

# BIBLIOGRAPHY OF BUTTERFLIES

*An Annotated Bibliography of the Neotropical Butterflies and Skippers  
(Lepidoptera: Papilionoidea)*

**Revised Electronic Edition**

by

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2020



# A

- Aardema, Matthew Lee** [1981- ]  
 2011. See Kunte, K. et al., 2011.  
 2017. See McCulloch, K. J. et al., 2017.
- Aardema, Matthew Lee, and Peter Andolfatto**  
 2016. Phylogenetic incongruence and the evolutionary origins of cardenolide-resistant forms of Na<sup>+</sup>, K<sup>+</sup>-ATPase in *Danaus* butterflies. *Evolution* 70(8): 1913-1921, 3 figs., 1 tab. (August; published online 13 July) [general]
- Aardema, Matthew Lee, and Martin J. Andree**  
 2018. Likely extirpation of the previously common milkweed butterfly *Danaus eresimus* (Danaiidae) from Grand Cayman Island. *Journal of the Lepidopterists' Society* 72(4): 329-333, 2 figs., 1 tab. (28 November)
- Aaron, Eugene Murray** [1852-1940]  
 1884a. *Erycides okeechobee*, Worthington. *Papilio* 4(1): 22 ([20 February]) [Cuba]  
 1884b. *Eudamus tityrus*, Fabr., and its varieties. *Papilio* 4(2): 26-30 ([15 March]) [Central America, Antilles]  
 [1885]. *Pamphila baracoa*, Luc. in Florida. *Papilio* 4(7/8): 150 ([29 January]) [West Indies]  
 1888. The determination of Hesperidae. *Entomologica americana* 4(7): 142-143 (October) [general]  
 1889. A vulnerable "new species". *Entomologica americana* 5(12): 221-226 (December) [*Agraulis vanillae* (Linnaeus)]  
 1890. North American Hesperidae. *Entomological News* 1(2): 23-26 ("February", [31 January]) [for the plate pertaining to this article, see Skinner, 1891a] [*Erycides urania* Doubleday, *Eudamus hesus* Doubleday; Mexico]  
 1893. New localities for *Papilio homerus*. *Canadian Entomologist* 25(10): 258-259 (5 October) [Jamaica, Haiti, República Dominicana]  
 1894. *The butterfly hunters in the Caribbees*. New York, Charles Scribner's Sons. xiii + [1] + 269 pp., 8 pls., 1 fig., 1 map. [general; biogeography]  
 1934. Sex of migrating *Danaus archippus* (Lepid.: Danaiidae). *Entomological News* 45(5): 133-134 ([7 May]) [West Indies]
- Aaron, Eugene Murray, and Samuel Francis Aaron**  
 [1885]. List of a collection of diurnal Lepidoptera from southern Texas. *Papilio* 4(9/10): 172-182 ([13 July]) [general; Mexico, Panama, Guatemala]
- Aaron, Samuel Francis** [1862-1947]  
 1885. See Aaron, E. M. & S. F. Aaron, 1885.
- Abad, Reynaldo Gallego**  
 2001. See Howard, F. W. & R. G. Abad, 2001.
- Abadía, Gabriel**  
 1913. Excursión científica. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 1(2): 58-62 (1 May) [general; Colombia]  
 1916. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(29): 50 (May) [general; Colombia]
- Abadjiev, Stanislav Penchev**  
 2003a. *Studies on Neotropical Pieridae (Part 1). The holotype of "Leodonta chiriquensis tingomariae" Baumann & Reissinger, 1969, illustrated in colour (Lepidoptera: Papilionoidea: Pieridae)*. Sofia, Author. 3 pp., 3 figs. (published online 29 May) [Peru]  
 2003b. *Studies on Neotropical Pieridae (Part 2). Piercolias huanaco (Staudinger, 1894) (Lepidoptera: Papilionoidea: Pieridae)*. Sofia, Author. 6 pp., 3 figs. (published online 7 June) [Bolivia, Peru]
- 2005a. Studies on Neotropical Pieridae (Part 3). Specimens of *Itaballia* Kaye, 1904 in the collection of Muséum National d'Histoire Naturelle, Paris (Lepidoptera, Papilionoidea, Pieridae [sic]). *Atalanta* 35(3/4): 449-452 (15 January) [general]  
 2005b. An annotated catalog of types of Neotropical Pierinae (Lepidoptera: Pieridae) in the collection of the National Museum of Natural History, Smithsonian Institution, Washington DC. *Zootaxa* 1022: 1-35, 8 pls. (25 July) [general]  
 2005c. The primary types of Neotropical Pierinae in the collection of Laboratoire d'Entomologie, Muséum National d'Histoire Naturelle, Paris (Lepidoptera, Papilionoidea, Pieridae). *Atalanta* 36(1/2): 127-139, pls. 3-5 (July) [general]  
 2006. Types of Neotropical Pierinae in the collection of Department of Entomology, Natural History Museum, London (Lepidoptera: Pieridae). *Zootaxa* 1143: 1-218, 544 figs. (10 March) [general]
- Abanto, Moisés**  
 2006. See Joron, M. et al., 2006b.
- Abbasi, Roohollah, and Jeffrey M. Marcus**  
 2015a. Color pattern evolution in *Vanessa* butterflies (Nymphalidae: Nymphalini): non-eyespot characters. *Evolution & Development* 17(1): 63-81, 10 figs., 4 tabs. (February; published online 28 January) [general]  
 2015b. Colour pattern homology and evolution in *Vanessa* butterflies (Nymphalidae: Nymphalini): eyespot characters. *Journal of evolutionary Biology* 28(11): 2009-2026, 10 figs., 4 tabs. (November; published online 26 August) [general]  
 2017. A new A-P compartment boundary and organizer in holometabolous insect wings. *Scientific Reports* 7(16337): 1-11, 4 figs., 1 tab. (published online 27 November) [general; morphology]
- Abbott, Charles Harlan** [1889-1971]  
 1950. Twenty-five years of migration of the Painted Lady butterfly, *Vanessa cardui*, in Southern California. *Pan-Pacific Entomologist* 26(4): 161-172, 1 fig. (29 December) [general; behavior; Mexico]  
 1951. A quantitative study of the migration of the Painted Lady butterfly, *Vanessa cardui* L. *Ecology* 32(2): 155-171, 4 figs., 5 tabs. (April) [behavior; Mexico]  
 1959. The 1958 migration of the Painted Lady butterfly, *Vanessa cardui* (Linnaeus), in California (Lepidoptera: Nymphalidae). *Pan-Pacific Entomologist* 35(2): 83-94 (2 June) [host plants; parasitoids; Mexico]  
 1963. A migration problem - *Vanessa cardui* (Nymphalidae), the Painted Lady butterfly. *Journal of the Lepidopterists' Society* 16(4): 229-233 (14 June) [Mexico]
- Abbott, Cyril Edward** [1902-1970]  
 1956. Alike though apart. *Audubon Magazine* 58(1): 21, 1 fig. (January-February) [*Dismorphia cubana* Herrich-Schäffer; Cuba]
- Abdala, Luis**  
 2012. See Ortegón, I. G. et al., 2012.
- Abe, Azuma**  
 2010. See Kumagai, Y. et al., 2010.
- Abe, Azuma, and Yoshinori Kumagai**  
 2002. Cytogenetic studies of seven species of Charaxinae (Nymphalidae, Lepidoptera) from Brazil and Peru.

- Transactions of the lepidopterological Society of Japan* 53(4): 234-240, 7 figs., 2 tabs. (30 September) [*Archaeoprepona*, *Prepona*, *Agrias*]
- Abe, Azuma, Matsuo Kushibiki and Yoshinori Kumagai**  
2010. A survey of chromosome numbers in the Morphinae (Nymphalidae, Lepidoptera) I. Chromosome numbers of seven species in the genus *Morpho* and six species of the tribe Brassolini. *Transactions of the lepidopterological Society of Japan* 61(1): 92-98, 13 figs., 3 tabs. (31 May) [general; Neotropics]
- Abimelec, Nelson, and Alba Meneses**  
2000. *Mariposas de la microcuenca La Arenosa Municipio de Aratoca*, pp. 55-57. In: Bermúdez, B., D. Bernal & H. Vélez (Eds.), *Páramos y Bosques de Niebla*. Bogotá, Censat Agua Viva. 196 pp. (March) [general; Colombia]
- Abonnenc, Émile** [1905-1989]  
1949. See Floch, H. A. & E. Abonnenc, 1949.  
1950. See Floch, H. A. & E. Abonnenc, 1950.
- Aborrezco, Pánfilo**  
1995. Nuevos registros de mariposas para la cayería noreste de Villa Clara. *Cocuyo* 2: 8-9, 1 tab. (March) [general; Cuba]  
2003. See Rivero, A. et al., 2003  
2006. Lista actualizada de mariposas (Lepidoptera; Papilionoidea) presentes en la cayería noreste de Villa Clara. *Centro agrícola* (Villa Clara) 33(4): 61-65, 1 fig., 1 tab. (December) [general; Cuba]
- Abrahamson, Warren G.**  
1989. *Plant-animal interactions: An overview*, pp. 1-22, 4 figs., 2 tabs. In: Abrahamson, W. G. (Ed.), *Plant-animal interactions*. New York, McGraw-Hill Book Company [general]
- Abrão, Bianca Espindola de**  
2008. See Pinheiro, M. et al., 2008.
- Abrego, Jean Carlos**  
2016. See Santos, A. & J. C. Abrego, 2016.  
2017. See Santos, A. et al., 2017.  
2019. See Santos, A. et al., 2019.
- Abreu, Domingo, and Kelvin A. Guerrero**  
1997. *Evaluación ecológica integral. Parque Nacional del Este, República Dominicana. Tomo 1: Recursos terrestres*. Arlington, The Nature Conservancy. 133 pp. [general]
- Ab'Sáber, Aziz Nacib** [1924-2012]  
1979. See Brown, K. S., Jr. & A. N. Ab'Sáber, 1979.
- Abud, Gloria Alicia** [1962- ]  
1988. Aspectos ecológico y taxonómico de insectos (Orden Lepidoptera e Hymenoptera) en el Bosque-Escuela de la Sierra de la Primavera. *Amatl. Boletín de Difusión del Instituto de Madera, Celulosa y Papel de la Universidad de Guadalajara* 2(4): 12-21, 2 tabs., 7 graphs, 3 maps (October-December) [general; Mexico]
- Aburano, Yasuhiro**  
1978. See Umebachi, Y. & Y. Aburano, 1978.
- Accacio, Gustavo Mattos**  
2009. See Pardini, R. et al., 2009.  
2015. See Freitas, A. V. L. et al., 2015a.  
2018. See Santos, J. P. dos et al., 2018.  
2019. See Santos, J. P. dos et al., 2019.
- Acevedo, Aldemar Alberto**  
2013. See Álvarez, S. M. et al., 2013.  
[2017]. See Olarte, C. A. et al., [2017].
- Acevedo, Aldemar Alberto, , Orlando Armesto, Camilo Andrés Olarte, Liliana Solano, Mónica María Albornoz, James Alexis Cabrera and Diego Armando Carrero**  
2018. Potential species richness of frogs and diurnal butterflies in three biogeographical units from northeastern Colombia: Conservation implications. *Acta biológica colombiana* 23(2): 151-162, 3 figs., 1 tab. (August; published online 1 May) [general]
- Acevedo, Efrén**  
1992. Reconocimiento de plagas y benéficos en el cultivo de tomate de árbol (*Cyphomandra betacea* (Cav)Sendt) en la zona cafetera de Colombia. *Agronomía* (Manizales) 5(1): 33-37, 1 fig., 4 tabs. (October) [*Thyridia aedesia* Doubleday, *Pteronymia veia* Hewitson, *Mechanitis mazaesus* Hewitson; host plant; parasitoids]
- Acevedo, Jenny**  
2006. See Kapan, D. D. et al., 2006.
- Achaval, Federico** [1941-2010]  
1974. See Biezanko, C. M. et al., 1974.  
1986. See Simó, M. et al., 1986.
- Achterberg, Cees van**  
2007. See Jong, R. de & C. van Achterberg, 2007.
- Ackerman, James D.** [1950- ]  
2012. See Aguiar, J. M. R. B. V. et al., 2012.
- Ackery, Phillip Ronald** [1946- ]  
1975a. See Vane-Wright, R. I. et al., 1975.  
1975b. A new pierine genus and species with notes on the genus *Tatochila* (Lepidoptera: Pieridae). *Bulletin of the Allyn Museum* 30: 1-9, 1 pl., 5 figs. (5 December) [general; new taxa: *Reliquia* (new genus) *santamarta*, *Tatochila xanthodice paramosa*, *T. orthodice carabaya*; South America]  
1977. See Vane-Wright, R. I. et al., 1977.  
1984. *Systematic and faunistic studies on butterflies*, pp. 9-21, 1 fig. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]  
1987a. The danaid genus *Tellervo* (Lepidoptera, Nymphalidae) - a cladistic approach. *Zoological Journal of the Linnean Society* 89(3): 203-274, 26 figs. ([30] March) [Ithomiinae; Neotropics]  
1987b. Diversity and phantom competition in African acraeinae butterflies. *Biological Journal of the Linnean Society* 30(4): 291-297, 3 figs. ("April," [20 May]) [*Actinote*; Neotropics]  
1988. Host plants and classification: A review of nymphalid butterflies. *Biological Journal of the Linnean Society* 33(2): 95-203, 1 fig., 65 tabs. ([25] February) [general]  
1992. See Nash, R. J. et al., 1992.  
1993a. See Kitching, I. J. et al., 1993.  
1993b. Host plant exploitation by aposematic nymphalid butterflies: Pre-adaptation versus stepwise sequestration. *Science Series. Natural History Museum of Los Angeles County* 38: 79-82 (18 February) [general]  
1993c. See Vane-Wright, R. I. et al., 1993.  
1996. See Jong, R. de et al., 1996.  
1997. The Butterflies of Venezuela. Nymphalidae 1. Lime-nitidinae, Apaturinae, Charaxinae. Andrew F.E. Neild. 1966 [sic]. *Antenna* 21(2): 80-81 (April) [book review]  
2002. See Goodger, K. & P. R. Ackery, 2002.  
2012. *Butterflies & other insects. My enduring impressions*. Cardigan, Forrest Text. viii + 193 pp., figs. [general; history]
- Ackery, Phillip Ronald, Rienk de Jong and Richard Irwin Vane-Wright**  
1998. The Butterflies: Hedyloidea, Hesperioidea and Papilionoidea, pp. 263-300, 9 figs. In: Kristensen, N. P. (Ed.), *Lepidoptera, Moths and Butterflies. Volume 1: Evolution, Systematics and Biogeography. Handbuch der Zoologie* 4(35): i-x, 1-487 ("1999", 1998) [general]
- Ackery, Phillip Ronald, and Robert Leslie Smiles**  
1976. An illustrated list of the type-specimens of the Heliconiinae (Lepidoptera: Nymphalidae) in the British Museum (Natural History). *Bulletin of the British Museum (Natural History) (Entomology)* 32(5): 171-214, 39 pls. (January) [general; Neotropics]

- Ackery, Phillip Ronald, and Richard Irwin Vane-Wright**  
 1984. *Milkweed butterflies. Their cladistics and biology. Being an account of the natural history of the Danainae, a subfamily of the Lepidoptera, Nymphalidae.* London, British Museum (Natural History). x + 425 pp., 12 + 73 pls., 262 figs. [general]
1985. Patterns of plant utilization by danaine butterflies. *Proceedings of the 3rd Congress of European Lepidopterology* (Cambridge), pp. 3-6, 1 fig. [general]
- Acosta, David**  
 1999. Mariposas altoandinas: Sobre una población de *Lymanopoda samius* Westwood 1851 (Lep: Nymphalidae: Satyrinae) en la región oriental. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 3: 33-35, 2 figs. (September) [host plant; behavior; Colombia]
- Acosta, Nuris**  
 2008. See Inclán, D. J. et al., 2008.
- Acosta, Orlando**  
 1995. See Moreno, L. P. et al., 1995.
- Acosta, Rosario**  
 1993. See Guerra, M. et al., 1993.
- Acosta, Roxana**  
 2005. See Corona-López, A. M. et al., 2005.
- Acton, Caroline**  
 2015. See Whitworth, A. et al., 2015.
- Acuña, Ana María, Laura Caso, Mario M. Aliphat and Carlos H. Vergara**  
 2011. Edible insects as part of the traditional food system of the Popoloca town of Los Reyes Metzontla, Mexico. *Journal of Ethnobiology* 31(1): 150-169, 9 figs., 3 tabs. (1 March) [*Aegiale hesperiaris* (Walker); host plant]
- Acuña, Gastón**  
 [1997]. *Rumbo a la Amazonía. Relato de la expedición científica chilena encabezada por el gran naturalista Luis Peña Guzmán, enero a julio 1965.* [Santiago de Chile], Colorama S.A. 246 pp., figs. [general; Peru, Ecuador]
- Acuña, Julio César**  
 2015. See Moreno, P. G. & J. C. Acuña, 2015.
- ACURIS** (Asociación de comunidades unidas de los ríos Isana y Surubí)  
 2012. *Aprendiendo a criar mariposas: desarrollo de zocriaderos de mariposas en comunidades indígenas.* Bogotá, XPress Studio Gráfico. 40 pp., figs. [general; ethnoentomology; Colombia]
- Adaime, Maiara Sabrina Martins de Souza**  
 2014. See Jesus-Barros, C. R. de et al., 2014.
- Adalla, Candida B.**  
 1990. See Singh, S. R. et al., 1990.
- Adams, Cedric Vyvyan Anthony** [1919-1998]  
 1973. The butterfly collection of the Royal Albert Memorial Museum. Its history and development. *Publication. City of Exeter Museums and Art Gallery* 76: [vi] + 13 pp., 1 pl. [general]
- Adams, Gracie**  
 2018. See Parnell, A. J. et al., 2018.
- Adams, James K.**  
 1978. [A letter]. *News of the Lepidopterists' Society* 1978[4]: 6 ([July-August]) [*Papilio victorinus* Doubleday; Mexico]
1984. An old first United States record finally published: *Papilio victorinus* (Papilionidae) in Laredo, Texas. *Journal of the Lepidopterists' Society* 37(4): 318 (8 May) [Mexico]
- Adams, Jonathan M., Changku Kang and Mark June-Wells**  
 2014. Are tropical butterflies more colorful? *Ecological Research* 29(4): 685-691, 1 fig., 5 tabs. (July; published online 10 May) [general; Ecuador]
- Adams, Matthew**  
 2019. See Andrade, A. C. de et al., 2019.
- Adams, Michael Jan** [1949- ]  
 1973. Ecological zonation and the butterflies of the Sierra Nevada de Santa Marta, Colombia. *Journal of natural History* (London) 7(6): 699-718, 3 figs., 7 tabs. (12 December) [general]
1977. Trapped in a Colombian Sierra. *Geographical Magazine* (London) 49(4): 250-254, figs. (January) [general; evolution; biogeography]
1984. Northern Andean butterflies - Search and research. *The Alpine Journal* 1984: 90-96, fig. 31, 1 map. [Satyrinae; Colombia, Venezuela]
1985. Speciation in the pronophiline butterflies (Satyridae) of the northern Andes. *Journal of Research on the Lepidoptera Supplement* 1: 33-49, 14 figs., 2 tabs. ([after October]) [Colombia, Venezuela]
1986. Pronophiline butterflies (Satyridae) of the three Andean Cordilleras of Colombia. *Zoological Journal of the Linnean Society* 87(3): 235-320, 59 figs., 3 tabs. ([8] July) [general; new taxa: *Lymanopoda schmidtii*, *L. melendeza*, *Parapedaliodes nora*, *P. margaretha*, *P. zipa*, *Pedaliodes pimienta*, *P. socorrae*, *P. pollonia*, *P. parranda*, *P. palpita*, *P. ralphi*, *P. guicani*, *P. bernardi*, *P. hardyi*, *P. arnotti*, *Penrosada inderena*, *Steremnia selva*, *Lymanopoda huilana cajamarca*, *Pedaliodes fuscata parapatra*, *P. pylas unilacuna*, *Lymanopoda lactea* new form *coffea*; biogeography]
1987. Butterfly search and research in the northern Andes. *Proceedings and Transactions of the british entomological and natural History Society* 20(2): 35-40, 5 figs. (April) [Satyrinae; biogeography; Colombia, Venezuela]
1993. See Johnson, K. D. & M. J. Adams, 1993.
2001. See Vilorio, Á. L. et al., 2001.
- Adams, Michael Jan, and George Igor Bernard**  
 1977a. Pronophiline butterflies (Satyridae) of the Sierra Nevada de Santa Marta, Colombia. *Systematic Entomology* 2(4): 263-281, 27 figs. (October) [general; new taxa: *Arhuaco* (new genus) *ica*, *Eretris calisto kogui*, *Paramo* (new genus), *Pedaliodes phazania takahashii*, *P. tyrreus tairona*, *P. cebolleta*, *Pronophila bogotensis donachui*, *P. juliani*, *Sierrasteroma* (new genus); ecology; evolution]
- 1977b. The elusive white. *Expedition* (London) 7(3): 16-23, figs. [general; Colombia]
1979. Pronophiline butterflies (Satyridae) of the Serranía de Valledupar, Colombia-Venezuela border. *Systematic Entomology* 4(2): 95-118, 36 figs. ([17] April) [new taxa: *Dangond* (new genus) *dangondi*, *Eretris perija*, *E. altamira*, *Lasiophila zapatoza manaurera*, *Lymanopoda altaselva*, *L. paramera*, *L. maletera*, *Pedaliodes suspiro*, *P. tyrreoides*, *P. zuleta*, *P. cesarensis*, *P. vallenata*, *Penrosada navarrae*, *P. quintera*, *Pronophila orchewitsoni*; taxonomy; biogeography]
1981. Pronophiline butterflies (Satyridae) of the Cordillera de Mérida, Venezuela. *Zoological Journal of the Linnean Society* 71(4): 343-372, 28 figs. ([2] April) [new taxa: *Altopedaliodes albarregas*, *Diaphanos* (new genus) *huberi*, *Lasiophila zapatoza meridae*, *Lymanopoda dietzi*, *Pedaliodes montagna*, *P. antigua*, *P. ferratilis* new form *luteocosta*, *Penrosada franciscana*, *Redonda* (new genus) *empetrus bolivari*; biogeography]
- Adamski, David**  
 2011. See Nieuwerkerken, E. J. van et al., 2011.
- Adkin, Robert** [1849-1935]  
 1931. [A note]. *Proceedings of the South London entomological & natural History Society* 1930-31: 32. [*Opsiphanes tamarindi* Felder & Felder accidentally introduced to England]
- Adkins, William**  
 2010. See Einem, G. E. & W. Adkins, 2010.

2014. See Einem, G. E. & W. Adkins, 2014.  
2015. See Einem, G. E. & W. Adkins, 2015.
- Adler, Sebastian**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Aduse-Poku, Kwaku**  
2018a. See Sahoo, R. K. et al., 2018.  
2018b. See Espeland, M. et al., 2018.
- Aduse-Poku, Kwaku, Eric Vingerhoedt and Niklas Wahlberg**  
2009. Out-of-Africa again: A phylogenetic hypothesis of the genus *Charaxes* (Lepidoptera: Nymphalidae) based on five gene regions. *Molecular Phylogenetics and Evolution* 53(2): 463-478, 4 figs., 4 tabs. (November; published online 4 July) [general; Neotropics]
- Ae, Shigeru Albert, and Michiaki Hasegawa**  
2003. Catalogue of the specific and hybrid specimens of Papilionoidea butterflies donated by Dr Shigeru Albert Ae to the Toyohashi Museum of Natural History. *Miscellaneous Report of the Toyohashi Museum of natural History* 14: 1-297, pls. 1-16 (30 March) [*Parides neophilus eurybates* (Gray), *P. proneus* (Hübner), *Ascia monuste orseis* (Godart); Brazil]
- Aerni, Agathon**  
1993. See Güntert, M. et al., 1993.
- Afonso, Ana Paula Schneid**  
2008. *Insetos praga da alfafa*, pp. 17-32, 3 figs., 5 tabs. In: Mittelman, A., F. J. da S. Lédo & J. F. Gomes (Eds.), *Tecnologias para a produção de alfafa no Rio Grande do Sul*. Pelotas, Embrapa Clima Temperado. [*Colias lesbia pyrrhothea* (Hübner); host plant; Brazil]
- Agarwal, Sneha P.**  
2018. See Rodríguez, R. E. et al., 2018.
- Agassiz, Alexander Emmanuel Rodolphe** [1835-1910]  
1892. The fauna of the Galapagos, pp. 68-69. In: Reports on the dredging operations off the West Coast of Central America to the Galapagos, to the West Coast of Mexico, and in the Gulf of California, in charge of Alexander Agassiz, carried on by the U. S. Fish Commission Steamer "Albatross", Lieut. Commander Z. L. Tanner, U. S. N., commanding. II. General sketch of the expedition of the "Albatross", from February to May, 1891. *Bulletin of the Museum of comparative Zoology* 23(1): 1-89, 22 pls. (February) [general]
- Agassiz, Georges** [1846-1910]  
1903. *Étude sur la coloration des ailes des papillons*. Lausanne, Imprimerie H. Vallotton & Toso. 31 pp. [general]
- Agassiz, Jean Louis Rodolphe** [1807-1873]  
1846a. *Nomina systematica generum lepidopterorum, tam viventium quam fossilium, secundum ordinem alphabeticum disposita, adjectis auctoribus, libris in quibus reperiuntur, anno editionis, etymologia et familiis ad quas pertinent*, vi + 70 pp. In: *Nomenclator zoologicus, continens nomina systematica generum animalium tam viventium quam fossilium, secundum ordinem alphabeticum disposita, adjectis auctoribus, libris in quibus reperiuntur, anno editionis, etymologia et familiis, ad quas pertinent, in variis classibus*. Solodurii, Jent et Gassmann. *Fasciculus IX. et X.* ([before 9 October]) [general]  
1846b. *Nomenclatoris zoologici index universalis, continens nomina systematica classium, ordinem, familiarum et generum animalium omnium, tam viventium quam fossilium, secundum ordinem alphabeticum unicum disposita, adjectis homonymiis plantarum, nec non variis adnotationibus*, viii + 393 pp. In: *Nomenclator zoologicus...* Solodurii, Jent et Gassmann. *Fasciculus XII.* ([29 December]) [general]
- Agnolin, Federico Lisandro**  
2016. See Guerrero, E. L. & F. L. Agnolin, 2016.
- Agostini, Kayna, Marlies Sazima and Ivan Sazima**  
2006. Bird pollination of explosive flowers while foraging for nectar and caterpillars. *Biotropica* 38(5): 674-678, 1 fig., 1 tab. (September) [*Astraptus talus* (Cramer); host plant; Brazil]
- Agrawal, Anurag A.** [1972- ]  
2001. See Fordyce, J. A. & A. A. Agrawal, 2001.  
2015. See Gustafsson, K. M. et al., 2015.  
2017. *Monarchs and milkweeds. A migrating butterfly, a poisonous plant, and their remarkable story of coevolution*. Princeton, Princeton University Press. xi + 283 pp., figs. ([28 March]) [*Danaus plexippus* (Linnaeus)]
- Agrawal, Anurag A., Jared G. Ali, Sergio Rasmann and Mark Fishbein**  
2015. *Macroevolutionary trend in the defense of milkweeds against monarchs. Latex, cardenolides, and tolerance of herbivory*, pp. 47-59, 8 figs., 1 tab. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); host plants; Neotropics]
- Agrawal, Anurag A., and Hidetoshi Inamine**  
2018. Mechanisms behind the monarch's decline. *Science* 360(6395): 1294-1296, figs. (22 June) [*Danaus plexippus* (Linnaeus); Mexico]
- Aguayo, Carlos Guillermo** [1899-1982]  
1934. Algunos insectos raros cogidos por el Sr. José Cabrera. *Memorias de la Sociedad cubana de Historia natural "Felipe Poey"* 8(1): 34 (10 March), (2): 110 (7 July) [*Pieris rapae* (Linnaeus), *Basilarchia misippus* (Linnaeus); Cuba]
- Aguayo, Daniel Donato, Fernando Mendoza, Manuel H. de la Torre, Manuel Darío Salas-Araiza and Cristian Caloca**  
2011. Comparison on different insects' wing displacements using high speed digital holographic interferometry. *Journal of biomedical Optics* 16(6)(066005): 1-8, 10 figs. (9 June) [*Nymphalis antiopa* (Linnaeus), *Agraulis vanillae incarnata* (Riley), *Danaus gilippus* (Cramer), *Precis evarete* (Cramer); behavior; Mexico]
- Agudelo, Carlos Alberto**  
1994. See Andrade, M. G. et al., 1994.
- Agudelo, Juan Carlos**  
2012. See Villalobos, A. et al., 2012.
- Agudelo, Juan Carlos, Evelin María Gómez and Néstor Pérez**  
2018. Dinámica temporal de la riqueza de especies y la abundancia de mariposas frugívoras (Lepidoptera: Nymphalidae) en la sabana inundable del municipio de Arauca (Colombia). *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 42(164): 246-254, 6 figs., 1 tab. (September) [general]
- Agudelo, Juan Carlos, and Néstor Pérez**  
2015. Notas acerca de la distribución de Papilionidae (Lepidoptera: Papilionoidea) en el norte de la Orinoquia colombiana. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 19(1): 203-214, 1 fig., 2 tabs. ("June", [8 October]) [general]
- Agüero, Renán**  
2012. See Sánchez-Monge, A. et al., 2012.
- Aguiar, Alex Ramos**  
2018. See Lopes, M. C. et al., 2018.
- Aguiar, João Marcelo Robazzi Bignelli Valente, Ludmila Mickeliunas Pansarin, James D. Ackerman and Emerson Ricardo Pansarin**  
2012. Biotic versus abiotic pollination in *Oeceoclades maculata* (Lindl.) Lindl. (Orchidaceae). *Plant Species Biology* 27(1): 86-95, 4 figs., 1 tab. (January; published online 24 May 2011) [*Heliconius ethilla narcaea* Godart, *H. erato phyllis* (Fabricius); Brazil]

- Aguiar, Tamara Moreira Costa**  
2018. See Braga, L. et al., 2018.
- Aguiar-Menezes, Elen de Lima**  
2010. See Resende, A. L. S. et al., [2010].
- Aguiar-Menezes, Elen de Lima, Eurípedes Barsanulfo Menezes, Paulo Cesar Rodrigues Cassino and Marcos Antônio Soares**  
2002. *Passion fruit*, pp. 361-390, pls. 88-93, 3 figs., 2 tabs. In: Peña, J. E., J. L. Sharp & M. Wysoki (Eds.), *Tropical fruit pests and pollinators. Biology, economic importance, natural enemies and control*. Wallingford, CABI Publishing. [Heliconiini; host plants; predators; parasitoids; Neotropics]
- Aguila, Jorge Diderot del**  
1966. See Maldonado, L. et al., 1966.
- Aguilar, Carlos**  
1996. See Kochalka, J. A. et al., 1996.
- Aguilar, Claudia**  
1999. See Morrone, J. J. et al., 1999.  
2000. See Espinosa, D. et al., 2000.
- Aguilar, José Armando**  
2003. ¿Corre o vuela? ¡A la cazuela! *Revista del Consumidor* (Mexico) 319: 62-65, figs. (September) [general; Mexico]
- Aguilar, L. F.**  
1985. See Oliveira, E. G. de et al., 1985.
- Aguilar, Lucía**  
2013. See Reina, D. et al., 2013.
- Aguilar, Pedro Gonzalo** [1926-2013]  
1954. *Estudio sobre las adaptaciones de los artrópodos a la vida en las lomas de los alrededores de Lima*. Lima, Universidad Nacional Mayor de San Marcos. 54 pp., 7 pls., 4 figs. (May) [general; Peru]  
1962. Insectos polinizadores más comunes en Lima y alrededores. *Revista peruana de Entomología agrícola* 4(1): 81-82 ("December 1961", 15 March 1962) [general; Peru]  
1966a. Especies de artrópodos registrados en las lomas de los alrededores de Lima. *Revista peruana de Entomología* 7(1): 93-95 ("December 1964", 30 April 1966) [general; Peru]  
1966b. Algunas consideraciones sobre los insectos polinizadores en los alrededores de Lima. *Revista peruana de Entomología* 8(1): 138-145, 9 figs. ("1965", 28 December 1966) [general; Peru]  
1977a. Fauna desértico-costera peruana - I: Invertebrados más frecuentes en las lomas. *Revista peruana de Entomología* 19(1): 67-70 (11 August) [general; ecology]  
1977b. Fauna desértico-costera peruana - IV: Artrópodos del tillandsial de Punta Hermosa, Lima (Perú). *Revista peruana de Entomología* 20(1): 87-92, 5 figs., 1 tab. (30 June) [*Pyrgus bocchoris* Hewitson; ecology]  
1981. VI.- El cultivo del arroz, p. 105. In: Apuntes sobre el control biológico y el control integrado de las plagas agrícolas en el Perú. *Revista peruana de Entomología* 23(1): 83-110 ("December 1980", [June] 1981) [*Nyctelius nyctelius* (Latreille); host plant]  
1985. Fauna de las lomas costeras del Perú. *Boletín de Lima* 7(41): 17-28, 2 figs. (September) [general]
- Aguilar, Pedro Gonzalo, Klaus G. Raven, Gerardo Lamas and Inés Redolfi**  
1995. Sinopsis de los hexápodos conocidos del Perú. *Revista peruana de Entomología* 37: 1-9, 2 tabs. (11 September) [general]  
1999. *Conocimiento actual de la diversidad de los insectos registrados para el Perú*, pp. 143-149. In: Halffter, G. (Ed.), *La Diversidad Biológica de Iberoamérica III*. Xalapa, Instituto de Ecología, A. C. (October) [general]
- Aguilar, Pedro Gonzalo, and Jenny Ana Türkowsky**  
1977. Fauna desértico-costera peruana - III: Observaciones en el tillandsial de Cajamarquilla, Lima. *Revista peruana de Entomología* 20(1): 81-86, 7 figs., 3 tabs. (30 June) [*Pyrgus bocchoris* Hewitson; ecology]
- Aguilar, Sotero**  
2017. See Jiménez, E. et al., 2017.
- Aguilar-Astudillo, Eduardo**  
2008. See Morales-Morales, C. J. & E. Aguilar-Astudillo, 2008.  
2010. See Quiroga, R.R. et al., 2010.  
2016. See Cabrera, R. et al., 2016.  
2018a. See Morales-Morales, C. J. et al., 2018a.  
2018b. See Morales-Morales, C. J. et al., 2018b.  
2019. See Morales-Morales, C. J. et al., 2019.
- Aguilar-Astudillo, Eduardo, Carlos Joaquín Morales-Morales, María de los Ángeles Rosales-Esquinca, Pilar Ponce, Rodrigo del Carmen Gutiérrez and Ricardo René Quiroga**  
2009. *Listado de lepidópteros diurnos en el área denominada Cruz Ancha, Berriozábal, Chiapas, México*, pp. 887-892, 1 tab. In: Estrada, E. G., A. Equihua, M. P. Chaires, J. A. Acuña, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 8. México, Sociedad mexicana de Entomología. [general; Mexico]
- Aguilar-Dorantes, Karla María**  
2019. See Rosas-Echeverría, M. V. et al., 2019.
- Aguilera, Alexis, Gustavo Isaza and Ranulfo González**  
2011. Diversidad y abundancia de la artropofauna en bromelias de bosques de manglar de la bahía de Buenaventura (Valle, Colombia). *Revista del Museo de Entomología de la Universidad del Valle* 12(1): 1-11, 6 figs., 5 tabs. (July) [Pieridae]
- Aguilera, Alfonso**  
1968. La colección de insectos del Centro de Investigación y Capacitación Agrícola (CICA) – Arica. *Revista de la Universidad del Norte* (Arica) 2(1): 41-52 (April) [general; host plants; Chile]  
1970. Abundancia de *Danaus plexippus* Lin. (Lep., Danaidae) en Arica. *Idesia* (Arica) 1: 157-159, 1 fig. (31 August) [distribution; host plant; life history; Chile]  
1972. La colección entomológica del Centro de Investigación y Capacitación Agrícola (CICA), Arica. Nuevas determinaciones. II contribución. *Idesia* (Arica) 2: 99-116 ("March", 3 May) [*Diogas erippus* (Cramer); host plant; Chile]
- Aguirre, Daniela**  
2014. See Céspedes, A. Á. et al., 2014.
- Aguirre, Helmuth, Luis Felipe de Almeida, Scott Richard Shaw and Carlos E. Sarmiento**  
2015. An illustrated key to Neotropical species of the genus *Meteorus* Haliday (Hymenoptera, Braconidae, Euphorinae). *ZooKeys* 489: 33-94, 154 figs., 1 tab. (23 March) [general; parasitoids]
- Aguirre, Luis Fernando**  
2006a. See Quinteros, R. et al., 2006a.  
2006b. See Quinteros, R. et al., 2006b.
- Aguirre, Luis Fernando, José Antonio Balderrama, Carlos F. Pinto, Edmundo Igor Maradiegue and Renzo Vargas**  
2007. *Influencia de dos especies forestales exóticas sobre fauna terrestre de bosques nativos de kewiña en el Parque Nacional Tunari*, pp. 1420-1424. In: Feyen, J., L. F. Aguirre & M. Moraes (Eds.), *Memorias. Congreso internacional sobre Desarrollo, Medio Ambiente y Recursos naturales: Sostenibilidad a Múltiples Niveles y Escalas*. Cochabamba, Universidad Mayor de San Simón. 3. [general; Bolivia]
- Aguirre, Paola**

2019. See Concha, C. et al., 2019.
- Aguirre-Jaimes, Armando**  
2018. See Martínez-Adriano, C. A. et al., 2018.
- Ahn, Seung-Joon**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Ah-Peng, Claudine**  
2011. See Laurance, W. F. et al., 2011.
- Ahrenholz, David Henry** [1948- ]  
2001. A contribution to riodinid systematics (Lepidoptera: Riodinidae), by Jason P. W. Hall with Keith R. Willmott & Donald J. Harvey, contributors. 1998.- A revision of the genus *Theope*, its systematics and biology (Lepidoptera: Riodinidae: Nymphidiini), by Jason P. W. Hall. 1999. *Journal of the Lepidopterists' Society* 55(1): 44 (21 December) [book reviews]  
2010. See Hall, J. P. W. & D. H. Ahrenholz, 2010.
- Aibar-Abregú, Paola**  
2014. Hostplant records for the myrmecophilous butterfly *Harveyope densemaculata* (Hewitson, 1870) (Lepidoptera: Riodinidae). *Tropical Lepidoptera Research* 24(2): 121 (20 December) [Peru]
- Aiello, Annette** [1941- ]  
1980a. See Silberglied, R. E. et al., 1980.  
1980b. See Silberglied, R. E. et al., 1980.  
1981. Life history of *Dismorphia amphiona beroe* (Lepidoptera: Pieridae: Dismorphiinae) in Panama. *Psyche* (Cambridge) 87(3/4): 171-175, 5 figs., 2 tabs. (31 August)  
1982a. See Lamas, G. et al., 1982.  
1982b. See Robbins, R. K. & A. Aiello, 1982.  
1984. *Adelpha* (Nymphalidae): Deception on the wing. *Psyche* (Cambridge) 91(1/2): 1-45, 7 figs., 3 tabs. ([15 November]) [mimicry; life histories; Neotropics]  
1990. See Scoble, M. J. & A. Aiello, 1990.  
1991. *Adelpha ixia leucas*: immature stages and position within *Adelpha* (Nymphalidae). *Journal of the Lepidopterists' Society* 45(3): 181-187, 7 figs., 1 tab. (5 December) [host plant; Panama]  
1992a. *Nocturnal butterflies in Panama, Hedyliidae* (Lepidoptera: Rhopalocera), pp. 549-553, 5 figs., 1 tab. In: Quintero, D. & A. Aiello (Eds.), *Insects of Panama and Mesoamerica. Selected studies*. Oxford, Oxford University Press. [general; egg, larva, pupa, imago; host plant; parasitoids; behavior]  
1992b. Dry season strategies of two Panamanian butterfly species, *Anartia fatima* (Nymphalidae) and *Pierella luna luna* (Satyridae) (Lepidoptera: Nymphalidae), pp. 573-575, 1 fig. In: Quintero, D. & A. Aiello (Eds.), *Insects of Panama and Mesoamerica. Selected studies*. Oxford, Oxford University Press. [behavior]  
1996. See Otero, L. D. & A. Aiello, 1996.  
1997. See Davies N. et al., 1997.  
2000. See Penz, C. M. et al., 2000.  
2001. *Las orugas de Panamá*, pp. 118-125, 23 figs. In: Heckadon, S. (Ed.), *Panamá. Puente biológico. Las charlas Smithsonian del mes. 1996-1999*. Balboa, Instituto Smithsonian de Investigaciones Tropicales. [general; host plants]  
2002. See Dasmahapatra, K. K. et al., 2002.  
2006. *Adelpha erotia erotia* form "lerna" (Nymphalidae): exploring a corner of the puzzle. *Journal of the Lepidopterists' Society* 60(4): 181-188, 4 figs., 1 tab. (14 December) [life history; host plants: Panama]  
2009. See Helson, J. E. et al., 2009.  
2010a. See Guerrieri, E. et al., 2010.  
2010b. See Robbins, R. K. et al., 2010a.  
2010c. See Vigneron, J.-P. et al., 2010.  
2011. See Connahs, H. et al., 2011.  
2012. Reflections on viewing Lepidoptera specimens: A mirror device. *News of the Lepidopterists' Society* 53(4): 111, 1 fig. (17 January) [general; technique]
- 2015a. See Basset, Y. et al., 2015.  
2015b. See Raudsepp-Hearne, C. et al., 2015.  
2015c. See Seymoure, B. M. & A. Aiello, 2015.  
2015d. *Tropical caterpillar addiction*, pp. 91-102, 7 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general; host plants; Neotropics]  
2016. See Brashears, J. et al., 2016.
- Aiello, Annette, and Keith Spalding Brown, Jr.**  
[1989]. Mimicry by illusion in a sexually dimorphic, day-flying moth, *Dysschema jansonis* (Lepidoptera: Arctiidae: Pericopinae). *Journal of Research on the Lepidoptera* 26(1/4): 173-176, 1 fig. ("15 November 1988", [2 March 1989]) [Papilionidae, Ithomiinae, *Consul fabius* (Cramer), *Heliconius*; Panama]
- Aiello, Annette, and Robert Elliot Silberglied**  
1978. "Orange" bands, a simple recessive in *Anartia fatima* (Nymphalidae). *Journal of the Lepidopterists' Society* 32(2): 135-137, 1 fig., 1 tab. (19 July) [genetics; Panama, Colombia]  
1979. Life history of *Dynastor darius* (Lepidoptera: Nymphalidae: Brassolinae) in Panama. *Psyche* (Cambridge) 85(4): 331-345, 11 figs. ([18 September])
- Aigner-Abafi, Ludwig von** [1840-1909]  
1902. Über Mimikry. *Allgemeine Zeitschrift für Entomologie* 7(18): 368-372 (15 September), (19): 405-409 (1 October) [general]  
1903. A mimicryröl. *Rovartani Lapok* 10(2): 28-34 (February) [general]
- Aiken, James** [1866-1945]  
1912. Notes on *Anosia plexippus*. *Entomologist* 45(588): 146-147 (May) [Guyana]
- Ainsworth, Claire**  
2001. Let's get together. *New Scientist* 169(2277): 17, 2 figs. (10 February) [general]
- Aizenberg, Joanna**  
2013. See Burgess, I. B. et al., 2013  
2014. See England, G. et al., 2014.
- Aizprúa, Rafael**  
2010. See Srygley, R. B. et al., 2010.
- Ajmat de Toledo, Zine Deonicia** [1927- ]  
1972. Fauna del noroeste argentino. Contribución al conocimiento de los lepidópteros argentinos II. *Battus polydamas* (L.) (Rhopalocera - Papilionidae). *Acta zoologica Lilloana* 26(19): 277-290, 6 pls. (31 October) [egg, larva, pupa; host plants; parasitoids and predators]  
1973a. Fauna del noroeste argentino. Contribución al conocimiento de los lepidópteros argentinos IV. El género *Cynthia* F. (Rhopalocera - Nymphalidae). *Acta zoologica Lilloana* 26(24): 337-352, 4 pls. (6 September) [general]  
1973b. Fauna del noroeste argentino. Contribución al conocimiento de los lepidópteros argentinos. III. *Hypanartia bella* (F.) (Rhopalocera - Nymphalidae). *Acta zoologica Lilloana* 30: 23-35, 7 pls. (27 November) [larva, pupa; host plants]  
1978. Fauna del NOA. Contribución al conocimiento de los lepidópteros argentinos. VI. *Eiseliana* nuevo género de Lycaenidae (Theclinae, Strimonini [sic]). *Acta zoologica Lilloana* 33(1): 79-84, 6 figs. (May) [*E. koehleri*, new species]  
1979. Fauna del NOA. Contribución al conocimiento de los lepidópteros argentinos. VII. *Phyciodes claudina* (Eschscholtz) (Lepidoptera, Nymphalidae). *Acta zoologica Lilloana* 33(2): 67-74, 8 figs. (August) [egg, larva, pupa, imago; host plants; parasitoids]  
1980. Fauna del NOA. Contribución al conocimiento de los lepidópteros argentinos. VIII. *Actinote diaguita* Hayward



- (Lepidoptera, Acraeidae). *Acta zoologica Lilloana* 36(1): 87-93, 9 figs. (October) [larva, pupa; host plant]
1991. Fauna del noroeste argentino. Contribución al conocimiento de los lepidópteros argentinos. IX. *Dione juno* (Cramer) (Lepidoptera, Rhopalocera, Heliconiidae). *Acta zoologica Lilloana* 40(1): 109-117, 16 figs. (May) [egg, larva, pupa; host plant]
1992. Fauna del noroeste argentino. Contribución al conocimiento de los lepidópteros argentinos. X. *Agraulis vanilla* [sic] *maculosa* (Stichel) (Lepidoptera, Rhopalocera, Heliconiidae). *Acta zoologica Lilloana* 40(2): 21-31, 19 figs. ("1991", October 1992) [egg, larva, pupa, imago; host plants]
- Ajmat de Toledo, Zine Deonicia, and Héctor Terán**
1970. Fauna del noroeste argentino - Contribución al conocimiento de los lepidópteros argentinos I. *Mechanitis lysimnia elisa* (Guérin-Ménéville) (Rhopalocera - Ithomiidae). *Acta zoologica Lilloana* 26(4): 33-48, 4 pls. (3 July) [egg, larva, pupa, imago; host plant]
- Akai, Hiromu, Raziel S. Hakim and Niels Peder Kristensen**
- 2003b. Labial glands, silk and saliva, pp. 377-388, 7 figs. In: Kristensen, N. P. (Ed.), Lepidoptera, moths and butterflies. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]
- Akai, Hiromu, Takayuki Nagashima and Susumu Yamaguchi**
- 2003a. Ultrastructures of silk glands and cocoon filaments from the Mexican silkworm [sic], *Eucheira socialis*. *International Journal of Wild Silkworm & Silk* 8: 65-72, 10 figs. (25 November)
- Akimoto, Makio**
1996. See Tabata, H. et al., 1996.
- Akimoto, Makio, Hiroshi Tabata and Hideo Namiki**
1994. Architecture and optical properties of *Morpho* butterfly scales. *Pigment Cell Research* 7: 369. [abstract]
- Akkaynak, Derya**
2017. See Dalbosco Dell'Aglio, D. et al., 2017.
- Alam, Muhammed M.**
1985. See Bennett, F. D. & M. M. Alam, 1985.
1993. Biological control of insect pests of crucifers in selected West Indian islands. *Florida Entomologist* 75(4): 493-505, 1 fig., 6 tabs. (15 January) [*Ascia monuste* (Linnaeus); host plants; parasitoids]
- Alamo, M.**
2002. See Flanagan, N. S. et al., 2002.
- Alanís, Eduardo**
2008. See García, P. C. et al., 2008.
- Al-Asadi, Ahmed S., Jie Zhang, Jianbo Li, Radislav A. Potyrailo and Andrei Kolmakov**
2015. Design and application of variable temperature setup for scanning electron microscopy in gases and liquids at ambient conditions. *Microscopy and Microanalysis* 21(3): 765-770, 5 figs. (June) [*Morpho sulkowskyi* Kollar; morphology]
- Alata, Julio Vicente** [1941-1999]
1973. Lista de insectos y otros animales dañinos a la agricultura en el Perú. *Manual. Estación experimental agrícola de La Molina* (Lima) 38: 1-176 (August) [general; host plants]
- Alatorre, Raquel**
1994. See Salas, M. D. et al., 1994.
- Alayo, Pastor Fortunato** [1915-2001]
1950. Notas sobre la *Colobura dirce* (Linn.) (Lepidoptera-Nymphalidae). *Boletín de Historia natural de la Sociedad "Felipe Poey"* (La Habana) 1(2): 97 (September) [life history; host plant; Cuba]
1951. Notas sobre las especies cubanas de Euremas del grupo *elatheae-palmira* (Lepidoptera: Pieridae). *Boletín de Historia natural de la Sociedad "Felipe Poey"* (La Habana) 2(5): 7-8 (March) [general]
1953. See Torre y Callejas, S. L. de la & P. Alayo, 1953.
1995. *Las mariposas de Cuba*, pp. 186-205, 25 figs. In: *Por los Caminos de la Edad de Oro. Tomo III*. La Habana, Editorial Gente Nueva (May) [general]
1997. *Las mariposas de Cuba*. La Habana, Editorial Gente Nueva. 53 pp., 21 figs. (September) [general]
- Alayo, Pastor Fortunato, and Luis Roberto Hernández**
1987. *Atlas de las mariposas diurnas de Cuba (Lepidoptera: Rhopalocera)*. La Habana, Editorial Científico-Técnica. [viii] + 148 pp., 49 pls., 15 figs. [general]
- Alayo, Pastor Fortunato, and Eduvigis Valdés**
1977. Introducción al estudio de los lepidópteros de Cuba. II Sección Macrolepidoptera. *Serie biológica. Academia de Ciencias de Cuba* 70: 1-64, 17 pls. [general]
- Alayón, Giraldo**
1987. See Armas, L. F. & G. Alayón, 1987.
1995. See Hernández, L. R. et al., 1995.
- Alayón, Giraldo, and Eduardo Solana**
1987. Lista de las mariposas diurnas (Lepidoptera: Rhopalocera) colectadas en la Reserva de la Biosfera "Cuchillas del Toa" (Holguín-Guantánamo), Cuba. *Garciana* (Holguín) 7: [2]-[4] (20 November)
- Albarrán, R.**
2002. See Flanagan, N. S. et al., 2002.
- Albert, Roland, Werner Huber, Harald Wolfgang Krenn, Lisa Maurer, Veronika Pemmer, Anton Weissenhofer and Martin Wiemers**
2010. *Butterflies of the Golfo Dulce Region, Costa Rica. Corcovado National Park. Piedras Blancas National Park. "Regenwald der Österreicher."* Wien, Verein zur Förderung der Tropenstation La Gamba. 76 pp., figs. (June) [general]
- Alberti, Burchard** [1898-1988]
1944. Über die v. Silbernagelschen *Colias*-Kreuzungen nebst Bemerkungen über die Phylogenie der Gattung *Colias*. *Mitteilungen der deutschen entomologischen Gesellschaft* 12(2/10): 45-56 (April) [general; distribution; Neotropics]
- Albornoz, Mónica María**
2018. See Acevedo, A. A. et al., 2018.
- Albre, Jérôme**
2015. See Legal, L. et al., 2015.
2017. See Legal, L. et al., 2017.
- Albuquerque, Nayara Silva Lins de**
2014. See Cruz, D. D. da et al., 2014.
- Alcantar, Georgina**
2003. See Bojórquez, L. A. et al., 2003.
- Alcántara, Daniel Máximo Correa de**
2016. See Souza, C. S. de et al., 2016.
- Alcántara-Ayala, Irasema**
2012. See López-García, J. & I. Alcántara-Ayala, 2012.
- Alcock, John** [1942- ]
- 1969a. See Cook, L. M. et al., 1969.
- 1969b. Observational learning by fork-tailed flycatchers (*Muscivora tyrannus*). *Animal Behaviour* 17(4): 652-657, 4 tabs. (November) [*Cystineura cana* Erichson, *Heliconius erato* (Linnaeus), *Anartia amathea* (Linnaeus); predation; Trinidad]
1971. See Brower, L. P. et al., 1971.
1983. See Thornhill, R. & J. Alcock, 1983.
- [1989]. The mating system of three territorial butterflies in Costa Rica. *Journal of Research on the Lepidoptera* 26(1/4): 89-97, 3 tabs. ("15 November 1988", [2 March 1989]) [*Celaenorrhinus approximatus* Williams & Bell, *Astrartes galesus casius* Evans, *Mesosemia asa asa* Hewitson]
- Aldana, Jorge Alberto**

1998. See Calvache, H. H. et al., 1998.
- Aldana, Jorge Alberto, Jairo Fajardo and Hugo Hernán Calvache**
1999. Evaluación de dos diseños de trampas para la captura de adultos de *Opsiphanes cassina* Felder (Lepidoptera: Brassolidae) en una plantación de palma de aceite. *Palmas* (Bogotá) 20(2): 23-29, 7 figs., 1 tab. [host plant; Colombia]
- Aldas, Ismael**
2015. See Attal, S. & I. Aldas, 2015.
- Aldasoro, Elda Miriam**
2009. *Etnoentomología*, pp. 299-304, figs., 3 tabs. In: Ceballos, G. & R. List (Eds.), *La diversidad biológica del Estado de México. Estudio de estado*. Toluca de Lerdo, Gobierno del Estado de México. [general]
- Aldrich, John Merton** [1866-1934]
1927. The dipterous parasites of the migratory locust of tropical America, *Schistocerca paranensis* Burmeister. *Journal of economic Entomology* 20(4): 588-593 (August) [*Calpodes ethlius* (Cramer); parasitoid; St. Vincent]
1932. New Diptera, or two-winged flies, from America, Asia, and Java, with additional notes. *Proceedings of the United States national Museum* 81(2932): 1-28, pl. 1 (30 June) [*Calpodes ethlius* (Cramer); parasitoid; Trinidad]
- Alemán, Jesús**
1885. Apuntes acerca de la mariposa del madroño *Eucheira socialis*, de Westorrol [sic]. *La Naturaleza* (México) 7(9): 152, (10): 153-155, pl. 1 (after March) [life history; Mexico]
- Alencar, Luciana Magalhães Rebêlo**
2015. See Ramos, M. V. et al., 2015.
- Alexander, Anne J.**
- 1961a. A study of the biology and behavior of the caterpillars, pupae and emerging butterflies of the subfamily Heliconiinae in Trinidad, West Indies. Part I. Some aspects of larval behavior. *Zoologica* (New York) 46(1): 1-24, 1 pl., 8 figs., 5 tabs. (28 April) [general; host plants; morphology]
- 1961b. A study of the biology and behavior of the caterpillars, pupae and emerging butterflies of the subfamily Heliconiinae in Trinidad, West Indies. Part II. Molting, and the behavior of pupae and emerging adults. *Zoologica* (New York) 46(3): 105-124, 1 pl., 3 figs., 9 tabs. (24 November) [general; morphology]
- Alexander, Laura G.**
2012. See DeVries, P. J. et al., 2012.
2014. See Penz, C. M. et al., 2014.
- Alexander, Laura G., and Philip James DeVries**
2012. Variation in capture height and trap persistence among three Costa Rican understorey butterfly species. *Journal of tropical Ecology* 28(6): 585-589, 1 fig., 3 tabs. (November; published online 22 November) [*Cithaerias pireta* (Stoll), *Dulcedo polita* (Hewitson), *Pierella helvina* (Hewitson); behavior]
- Alexander, Victoria N.**
2019. The mechanism for mimicry: Instant biosemiotic selection or gradual Darwinian fine-tuning selection? *Biosemiotics* 12(1): 39-55, 7 figs. (April; published online 21 February) [general]
- Alexandre, Talita Moretto**
- 2007a. See Cunha, F. et al., 2007a.
- 2007b. See Cunha, F. et al., 2007b.
2010. See Cunha, F. et al., 2010.
2014. See Cunha, F. et al., 2014.
- Alfaro, Anastasio** [1865-1951]
1915. La mariposa de la pacaya. *Revista chilena de Historia natural* 19(3/6): 89-93, fig. 12. ("May-December", after 10 November) [*Opsiphanes cassiae* (Linnaeus); life history; Costa Rica]
1920. Algunos insectos perjudiciales. *Revista de Costa Rica* 1/2: 218-221. [*Opsiphanes cassiae* (Linnaeus), *Pieris elodia* Boisduval; life histories; host plants; Costa Rica]
- 1940a. Orugas y mariposas. *Revista del Instituto de Defensa del Café de Costa Rica* 9(63): 284-287, figs. (January) [general; Costa Rica]
- 1940b. La vida de los insectos. *Revista del Instituto de Defensa del Café de Costa Rica* 10(69): 46-49, 1 fig. (July) [general; Costa Rica]
- 1940c. Insectos y flores. *Revista del Instituto de Defensa del Café de Costa Rica* 10(70): 113-116, figs. (August) [general; Costa Rica]
1945. La mariposa de alas azules. *Repertorio americano* (San José) 27(900): 10-11, figs. (June) [*Morpho peleides* Kollar; Costa Rica]
- Alfaro, Gabriela**
2012. See Martínez, D. E. & G. Alfaro, 2012.
- Alfaro, Manuel A.**
2008. See Badenes, F. R. et al., 2008.
- 2010a. See Badenes, F. R. et al., 2010.
- 2010b. See Hanson, P. E. et al., 2010.
- Ali, Jared G.**
2015. See Agrawal, A. A. et al., 2015.
- Aliaga, Marcelo Martín**
2014. See Céspedes, A. Á. et al., 2014.
- Aliaga, Jorge**
2001. See Leo, M. et al., 2001.
- Aliphat, Mario M.**
2011. See Acuña, A. M. et al., 2011.
- Alkins, Mary E.**
1979. See Bacon, P. R. et al., 1979.
- Allen, Cerisse E., Bas J. Zwaan and Paul Martin Brakefield**
2011. Evolution of sexual dimorphism in the Lepidoptera. *Annual Review of Entomology* 56: 445-464, 1 fig. (January; published online 7 September 2010) [general]
- Allen, Grace-Ann**
2009. See Garraway, E. et al., 2009.
- Allen, Grant** [1848-1899]
1892. Bates of the Amazons. *The Fortnightly Review* 58: 798-809 (December) [general; Brazil]
- Allen, John A.**
2002. See Smith, D. A. S. et al., 2002.
2003. See Lushai, G. et al., 2003.
- 2005a. See Smith, D. A. S. et al., 2005.
- 2005b. See Lushai, G. et al., 2005b.
- Allen, Pablo Esteban**
- 2010a. Group size effects on survivorship and adult development in the gregarious larvae of *Euselasia chrysippe* (Lepidoptera, Riodinidae). *Insectes sociaux* 57(2): 199-204, 2 figs., 1 tab. (May; published online 12 January) [host plant; Costa Rica]
- 2010b. See Hanson, P. E. et al., 2010.
2013. Survival patterns under Costa Rican field conditions of the gregarious caterpillar *Euselasia chrysippe* (Lepidoptera: Riodinidae), a potential biological control agent of *Miconia calvescens* (Melastomataceae) in Hawaii. *Journal of Research on the Lepidoptera* 45: 77-84, 4 figs., 3 tabs. ("31 December 2012", January 2013; published online 24 August 2012) [host plant]
- Allen, William L.**
2017. See Cuthill, I. C. et al., 2017.
- Allingham, Emily Grace** [1876-1964]
1924. *A romance of the rostrum. Being the business life of Henry Stevens and the history of Thirty-eight King Street, together with some account of famous sales held there during the last hundred years*. London, H. F. & G.

- Witherby. 333 pp., frontisp., 12 figs. [general; auctions]
- Allyn, Arthur Cecil, Jr.** [1913-1985]  
 1973. See Downey, J. C. & A. C. Allyn, Jr., 1973.  
 1975. See Downey, J. C. & A. C. Allyn, Jr., 1975.  
 1979. See Downey, J. C. & A. C. Allyn, Jr., 1979.  
 1980. See Downey, J. C. & A. C. Allyn, Jr., 1980.  
 1984. See Downey, J. C. & A. C. Allyn, Jr., 1984.
- Allyn, Arthur Cecil, Jr., Michel Barbier, Michèle Choussy and Miriam Louisa Rothschild**  
 1981. Have the blue bile pigments in the wing membranes of butterflies special function? *Antenna* 5(1): 29-31, 2 figs. (January) [*Philaethria dido* (Linnaeus)]
- Allyn, Arthur Cecil, Jr., and John Charles Downey**  
 1977. Observations on male U-V reflectance and scale ultrastructure in *Phoebis* (Pieridae). *Bulletin of the Allyn Museum* 42: 1-20, 17 figs. (10 May) [general]
- Almaraz, Marisol Esther**  
 2015. See León, J. L. et al., 2015.
- Almaraz, Marisol Esther, and Jorge Leonel León**  
 2013. *Ecología y conservación de Pterourus esperanza* (Insecta: Lepidoptera: Papilionidae) en la Sierra Norte de Oaxaca, pp. 605-610, 1 fig. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [Mexico]  
 2014. ¿Es *Pterourus esperanza* (Insecta: Lepidoptera) un insecto que responde a las variaciones de temperatura en un bosque de niebla? *Entomología mexicana* 1: 486-490, 1 fig., 1 tab. (July) [ecology; Mexico]
- Almaraz, Marisol Esther, Jorge Leonel León and Arcángel Molina**  
 2013. The population ecology and conservation of *Pterourus esperanza* (Insecta: Lepidoptera): An ancestral swallowtail butterfly in the Northern Sierra of Oaxaca, Mexico. *Annals of the entomological Society of America* 106(6): 753-760, 4 figs., 3 tabs. (November) [distribution]
- Almeida, Adriana Monteiro de, and Rodolfo Antônio de Figueiredo**  
 2003. Ants visit nectaries of *Epidendrum denticulatum* (Orchidaceae) in a Brazilian rainforest: Effects on herbivory and pollination. *Brazilian Journal of Biology* 63(4): 551-558, 1 fig., 1 tab. (30 November) [*Heliconius erato* (Linnaeus), *Euphyes leptosema* (Mabille), *Urbanus*]
- Almeida, Adriana Monteiro de, Carlos Roberto Fonseca, Paulo Inácio Prado, Mário Almeida-Neto, Soraia Diniz, Umberto Kubota, Marina Reiter Braun, Rafael Luís Galdini Raimundo, Luciano Alves dos Anjos, Tehra Gomes Mendonça, Sílvia de Melo Futada and Thomas Michael Lewinsohn**  
 2006. Assemblages of endophagous insects on Asteraceae in São Paulo cerrados. *Neotropical Entomology* 35(4): 458-468, 6 figs., 3 tabs. (August) [Lycaenidae; Brazil]
- Almeida, Almir Cândido de, and André Victor Lucci Freitas**  
 2012. *Lepidoptera. Borboletas e mariposas do Brasil*. São Paulo, Exclusiva Publicações Ltda. 298 pp., figs. [general]
- Almeida, André Cirilo de Sousa**  
 2015. See Nogueira, L. et al., 2015.  
 2018. See Nogueira, L. et al., 2018.
- Almeida, Argus Vasconcelos de**  
 2007. Insetos brasileiros comentados pelos cronistas coloniais: séculos XVI e XVII. *Sitientibus (Ciências Biológicas)* 7(1): 113-124 (January-March) [Pieridae, Morphinae]
- Almeida, Argus Vasconcelos de, and Paulo Fernando Fragoso de Carvalho**  
 2002. *Os insetos de Marcgrave (1610 – c. 1644)*. Recife, Universidade Federal Rural de Pernambuco. 108 pp., 57 figs., 5 tabs. [general; history; Brazil]
- Almeida, Chrystian Iezid Maia e**  
 2012a. See Leite, G. L. D. et al., 2012a.  
 2012b. See Leite, G. L. D. et al., 2012b.
- Almeida, Dina Mascarenhas de**  
 1969. Revisão bibliográfica dos insetos da bananeira. *Boletim do Instituto de Investigação científica de Angola* (Luanda) 6(1): 41-48. [general; parasitoids; South America]
- Almeida, Gabriela Cristina Fonseca**  
 2017. See Martins, L. P. et al., 2017a.
- Almeida, Gilberto de Souza Soares de**  
 2006. See Tavares, M. T. et al., 2006.  
 2016. See Seraphim, N. et al., 2016.
- Almeida, Gilberto de Souza Soares de, Maria Cristina Caleffi de Almeida, Samuel Veríssimo, Christina Lopes de Souza and José de Almeida Júnior**  
 1986a. Parasitismo de *Euexorista brasiliensis* (Diptera, Tachinidae) em *Danaus* (*Danaus*) *erippus* (Cramer, [1775]) (Lepidoptera, Nymphalidae) e como um novo inimigo natural em *Danaus* (*Anosia*) *gillippus* (Cramer, [1775]) (Lepidoptera, Nymphalidae). *Ciência e Cultura* 38(9): 1594-1596, 1 tab. (September) [host plant; Brazil]
- Almeida, Gilberto de Souza Soares de, Marta Susana Loiacono, Cecília Beatriz Margaría and Ricardo Ferreira Monteiro**  
 2015. A new species of *Telenomus* Haliday (Hymenoptera: Platygasteridae) egg parasitoid of *Parides ascanius* (Cramer) (Lepidoptera: Papilionidae), a threatened species from Brazil. *Zootaxa* 3986(3): 387-392, 7 figs. (17 July) [host plant]
- Almeida, Gilberto de Souza Soares de, and Christina Lopes de Souza**  
 1985. Parasitismo de *Euexorista brasiliensis* (Dipt., Tachinidae) em *Danaus plexippus erippus* (Lep., Nymphalidae) e *Danaus gillippus gillippus* [sic] (Lep., Nymphalidae) em Maringá, PR. *Resumos XII Congresso brasileiro de Zoologia* (Campinas), pp. 128-129. [Brazil]
- Almeida, Gilberto de Souza Soares de, Richard Raby, Luiza de Moraes Magaldi and André Victor Lucci Freitas**  
 2018. A new record of the rare Atlantic forest endemic butterfly *Adelpha atlantica* (Nymphalidae: Limenitidinae). *Journal of the Lepidopterists' Society* 72(3): 249-251, 2 figs. (5 September) [Brazil]
- Almeida, Gilberto de Souza Soares de, Christina Lopes de Souza and Elineide Eugenio Marques**  
 1985. Levantamento preliminar das espécies de borboletas (Lepidoptera) de ocorrência em Maringá (PR). *Resumos XII Congresso brasileiro de Zoologia* (Campinas), pp. 148-149. [general; Brazil]  
 1986b. Levantamento preliminar das espécies de borboletas (Rhopalocera) de ocorrência em Maringá (PR): I. Papilionoidea. *Revista Unimar* (Maringá) 8(1): 29-36 (October) [general; Brazil]
- Almeida, Gisele Luziane de**  
 2001. See Duarte, M. et al., 2001.  
 2006. See Duarte, M. & G. L. de Almeida, 2006.
- Almeida, Jadson Cardoso de**  
 2017. See Carvalho Neto, M. F. de et al., 2017.
- Almeida, José Mário de**  
 2000. See Otero, L. S. et al., 2000.
- Almeida, Luis Felipe de**  
 2015. See Aguirre, H. et al., 2015.
- Almeida, Maria Christina de** [1954-2018]  
 2006. See Barbola, I. de F. et al., 2006.
- Almeida, Maria Cristina Caleffi de**  
 1986. See Almeida, G. de S. S. de et al., 1986a.
- Almeida, Raul Porfirio de**  
 1995. See Lübeck, G. M. et al., 1995.

- Almeida, Viviane Tavares de**  
2014. See Cunha, F. et al., 2014.
- Almeida-Cortez, Jarcilene**  
2005. See Barbosa, V. S. et al., 2005.
- Almeida Júnior, José de**  
1986. See Almeida, G. de S. S. de et al., 1986a.
- Almeida-Neto, Mário**  
2006. See Almeida, A. M. de et al., 2006.  
2016. See Scherrer, S. et al., 2016.
- Almeida-Soares, Stela, Leandro Pereira Polatto, João Clovis Stanzani Dutra and Helena Maura Torezan-Silingardi**  
2010. Pollination of *Adenocalymma bracteatum* (Bignoniaceae): Floral biology and visitors. *Neotropical Entomology* 39(6): 941-948, 1 fig., 2 tabs. (December) [Hesperiidae; Brazil]
- Alomía, José Manuel**  
2015. Sistema de policultivo de plantas hospederas de lepidópteros comerciales en condiciones de campo abierto en la zona de Satipo. *Prospectiva universitaria* (Huancayo) 10(1/2): 106-111, 7 figs., 2 tabs. ("January-December 2013", 2015) [*Papilio thoas* Linnaeus, *Dione juno* (Cramer); host plants; Peru]
- Alonso, Alfonso**  
1988. See Glendinning, J. I. et al., 1988.  
1995. See Brower, L. P. et al., 1995.  
[1999]. See Valencia, G. & A. Alonso, [1999].
- Alonso, Alfonso, and Leeanne E. Alonso**  
1999. *Scientific research and social investigation priorities for the Monarch Butterfly Special Biosphere Reserve: Recommendations*, pp. 183-194, 1 tab. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Alonso, Alfonso, Alfredo Arellano and Lincoln Pierson Brower**  
1992. Influence of temperature, surface body moisture and height aboveground on survival of monarch butterflies overwintering in Mexico. *Biotropica* 24(3): 415-419, 1 fig., 1 tab. (September) [*Danaus plexippus* (Linnaeus)]
- Alonso, Alfonso, John I. Glendinning and Lincoln Pierson Brower**  
1993. The influence of temperature on crawling, shivering, and flying in overwintering Monarch butterflies in Mexico. *Science Series. Natural History Museum of Los Angeles County* 38: 309-314, 6 figs., 1 tab. (18 February) [*Danaus plexippus* (Linnaeus)]
- Alonso, Alfonso, and Mónica Márquez**  
1994. Dragonfly predation on butterflies in a tropical dry forest. *Biotropica* 26(3): 341-344, 1 tab. (September) [general; Costa Rica]
- Alonso, Alfonso, Eneida B. Montesinos, Eduardo Rendón, Lincoln Pierson Brower and Ken Oyama**  
1998. Influence of [sic] forest canopy closure on rates of bird predation on overwintering Monarch butterflies *Danaus plexippus* L. *Biological Conservation* 85(1/2): 151-159, 1 fig., 2 tabs. (July-August) [Mexico]
- Alonso, Alfonso, Eduardo Rendón and Eneida B. Montesinos**  
1995. Realidades energéticas de la Mariposa Monarca. *Ciencias* (México) 39: 48-49, 1 fig. [*Danaus plexippus* (Linnaeus); ecology; conservation; Mexico]
- Alonso, Alfonso, Eduardo Rendón, Eneida B. Montesinos and Lincoln Pierson Brower**  
1997. Use of lipid reserves by Monarch butterflies over-wintering in Mexico: Implications for conservation. *Ecological Applications* 7(3): 934-947, 5 figs., 2 tabs. (August) [*Danaus plexippus* (Linnaeus)]
- Alonso, Alfonso, and Gorky Valencia**  
[1999]. *Diurnal butterflies (Lepidoptera: Rhopalocera): Biodiversity assessment in the Lower Urubamba Region*, pp. 115-126, 2 figs. In: Dallmeier, F. & A. Alonso (Eds.), *Biodiversity assessment and long-term monitoring, Lower Urubamba Region, Peru. San Martin-3 and Cashiriari-2 well sites*. Washington, D.C., Smithsonian Institution/MAB Biodiversity Program. (SI/MAB Series 1). ("1997"; distributed in [1999]) [general; Peru]
- Alonso, Ana Paula de Oliveira**  
2011. See Martins, V. F. et al., 2011.
- Alonso, Gabriela**  
2002. See Dorado, Ó. et al., 2002.  
2009. See Dorado, Ó. et al., 2009.
- Alonso, Leeanne E.**  
1999. See Alonso, A. & L. E. Alonso, 1999.
- Alonso, Miguel E., Jorge Luis Ávila, Lisday Duarte and Alberto Oliveros-Bastidas**  
2006. Hydrogen cyanide release during feeding of generalist and specialist lepidopteran larvae on a cyanogenic plant, *Passiflora capsularis*. *Physiological Entomology* 31(4): 307-315, 4 figs., 1 tab. (November; published online 26 July) [*Heliconius erato* (Linnaeus); host plant; Venezuela]
- Alonso, Osmel, and Juan Carlos Lezcano**  
2014. Artrópodos asociados a *Jatropha curcas* Linnaeus. Funciones y estrategia para su manejo. *Pastos y Forrajes* 37(1): 3-16, 2 tabs. [English version, pp. 74-86] (March) [general; host plant; pollination; Mexico]
- Alonso-Bran, Reynerio Adrián**  
2018a. See Morales-Morales, C. J. et al., 2018a.  
2018b. See Morales-Morales, C. J. et al., 2018b.  
  
2019. See Morales-Morales, C. J. et al., 2019.
- Alphéraky, Sergei Nicolaevitch** [1850-1918]  
1883. Ueber die Gattung *Colias* F. Entgegnung auf den vom Herrn Gerichtsath A. Keferstein in den Verhandlungen der K. K. zoolog. botan. Gesellschaft Band XXXII pag. 449 publicirten Ausatz. *Stettiner entomologische Zeitung* 44(10/12): 488-495 (mid July) [*Colias cerbera* C. Felder & R. Felder]
- Alschuler, Rebecca**  
2012. See Maroja, L. S. et al., 2012.
- Alsina, María Griselda**  
1973. See Pace, M. J. di et al., 1973.
- Alsina, María Griselda, María J. di Pace, Carlos Bernstein, Pedro E. Cuello, Santiago A. Ezcurra and Miguel F. Villarreal**  
1973. Medida de desplazamiento de larvas de quinto estadio de la isoca de la alfalfa (*Colias lesbia* F.), marcadas con <sup>198</sup>Au y localización de sus pupas. *Idia* (Buenos Aires) 303: 21-27, 2 figs., 5 tabs. (March) [radioisotope tracing; Argentina]
- Alston-Smith, Scott**  
1990. See Cock, M. J. W. & S. Alston-Smith, 1990.  
2013. See Cock, M. J. W. & S. Alston-Smith, 2013.  
2017. See Cock, M. J. W. & S. Alston-Smith, 2017.  
2019. See Cock, M. J. W. & S. Alston-Smith, 2019.
- Alston-Smith, Scott, and Matthew J. W. Cock**  
2011. Mass movement of *Nicolaea besidia* (Hewitson) (Lepidoptera: Lycaenidae), a species not previously recorded from Trinidad, West Indies. *Living World* 2011: 75-77, 1 fig. [behavior]
- Altizer, Sonia M.**  
1995. See Brower, L. P. et al., 1995.  
2001. Migratory behaviour and host-parasite co-evolution in natural populations of Monarch butterflies infected with a protozoan parasite. *Evolutionary Ecology Research* 3(5): 611-632, 4 figs., 9 tabs. (July) [*Danaus plexippus*

- (Linnaeus); Mexico]
2005. See Bradley, C. A. & S. M. Altizer, 2005.
2011. See Bartel, R. A. et al., 2011.
2012. See Davis, A. K. et al., 2012.
- 2014a. See Zhan, S. et al., 2014.
- 2014b. See Pierce, A. A. et al., 2014.
- 2015a. See Oberhauser, K. S. et al., 2015a.
- 2015b. See Pierce, A. A. et al., 2015.
- 2017a. See Flockhart, D. T. T. et al., 2017a.
- 2017b. See Flockhart, D. T. T. et al., 2017b.
2019. See Majewska, A. A. & S. M. Altizer, 2019.
- Altizer, Sonia M., and Andrew K. Davis**
2010. Populations of monarch butterflies with different migratory behaviors show divergence in wing morphology. *Evolution* 64(4): 1018-1028, 4 figs., 3 tabs. (April; published online 27 August) [*Danaus plexippus* (Linnaeus); Puerto Rico, Costa Rica]
- Altizer, Sonia M., Keith A. Hobson, Andrew K. Davis, Jacobus C. de Roode and Leonard I. Wassenaar**
2015. Do healthy monarchs migrate farther? Tracking natal origins of parasitized vs. uninfected monarch butterflies overwintering in Mexico. *PLoS ONE* 10(11)(e0141371): 1-14, 3 figs. (25 November) [*Danaus plexippus* (Linnaeus)]
- Altizer, Sonia M., and Jacobus C. de Roode**
2010. When butterflies get bugs: The ABCs of lepidopteran disease. *American Butterflies* 18(2): 16-26, figs. [*Danaus plexippus* (Linnaeus); Mexico]
2015. *Monarchs and their debilitating parasites. Immunity, migration, and medicinal plant use*, pp. 83-93, 4 figs. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Neotropics]
- Altizer, Sonia M., and Karen Suzanne Oberhauser**
1999. Effects of the protozoan parasite *Ophryocystis elektroscirrha* on the fitness of Monarch butterflies (*Danaus plexippus*). *Journal of Invertebrate Pathology* 74(1): 76-88, 9 figs., 3 tabs. (July) [Mexico]
- Altizer, Sonia M., Karen Suzanne Oberhauser and Lincoln Pierson Brower**
1999. *Host migration and the prevalence of the protozoan parasite, Ophryocystis elektroscirrha, in natural populations of adult monarch butterflies*, pp. 165-176, 7 figs., 3 tabs. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico, Cuba, Trinidad, Colombia, Venezuela]
2000. Associations between host migration and the prevalence of a protozoan parasite in natural populations of adult monarch butterflies. *Ecological Entomology* 25(2): 125-139, 9 figs., 4 tabs. (May) [*Danaus plexippus* (Linnaeus); Mexico]
- Alvanes, Y. A.**
2019. See Sermeño, J. M. et al., 2019.
- Alvarado, Edgar**
2007. See Inclán, D. J. et al., 2007.
2008. See Inclán, D. J. et al., 2008.
- Alvarado, Guillermo**
1968. Observaciones sobre algunas plagas encontradas en cultivos de arroz del Estado Portuguesa. *Boletín técnico de la Estación experimental Araure* (Portuguesa, Venezuela) 12: [i] + 1-24 (September) [Hesperiidae; Venezuela]
- Alvarado, Juan Antonio**
1939. *Los insectos dañinos y los insectos auxiliares de la agricultura en Guatemala*. Guatemala, Tipografía Nacional. 301 pp., figs. (May) [*Pieris protodice* Boisduval and Le Conte; host plants; egg, larva, pupa, imago; behavior; parasitoids]
- Alvarado, Manuel**
1984. See Ramos, J. et al., 1984.
- Alvarenga, Clarice Diniz**
2016. See Souza, A. R. de et al., 2016.
- Alvarenga, Elson Santiago de**
2008. See Paula, V. F. de et al., 2008.
2017. See Moreno, S. C. et al., 2017.
2018. See Lopes, M. C. et al., 2018.
- Alvarenga, Moacir [1914-2010]**
1962. A entomofauna do arquipélago de Fernando de Noronha, Brasil -I. *Arquivos do Museu nacional* (Rio de Janeiro) 52: 21-25 (July) [*Tarucus hanno* (Stoll)]
- Alvarenga, Priscilla Peixoto**
2013. See Rios, G. G. et al., 2013.
- Alvarez, Adelino, Filho**
1979. See Link, D. & A. Alvarez, Filho, 1979.
- Álvarez, Alonso**
1989. See Posada, L. et al., 1989.
- Álvarez, Ángel D.**
2002. See Reyes, E. E. et al., 2002.
- Álvarez, Antenor [1864-1948]**
1919. *Flora y Fauna de la Provincia de Santiago del Estero*. Santiago del Estero, Author. 176 pp., figs. [general; Argentina]
- Álvarez, Carlos Federico**
2014. See Marín, M. A. et al., 2014.
2015. See Marín, M. A. et al., 2015.
2016. See Pyrcz, T. W. et al., 2016b.
2017. See Marín, M. A. et al., 2017a.
- Álvarez, Carlos Federico, Alejandra Clavijo, Héctor Rojas, Sandra Inés Uribe, Tomasz Wilhelm Pyrcz and Mario Alejandro Marín**
2017. Aporte del área de influencia del páramo de Belmira (Santa Inés) a la diversidad regional de Pronophilina (Lepidoptera: Satyrinae) del norte de los Andes. *Revista mexicana de Biodiversidad* 88(2): 402-409, 3 figs., 2 tabs. (June; published online 2 May) [general; Colombia]
- Álvarez, Carlos Federico, Luz Miryam Gómez, Andrés López, Brian Carl Bock and Sandra Inés Uribe**
2005. Estructura genética de mariposas en un paisaje fragmentado: Una aproximación al manejo ambiental en Porce (Antioquia, Colombia). *Revista lasallista de Investigación* 2(1): 27-32, 3 figs., 2 tabs. (after 19 July) [*Hypoleria vanilia* (Herrich-Schäffer), *Euptychia hermes* (Fabricius)]
- Álvarez, Hugo, Adolfo Ibarra and Patricia Escalante**
2016. Riqueza y distribución altitudinal de las mariposas de la Sierra Mazateca, Oaxaca (Lepidoptera: Papilionoidea). *Acta zoológica mexicana* (N. S.) 32(3): 323-347, 5 figs., 5 tabs. (December) [general; Mexico]
- Álvarez, Hugo, José Luis Salinas, Moisés Armando Luis and Adolfo Ibarra**
2014. New records and notes about *Splendeuptychia kendalli* L. Miller, 1978 (Satyrinae: Satyrini: Euptychiina) in Mexico. *Southwestern Entomologist* 39(2): 337-341, 2 figs. (June)
- Álvarez, Hugo, Jorge Servín and Jesús Sánchez**
2017. Mariposas diurnas (Lepidoptera: Papilionoidea) del Parque Nacional Sierra de Órganos, Zacatecas, México. *Entomología mexicana* 4: 490-497, 2 figs., 2 tabs. (July) [general]
- Álvarez, Humberto**
2004. See Heredia, M. D. & H. Álvarez, 2004.
2007. See Heredia, M. D. & H. Álvarez, 2007.
- Álvarez, Jaime A.**

2000. See Andrade, M. G. & J. A. Álvarez, 2000.
- Álvarez, José Luis**  
1999. See Rashin, E. et al., 1999.  
2004. See Van Bael, S. A. et al., 2004.
- Álvarez, Miguel** [1917-1996]  
1952. *Los animales silvestres de Chiapas*. Tuxtla Gutiérrez, Chiapas, Departamento de Prensa y Turismo. 253 pp., 4 pls., 119 figs., 2 maps (31 May) [*Morpho*; Mexico]
- Álvarez, Nadir**  
2017. See Pellissier, L. et al., 2017.
- Álvarez, Otoniel**  
1993. See Parada, E. et al., 1993.
- Álvarez, Sandra M.**  
2013. See Carrero, D. A. & S. M. Álvarez, 2013.
- Álvarez, Sandra M., Diego Armando Carrero and Aldemar Alberto Acevedo**  
2013b. Variación morfogeométrica alar de tres especies de mariposas del género *Fountainea* (Nymphalidae: Charaxinae) de un bosque seco, Colombia. *Entomotropica* 28(2): 172 (August) [abstract]
- Álvarez, Sandra M., Luis Roberto Sánchez, Miguel Gonzalo Andrade and Diego Armando Carrero**  
2013a. Diversidad de mariposas (Lepidoptera: Papilionoidea) en estados serales de un bosque seco en La Garita, Norte de Santander, Colombia. *Entomotropica* 28(2): 147 (August) [abstract]
- Álvarez-Corral, José Ramón**  
1984. See Álvarez-Sierra, J. R. & J. R. Álvarez-Corral, 1984.
- Álvarez-Flores, Miryam Paola**  
2016. See Villas-Boas, I. M. et al., 2016.
- Álvarez-Pérez, Pedro José**  
2019. See Ricardo-Molina, J. C. et al., 2019.
- Álvarez-Sierra, José Ramón**  
1987. Las mariposas, esas ágiles voladoras. *Natura* (Caracas) 81: 6-9, figs. [general]
- Álvarez-Sierra, José Ramón, and José Ramón Álvarez-Corral**  
1984. *Mariposas diurnas de Venezuela. Introducción a su conocimiento*. Caracas, Editorial Arte. 200 pp., 19 pls., 45 figs. (27 February) [general; life histories]
- Alves, Elio José**  
1984. See Mesquita, A. L. M. & E. J. Alves, 1984.
- Alves, Luis Francisco Angeli**  
2016. See Pizzatto, M. et al., 2016.
- Alves, Maria Alice dos Santos**  
2003. See Lagos, A. R. et al., 2003.
- Alves, Marcos Nopper**  
2012. See Arab, A. et al., 2012.
- Alves, Marcos Nopper, Adilson Sartoratto and José Roberto Trigo**  
2007. Socopolamine in *Brugmansia suaveolens* (Solanaceae): Defense, allocation, costs, and induced response. *Journal of chemical Ecology* 33(1): 297-309, 4 figs., 2 tabs. (February; published online 29 December 2006) [*Placidina euryanassa* (Felder & Felder); host plant; Brazil]
- Alves, Sérgio Batista, Solange Aparecida Vieira and Evoneo Berti, Filho**  
1994. Ocorrência de *Paecilomyces* spp. no Brasil. *Revista de Agricultura* (Piracicaba) 69(1): 113-115, 1 tab. [*Brassolis sophorae* (Linnaeus), *Chlosyne lacinia* (Geyer); pathogens]
- Alves, Tatiana Couto Castro**  
2012. See Silva, A. R. M. et al., 2012.
- Alves, Tatiane Gisele**  
2010a. See Monteiro, R. F. et al., 2010.  
2010b. See Duarte, M. et al., 2010.
- Alves-Araújo, Anderson**  
2019. See Freitas, J. et al., 2019.
- Alves-Silva, Estevão**  
2013a. See Bächtold, A. & E. Alves-Silva, 2013.  
2013b. See Bächtold, A. et al., 2013.  
2014. See Bächtold, A. et al., 2014b.  
2016. See Bächtold, A. et al., 2016.  
2017. See Bächtold, A. et al., 2017b.
- Alves-Silva, Estevão, Alexandra Bächtold and Kleber Del-Claro**  
2017. Florivorous caterpillars act as ecosystem engineers and provide a cool microhabitat for thrips in *Peixotoa tomentosa* (Malpighiaceae). *Tropical Ecology* 58(1): 205-209, 2 figs. (January) [*Allosmaitia strophius* (Godart); host plant; Brazil]
2018. Florivorous myrmecophilous caterpillars exploit an ant-plant mutualism and distract ants from extrafloral nectaries. *Austral Ecology* 43(6): 643-650, 4 figs. (September; published online 21 April) [*Synargis calyce* (C. Felder & R. Felder); host plant; Brazil]
- Alves-Silva, Estevão, Alexandra Bächtold, Guryan Jackson Barônio and Kleber Del-Claro**  
2013. Influence of *Camponotus blandus* (Formicinae) and flower buds on the occurrence of *Parrhasius polibetes* (Lepidoptera: Lycaenidae) in *Banisteriopsis malifolia* (Malpighiaceae). *Sociobiology* 60(1): 30-34, 2 figs. [host plant; Brazil]
- Alvim, Galdino Brandão**  
1945. See Rego, C. do V. et al., 1945.  
1951. See Rego, C. do V. et al., 1951.  
1952a. See Rego, C. do V. et al., 1952a.  
1952b. See Rego, C. do V. et al., 1952b.  
1952c. See Rego, C. do V. et al., 1952c.
- Alzugaray, Rosario, and Adela Ribeiro**  
2000. Insectos en pasturas, pp. 13-30, 12 figs., 3 tabs. In: Zerbino, M. S. & A. Ribeiro (Eds.), Manejo de plagas en pasturas y cultivos. *Serie técnica. Instituto Nacional de Investigación Agropecuaria* (Montevideo) 112. [*Colias lesbia* (Fabricius); Uruguay]
- Amabile, Renato Fernando**  
2001. See Camargo, A. J. A. de & R. F. Amabile, 2001.
- Amador, Manuel**  
2013. See Sánchez, N. V. et al., 2013.
- Amante, Elpidio** [1933-1978]  
1973. See Fonseca, J. P. da & E. Amante, 1973.
- Amar, Emmanuel**  
2014. Quelques observations sur la biologie et les premiers états d'*Helicopsis cupido* (Linné, 1758) en Guyane (Lepidoptera: Riodinidae). *Lépidoptères* (Paris) 23(57): 36-39, 14 figs. (May) [larva, pupa, imago; host plant; behavior]
- Amaral, Ayrton, Jr.**  
1983. See Maimoni-Rodella, R. de C. S. et al., 1983.
- Amaral, Juliano Geraldo**  
2019. See Gallon, M. E. et al., 2019.
- Amaral, Maria do Carmo Estanislau do**  
2008a. See Pansarin, E. R. & M. do C. E. do Amaral, 2008a.  
2008b. See Pansarin, E. R. & M. do C. E. do Amaral, 2008b.
- Amaral, Moisés** [1859-1933]  
1930. La distribución geográfica de los insectos chilenos. *Revista universitaria. Universidad católica de Chile* 15(9): 1156-1170 (December) [*Argyrophorus argenteus* Blanchard]
1932. Insectos colectados en las Termas de Catillo (Febrero de 1931). *Revista universitaria. Universidad católica de Chile* 17(2): 104-108 (May) [general; Chile]
- Amarillo, Angela Rocío**  
1997a. See Johnson, K. D. & A. R. Amarillo, 1997.  
1997b. See Fagua, G. et al., 1997.  
1999. See Fagua, G. et al., 1999.

- Amarillo, Angela Rocío, and Miguel Gonzalo Andrade**  
1996. *Clave sinóptica para las familias y subfamilias de mariposas y polillas colombianas*, pp. 117-147, figs. In: Andrade, M.G., G. D. Amat & F. Fernández (Eds.), *Insectos de Colombia. Estudios escogidos*. Bogotá, Academia Colombiana de Ciencias Exactas, Físicas y Naturales (Colección Jorge Álvarez Lleras, N° 10) (September) [general]
- Amat, Eduardo**  
2007. See Amat, G. D. et al., 2007.
- Amat, Germán Domingo**  
1992. See Andrade, M. G. & G. D. Amat, 1992.  
1996. See Andrade, M. G. & G. D. Amat, 1996.  
2000. See Andrade, M. G. & G. D. Amat, 2000.  
2007. See Andrade, M. G. et al., 2007.
- Amat, Germán Domingo, Miguel Gonzalo Andrade and Eduardo Amat**  
2007. *Libro rojo de los invertebrados terrestres de Colombia*. Bogotá, Universidad Nacional de Colombia. 215 pp., figs. [general]
- Amat, Germán Domingo, Fernando Fernández and Miguel Gonzalo Andrade**  
1999. *Un vistazo actual a la taxonomía de insectos en Colombia (Coleoptera, Hymenoptera y Lepidoptera)*, pp. 13-33, tabs. 1, 3-5. In: Amat, G. D., M. G. Andrade & F. Fernández (Eds.), *Insectos de Colombia. Volumen II*. Bogotá, Academia Colombiana de Ciencias exactas, físicas y naturales. (Colección Jorge Álvarez Lleras, 13) (November) [general]
- Amat, Germán Domingo, Fernando Fernández, Larry Jiménez, Irina Tatiana Morales, Nancy Rojas and Nathaly Devia**  
2010. *Entomofauna terrestre y semiacuática de las ciénagas de los ríos Sinú y San Jorge (Departamento de Córdoba, Colombia)*, pp. 417-428, figs. 163-164, tabs. 163-170. In: Rangel, J. O. (Ed.), *Colombia. Diversidad biótica IX. Ciénagas de Córdoba: Biodiversidad, ecología y manejo ambiental*. Bogotá, Universidad Nacional de Colombia, Instituto de Ciencias Naturales. [general]
- Ambard, William Anthony Francis ("Frank")** [ -1967]  
1958-59. Butterflies of Trinidad. *Shell Trinidad* 5(5): 13-16, figs. (December 1958), (6): 13-16, figs. (March 1959), (7): 13-16, figs. (June 1959), (8): 13-16, figs. (September 1959), (9): 13-16, figs. (December 1959) [general]  
1961. Our garden butterflies. *Journal of the Trinidad and Tobago Field Naturalists' Club* 1961: 5-6. [general; Trinidad]
- Ambrogi, Bianca Giuliano, Delia Milagros Pinto-Zevallos, Jessica de Carvalho Leite, Leandro de Sousa Souto, Abel Felipe de Oliveira Queiroz and Sinara Maria Moreira**  
2016. Trail-following behaviour and biological aspects of the gregarious caterpillar *Brassolis sophorae* (Lepidoptera: Nymphalidae). *Austral Entomology* 55(4): 366-370, 3 figs., 1 tab. (22 November; published online 22 March) [host plants; Brazil]
- Ambrosano, Edmilson José**  
2007. See Guirado, N. et al., 2007.
- Ambrósio, Sérgio Ricardo, Yumi Oki, Vladimir Constantino Gomes Heleno, Juliana Siqueira Chaves, Paulo Gustavo Barboni Dantas Nascimento, Juliana Espada Lichston, Mauricio Gomes Constantino, Elenice Mouro Varanda and Fernando Batista Da Costa**  
2008. Constituents of glandular trichomes of *Tithonia diversifolia*: Relationships to herbivory and antifeedant activity. *Phytochemistry* 69(10): 2052-2060, 5 figs., 3 tabs. (July; published online 24 May) [*Chlosyne lacinia* (Geyer); host plant; Brazil]
- Amorim, Felipe Wanderley**  
2010. See Maruyama, P. K. et al., 2010.
- Amsel, Hans Georg** [1905-1999]  
1935. Zur Kenntnis der geographischen Verbreitung von *Callitaera rubina* Fassl und *C. phantoma* Fassl (Lepidoptera, Satyridae). *Veröffentlichungen aus dem deutschen Kolonial- und Uebersee-Museum in Bremen* 1(2): 202. [Brazil]
- An, Shun**  
2018. See Rodríguez, R. E. et al., 2018.
- Ancona, Leopoldo** [1903- ]  
1934a. Los gusanitos del maguey. *Aegiale (Acentrocneme hesperiaris)* Kirby [sic]. *Anales del Instituto de Biología de México* 5(3): 193-200, 11 figs. [egg, larva, pupa, imago; host plants; Mexico]  
1934b. Histología de los gusanitos de maguey. Orugas de *Aegiale (Acentrocneme) hesperiaris* Kirby [sic]. *Anales del Instituto de Biología de México* 5(4): 353-361, 10 figs. [Mexico]  
1935. Nota acerca de las células lisígenas y fagocitarias de las crisálidas de *Aegiale (Acentrocneme) hesperiaris* Kirby [sic]. *Anales del Instituto de Biología de México* 6(3/4): 193-199, 4 figs. [Mexico]
- Anderson, James B.**  
1989. See Calvert, W. H. et al., 1989.  
1993. See Arellano, A. et al., 1993.
- Anderson, James B. and Lincoln Pierson Brower**  
1993. Cold-hardiness in the annual cycle of the Monarch butterfly. *Science Series. Natural History Museum of Los Angeles County* 38: 157-164, 1 fig., 4 tabs. (18 February) [*Danaus plexippus* (Linnaeus); Mexico]  
1996. Freeze-protection of overwintering monarch butterflies in Mexico: critical role of the forest as a blanket and an umbrella. *Ecological Entomology* 21(2): 107-116, 4 figs., 3 tabs. (May) [*Danaus plexippus* (Linnaeus)]
- Anderson, Michael**  
2015. See Oberhauser, K. S. et al., 2015b.
- Anderson, Richard A.** [1938- ]  
1974. Three new United States records (Lycaenidae and Nymphalidae) and other unusual captures from the lower Florida Keys. *Journal of the Lepidopterists' Society* 28(4): 354-358, 3 figs. (27 December) [general; West Indies]  
1991. See Calhoun, J. V. & R. A. Anderson, 1991.  
2007. A list of Hesperiidae collected in Nicaragua, 1973-1976. *Bulletin of the Allyn Museum* 146: 1-19, 1 map (21 August) [general]  
2008. A new species of *Niconiades* from Nicaragua (Lepidoptera: Hesperiidae). *Bulletin of the Allyn Museum* 159: 1-5, 7 figs. (12 December) [*N. bifurcus*]  
2012. See Robbins, R. K. et al., 2012b.  
2014. A new species of *Panoquina* from Panama (Lepidoptera: Hesperiidae, Hesperinae, Calpodini). *Tropical Lepidoptera Research* 24(1): 1-3, 2 figs. (20 June) [*P. danish*]
- Anderson, Richard A., George Traut Austin and Andrew David Warren**  
2008. A female *Haemactis* Mabille, 1903, from Central America (Hesperiidae: Pyrginae). *Bulletin of the Allyn Museum* 153: 1-5, 5 figs. (9 May) [Costa Rica, Nicaragua]
- Anderson, Richard A., Ichiro Nakamura and Donald James Harvey**  
2019. Description of a new species of the genus *Psoralis* Mabille, 1904 with a note on two other Panamanian species of the genus (Lepidoptera: Hesperiidae: Hesperinae: Moncini). *Tropical Lepidoptera Research* 29(2): 74-78, 5 figs. (published online 28 October) [*P. panamensis*, *P. darienensis* Gaviña, Siewert, Mielke & Casagrande, *P. mirnae* Siewert, Nakamura & Mielke; Guatemala, Costa Rica]

**Anderson, Robert**

2011. See Shuey, J. A. & R. Anderson, 2011.

**Anderson, Robert B.**

1995. Shoeflies. *Natural History* (New York) 104(4): 88-89, 1 fig. (April) [Pieridae; behavior; Amazon]

**Anderson, Sophia**

2015. See Oberhauser, K. S. et al., 2015b.

**Anderson, Thomas Foxen [1911-1991], and Albert Glenn Richards, Jr.**

1942a. Nature through the electron microscope. *Scientific Monthly* 55(8): 187-192, 7 figs. (August) [*Morpho cypris* (Westwood)]

1942b. An electron microscope study of some structural colors of insects. *Journal of applied Physics* 13(12): 748-758, 14 figs. (December) [*Morpho cypris* (Westwood)]

**Andersson, Susanna, and Heidi E. M. Dobson**

2003a. Behavioral foraging responses by the butterfly *Heliconius melpomene* to *Lantana camara* floral scent. *Journal of chemical Ecology* 29(10): 2303-2318, 2 figs., 2 tabs. (October)

2003b. Antennal responses to floral scents in the butterfly *Heliconius melpomene*. *Journal of chemical Ecology* 29(10): 2319-2330, 2 figs. (October)

**Andolfatto, Peter**

2016. See Aardema, M. L. & P. Andolfatto, 2016.

2017. See McCulloch, K. J. et al., 2017.

**Andow, David Alan**

2014. See Paula, D. P. et al., 2014.

**Andrade, Antonio Christian de, William Medeiros and Matthew Adams**

2019. Urban forest fragments as unexpected sanctuaries for the rare endemic ghost butterfly from the Atlantic forest. *Ecology and Evolution* 9(18): 10767-10776, 5 figs., 1 tab. (September; published online 27 August) [*Morpho epistrophus nikolajewna* Weber; Brazil]

**Andrade, Carlos Fernando Salgueirosa de**

1977. See Habib, M. E. E. M. & C. F. S. de Andrade, 1977.

1986. See Habib, M. E. E. M. et al., 1986.

**Andrade, Carlos Fernando Salgueirosa de, and Mohamed Ezz El-Din Mostafa Habib**

1984. Natural occurrence of baculoviruses in populations of some Heliconiini (Lepidoptera: Nymphalidae) with symptomatological notes. *Revista brasileira de Zoologia* 2(2): 55-62, 3 figs. (31 May) [Brazil]

**Andrade, Dirlene Aparecida de, and Isabel Ribeiro do Valle Teixeira**

2017. Diversidade de Lepidoptera em um fragmento florestal em Muzambinho, Minas Gerais. *Ciência florestal* (Santa Maria) 27(4): 1229-1241, 4 figs., 1 tab. (December) [general; Brazil]

**Andrade, Edmundo Navarro de [1881-1941]**

1927. Contribuição para o estudo da entomologia florestal paulista. *Boletim biológico* (São Paulo) 1(6): 66-72 (26 May) [*Brassolis astyra* Godart; parasitoid; Brazil]

1928. Contribuição para o estudo da entomologia florestal paulista. *Boletim de Agricultura* (São Paulo) 29(7/8) 6A: 446-453 (July-August) [*Brassolis astyra* Godart; host plants; Brazil]

**Andrade, Herbet Tadeu de Almeida**

1995. See Varela-Freire, A. A. et al., 1995.

**Andrade, Isabel, and Woodruff Whitman Benson**

1997. *Eurema dina leuce* (Pieridae) feeds on a lactiferous hostplant in eastern Brazil. *Journal of the Lepidopterists' Society* 51(4): 358-359 (29 December)

**Andrade, Isabel, Helena Castanheira de Moraes, Ivone Rezende Diniz and Cássion van den Berg**

2000. Richness and abundance of caterpillars on *Brysonima*

(Malpighiaceae) species in an area of cerrado vegetation in Central Brazil. *Revista de Biologia tropical* 47(4): 691-695, 3 figs., 2 tabs. ("December 1999", July 2000) [*Chiomara punctum* Mabille; host plant]

**Andrade, Marcelo Brito Moussalem de**

2008. See Pinheiro, C. E. G. et al., 2008a.

**Andrade, Miguel Gonzalo [1963- ]**

1990a. Clave para las familias y subfamilias de Lepidoptera: Rhopalocera de Colombia. *Caldasia* 16(77): 197-200, 4 figs. (5 December) [general]

1990b. Colombia: ¿Megadiversidad o megaextinción? *Ecológica* (Bogotá) 5: 4-10, figs. [*Altinote* sp.]

1990c. *Inventario de las mariposas (Lepidoptera: Rhopalocera)*, pp. 252-259, 16 figs. In: Aguirre, J. & J. O. Rangel (Eds.), *Biota y ecosistemas de Gorgona*. Bogotá, Fondo FEN. [general; behavior; Colombia]

1991. Una nueva especie de *Cissia* (Lepidoptera: Nymphalidae: Satyrinae), para Colombia. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 18(69): 265-268, 2 figs. (November) [*C. ucumariensis*]

1992. DeVries, Ph. J. 1987. The Butterflies of Costa Rica and their Natural History. *Caldasia* 16(79): 573 (28 April) [general; book review]

1993a. Una nueva especie de *Antirrhoea* (Lepidoptera: Nymphalidae: Morphinae) de la Cordillera Occidental de Colombia. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 18(71): 555-557, 2 figs. (March) [*A. isabelae*]

1993b. *Ucumari color de vida. Una guía de campo para la identificación de las mariposas del Parque Ucumari*. Pereira, Corporación Autónoma Regional de Risaralda. [1]: [i] + 38 pp.; [2]: 36 pp., 17 pls. (May) [general; Colombia]

1994a. Estudio de conservación y biodiversidad de las mariposas en dos zonas de bosque primario y secundario en Colombia (Insecta: Lepidoptera). *Shilap* 22(86): 147-181, 1 fig., 2 tabs. (30 June) [general]

1994b. *Las mariposas del Parque Regional Natural Ucumari: Distribución local y estacional de Rhopalocera*, pp. 247-274, pl. 11, 2 figs. In: Rangel, J. O. (Ed.), *Ucumari. Un caso típico de la diversidad biológica andina*. Pereira, Carder. [general; Colombia]

1995. *Actinote* (Nymphalidae I: Acraeinae). *Monografías de Fauna de Colombia* 1: 33-117, 2 pls., 35 figs. [general; taxonomy; distribution]

1996a. *Apuntes para una Historia de la Entomología en Colombia*, pp. 17-35. In: Andrade, M.G., G. D. Amat & F. Fernández (Eds.), *Insectos de Colombia. Estudios escogidos*. Bogotá, Academia Colombiana de Ciencias Exactas, Físicas y Naturales (Colección Jorge Álvarez Lleras, N° 10) (September) [general]

1996b. See Amarillo, A. R. & M. G. Andrade, 1996.

1997. See Fagua, G. et al., 1997.

1998a. Utilización de las mariposas como bioindicadoras del tipo de hábitat y su biodiversidad en Colombia. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 22(84): 407-421, 13 figs., 1 tab. (September) [general]

1998b. See Fagua, G. et al., 1998.

1999a. See Amat, G. D. et al., 1999.

1999b. See Fagua, G. et al., 1999.

2001. See Tobar, D. E. et al., 2001.

2002a. *Biodiversidad de las mariposas (Lepidoptera: Rhopalocera) de Colombia*, pp. 153-172, 2 maps. In: Costa, C., S. A. Vanin, J. M. Lobo & A. Melic (Eds.), *Proyecto de Red Iberoamericana de Biogeografía y Entomología Sistemática. PRIBES 2002. Vol. 2*. Zaragoza, Sociedad Entomológica Aragonesa (July) [general]



- 2002b. See Tobar, D. E. et al., 2002.
2004. See Le Crom, J. F. et al., 2004.
- 2007a. See Amat, G. D. et al., 2007.
- 2007b. See Pulido, H. W. & M. G. Andrade, 2007.
- 2007c. See Campos, L. R. & M. G. Andrade, 2007.
2008. See Pulido, H. W. & M. G. Andrade, 2008.
- 2009a. See González, L. A. & M. G. Andrade, 2009.
- 2009b. See Pulido, H. W. & M. G. Andrade, 2009.
- 2009c. See Campos, L. R. & M. G. Andrade, 2009.
- 2010a. See Bálint, Z. et al., 2010.
- 2010b. *Mariposas*, pp. 189-202, 1 tab., 1 map. In: Instituto de Estudios Urbanos, *Proyecto Corredor Bordo Norte de Bogotá Fase I. Informe final*. Universidad Nacional de Colombia. (September) [general; Colombia]
- 2010c. See Medina, C. A. et al., 2010.
- 2011a. See Campos, L. R. et al., 2011.
- 2011b. See Pulido, H. W. et al., 2011.
- 2013a. See Pycrz, T. W. et al., 2013c.
- 2013b. See Henao, E. R. & M. G. Andrade, 2013.
- 2013c. See Álvarez, S. M. et al., 2013a.
2015. See Ospina, L. A. et al., 2015.
- 2016a. *Mariposas, escarabajos, libélulas y polillas recolectadas por Francisco José de Caldas. Abertura de dos cajas bicentenarias, descubrimiento de especies y curaduría*, pp. 123-131, 10 figs. In: Valencia, D. (Ed.), *Francisco José de Caldas 1768-1816. Bicentenario de su muerte. Memorias Tercera Jornada Caldas*. Medellín, Academia Colombiana de Ciencias Exactas, Físicas y Naturales. (March) [general; history; Colombia]
- 2016b. Las mariposas de Francisco José de Caldas y Thenorio. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 40(155): 190-191, 1 fig. (June) [general; history; Colombia]
- 2016c. See Rueda, N. & M. G. Andrade, 2016.
- 2016d. See Domínguez, K. et al., 2016.
2018. See Le Crom, J. F. et al., 2018.
2019. See Mahecha, O. J. et al., 2019.
- Andrade, Miguel Gonzalo, Carlos Alberto Agudelo, Ana Lucía López and Aminta Arredondo**
1994. Ciclo de vida y notas sobre la biología de *Actinote equatoria* (Lepidoptera: Nymphalidae: Acraeinae). *Biología y Educación. Universidad del Quindío* 4(8): 46-52, 4 figs., 1 tab. (July-December) [egg, larva, pupa, imago; host plant; behavior; distribution; Colombia]
- Andrade, Miguel Gonzalo, and Jaime A. Álvarez**
2000. *Mariposas*, pp. 645-652, tabs. 92-98. In: Rangel, J. O. (Ed.), *Colombia. Diversidad Biótica III. La región de vida paramuna*. Bogotá, Instituto de Ciencias Naturales, Universidad Nacional de Colombia (November) [general]
- Andrade, Miguel Gonzalo, and Germán Domingo Amat**
1992. Mariposas (Lepidoptera: Rhopalocera) del Parque Nacional Natural Chingaza (Cundinamarca, Colombia). *Memorias. La Investigación en la Universidad Javeriana. II Congreso* 2: 762-766, 2 figs., 2 tabs. (October) [general]
1996. *Un estudio regional de las mariposas altoandinas en la Cordillera Oriental de Colombia*, pp. 149-180, 5 figs., 1 tab. In: Andrade, M.G., G. D. Amat & F. Fernández (Eds.), *Insectos de Colombia. Estudios escogidos*. Bogotá, Academia Colombiana de Ciencias Exactas, Físicas y Naturales (Colección Jorge Álvarez Lleras, N° 10) (September) [general; distribution]
2000. *Guía preliminar de insectos de Santa Fe de Bogotá y sus alrededores*. Bogotá, Alcaldía Mayor de Santa Fe de Bogotá. 96 pp., figs. [general; host plants; behavior; Colombia]
- Andrade, Miguel Gonzalo, Germán Domingo Amat, Fernando Fernández and Carlos E. Sarmiento**
2007. *Colección de Entomología*, pp. 33-64. In: Andrade, M. G. & J. D. Lynch (Eds.), *Los tipos nomenclaturales depositados en la Colección Zoológica del Instituto de Ciencias Naturales*. Bogotá, Universidad Nacional de Colombia. (Biblioteca José Jerónimo Triana, 16) (August) [general; Colombia, Venezuela]
- Andrade, Miguel Gonzalo, Lina Rocío Campos, Luis Antonio González and Hannier Wadith Pulido**
2007. *Santa María: Mariposas alas y color. Guía de campo*. Bogotá, Universidad Nacional de Colombia. (*Serie de Guías de Campo del Instituto de Ciencias Naturales, No.2*). 248 pp., figs. [general]
- Andrade, Miguel Gonzalo, and Efraín Reinel Henao**
2017. Mariposas diurnas (Hesperiidae, Papilionidae) en el Parque Nacional Natural Serranía de Chiribiquete. *Colombia amazónica* 10: 191-203, 9 figs., 1 tab. (December) [general]
- Andrade, Miguel Gonzalo, Efraín Reinel Henao and Julián Adolfo Salazar**
- [2016]. Las mariposas (Lepidoptera: Hesperoidea [sic] – Papilionoidea) de la región amazónica colombiana. *Colombia amazónica* 8: 92-122, figs., 2 tabs., 1 map ("2015", [2016]) [general]
- Andrade, Miguel Gonzalo, Efraín Reinel Henao and Paola Marcela Triviño**
- [2014]. Técnicas y procesamiento para la recolección, preservación y montaje de mariposas en estudios de biodiversidad y conservación. (Lepidoptera: Hesperoidea – Papilionoidea). *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 37(144): 311-325, 22 figs. ("September 2013", [May 2014]) [general; Colombia]
- Andrade, Miguel Gonzalo, and Rubén Restrepo**
1992. Una nueva especie de *Actinote* (Lepidoptera: Nymphalidae: Acraeinae), para Colombia. *Caldasia* 16(79): 509-512, 5 figs. (28 April) [*A. iguaquensis*]
- Andrade, Miguel Gonzalo, Ángel Luis Viloria, Efraín Reinel Henao and Jean-François Le Crom**
2019. Generic reassignments of satyrine butterflies from Colombia and Venezuela (Lepidoptera: Nymphalidae). *Anartia* 28: 26-46, 21 figs., 1 tab. (30 June) [new genera: *Nubila*, *Macrocissia*, *Colombeia*, *Omacha*; Neotropics]
- Andrade, Pablo**
1999. See Jiggins, C. D. et al., 1999.
2000. See Jiggins, C. D. et al., 2000.
- Andrade, Rafael Barreto de, Jennifer Kakareka Balch, Junia Yasmin Oliveira Carreira, Paulo Monteiro Brando and André Victor Lucci Freitas**
2017. The impacts of recurrent fires on diversity of fruit-feeding butterflies in a south-eastern Amazon forest. *Journal of tropical Ecology* 33(1): 22-32, 5 figs., 4 tabs. (January; published online 20 December 2016) [general; Brazil]
- Andrade, Rafael Barreto de, and André Victor Lucci Freitas**
2005. Population biology of two species of *Heliconius* (Nymphalidae: Heliconiinae) in a semi-deciduous forest in southeastern Brazil. *Journal of the Lepidopterists' Society* 59(4): 223-228, 6 figs., 1 tab. (16 December) [*H. erato* (Linnaeus), *H. ethilla* Godart]
- Andrade, Thiago Oliveira**
2008. See Pinheiro, C. E. G. et al., 2008a.
- Andrade-Torres, Antonio**
2019. See Lara-Pérez, L. A. et al., 2019.
- Andraud, Christine**
2013. See Mejdoubi, A. et al., 2013.
2018. See Gruson, H. et al., 2018.
2019. See McClure, M. et al., 2019a.
- André, Édouard François [1840-1911]**
1878. Rapport sur une mission scientifique dans l'Amérique du Sud. *Archives des Missions scientifiques et littéraires*

- (Paris) (3)5(1): 49-83, 3 pls. [general; Colombia, Ecuador]
- André, Eugène** [1861-1922]  
1904. *A naturalist in the Guianas*. London, Smith, Elder, & Co. .xiv + 310 pp., frontisp., 33 pls., 1 map. [another ed., 1912] [general; behavior]
- Andreazza, Nathalia Luiza**  
2013. See Cardoso-Gustavson, P. et al., 2013.
- Andree, Martin J.**  
2018. See Aardema, M. L. & M. J. Andree, 2018.
- Andreoli, Shannon L.**  
2016. See McCoshum, S. M. et al., 2016.
- Andrés, Jorge**  
2013. See Hernández, L. M. et al., 2013.
- Andrés-Hernández, Agustina Rosa**  
2015. See Rivas-Arancibia, S. P. et al., 2015.
- Andresen, Jack, Michael Ferguson, Eugene J. Gerberg, Lear Grimmer, Laurence Hull, Paul Jacques, Andrea Rhodes, Nancy Sefton and Jim Wood**  
1976. *A guide to the natural history of the Cayman Islands*. Cayman Islands Conservation Association. 80 pp., figs. [general; host plants]
- Andrews, Catherine C.**  
1980. See Ray, T. S. & C. C. Andrews, 1980.  
1983. *Melinaea lilis imitata* (Melineas, Army Ant Butterfly), pp. 736-738, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; host plant; ecology; Costa Rica]
- Andrews, Kevin S.**  
2002. See Starr, C. K. et al., 2002.
- Anduze, Pablo (Paul) José** [1902-1989]  
1938. Un viaje a oriente. Estados Sucre y Monagas. Mayo a agosto de 1937. *Boletín de la Sociedad venezolana de Ciencias naturales* 4(32): 281-307, 1 map (January-February) [general; Venezuela]
- Aneshansley, Daniel Joseph** [1942- ]  
1969. See Eisner, T. et al., 1969.  
1972. See Ghiradella, H. T. et al., 1972.
- Ángel, Alejandra Lizbeth, Mónica Nunutsi Camacho, Irais Esther Corona, Karina Díaz, Silvia Gabriela Morales, Graciela Patricia Rivera and Alan Gerardo Roldán**  
2012. *Listado de insectos (Hemiptera, Coleoptera, Hymenoptera, Lepidoptera y Diptera) atraídos al polen néctar de las flores en dos localidades de Jungapeo, Michoacán*, pp. 492-498, 1 fig., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(1). México, Sociedad mexicana de Entomología. [general; Mexico]
- Ángel, María Divina**  
2008. See Pérez, J. et al., 2008.
- Ángel, María Divina and Juan Pérez**  
2012. *Cría de Ascia monuste (Lepidoptera: Pieridae) en Rhapanus [sic] sativus en condiciones ambientales naturales y laboratorio*, pp. 453-456, 5 figs. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(1). México, Sociedad mexicana de Entomología. [host plant; Mexico]
- Ángel, Pedro**  
2016. See Outomuro, D. et al., 2016.
- Ángeles, Néstor, and José Ramón Labrador**  
1963. Outbreaks of *Opsiphanes tamarindi*, a banana pest. *FAO Plant Protection Bulletin* (Roma) 11(4): 93-94, 2 figs. (August) [larva, imago; behavior; Venezuela]
- Ángeles, Sergio C.**  
2013a. See Ramos, B. et al., 2013a.  
2013b. See Ramos, B. et al., 2013b.
- Angelini, Marina Robles**  
2007. See Medeiros, C. A. M. et al., 2007.
2008. See Boiça Júnior, A. L. et al., 2008.
- Angelini, Marina Robles, and Arlindo Leal Boiça Junior**  
2007. Preferência alimentar de *Dione juno juno* (Cramer, 1779) (Lepidoptera: Nymphalidae) por genótipos de maracujazeiro. *Revista brasileira de Fruticultura* 29(2): 276-281, 4 tabs. (August) [host plants; Brazil]
2009. Capacidade predatória e atratividade de *Podisus nigrispinus* (Dallas, 1851) (Hemiptera: Pentatomidae) por lagartas de *Dione juno juno* (Cramer, 1779) (Lepidoptera: Nymphalidae) criadas em folhas de genótipos de maracujazeiros. *Ceres* (Viçosa) 56(1): 25-30, 7 tabs. (February) [host plant; Brazil]
2015. Biología de imaturos e adultos de *Podisus nigrispinus* (Dallas) (Hemiptera: Pentatomidae) alimentados com lagartas de *Dione juno juno* (Cramer) (Lepidoptera: Nymphalidae), criadas em diferentes genótipos de maracujazeiro. *EntomoBrasilis* 8(3): 196-200, 3 tabs. (December) [host plants; Brazil]
- Angers, Bernard**  
2014. See McClure, M. et al., 2014.  
2015. See Chouteau, M. et al., 2015.
- Angulo, Andrés O.** [1942- ]  
1976. *Pieris brassicae* L.: "Mariposa de la col" en Concepción, Chile (Lepidoptera: Pieridae). *Boletín de la Sociedad de Biología de Concepción* 50: 221 (15 October)
- Angulo, Andrés O., and María Eugenia Casanueva**  
1987. Estados inmaduros de *Phoebis sennae amphitrite* Feisthamel y clave para las pupas conocidas de piéridos chilenos. *Agro Sur* 15(2): 83-93, 40 figs. (July-December) [general; morphology]
- Angulo, Andrés O., and Carmen Jana**  
1980. La mariposa blanca de la col en Chile. *Boletín agrícola Shell* (Santiago de Chile) 40(3): 1-4, 4 figs., 1 tab. (September-December) [*Pieris brassicae* (Linnaeus); egg, larva, pupa; host plants; parasitoids, predators]
1984. Morfofuncionalidad en larvas de lepidópteros. *Gayana (Zoología)* 48(3/4): 75-91, 71 figs., 1 tab. (29 December) [*Tatochila blanchardii* (Butler), *Pieris brassicae* (Linnaeus); Chile]
- Angulo, Andrés O., and Giselind Thomas Weigert**  
1974. Estados postembrionales de *Eressa chilensis* (Guérin) (Lepidoptera: Pieridae). *Boletín de la Sociedad de Biología de Concepción* 47: 49-56, 15 figs. (30 July) [larva, pupa, imago; Chile]
1976. "La mariposa de la col" *Pieris brassicae* L. en Chile. *Boletín Informativo. Sociedad mexicana de Lepidopterología* 2(6): 11 (November-December)
1982. Biología y postembriología de tres lepidópteros en Chile. *Brenesia* (San José) 19/20: 431-449, 44 figs. (November) [*Pieris brassicae* (Linnaeus), *Cynthia carye* (Hübner)]
- Angulo, José Trinidad**  
2012. See Cárdenas, C. P. et al., 2012.  
2015. See Cárdenas, C. P. et al., 2015.
- Angulo, José Trinidad, Miguel Alberto Arredondo, Christel Pamela Cárdenas and Marcos Bucio**  
2013. *Diversidad y abundancia de mariposas en el Área Natural Protegida Isla de Quevedo, Sinaloa, México*, pp. 520-524, 2 figs., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [general]
- Anjos, Luciano Alves dos**  
2006. See Almeida, A. M. de et al., 2006.
- Anjos, Norivaldo dos**  
1977. See Clark, E. W. & N. dos Anjos, 1977.  
1989. See Zanuncio, J. C. et al., 1989.
- Anjos, Norivaldo dos, Germi Porto Santos and José Cola Zanuncio**

1986. Pragas do eucalipto e seu controle. *Informe agropecuário* (Belo Horizonte) 12(141): 50-58, 14 figs. (September) [*Euselasia apisaon* (Dalman), *Phocides palemon* (Cramer); host plants; Brazil]
- Anken, Ralf H.**
- 1994a. Zur Kenntnis neuer Euptychiini der Genus *Pareuptychia* Forster aus Brasilien (Lepidoptera: Satyridae). *Entomologische Zeitschrift* 104(12): 221-231, 6 figs. (15 June) [new species: *P. xavierorum*, *P. bivar*]
- 1994b. Neue Taxa des Genus *Hermeuptychia* Forster aus Brasilien (Lepidoptera: Satyridae). 2. Beitrag zur Kenntnis neuer neotropischer Euptychiini. *Entomologische Zeitschrift* 104(14): 283-291, 6 figs. (15 July) [*H. helena*, *H. hermes isabella*, *H. fallax marinha*]
- 1994c. Beschreibung einer neuen Art des Genus *Ypthimoides* Forster aus Brasilien (Lepidoptera: Satyridae). 3. Beitrag zur Kenntnis neuer neotropischer Euptychiini. *Entomologische Zeitschrift* 104(16): 327-331, 2 figs. (15 August) [*Y. guenzel*]
- 1994d. Eine neue Species des Genus *Paryphthimoides* Forster aus Brasilien (Lepidoptera: Satyridae). 4. Beitrag zur Kenntnis neuer neotropischer Euptychiini. *Entomologische Zeitschrift* 104(17): 348-351, 2 figs. (1 September) [*P. bahner*]
- 1995a. Bemerkungen zu *Hermeuptychia cucullina* (Weymer) in Südamerika. Lepidoptera: Satyridae, Euptychiini. *Facetta* 10: 8-11, 2 figs. (10 July) [Brazil]
- 1995b. A record of *Hermeuptychia cucullina* (Weymer) from Brazil, including some remarks on other hermeuptychian taxa (Lep.: Satyridae). *Entomologist's Record and Journal of Variation* 107(9/10): 237-240, 2 figs. (15 September)
- 1995c. Zur Kenntnis eines neuen Taxon des Genus *Enantia* Hübner aus Südwest-Brasilien (Lepidoptera: Pieridae). *Entomologische Zeitschrift* 105(24): 481-484, 2 figs. (15 December) [*E. licinia punctaclarata*]
1996. On the taxonomic value of the morphology of wing scales in some Heliconiinae (Lepidoptera, Nymphalidae). *Iheringia (Zoologia)* 81: 139-144, 13 figs. (4 October) [*Heliconius erato phyllis* (Fabricius), *H. besckei* Ménétris; Brazil]
- 1998a. 1. Beitrag zur Kenntnis der Tagfalterfauna von Poté. Bearbeitung der um des Jahreswechsel 1996/97 in Poté (Minas Gerais, Brasilien) gesammelten Tagfalter. Erster Teil: Lycaenidae und Nymphalidae (ohne Satyrinae) (Lepidoptera: Rhopalocera). *Facetta* 15(1): 18-44, pl. 4, 7 figs. (April) [new subspecies: *Dynamine mylitta thoenii*, *Eunica cuvierii bourrati*]
- 1998b. Eine neue Art der Gattung *Splendeuptychia* Forster aus dem Minas Gerais Brasiliens (Lepidoptera: Nymphalidae: Satyrinae: Euptychiini). 5. Beitrag zur Kenntnis neuer neotropischer Euptychiini. *Entomologische Zeitschrift* 108(5): 184-192, 4 figs. (14 May) [*S. ava*]
- 1998c. 2. Beitrag zur Kenntnis der Tagfalterfauna von Poté. Bearbeitung der um den Jahreswechsel 1996/1997 in Poté (Minas Gerais, Brasilien) gesammelten Tagfalter. Zweiter Teil: Pieridae (Lepidoptera: Rhopalocera). *Facetta* 16(2): 19-50, 25 figs. (1 December) [general]
- 1999a. Beschreibung einer neuen Art der Gattung *Paryphthimoides* Forster aus dem Minas Gerais Brasiliens (Lepidoptera: Nymphalidae: Satyrinae: Euptychiini). 6. Beitrag zur Kenntnis neuer neotropischer Euptychiini. *Entomologische Zeitschrift* 109(3): 108-113, 8 figs. (18 March) [*P. kilian*]
- 1999b. On the distribution of *Eunica* (formerly in *Libythina*) *cuvierii* (Godart) (Lep.: Nymphalidae) including a new record of the species from Minas Gerais, Brazil. *Entomologist's Record and Journal of Variation* 111(3): 63-68, pl. C, 1 fig. (25 March)
- 1999c. Eine neue Art der Gattung *Pareuptychia* Forster aus dem Minas Gerais Brasiliens (Lepidoptera: Nymphalidae: Satyrinae). 7. Beitrag zur Kenntnis neuer neotropischer Euptychiini. *Entomologische Zeitschrift* 109(4): 165-172, 3 figs. (15 April) [*P. boehmler*]
- 1999d. Zur Kenntnis einer zweiten Art der Gattung *Capronnieria* Forster 1964 nebst Beschreibung einer neuen Art des Genus *Ypthimoides* Forster 1964 aus dem Minas Gerais Brasiliens (Lepidoptera, Satyrinae, Euptychiini). 8. Beitrag zur Kenntnis neuer neotropischer Euptychiini. *Entomologische Zeitschrift* 109(7): 269-279, 11 figs. (15 July) [*C. ibschi*, *Y. wuerttembergiae*]
- Anken, Ralf H., Dirk Bremen and Thomas Kappel**
1995. Ueber *Eurema leuce* (Boisduval) in Südwest-Brasilien, nebst einigen taxonomischen Bemerkungen zur Gattung (Lepidoptera: Pieridae). *Entomologische Zeitschrift* 105(11): 201-208, 3 figs. (1 June)
- Anken, Ralf H., Qian Cong and Nick V. Grishin**
2015. On three holotypes of *Hermeuptychia* (Lepidoptera: Nymphalidae, Satyrinae). *Entomologische Zeitschrift* 125(3): 157-160, 6 figs. (September) [*H. hermes isabella* Anken, *H. fallax marinha* Anken; Brazil]
- Anken, Ralf H., Thomas Kappel, Ute Jonas, Dirk Bremen and Maria Helena Pinto Bivar de Matos e Silva**
1998. Wiederentdeckung von *Tegosa infrequens* Higgins (1981), beschrieben aus dem Bergwald Südost-Brasilien. (Lepidoptera: Nymphalidae: Melitaeinae: Phycodini Higgins, 1981). *Facetta* 14(1/2): 4-12, 2 figs. (April)
- Anken, Ralf H., and Maria Helena Pinto Bivar de Matos e Silva**
1996. Beschreibung einer neuen Unterart von *Aphrissa statira* (Cramer, 1777) aus Südost-Brasilien nebst Bemerkungen zur Taxonomie der Art im Gesamtverbreitungsgebiet (Lepidoptera, Pieridae). *Facetta* 12: 5-12, 2 figs. (June) [*A. s. inesa*]
1998. Zur Kenntnis einer neuen Unterart von *Ortilia ithra* (Kirby 1871) aus dem brasilianischen Mato Grosso-Gebiet (Lepidoptera: Nymphalidae: Melitaeinae: Phycodini). *Entomologische Zeitschrift* 108(3): 122-128, 3 figs. (12 March) [*O. i. luiseana*]
- Anonymous**
1778. Von den Insekten der dänischen Karaibischen Inseln. *Neueste Mannigfaltigkeiten* (Berlin) 1(4): 801-816 [*Papilio plexippus* Linnaeus]
1782. *Catalogus van een uitmuntende Verzameling van Voorwerpen, uit de drie Ryken der Natuur... Met oneindige moeite en kosten gedurende de Tyd van veertig Jaaren by een verzamelt door den heere Willem van der Meulen...* Amsterdam, R. Ottens & J. C. Sepp. [vi] + 298 pp. (before 6 November) [general; sales catalogue]
1790. [A note]. *Göttingische Anzeigen von gelehrten Sachen unter der Aussicht der königlichen Gesellschaft der Wissenschaften* 40: 400 (11 March) [*Papilio ariarathes* Esper, *P. arbates* Cramer]
1791. Amsterdam, b. Baalde; Anhangsel [sic] van het Werk, de uitlandsche Kapellen, voorkommende [sic] in de drie waerelddeelen Asia, Africa en America, door den Heere Pieter Cramer... I. 1787. II. 1790. *Allgemeine Literatur-Zeitung* (Jena) 1791(1)(34): 265-269 (3 February) [general; book review]
1794. Erlangen, b. Walther: *Magazin der neuesten ausländischen Insekten*. Erstes Heft. Pap. exot. Tab. I. II. 1794. *Allgemeine Literatur-Zeitung* (Jena) 1794(4)(359): 313-315 (11 November) [general; book review]
- 1800-02. *The Naturalist's Pocket Magazine; or, compleat cabinet of the curiosities and beauties of Nature. Containing elegant coloured prints of birds, fishes, flowers, insects, quadrupeds, shells, and other natural productions. With descriptions*. London, Harrison, Cluse & Co. Volume 7.

- (unnumbered pages and 60 plates, issued in 20 parts; part [8], containing [15] pp. and [3] pls. was issued 25 December 1800) [*Morpho*; Brazil]
1805. *A catalogue of the most capital assemblage of insects probably ever offered to public sale; consisting of upwards of eleven thousand different specimens, collected from all the countries with which Great Britain has any intercourse, with very considerable attention, and great expence, by Mr. Dru Drury, goldsmith, of the Strand, lately deceased, who was upwards of thirty years in forming the above collection.* [London], King and Lochee. 16 pp. (before 23 May) [general]
1806. Berlin, b. Pauli: Natursystem aller bekannten in – und ausländischen Insecten, als eine Fortsetzung der von Buffonschen Naturgeschichte. Von Johann Friedrich Wilhelm Herbst. 1803. *Jenaische allgemeine Literatur-Zeitung* 3(3)(200): 369-373 (25 August) [general; book review]
1817. *A catalogue of rare and beautiful insects, being the duplicates of the celebrated cabinet of the late John Francillon, Esq. of No. 24, Norfolk Street, Strand.* London, W. Smith. 12 pp. [general; auction catalogue]
1818. *Insects. A catalogue of the very superb and celebrated collection of foreign insects of the late John Francillon, Esq. Being undoubtedly the most magnificent cabinet of insects that has ever been brought to sale in this country; containing many unique and remarkable specimens, and generally in a high state of preservation.* London, Richard and Arthur Taylor. 74 pp. [general; auction catalogue]
- 1826a. Verzeichniss der Sammlung von Schmetterlingen des vor kurzem verstorbenen J. R. Franck zu Strassburg. *Isis von Oken* 19(11)(Litterarischer Anzeiger): 56 (November) [general]
- 1826b. Verzeichniss bekannter Schmetterlinge von J. Hübner. Augsburg 1816. *Isis von Oken* 20(1): 103-104 (January) [general; book review]
1827. Royal cabinet of insects at Berlin. *Zoological Journal* 3(10): 312-315 (April-September) [general]
1828. *Verzeichniss der zur Verlassenschaft des Herrn Senator Schneider gehörigen Insectensammlung.* Stralsund, Königliche Regierunqs Buchdruckerei. iv + 94 pp. [general]
1861. Berigt omtrent den Verkoop der Verzameling Van Eyndhoven. *Tijdschrift voor Entomologie* 5(1): 47-48 (after 24 August) [auction; Brazil]
1864. Vegetationscharakter und Insectenleben im Gebiet des Amazonen-Stroms. *Ausland* 37(33): 784-787. [general; ecology]
1867. Collection from the Upper Amazons. *Entomologist's monthly Magazine* 4(40): 92 (September) [general; Peru]
- [1871]. *Curiosities of Entomology.* London, Groombridge and Sons. 64 pp., 10 pls., figs. [general; mimicry]
1878. Entomological society. *Nature* (London) 17(437): 395-396 (14 March) [general; behavior; morphology; Brazil]
1881. Wings of butterflies. *Young Naturalist* (London) 2(92): 290-291, pls. 23, 25 (13 August) [general; morphology]
1892. An ascent of Roraima. *Proceedings of the royal geographical Society* (London) 1892(4): 242-243 (April) [Guyana]
1895. *Catálogo Numérico del Museo Zoológico Cubano (Museo Gundlach).* La Habana, A. Álvarez y Comp. 112 pp. [general; Cuba]
1906. 'Leaf butterflies' amongst leaves. *Naturalist* (London) 1906(599): pls. 29-30 (December) [general]
1907. Einiges über die Dr. O. Staudinger Exotensammlung. *Insekten-Börse* 24(33): 145 (15 August) [general; South America]
- 1913a. Answers to correspondents. *Journal of the Board of Agriculture of British Guiana* 6(3): 153-154 (January) [*Papilio anchisiades* Esper, *Pontia monuste* (Linnaeus); host plants; Guyana]
- 1913b. Answers to correspondents. *Journal of the Board of Agriculture of British Guiana* 6(4): 213-214 (April) [*Caligo oberon* Butler; host plant; Guyana]
- 1913c. Principales enemigos de nuestros cultivos y medios para combatirlos. *Publicación. Defensa agrícola* (Montevideo) 4: 1-19. [*Papilio thoantiades* Burmeister, *Pieris autodice* (Hübner); host plants; Uruguay]
1915. Coconut butterfly. *Bulletin of the Department of Agriculture, Trinidad and Tobago* 14(2): 63 (31 March) [*Brassolis sophorae* (Linnaeus); Trinidad]
1916. Pragas animaes dos maracujás. *Chácaras e Quintaes* (São Paulo) 14(5): 842-843, 1 fig. (15 November) [Heliconiinae; life history; Brazil]
1919. Algumas pragas do coqueiro. *Chácaras e Quintaes* (São Paulo) 19(5): 403, 1 fig. (15 May) [*Brassolis astyra* Godart; life history; Brazil]
- 1920a. La oruga de las coles. *Pieris brassicae* [sic!]. *Boletín mensual. Defensa agrícola. Ministerio de Industrias* (Montevideo) 1(9): 223-224, 4 figs. (September) [life history; Uruguay]
- 1920b. Os insectos damninhos. VIII-A lagarta da couve. *Pieris monuste*, Linn. *Chácaras e Quintaes* (São Paulo) 22(4): 296-298, 1 fig. (15 October) [life history; Brazil]
1922. A criação de borboletas. *Almanak agrícola brasileiro* 11: 253-255, 3 figs. [*Morpho neoptolemus* Wood; Brazil]
1923. En levende fjäril från Sydamerika. *Banan-Bladet* (Stockholm) 6: 11 (15 March) [Brassolidae; Colombia]
1926. Calendario de patología vegetal y zoología económica. *Circular. Ministerio de Agricultura* (Buenos Aires) 601: 1-54, 6 pls., 36 figs. (8 April) [*Papilio thoantiades* Burmeister, *Pseudosarbia phoenicicola* Berg, *Colias lesbia* (Fabricius); life histories; Argentina]
1929. Combate à pieride da couve. *Agricultura e Pecuária* (Rio de Janeiro) 5: 186-187, 6 figs. (10 March) [*Pieris brassicae* [sic!] (Linnaeus); life history; Brazil]
1932. Entomological investigations. *Administration Report of the Director of Agriculture* (Georgetown) 1931: 27. [*Brassolis sophorae* (Linnaeus); host plant; parasitoids; Guyana]
1933. "Harry" - A man who knows jungle country. Bird and butterfly collecting in the Sierra and Montaña. *The West Coast Leader* (Lima) 21: 7-8, 2 figs. (7 February) [general; Peru]
1935. Correspondencia - Recife. *Chácaras e Quintaes* (São Paulo) 51(2): 137 (15 February) [*Brassolis sophorae* (Linnaeus); life history; Brazil]
- 1936a. Protegendo as borboletas de lindas côres. *Chácaras e Quintaes* (São Paulo) 54(4): 454-456, 1 pl., 1 fig. (15 October) [general; conservation; Brazil]
- 1936b. Further extracts from a S. American correspondent. *Entomologist's Record and Journal of Variation* 48(12): 134 (15 December) [*Morpho catenarius* (Perry); Brazil]
- 1936c. *Morpho catenarius* and protection. *Entomologist's Record and Journal of Variation* 48(12): 134-135 (15 December) [Brazil]
- 1939a. [Mariposas de Satipo]. *Boletín del Museo de Historia natural "Javier Prado"* 3(9): 125 (after 30 June) [general; Peru]
- 1939b. La colección de lepidópteros "Paul Martin". *Boletín del Museo de Historia natural "Javier Prado"* 3(10): 123-124 (after 19 September) [general; Peru]
- 1940a. [Insectos del Río Sanibeni]. *Boletín del Museo de Historia natural "Javier Prado"* 4(14): 425 (after 21 August) [general; Peru]
- 1940b. Borboletas azues. *Chácaras e Quintaes* (São Paulo) 62(5): 580, 1 fig. (15 November) [conservation; Brazil]

1941. *Frutales cítricos. Insectos chupadores y masticadores. Hongos parásitos. Enfermedades de la nutrición. Forma de evitar estos males y remedios para combatirlos.* Buenos Aires, Editorial Atlantida, S. A. (*Biblioteca de "La Chacra,"* vol. 9). 192 pp., figs. (20 May) [*Papilio thoas thoantiades* Burmeister; Argentina]
- 1942a. Combate biológico a uma praga das palmeiras. *Chácaras e Quintais* (São Paulo) 65(3): 308-309, 1 fig. (15 March) [*Brassolis astyra* Godart; life history; Brazil]
- 1942b. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 1(5): 8 (May) [general; Jamaica]
- 1942c. Plagas y enfermedades de algunos cultivos. Continuación. *Fitófilo* 1(5): 38-40 (November) [*Thecla* sp.; host plants; Mexico]
1943. Plagas y enfermedades de algunos cultivos. Conclusión. *Fitófilo* 2(3): 104-112 (May-June) [general; host plants; Mexico]
- 1945a. A cultura do abacaxi. *Agricultura e Pecuária* (Rio de Janeiro) 16(264): 22-24 (April) [*Thecla echion* (Linnaeus); Brazil]
- 1945b. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 2(22/24): 172 (August) [general; Jamaica]
1948. Formas recomendables de control para los insectos dañinos que atacan a las plantas útiles en el Perú. *Divulgación agrícola. Estación experimental agrícola de La Molina* (Lima) 10: 1-43 (September) [general]
1949. El DDT y su aplicación en la agricultura y la ganadería. *La Vida agrícola* (Lima) 26(304): 213-220 (March) [*Eudamus proteus* (Linnaeus), *Pieris* sp.; host plants; Peru]
- 1950a. Control químico de la isoca de la alfalfa. *Idia* (Buenos Aires) 3(25/27): 33-34 (January-March) [*Colias lesbia* (Fabricius); Argentina]
- 1950b. Andrew Avinoff. *Natural History Notes of the natural History Society of Jamaica* 4(42): 126 (May) [*Papilio homerus* Fabricius; Jamaica]
1952. [Migration of Pieridae]. *Boletín meteorológico de San Salvador* 1(2)(supplement): 4. [El Salvador]
- 1953a. Praga do "manacá". *Chácaras e Quintais* (São Paulo) 87(1): 69, 5 figs. (15 January) [*Thyridia themisto* Hübner; life history; Brazil]
- 1953b. Borboletas catarinenses. *Chácaras e Quintais* (São Paulo) 87(3): 372-373, 1 fig. (15 March) [general; Brazil]
- 1953c. A "Coleção Zikán". *Manguinhos* (Rio de Janeiro) 2(8): 7-8 (20 March) [general; Brazil]
- 1953d. Migrating moths nothing new to veteran insect collector. *The Panama Canal Review* 4(2): 4, 3 figs. (4 September) [general; Panama]
- 1959a. Pragas do coqueiro. *Boletim do Campo* (Rio de Janeiro) 15(119): 14-18, 13 figs. (June) [*Brassolis sophorae* (Linnaeus), *B. astyra* Godart; life history; Brazil]
- 1959b. Largata [sic] do girassol. *Sítios e Fazendas* (São Paulo) 25(9): 58 (September) [*Chlosyne saundersi* (Doubleday); life history; Brazil]
1960. Combate à broca do abacaxi. *Boletim de Agricultura* (Belo Horizonte) 9(5/6): 73 (May-June) [*Thecla basilides* Geyer; life history; Brazil]
1961. El cultivo de hortalizas. *Técnica agropecuaria* (Lima) 7(18): 17-25 (November) [*Pieris* sp.; host plant; Peru]
- 1962a. La piña, reina de las frutas tropicales. *La Vida agrícola* (Lima) 39(469): 649-652 (December) [*Thecla basilides* Geyer]
- 1962b. A Surinam portfolio. *Natural History* (New York) 71(10): 28-41, figs. (December) [general; on Merian's *Metamorphosis insectorum surinamensium*]
1966. Note on a name. *Bulletin of the amateur Entomologists' Society* 25(273): 142 (November) [*Anaea* (*Memphis*) *neidhoeferi* Escalante; Mexico]
1967. News notes. *News of the Lepidopterists' Society* 1967(7): 4 (15 October) [*Morpho peleides insularis* Fruhstorfer, *M. achillaena* Hübner; hybridization; Brazil]
- 1968a. Additions to the 1967 annual summary. *News of the Lepidopterists' Society* 1968(5): 6 (15 July) [general; Mexico]
- 1968b. *Catálogo de insectos [en cultivos] de importancia económica en Colombia.* Bogotá, Asociación Latino-Americana de Entomología (*Publicación* No. 1). 156 pp. [general]
- 1969a. *Thecla* sp. nueva plaga de la alfalfa. *Boletín informativo. Asociación de Agricultores y Ganaderos del Valle de Jequetepeque* (Guadalupe, Peru) 2(22): 21-22 (March) [life history; Peru]
- 1969b. Principales plagas que atacan al mango, chirimoya, ciruela y lúcumo. *Hoja agrícola. Sociedad nacional agraria* (Lima) 32(4): 6-7 (July-August) [*Thecla* sp.; host plant; Peru]
- 1969c. *Contribución al catálogo nacional de insectos del Perú.* Lima, Estación Experimental Agrícola de La Molina (Lima) 1: i + 61 pp. (September) [general]
- 1969d. [*Metamorpha* and allied butterflies]. [In Japanese]. *Yadoriga* 58/59: 25 (1 October) [general]
1970. El maracuyá. Frutal promisor para el Perú. *Boletín. Ministerio de Agricultura* (Lima) 9: 1-46, figs., tabs. (September) [also in *Boletín técnico. Programa de Frutales nativos. Universidad nacional agraria* (Lima) 1: 1-46, figs., tabs.; January 1971] [*Dione juno* (Cramer); Peru]
- 1972a. Cultivo del lúcumo. *Boletín técnico. Programa de Frutales nativos. Universidad nacional agraria* (Lima) 2: 1-45, figs., 16 tabs., graphs (January) [Lycaenidae; Peru]
- 1972b. *Butterflies and moths. A kaleidoscope of living colour.* London, Orbis Books. 64 pp., 10 + 136 figs. [introduction by M. W. F. Tweedie; first edition in Italian, 1969] [general; Neotropics]
- 1973a. Panama's winged jewels. *Panama Canal Review* 1973 (Spring): 3-7, figs. [general]
- 1973b. *Ascia monuste automate* Burmeister (Lepidoptera-Pieridae). Especie de hábitos migratorios. *Intersectum* (Mendoza) 5(2): 1-2 (July) [Argentina]
- \*1974. *Bahama butterflies and moths coloring book.* Nassau, Etienne Dupuch. 48 pp.
1975. Sociedad Mexicana de Lepidopterología. *Journal of the Lepidopterists' Society* 29(2): 107 (10 June) [new society]
1976. Zonas de interesante exploración (lepidopterológica) para 1976. *Boletín informativo. Sociedad mexicana de Lepidopterología* 2(1): 4-5, 1 map (January-February) [general; Mexico]
1980. [Notes]. [*The*] *Trinidad Naturalist Magazine* 3(6): cover, 2, 4, 9, figs. (November-December) [*Heliconius amaryllis* Felder, *Mechanitis* sp., *Anartia amathea* (Linnaeus); Trinidad]
1981. [A note]. [*The*] *Trinidad Naturalist Magazine* 3(10): cover, 3, 1 fig. (July-August) [*Heliconius* sp.; Jamaica]
- 1982a. Monarch roosts: Will Mexico preserve them? *Defenders* 57(2): 16-20, figs. (April) [*Danas plexippus* (Linnaeus); migration]
- 1982b. Tabulating the fauna and flora of Mexico. *R & D México* 2(12): 14-16, 6 figs. (September) [general]
- 1982c. Butterflies. [*The*] *Trinidad Naturalist Magazine* 4(5): 20, figs. (September-October) [general; Trinidad]
1983. Dundee University Trinidad Expedition. *Bulletin of the british ecological Society* 14(3): 114-116. [general]
1984. Ethnographic lepidopterology. *Papilio International* (3): 68-69, figs. (May) [*Papilio pilumnus* Boisduval, *P. multicaudata* Kirby; Mexico]
1986. Glimpses of Jamaica's Natural History. *Jamaica Journal*

- 19(1): back cover, 1 fig. (February-April) [*Papilio homerus* Fabricius; host plant]
1991. American Museum of Natural History completes Argentine expedition. *News of the Lepidopterists' Society* 1991(4): 58 (July-August) [general]
1992. *Eucheira socialis* – Another edible insect which indigenous people are trying to protect from ecological destruction. *The Food Insects Newsletter* 5(2): 4 (July) [host plant; Mexico]
- 1993b. Nuée de papillons sur les plages sableuses de Quihuaro. *Bulletin de la Société Sciences Nat* 79: 30, 3 figs. (25 October) [Ecuador]
- 1993a. English names for butterflies found in the southeastern U.S. and eastern Canada. *American Butterflies* 1(2): 27-32 (May) [general; Neotropics]
1995. Un patrimoine méconnu. Les papillons. *La Semaine guyanaise* (Cayenne) 584: 2, 1 fig. (2 March) [general; French Guiana]
1996. Errata. *Lambillionea* 96(1)(1): 108 (April) [*Argyrogrammana*; French Guiana]
1997. Lives of butterflies. Andrew Brower, new Harold E. and Leona M. Rice Professor. *Oregon State University Science Record* 25(1): 8-9, 3 figs. [*Heliconius*]
1998. The Butterfly King. *Wildlife Conservation* 101(3): 56-59, figs. (May) [*Danaus plexippus* (Linnaeus); migration; Mexico]
1999. Harold Skinner: un mundo de expedición. *Laser Faire* 2(27): 8-9, figs. (June) [general; Venezuela]
2001. About face. *Fauna* (New York) 2(2): 19, 4 figs. (March-April) [Papilionidae larva; Ecuador]
- 2004a. Butterflies and other pollinators of Anegada. *Darwin Anegada* 2: 4, 1 fig. (July) [*Calisto anegadensis* Smith, Miller & McKenzie, *Copaeodes eoa* Smith, Miller & McKenzie, *Cyclargus thomasi* (Clench); host plant]
- 2004b. *Butterflies*. London, Quantum Publishing Ltd. 320 pp., figs. [general]
- 2009a. Butterflies of the Cayman Islands by R. R. Askew, and P. A. van B. Stafford. 2008. *Entomologist's Record and Journal of Variation* 121(5): 252, 1 fig. (25 September) [book review]
- 2009b. Butterflies of the Cayman Islands. By R. R. Askew, and P. A. van B. Stafford. 2008. *Bulletin of the amateur Entomologists' Society* 68(486): 214 (October) [book review]
2014. Homenaje a la trayectoria de un notable precursor de la lepidopterología en Colombia: Julián Adolfo Salazar Escobar. *Agricultura tropical* (Bogotá) 36(1/2): 2-21, figs. ("January-June 2013", [after July] 2014) [general]
- [no date]a. Prevent coconut caterpillar outbreaks. *British Guiana Department of Agriculture, Folder 1*: (1 leaf, figs.) [*Brassolis sophorae* (Linnaeus); life history; Guyana]
- [no date]b. *Principales insectos del café y otros cultivos (cacaotero, cítricos, coca, cube, palto, plátano y piña)*. Lima, Universidad Agraria, Departamento de Entomología. [21] pp. [*Papilio thoas* Linnaeus; life history; host plant]
- Ansari, Abdullah**  
2017. See Sambhu, H. et al., 2017.
- Anteparra, Miguel Eduardo, Juan C. Ayvar and Lida B. Granados**  
2011. Algunos aspectos sobre la biología de *Mechanitis polymnia proceriformis* Bryk, 1953 (Lepidoptera: Nymphalidae) asociado con la cocona (*Solanum sessiliflorum* Dunal) en Tingo María. *Aporte santiaguino* (Huaraz) 4(1): 64-74, 9 figs., 2 tabs. (after 24 July) [egg, larva, pupa, imago; host plant; Peru]
- Anteparra, Miguel Eduardo, Susan Ruiz, Lida B. Granados and Walter Díaz**  
2013. Entomofauna asociada con la cocona (*Solanum sessiliflorum* Dunal) en Tingo María, Huánuco. *Investigación y Amazonía* (Tingo María) 2(1/2): 51-59, 1 fig. (after 4 November) [*Mechanitis polymnia proceriformis* Bryk; host plant; Peru]
- Antezana, Marcos Alberto**  
2014. See Pinheiro, C. E. G. et al., 2014.
- Anthony, Nicola**  
2005. See Nice, C. C. et al., 2005.
- Anton, Ana M.**  
2013. See Nores, M. J. et al., 2013.
- Antonelli, Alexandre**  
2019. See Matos, P. F. et al., 2019.
- Antônio, Alex**  
2010. See Antunes, C. S. et al., 2010.
- Antonini, Yasmine, Henrique Guimarães de Souza, Claudia Maria Jacobi and Fábio Borges Mury**  
2005. Diversidade e comportamento dos insetos visitantes florais de *Stachytarpheta glabra* Cham. (Verbenaceae), em uma área de campo ferruginoso, Ouro Preto, MG. *Neotropical Entomology* 34(4): 555-564, 5 figs., 4 tabs. (July-August) [general; Brazil]
- Antunes, Cristiana Silveira**  
2012. See Assis, F. A. de et al., 2012.
- Antunes, Cristiana Silveira, Jair Campos de Moraes, Alex Antônio and Valkiria Fabiana Silva**  
2010. Influência da aplicação de silício na ocorrência de lagartas (Lepidoptera) e de seus inimigos naturais chaves em milho (*Zea mays* L.) e em girassol (*Helianthus annuus* L.). *Bioscience Journal* (Uberlândia) 26(4): 619-625, 4 tabs. (August) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Antunes, Fabiano Ferreira, Ayres de Oliveira Menezes Júnior, Maurício Tavares and Gilson Rudinei Pires Moreira**  
2002. Morfologia externa dos estágios imaturos de heliconíneos neotropicais: I. *Eueides isabella dianasa* (Hübner, 1806). *Revista brasileira de Entomologia* 46(4): 601-610, 37 figs., 1 tab. (31 December) [egg, larva, pupa; host plant; Brazil]
- Añez, Roberto**  
1989. Control de *Opsiphanes cassina* Felder mediante la aplicación aérea de *Bacillus thuringiensis* Berliner var *Kurstaki* (serotipo IIIa y IIIb) y aceites vegetales como portadores. *Palmas* (Bogotá) 10(4): 61-65, 4 figs., 2 tabs. [host plant; Colombia]
- Aoki, Camila**  
2017. See Sigrist, M. R. et al., 2017.
- Aoki, Toshiai**  
2006. See Yamaguchi, S. et al., 2006.
- Aoyama, Elisa Mitsuko, and Adriana Mascarette Labinas**  
2005. Estrutura foliar de *Eupatorium maximilianii* Schrad. (Asteraceae) e suas implicações na herbivoria. *Revista Biociências* (Taubaté) 11(3/4): 126-132, 7 figs., 1 tab. (December) [*Actinote*; host plant; Brazil]
- Aoyama, Yukiya, and Takehiro Kaito**  
2009. Three species of invaded [sic] butterflies to Langkawi Is. – *Dryas julia*, *Cethosia cyane* and *Acraea violae*. *Gekkan-Mushi* 456: 41-43, 14 figs. (February)
- Apaza, Martín Antonio**  
2012. See Guerra, J. F. et al., 2012.  
2016. See Guerra, J. F. & M. A. Apaza, 2016.
- Apaza, Martín Antonio, Francisco Osorio and Angel Pastrana**  
2006. Evaluación del grado de amenaza al hábitat a través de bioindicadores (Lepidóptero [sic]) en dos comunidades dentro del área de influencia del PN ANMI Madidi. *Ciencia y Tecnología agropecuaria* (La Paz) 1(1): 14 pp., 10 figs., 5 tabs. [general; conservation; Bolivia]
- Aplet, Gregory H.**

2011. See Laurance, W. F. et al., 2011.
- Apolinar, Hermano [né Nicholas Seiler]** [1867-1949]
- 1913a. *Dione glycera* Feld. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 1(1): 5-8 (1 February) [egg, larva, pupa, imago; Colombia]
- 1913b. Algunas palabras sobre el *Catonephele chromis* D. H. var. *columbana* Stich. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 1(2): 38-39 (1 May) [Colombia]
- 1913c. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 1(3): 70 (16 July) [general; Colombia]
- 1913d. Apuntes entomológicos. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 1(3): 104-105, 126, 1 fig. (16 July) [*Anaea panariste* Hewitson, *A. ludmilla* Fassl; Colombia]
- 1914a. Apuntes entomológicos. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 2(1): 14-17 (1 February), (2): 43-48 (1 March), (3): 74-80, 1 fig. (1 April) [general; new taxa: *Colias dimera mariae*, *C. d. variety fassli*, *Nathalis plauta* variety *negrescens*, *Idioneura erebioides* form *intermedia*, *Lymanopoda samius* variety *nigripunctata*, *L. s. variety confluens*, *Pedaliodes nebris albipunctata*, *P. n. athymi*, *P. n. conchae*, *P. n. variety abadiae*, *P. n. variety pauli*, *P. n. variety tripunctata*, *P. n. variety modesta*, *P. n. variety estanislaoi*; Colombia]
- 1914b. Especies nuevas. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 2(4): 119-122 (1 May) [general; Papilionidae, Pieridae; Colombia]
- 1914c. Especies nuevas descubiertas y descritas por el Sr. A. H. Fassl (Teplitz Austria) in Societas Entomologica - Año XXV, 1910, p. 9. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 2(6): 174-176 (1 July) [*Dismorphia* spp.; Colombia]
- 1914d. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 2(10): 304 (November) [*Nathalis plauta* new variety *xanthoptera*; Colombia]
- 1915a. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(1): 2-3 (February) [general; Colombia]
- 1915b. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(3): 46-48 (April), (4): 63-64 (May) [general; Colombia]
- 1915c. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(5): 67-68 (June) [general; Colombia]
- 1915d. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(6): 94-96 (July) [general; Colombia]
- 1915e. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(7): 99-100 (August) [*Papilio cacicus apollinaris* Oberthür; Colombia]
- 1915f. Apuntes entomológicos. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(8): 116-117 (September) [*Tatochila xanthodice* Lucas; life history; Colombia]
- 1915g. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(8): 124-128 (September) [general; Colombia]
- 1915h. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(9): 129-130 (October) [general; Colombia]
- 1915i. Datos para la entomología. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(9): 136-139 (October) [general; Colombia]
- 1915j. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(9): 141-144 (October) [*Papilio isidorus* new variety *leargei*; Colombia]
- 1915k. Datos para la entomología colombiana. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(19): 157-158 (November) [general]
- 1916a. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(27): 31-32 (March), (28): 46-48 (April), (29): 60-62 (May), (30): 79-80 (June) [general; new species: *Papilio oberthuri*; Colombia]
- 1916b. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(31): 81-83 (July) [general; Colombia]
- 1916c. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(31): 94-96 (July) [general; *Papilio eutyleon* new form *abadiae*; Colombia]
- 1916d. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(32): 98-99 (August) [general; Colombia]
- 1916e. Insectos. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(32): 102-104 (August) [general; Nymphalinae; Colombia]
- 1916f. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(33): 113-114 (September) [*Papilio euryleon abadiae* Apolinar; Colombia]
- 1916g. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(33): 124-127 (September) [general; Colombia]
- 1916h. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(34): 129-131 (October) [general; Colombia]
- 1916i. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(34): 143-144 (October) [general; Colombia]
- 1916j. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(35): 146 (November) [*Catagramma* spp.; Colombia]
- 1917a. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 5(36): 2-3 (February) [general; Colombia]
- 1917b. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 5(38): 34 (April) [general; Colombia]
- 1917c. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 5(38): 41-44 (April), (39): 62-64 (May) [general; Colombia]
- 1917d. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 5(40): 66 (June) [general; Colombia]
- 1917e. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 5(40): 75-76 (June), (41): 88-89 (July) [general; Colombia]
- 1917f. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 5(43): 113-114, 116 (September) [general; Colombia]
- 1917g. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 5(44): 133 (October) [*Papilio* spp.; Colombia]
- 1917h. Capturas interesantes. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 5(44): 142-144 (October) [general; Colombia]
1918. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 6(46/48): 3 (February-April) [*Callicore* spp.; Colombia]
1920. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 6(55): 63-64, 66 (April) [general; Colombia]
- 1922a. [Notes]. *Boletín de la Sociedad colombiana de Ciencias*

- naturales 8(66): 148, 152 (October) [general; Colombia]
- 1922b. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 9(67): 181 (November) [*Anaea ludmilla* Fassi; Colombia]
- 1922c. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 9(68): 210-211 (December) [general; Colombia]
- 1923a. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 11(69): 242 (March) [general; Colombia]
- 1923b. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 11(71): 282 (August) [general; Colombia]
- 1923c. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 11(73): 353-354 (November) [general; Colombia]
- 1923d. Capturas interesantes. *Boletín de la Sociedad colombiana de Ciencias naturales* 11(73): 371-375 (November) [general; Colombia]
- 1924a. *Anaea laura*. Druce (hembra). *Boletín de la Sociedad colombiana de Ciencias naturales* 13(74): 25-27 (May) [Colombia]
- 1924b. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 13(75): 42 (July) [general; Colombia]
- 1924c. Mariposas ropalóceras (De la colección del Instituto de La Salle. Catálogo explicativo). *Boletín de la Sociedad colombiana de Ciencias naturales* 13(75): 50-67 (July) [general; Papilionidae; Colombia]
- 1924d. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 13(76): 82-83 (August) [general; Colombia]
- 1924e. *Sabatoga* Stg. *Boletín de la Sociedad colombiana de Ciencias naturales* 13(76): 84-86 (August) [new name: *Zapatoca* (for *Sabatoga* Staudinger), new species: *Z. viventienii*; Colombia]
- 1924f. *Dismorphia tricolor* S. et K. *Boletín de la Sociedad colombiana de Ciencias naturales* 13(76): 86-88 (August) [Colombia]
- 1924g. Mariposas ropalóceras. (De la colección del Instituto de La Salle. Catálogo explicativo). *Boletín de la Sociedad colombiana de Ciencias naturales* 13(76): 96-113 (August) [general; new forms: *Papilio rhodostictus nymphius* form *orientalis*, *P. r. n.* form *occidentalis*; Colombia]
- 1924h. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 13(77): 122 (September) [*Papilio* spp.; Colombia]
- 1924i. Mariposas ropalóceras. (De la colección del Instituto de La Salle. Catálogo explicativo). *Boletín de la Sociedad colombiana de Ciencias naturales* 13(77): 145-153 (September), (78): 176-178 (October) [*Papilio* spp.; Colombia]
- 1925a. Catálogo sistemático y sinónimo de los Papilios colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 14(79): 1-6 (February-March), (80): 52-62 (May) [general]
- 1925b. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 14(81): 75 (July) [*Pyrameis carye* (Hübner); Colombia]
- 1925c. Catálogo sistemático y sinónimo de los Papilios colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 14(81): 84 (July), (82): 131-140 (September) [general]
- 1925d. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 14(83): 145 (November) [general; Colombia]
- 1925e. Algo sobre piéridos colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 14(83): 172-179 (November) [general]
- 1926a. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(84): 1-2 (March) [*Dismorphia* spp.; Colombia]
- 1926b. Algo sobre piéridos colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(84): 15-24 (March) [general; new taxa: *Perryhybris pandora* aberration *teresa*, *P. leucodrosime* aberration *mariae*, *Catasticta uricocheae bouvieri*]
- 1926c. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(85): 40 (May) [*Dismorphia* spp.; Colombia]
- 1926d. Algo sobre piéridos colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(85): 43-54 (May) [general; new taxa: *Daptonoura calymnia* aberration *leucoptera*, *D. polyhymnia flavopunctata*, *Terias mexicana henricii*, *T. gaugamela alba*]
- 1926e. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(86): 78-79 (July) [general; Colombia]
- 1926f. Algo sobre piéridos colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(86): 96-105 (July) [general; new taxa: *Dismorphia acutipennis llerasi*, *D. arcadia* aberration *melanoptera*, *D. demeter confluens*]
- 1926g. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(87): 112-113 (September) [general; Colombia]
- 1926h. Algo sobre helicónidos colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(87): 122-130 (September) [general; new subspecies: *Heliconius ismenius abadiae*]
- 1926i. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(88): 148-149 (November) [general; Colombia]
- 1926j. Algo sobre helicónidos colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 15(88): 150-158 (November) [general; new taxa: *Heliconius cydno hermogenes* aberration *xanthosticta*, *H. c. h.* aberration *leucosticta*, *H. c.* variety *dolores*]
- 1927a. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 16(90): 34-35 (May) [*Panacea procilla* Bates; Colombia]
- 1927b. Algo sobre helicónidos colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 16(90): 42-45 (May) [general]
- 1927c. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 16(91): 66-67 (July) [general; Colombia]
- 1927d. Nuevos heliconios colombianos. *Boletín de la Sociedad colombiana de Ciencias naturales* 16(92): 117-120 (September) [*Heliconius ariston* form *colombiana*, *H. mixta*]
- 1927e. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 16(93): 136, 138 (November) [general; Colombia]
- 1928a. Actividades de un naturalista en Colombia. *Boletín de la Sociedad colombiana de Ciencias naturales* 17(94): 11-16 (February-March) [general]
- 1928b. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 17(96): 79 (June-July) [general; Colombia]
- 1928c. Actividades de un naturalista en Colombia. *Boletín de la Sociedad colombiana de Ciencias naturales* 17(96): 90-96 (June-July) [general]
- 1928d. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 17(98): 164 (October-November) [general; Colombia]
- 1928e. Apuntes lepidopterológicos. *Boletín de la Sociedad colombiana de Ciencias naturales* 17(98): 180-183 (October-November) [general; new taxa: *Mechanitis egaensis septentrionalis*, *Callicore astala* variety *coeruleomarginata*; Colombia]
- 1929a. Miscelánea científica. *Revista de la Sociedad colombiana de Ciencias naturales* 4(101): 122-125 (June-July) [general; Colombia]
- 1929b. [Notes]. *Revista de la Sociedad colombiana de Ciencias naturales* 4(102): 136 (August-September) [*Ithomia diasia*



- Hewiton; mimicry; Colombia]
- 1929c. Miscelánea científica. *Revista de la Sociedad colombiana de Ciencias naturales* 4(102): 161-166 (August-September) [general; Colombia]
- 1929d. [Notes]. *Revista de la Sociedad colombiana de Ciencias naturales* 4(103): 184 (October-November) [general; Colombia]
- 1930a. [Notes]. *Revista de la Sociedad colombiana de Ciencias naturales* 4(104): 1-2 (February-March) [general; Colombia]
- 1930b. Miscelánea. *Revista de la Sociedad colombiana de Ciencias naturales* 4(104): 7-10 (February-March) [general; Colombia]
- 1930c. [Notes]. *Revista de la Sociedad colombiana de Ciencias naturales* 4(105): 36 (April-May) [*Perrhybris* spp.; Colombia]
- 1930d. Capturas interesantes. *Revista de la Sociedad colombiana de Ciencias naturales* 4(105): 58-61 (April-May) [general; *Perrhybris lypera* new aberration *mariae*; Colombia]
- 1930e. [Notes]. *Revista de la Sociedad colombiana de Ciencias naturales* 4(106): 81-82 (June-July) [general; Colombia]
1931. Miscelánea. *Revista de la Sociedad colombiana de Ciencias naturales* 4(109): 14-20 (February-March) [*Eumesia semiargentea* Felder; Colombia]
1938. Vocabulario de términos vulgares en historia natural colombiana. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 2(7): 358-365, 2 pls. (August-October) [*Caligo prometheus* (Kollar)]
1939. Miscelánea entomológica. Catálogo explicativo de las ropalóceras colombianas del Museo del Instituto de La Salle. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 3(9/10): 108-111, 2 pls. (March-September) [general; Papilionidae]
- 1940a. Miscelánea entomológica. Catálogo explicativo de las ropalóceras colombianas del Museo del Instituto de La Salle. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 3(11): 332-336, pls. 1-2 (January-April) [general; Papilionidae]
- 1940b. Catálogo explicativo de las ropalóceras colombianas del Museo del Instituto de La Salle. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 3(12): 406-413, pls. 1-2 (May-August); 4(13): 61-63, 2 pls. (September-December) [general; Papilionidae]
1941. Algo sobre piéridos colombianos. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 4(16): 349-355 (August-December) [general]
- 1942a. Vocabulario de términos vulgares en historia natural colombiana. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 5(17): 40-60 (January-June) [*Catagramma columbina* Staudinger]
- 1942b. Algo sobre piéridos colombianos. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 5(17): 102-109, 1 pl. (January-June) [general; *Morpho amathonte* new variety *nigromarginata*]
1944. Vocabulario de términos vulgares en historia natural colombiana. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 5(20): 454-469, 1 pl. (August) [*Papilio* spp.]
1945. Vocabulario de términos vulgares en historia natural colombiana. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 6(22/23): 172-204, 2 pls. (January-August) [*Heliconius charitonius* (Linnaeus), *H. peruvianus* (Felder)]
- 1946a. Vocabulario de términos vulgares en historia natural colombiana. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 6(24): 467-483 (March) [*Papilio* spp.; host plants; Colombia]
- 1946b. Insectos anormales. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 6(24): pls. 1-2 (March) [*Callicore* spp., *Catagramma* spp.; Colombia]
- 1946c. Vocabulario de términos vulgares en historia natural colombiana. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 7(25/26): 14-33 (December) [*Morpho sulkowskyi* Kollar; host plant]
1950. Vocabulario de términos vulgares en historia natural colombiana. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 7(28): 443-456, 1 pl. (May) [*Catagramma*, *Agrias* spp.]
- Aponte, César**  
2000. See Shahabuddin, G. et al., 2000.  
2005. See Shahabuddin, G. & C. Aponte, 2005.
- Aportela, Patricia**  
2012. See Naranjo, J. C. et al., 2012.
- Appel, Arthur G.**  
2001. See Mazer, C. L. & A. G. Appel, 2001.
- Appun, Karl Ferdinand** [1820-1872]  
1871. *Unter den Tropen. Wanderungen durch Venezuela, am Orinoco, durch Britisch Guyana und am Amazonenstrom in den Jahren 1849-1868*. Jena, Hermann Costenoble. 1. *Venezuela*. xii + 559 + [1] pp., frontisp., 5 pls.; 2. *Britisch Guyana*. xii + 598 + [1] pp., frontisp., 7 pls.; *Appendix*. [20] pp. [general]  
1872. Beiträge zur Insecten-Fauna von Venezuela und British Guyana. *Ausland* 45: 41-47, 67-70. [general]
- Aquino, Fabiana de Gois**  
2008. See Lenza, E. et al., 2008.
- Arab, Alberto**  
2014. See Brito, M. M. et al., 2014.
- Arab, Alberto, and José Roberto Trigo**  
2011. Host plant invests in growth rather than chemical defense when attacked by a specialist herbivore. *Journal of chemical Ecology* 37(5): 492-495, 1 fig. (May; published online 27 April) [*Placidina euryanassa* (C. Felder & R. Felder); host plant; Brazil]
- Arab, Alberto, Marcos Nopper Alves, Adilson Sartoratto, Daniela Carvalho Ogasawara and José Roberto Trigo**  
2012. Methyl jasmonate increases the tropane alkaloid scopolamine and reduces natural herbivory in *Brugmansia suaveolens*: Is scopolamine responsible for plant resistance? *Neotropical Entomology* 41(1): 2-8, 4 figs. (February; published online 10 February) [*Placidina euryanassa* (C. Felder & R. Felder); host plant; Brazil]
- Aragón, Agustín**  
2009. See Pérez, B. C. et al., 2009.  
2011. See Pérez, B. C. et al., 2009.  
2015. See Pérez, B. C. et al., 2015.
- Aragón, Agustín, Miguel Ángel Damián, Manuel Huerta, Francisco J. Sáenz, Ignacio Pérez, Vicente Marco and Jesús Francisco López**  
2011. Insect occurrence and losses due to phytophagous species in the amaranth *Amaranthus hypocondriacus* [sic] L. crop in Puebla, Mexico. *African Journal of agricultural Research* 6(27): 5924-5929, 2 tabs. (19 November) [*Pholisora catullus* (Fabricius); host plant]
- Aragón, Agustín, Ana María Tapia and Inés María Teresa Huerta**  
1998. Insectos asociados con el cultivo de amarantho *Amaranthus hypocondriacus* L. (Amaranthaceae) en el valle de Tehuacán, Puebla, México. *Folia entomologica mexicana* 100: 33-43, 3 figs., 1 tab. (31 August) [*Pholisora catullus* (Fabricius); host plant]
- Aragón, Agustín, Ana María Tapia and Betzabeth Cecilia Pérez**  
2011. *Insectos de Puebla*, pp. 142-148, 3 figs., 5 tabs. In: *La Biodiversidad en Puebla. Estudio de Estado*. México,

- Comisión Nacional para el Conocimiento y Uso de la Biodiversidad (CONABIO) [general; Mexico]
- Aragón, Altagracia**  
1942. See Bachstetz, M. & A. Aragón, 1942.
- Aragón, Jorge Raúl**  
1980. See Harcourt, D. G. et al., 1980a.
- Aragón, Jorge Raúl, and Douglas George Harcourt**  
[1978]a. Distribución espacial de los huevos y larvas de *Colias lesbia* (Fab.) (Lepidoptera: Pieridae) en alfalfa. *Revista de Investigaciones agropecuarias. INTA* (Buenos Aires) (5)12(4): 205-215, 2 figs., 5 tabs. ("1975", [1978]) [Argentina]  
[1978]b. Determinación de la población y mortalidad durante los estados de huevo y de larva de *Colias lesbia* (F) (Lepidoptera: Pieridae) en alfalfa. *Revista de Investigaciones agropecuarias. INTA* (Buenos Aires) (5)12(4): 217-226, 1 fig., 4 tabs. ("1975", [1978]) [Argentina]
- Aragón, Jorge Raúl, and José María Imwinkelried**  
2007. *Manejo integrado de plagas de la alfalfa*, pp. 165-197, 5 figs., 5 tabs. In: Basigalup, D. H. (Ed.), *El cultivo de la alfalfa en la Argentina*. Buenos Aires, Instituto Nacional de Tecnología Agropecuaria. (June) [*Colias lesbia* (Fabricius); host plant; parasitoids; predators; pathogens]
- Aragón, Miguel**  
2015. See Pérez, B. C. et al., 2015.
- Arai, Hisayasu**  
1997. See Inoue, T. & H. Arai, 1997.
- Arai, Hisayasu, and Takeo Inoue**  
2000. A new variation of *Agrias phalcidon fourneriae* (Lepidoptera, Nymphalidae) with forewing trifid yellow patches. *Transactions of the lepidopterological Society of Japan* 51(1): 75-76, 3 figs. (1 January) [Brazil]
- Arana, Sandra**  
2007. See Tórriz, M. et al., 2007.
- Aranda, Braulio, and Theodore Alexander Granovsky**  
1971. Introducción al conocimiento de las plagas agrícolas en el Paraguay. *Revista peruana de Entomología* 14(2): 397-398 (December) [*Chlosyne lacinia saundersi* (Doubleday), *Papilio thoas brasiliensis* Rothschild & Jordan; host plants]
- Aranda, Rodrigo**  
2012. See Bogiani, P. A. et al., 2012.  
2016. See Tibcherani, M. et al., 2016.  
2019. See Sousa, W. O. de et al., 2019.
- Arango, Liliana**  
2004. Identificación de las especies miméticas de mariposas en la Reserva Natural Karagabí y el Jardín Botánico de Pueblo Rico (Pueblo Rico, Risaralda, Colombia) Parte I. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 317-327, 7 figs. (November) [also in *Boletín de la Sociedad entomológica aragonesa* 36: 303-307, 7 figs. (30 April 2005)] [general]
- Arango, Liliana, and José Mauricio Montes**  
[2010]. Caracterización entomológica parcial de la cuenca del Río La Miel en el Departamento de Caldas (Colombia). *Boletín científico. Museo de Historia Natural. Universidad de Caldas* 13(2): 249-268, 3 figs., 2 tabs. ("December 2009", [12 April 2010]) [general]
- Arango, Liliana, José Mauricio Montes, Diego Alejandro López and José Orlando López**  
2007. Mariposas (Lepidoptera: Papilionoidea, Hesperoidea [sic]), escarabajos coprófagos (Coleoptera: Scarabaeinae) y hormigas (Hymenoptera: Formicidae) del Ecoparque Alcázares – Arenillo (Manizales, Caldas – Colombia). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 11: 390-409, 9 tabs. (November)
- [general]
- Araque, Joxual Josué**  
2017. See Castillo, M. A. & J. J. Araque, 2017.
- Araque, Joxual Josué, Marcos Augusto Castillo and Jairo Gunera**  
2016. Diversidad de lepidópteros ropalóceros en la finca Cepana, Samulali, Matagalpa, 2015. *Revista nicaragüense de Entomología* 98: 1-[25], 33 figs., 5 tabs., 7 graphs (February) [general; Nicaragua]
- Araque, Ricardo**  
1961. *El cultivo de la piña en Venezuela*. Caracas, Consejo de Bienestar Rural. 36 pp., figs. (April) [reprinted in *Agricultura de las Américas* 11(3): 26-28, 30, 34, 36, figs. (March 1962); and in *Serie de Cultivos. Consejo de Bienestar rural* (Caracas) 5: 1-36, figs. (June 1963)] [*Thecla echion* (Linnaeus), *Dynastor darius* (Fabricius); host plants]  
1967. La guanábana. *Serie de Cultivos. Consejo de Bienestar rural* (Caracas) 13: 1-16, figs. (October) [*Thecla ortygnus* (Linnaeus); Venezuela]
- Araújo, Aldo Mellender de**  
1980. Estudos genéticos e ecológicos em *Heliconius erato* (Lepidoptera, Nymphalidae). *Actas. IV Congreso latino-americano de Genética* 2: 199-206, 3 tabs. [Brazil, Trinidad]  
1981. See Saalfeld, K. & A. M. de Araújo, 1981.  
1982. See Lima, F. de A. M. de & A. M. de Araújo, 1982.  
1983a. See Gus, R. et al., 1983.  
1983b. See Pansera, M. C. G. & A. M. de Araújo, 1983.  
1985. See Menna-Barreto, Y. & A. M. de Araújo, 1985.  
1986a. See Di Mare, R. A. & A. M. de Araújo, 1986.  
1986b. See Romanowski, H. P. et al., 1986.  
1987. Teoria dos jogos e estratégias evolutivamente estáveis. *Actas XVII Congreso argentino de Genética*, pp. 27-33, 1 fig. [*Heliconius erato phyllis* (Fabricius); host plants; Brazil]  
1991a. See Périco, E. & A. M. de Araújo, 1991.  
1991b. See Penz, C. M. & A. M. de Araújo, 1991.  
1992. See Oliveira, D. L. de & A. M. de Araújo, 1992.  
1993a. See Ruzszczyk, A. & A. M. de Araújo, 1993.  
1993b. See Haag, K. L. et al., 1993.  
1994a. See Maurício-da-Silva, L. & A. M. de Araújo, 1994.  
1994b. See Haag, K. L. & A. M. de Araújo, 1994.  
2004. See Ruzszczyk, A. et al., 2004.  
2006. See Ferreira, A. A. et al., 2006.  
2008. See Mega, N. O. & A. M. de Araújo, 2008.  
2009. See Ferreira, A. A. et al., 2009.  
2010a. See Mega, N. O. & A. M. de Araújo, 2010.  
2010b. See Klein, A. L. & A. M. de Araújo, 2010.  
2010c. See Fuhro, D. et al., 2010.  
2011. See Nardin, J. de & A. M. de Araújo, 2011.  
2013a. See Aymone, A. C. B. et al., 2013.  
2013b. See Klein, A. L. & A. M. de Araújo, 2013.  
2014. See Aymone, A. C. B. et al., 2014.  
2015. See Nardin, J. de et al., 2015.  
2016. See Nardin, J. de et al., 2016.  
2017. See Nardin, J. de et al., 2017.  
2018. See Nardin, J. de et al., 2018.
- Araújo, Aldo Mellender de, and Vera Lúcia da Silva Valente**  
1981. Observações sobre alguns lepidópteros e drosofilídeos do Parque do Turvo, RS. *Ciência e Cultura* (São Paulo) 33(11): 1485-1490, 3 figs., 4 tabs. (November) [general; mimicry; Brazil]
- Araújo, Alexandre Fernandes Bamberg de, Denise Cristina Ferreira and Eliane Aparecida Silva**  
1987. Borboletas da mata do Carrinho, Uberaba, Minas Gerais. *Anais dos Seminários de Ciências da FIUBE* (Uberaba) 1: 55-76, 4 figs., 2 tabs. [general; ecology; mimicry; Brazil]

- Araújo, Alice Maria Nascimento de**  
2011. See Broglio-Micheletti, S. M. F. et al., 2011.
- Araújo, Andréa Cardoso**  
2011. See Camargo, E. et al., 2011.
- Araújo, Cristina Oliveira**  
2006. See Flinte, V. et al., 2006.
- Araújo, Daniel Mendes Pereira Ardisson de**  
2015. See Silva, L. A. da et al., 2015.  
2018. See Santos, E. R. dos et al., 2018.  
2019. See Ribeiro, B. M. et al., 2019.
- Araújo, Edigênia Cavalcante da Cruz**  
2017. See Carvalho Neto, M. F. de et al., 2017.
- Araújo, Eliezer Beleza de**  
2012. See Silva, N. A. P. da et al., 2012.  
2014. See Silva, N. A. P. da et al., 2014.
- Araújo, Francisco Edson de**  
1974. See Cavalcante, R. D. et al., 1974.
- Araújo, Francisco Pinheiro de**  
2010. See Kiill, L. H. P. et al., 2010.
- Araújo, Heráclides César de Souza** [1886-1962]  
1918. See Lutz, A. et al., 1918.
- Araújo, Ivanei Souza**  
2007a. See Barlow, B. J. et al., 2007a.  
2007b. See Barlow, B. J. et al., 2007b.  
2008a. See Gardner, T. A. et al., 2008.  
2008b. See Barlow, B. J. et al., 2008.
- Araújo, João Marques de**  
1996. See Neves, L. L. de M. et al., 1996.
- Araújo, Laena Silva, Anderson Matos Medina and Miriam Gimenes**  
2018. Pollination efficiency on *Ipomoea bahiensis* (Convolvulaceae): morphological and behavioural aspects of floral visitors. *Iheringia (Zoologia)* 108(e2018012): 1-5, 2 figs., 2 tabs. (published online 11 June) [general; Brazil]
- Araújo, Lenyneves Duarte Alvino de, Zelma Glebya Maciel Quirino and Isabel Cristina Sobreira Machado**  
2011. Fenologia reprodutiva, biologia floral e polinização de *Allamanda blanchetii*, uma Apocynaceae endêmica da caatinga. *Revista brasileira de Botânica* 34(2): 211-222, 10 figs., 3 tabs. (June) [*Anteos clorinde* (Godart), *Phoebis sennae* (Linnaeus), *P. philea* (Linnaeus), *Epargyreus*; Brazil]  
2014. High specialisation in the pollination system of *Mandevilla tenuifolia* (J.C. Mikan) Woodson (Apocynaceae) drives the effectiveness of butterflies as pollinators. *Plant Biology* 16(5): 947-955, 4 figs., 2 tabs. (September; published online 14 March) [general; Brazil]
- Araújo, Maíra Xavier**  
2011. See Zacca, T. et al., 2011.  
2014. See Kerpel, S. M. et al., 2014a.
- Araújo, Marcelo Antunes**  
1997. See Dutra, R. R. C. & M. A. Araújo, 1997.
- Araújo, Mercia Carolina de, and Henrique Paprocki**  
2015. Lista de Lepidoptera do Parque Ecológico Felisberto Neves, Betim, Minas Gerais. *Sinapse múltipla* 4(1): 1-15, figs., 1 tab. (July) [general; Brazil]
- Araújo, Paula Beatriz de**  
2008. See Grazia, J. et al., 2008.
- Araújo, Poliana Felix**  
2018. See Santos, J. P. dos et al., 2018.  
2019. See Santos, J. P. dos et al., 2019.
- Araújo, Renato Lion de** [1912-1978]  
1938. Uma praga do abacateiro. *O Biológico* (São Paulo) 4(6): 207-208 (June) [also in *Agricultura e Pecuária* (Rio de Janeiro) 6(191): 21 (February 1939) and 9(218): 1-2 (May 1941)] [*Papilio scamander grayi* Boisduval; life history; Brazil]
1944. Inimigos naturais da planta e da madeira. Insetos, pp. 113-114. In: Kühlmann, M. "Açoita cavalo" - *Luehea divaricata* Mart. e espécies afins (Tiliaceae). *Relatório anual do Instituto de Botânica* (São Paulo) 1943: 105-126, 9 figs. (March) [*Pereute swainsonii* (Gray); host plant; Brazil]
- Araújo, Tamiris Alves de, Marcelo Coutinho Picanço, Dalton de Oliveira Ferreira, Júlia Nogueira Duarte Campos, Lucas de Paula Arcanjo and Gerson Adriano Silva**  
2017. Toxicity and residual effects of insecticides on *Ascia monuste* and predator *Solenopsis saevissima*. *Pest Management Science* 73(11): 2259-2266, 4 figs., 1 tab. (November; published online 4 May) [host plant; Brazil]
- Araújo Júnior, Elias de Costa**  
2017a. See Martins, L. P. et al., 2017a.  
2017b. See Martins, L. P. et al., 2017b.
- Araujo-Pérez, Félix**  
2010. See Counterman, B. A. et al., 2010.
- Araya, Jaime Eduardo**  
1977. See Arretz, P. & J. E. Araya, 1977.  
2000. See Guerrero, M. A. et al., 2000.
- Araya, Jaime Eduardo, María Angélica Guerrero, A. Sanhueza and Elisa Viñuela**  
2005a. *Apanteles glomeratus*, parasitoide de larvas de la mariposa blanca de la col, *Pieris brassicae*. *Phytoma* 169: 58-60, 7 figs. (May) [host plants; Chile]
- Araya, Jaime Eduardo, A. Sanhueza and María Angélica Guerrero**  
2005b. Efecto de varios insecticidas sobre adultos de *Apanteles glomeratus* (L.), parasitoide de larvas de la mariposa blanca de la col, *Pieris brassicae* L. *Boletín de Sanidad vegetal, Plagas* 31(4): 617-622, 3 tabs. (December) [host plants; Chile]
- Araya, José**  
1998. See Monge-Nájera, J. et al., 1998.
- Arbino, Manuel Osvaldo**  
2018. See Gervazoni, P. B. & M. O. Arbino, 2018.
- Arbuckle, Kevin**  
2017. See Cuthill, I. C. et al., 2017.
- Arcanjo, Lucas de Paula**  
2017. See Araújo, T. A. de et al., 2017.  
2018. See Lopes, M. C. et al., 2018.
- Arcaya, Evelin**  
2010. See Morales, J. et al., 2010.
- Arce, Martha Gladys**  
1969. See Crouzel, I. S. de et al., 1969.  
1970a. Morfología de los estados inmaduros y aspectos biológicos de *Euphorocera haywardi* (Blanchard) (Dip.: Tach.) parásita de *Colias lesbia* (F.). *Revista de Investigaciones agropecuarias* (Buenos Aires) (5)7(3): 105-127, 2 pls., 7 figs. (August) [Argentina]  
1970b. See Crouzel, I. S. de et al., 1970.  
1976. Aspectos biológicos de *Apanteles lesbiae* Blanchard (Hymenóptero: Braconidae [sic]) parásito de la isoca de la alfalfa *Colias lesbia* (F) (Lepidoptera: Pieridae). *Idia* (Buenos Aires) 337/342: 39-45, 8 figs., 2 tabs. (January-June) [Argentina]  
1983. See Neder, L. E. & M. G. Arce, 1983.  
1990. See Neder, L. E. & M. G. Arce, 1990.
- Areces-Mallea, Alberto**  
1994. See Hernández, L. R. et al., 1994.
- Areekul, Buntika, and Donald L. J. Quicke**  
2006. The use of colour characters in phylogenetic reconstruction. *Biological Journal of the Linnean Society* 88(2): 193-202, 2 figs., 3 tabs. (June; published online 26 May) [general]
- Arellano, Alfredo**

1992. See Alonso, A. et al., 1992.
- Arellano, Alfredo, John I. Glendinning, James B. Anderson and Lincoln Pierson Brower**
1993. Interspecific comparisons of the foraging dynamics of black-backed orioles and black-headed grosbeaks on overwintering Monarch butterflies in Mexico. *Science Series. Natural History Museum of Los Angeles County* 38: 315-322, 4 figs., 4 tabs. (18 February) [*Danaus plexippus* (Linnaeus); predators]
- Arellano, Arturo**
2013. See Llorente, J. E. et al., 2013.
2017. See Luis, M. A. et al., 2017.
2019. See Llorente, J. E. et al., 2019.
- Arellano, Arturo, Jorge Enrique Llorente and Moisés Armando Luis**
2018. Distribución y fenología de la familia Riodinidae (Lepidoptera: Papilionoidea) en el bosque tropical subcaducifolio de Oaxaca, México. *Revista de Biología tropical* 66(2): 503-558, 12 figs., 6 tabs. (June; published online 24 May) [general]
- Arellano, Arturo, Marysol Trujano, Moisés Armando Luis, María de las Mercedes Luna and Jorge Enrique Llorente**
2019. Geographical distribution of *Lasaia* Bates, 1868 (Lepidoptera: Riodinidae) across the biogeographical provinces of Mexico. *Zootaxa* 4656(2): 243-273, 9 figs., 3 tabs. (14 August) [general]
- Arellano, Lucrecia**
2011. See Laurance, W. F. et al., 2011.
- Arellano, Marcos A.**
1966. See Simón, J. E. et al., 1966.
- Arenas, Johan Gustavo, Anaya Carolina Moreno and Gustavo Giraldo**
2009. Estudio de las mariposas en la Institución Educativa Las Damas del municipio de Calamar (Guaviare, Colombia), una estrategia en la búsqueda de conciencia ambiental. *Bio-grafía: Escritos sobre la Biología y su Enseñanza* 2(1): 1-17, 9 figs., 4 tabs. (also seen as 2(2): 79-95, 9 figs., 4 tabs.) (June) [general; conservation]
- Arendt, Wayne**
2013. See Tórrez, M. et al., 2013.
- Arévalo, Helber Adrián**
2010. Espejito, espejito, quien es la más bella mariposas de los Andes. *Notas y Noticias entomológicas* (Bogotá) 30(4): 16, 1 fig. (December) [*Dione moneta* (Hübner); Colombia]
- Arévalo, Isabel S. de**
1976. See Posada, L. et al., 1976.
- Arévalo, Roberto Antonio**
2007. See Guirado, N. et al., 2007.
- Argüello, Nilda Virla de [ -2012]**
1980. See Brewer, M. M. de & N. V. de Argüello, 1980.
- Argumosa, José Angel de**
1977. Etnolepidopterología. Método inédito de pintura-tatuaje mediante orugas de piéridos. *Graellsia* 31: 293-298, pl. 4 (7 December) [Venezuela]
- Arias, Carlos Francisco**
2005. See Salazar, C. A. et al., 2005.
2009. See Elias, M. et al., 2009.
- 2017a. See Enciso-Romero, Juan et al., 2017.
- 2017b. See Van Belleghem, S. M. et al., 2017.
- 2019a. See Chazot, N. et al., 2019a.
- 2019b. See Concha, C. et al., 2019.
- Arias, Carlos Francisco, Natalia Giraldo, William Owen McMillan, Gerardo Lamas, Christopher David Jiggins and Camilo Andrés Salazar**
2017. A new subspecies in a *Heliconius* butterfly adaptive radiation (Lepidoptera: Nymphalidae). *Zoological Journal of the Linnean Society* 180(4): 805-818, 4 figs. (1 August; published online 23 March) [*H. timareta linaresi*; Venezuela, Colombia, Ecuador, Peru]
- Arias, Carlos Francisco, Astrid Geovana Muñoz, Christopher David Jiggins, Jesús Mavárez, Eldredge P. Bermingham and Mauricio Linares**
2008. A hybrid zone provides evidence for incipient ecological speciation in *Heliconius* butterflies. *Molecular Ecology* 17(21): 4699-4722, 3 figs., 4 tabs. (November; published online 1 October) [Colombia]
- Arias, Carlos Francisco, Claudia Rosales, Camilo Andrés Salazar, Jully Castaño, Eldredge P. Bermingham, Mauricio Linares and William Owen McMillan**
2012. Sharp genetic discontinuity across a unimodal *Heliconius* hybrid zone. *Molecular Ecology* 21(23): 5778-5794, 4 figs. (December; published online 13 September) [*H. cydno cydnides* Staudinger, *H. c. weymeri* Staudinger; Colombia]
- Arias, Carlos Francisco, Camilo Andrés Salazar, Claudia Rosales, Marcus R. Kronforst, Mauricio Linares, Eldredge P. Bermingham and William Owen McMillan**
2014. Phylogeography of *Heliconius cydno* and its closest relatives: disentangling their origin and diversification. *Molecular Ecology* 23(16): 4137-4152, 4 figs. (August; published online 22 July) [general; Central and South America]
- Arias, Carlos Francisco, Steven M. Van Belleghem and William Owen McMillan**
2016. Genomics at the evolving species boundary. *Current Opinion in Insect Science* 13: 7-15, 3 figs. (February; published online 4 November 2015) [*Heliconius*; evolution; Neotropics]
- Arias, Diana C.**
2012. See Pérez, A. et al., 2012.
- Arias, Dulce María [1960- ]**
2002. See Dorado, Ó. et al., 2002.
2009. See Dorado, Ó. et al., 2009.
- Arias, John Jairo**
2004. See Donegan, T. M. et al., 2004.
- 2007a. See Huertas, B. C. & J. J. Arias, 2007a.
- 2007b. See Huertas, B. C. & J. J. Arias, 2007b.
- Arias, John Jairo, and Blanca Cecilia Huertas**
2001. Mariposas diurnas de la Serranía de los Churumbelos, Cauca. Distribución altitudinal y diversidad de especies (Lepidoptera: Rhopalocera: Papilionoidea). *Revista colombiana de Entomología* 27(3/4): 169-176, 5 figs., 3 tabs. (November) [general; Colombia]
- Arias, Jorge Ramón [1943-2014]**
1982. See Penny, N. D. & J. R. Arias, 1982.
- Arias Juan Carlos**
1968. *Las expediciones científicas españolas durante el siglo XVIII. Expedición Botánica de Nueva España*. Madrid, Ediciones Cultura Hispánica. 427 pp., 59 pls. (5 June) [general; new taxa (*nomina nuda*); Mexico]
- Arias, María Mónica**
2016. See Chouteau, M. et al., 2016.
- Arias, María Mónica, Yann Le Poul, Mathieu Chouteau, Romain Boisseau, Neil Rosser, Marc Théry and Violaine Llaurens**
- 2016a. Crossing fitness valleys: empirical estimation of a fitness landscape associated with polymorphic mimicry. *Proceedings of the royal Society of London (B)* 283(1829)(20160391): 1-9, 3 figs. (27 April) [*Heliconius numata* (Cramer); Peru]
- Arias, María Mónica, Johanna Mappes, Charlotte Desbois, Swanne Gordon, Melanie McClure, Marianne Elias, Ossi Nokelainen and Doris Gómez**

2019. Transparency reduces predator detection in mimetic clearwing butterflies. *Functional Ecology* 33(6): 1110-1119, 2 figs. (June; published online 21 February) [*Hypothyris ninonia* (Hübner), *Ceratinia tutia* (Hewitson), *Ithomia salapia aquinifija* Hopffer, *Brevioleria seba* (Hewitson)]; behavior; Peru]
- Arias, María Mónica, Johanna Mappes, Marc Théry and Violaine Llaurens**
- 2016b. Inter-species variation in unpalatability does not explain polymorphism in a mimetic species. *Evolutionary Ecology* 30(3): 419-433, 2 figs., 2 tabs. (June; published online 26 December 2015) [*Heliconius numata* (Cramer), *H. melpomene* (Linnaeus), *H. erato* (Linnaeus), *Mechanitis polymnia* (Linnaeus); Peru]
- Arias, María Mónica, Aimilia Meichanetzoglou, Marianne Elias, Neil Rosser, Donna Lisa de Silva, Bastien Nay and Violaine Llaurens**
- 2016c. Variation in cyanogenic compounds concentration within a *Heliconius* butterfly community: does mimicry explain everything? *BMC evolutionary Biology* 16(272): 1-10, 4 figs., 2 tabs. (published online 15 December) [general; Peru]
- Arias, Myriam**
2006. See Molina, N. & M. Arias, 2006.
- Arias-Jaramillo, Mónica**
2017. See Salazar, J. A. & M. Arias-Jaramillo, 2017.
- Arias-Reverón, Julio M.**
2017. See Castro, O. et al., 2017.
- Aridjjs, Betty**
2018. See Brower, A. V. Z. et al., 2018.
- Aridjjs, Homero**
2000. Flight of kings. The monarch butterfly: memory and poetry. *The Amicus Journal* 22(2): 26-29, figs. [*Danaus plexippus* (Linnaeus)]; migration; conservation; Mexico]
2018. See Brower, A. V. Z. et al., 2018.
- Ariga, Syunji**
2006. See Yazaki, Y. & S. Ariga, 2006.
- Arikawa, Kentaro**
2004. See Stavenga, D. G. et al., 2004.
- 2006a. See Stavenga, D. G. et al., 2006.
- 2006b. See Stavenga, D. G. & K. Arikawa, 2006.
- Arikawa, Kentaro, Michiyo Kinoshita and Doekele G. Stavenga**
2004. *Color vision and retinal organization in butterflies*, pp. 193-219, 15 figs., 1 tab. In: Prete, F. R. (Ed.), *Complex worlds from simpler nervous systems*. Cambridge, MIT Press. [general]
- Ariño, Antonio, and Vicente M. Ortuño**
2005. Catalogue of fossil insect species described from Dominican amber (Miocene). *Stuttgarter Beiträge zur Naturkunde* (B)352: 1-68 (6 June) [*Voltinia dramba* Hall, Robbins & Harvey; Dominican Republic]
- Arim, Matías**
2018. See Borthagaray, A. I. et al., 2018.
- Arista, Montserrat, Paulo Eugênio Oliveira, Peter Edward Gibbs and Salvador Talavera**
1997. Pollination and breeding system of two co-occurring *Hirtella* species (Chrysobalanaceae) in central Brazil. *Botanica Acta* 110(6): 496-502, 3 figs., 4 tabs. (December) [general]
- Aristizábal, Luis Fernando, Leidy V. Cardona, Efraín Reinel Henao, Misael Salgado and Steven P. Arthurs**
- 2013b. Insects associated with tropical foliage produced in the coffee growing region of Colombia. *Revista brasileira de Entomologia* 57(3): 313-318, 1 fig., 3 tabs. (30 September; published online 20 September) [general]
- Aristizábal, Luis Fernando, Kadya Andrea Ospina, Uver Andersy Vallejo, Efraín Reinel Henao, Misael Salgado and Steven P. Arthurs**
- 2013a. Entomofauna associated with *Heliconia* spp. (Zingiberales: Heliconiaceae) grown in the central area of Colombia. *Florida Entomologist* 96(1): 112-118, 1 fig., 2 tabs. (March) [*Actinote antea* (Doubleday), *Ascia*; host plants]
- Ariza, Rubén Darío**
1998. See Duarte, H. W. et al., 1998.
- Arizala, Stephany**
2015. See Basset, Y. et al., 2015.
2017. See Basset, Y. et al., 2017.
- Arizmendi, María del Coro**
2011. See Laurance, W. F. et al., 2011.
- Armas, Luis F. de [1945- ]**
1999. Observaciones sobre una migración de mariposas (Lepidoptera: Pieridae) en El Toldo, Moa, provincia de Holguín. *Cocuyo* 9: 16-17 (December) [Cuba]
2004. *Malpighia puniceifolia* (Malpighiaceae), nueva planta hospedera de *Allosmaitia c. coelebs* (Lepidoptera: Lycaenidae). *Cocuyo* 14: 14, 1 fig. (September)
2013. Nuevos datos sobre la larva y la pupa del endemismo cubano *Allosmaitia coelebs* (Lepidoptera: Lycaenidae). *Boletín de la Sociedad entomológica aragonesa* 53: 329-330, 1 fig. (31 December) [host plants]
2015. See Núñez, R. & L. F. de Armas, 2015.
2017. See Núñez, R. & L. F. de Armas, 2017.
- Armas, Luis F. de, and Giraldo Alayón**
1987. Observaciones sobre la ecología trófica de una población de *Argiope trifasciata* (Araneae: Araneidae) en el sur de La Habana. *Poeyana* 344: 1-18, 3 figs., 1 tab. (17 April) [general; predator; Cuba]
- Armas, Luis F. de, and Rayner Núñez**
2011. *Cleome serrata* (Cleomaceae): nueva planta hospedera de tres especies de lepidópteros (Lepidoptera: Pieridae, Crambidae) en Cuba. *Boletín de la Sociedad entomológica aragonesa* 49: 347-348, 1 fig. (31 December) [*Ascia monuste eubotea* (Godart), *Glutophrissa drusilla poeyi* (Butler)]
2015. Ciclo de vida y aspectos de la historia natural de *Chioides marmorosa*, con notas sobre otros hespéridos simpátricos de Cuba (Lepidoptera: Hesperidae). *Boletín de la Sociedad entomológica aragonesa* 57: 307-314, 5 figs., 1 tab. (31 December) [general; egg, larva, pupa, imago; host plants; predators; parasitoids]
- Armbrecht, Inge**
2011. See Ascuntar, O. et al., 2011.
2014. See Calero, H. et al., 2014.
- Armbruster, William Scott**
1982. Seed production and dispersal in *Dalechampia* (Euphorbiaceae): divergent patterns and ecological consequences. *America Journal of Botany* 69(9): 1429-1440, 5 figs., 8 tabs. (27 October) [*Hamadryas* spp., *Dynamine* spp.; host plants]
1983. *Dalechampia scandens* (*Ortiguilla*, *Bejuco de Pan*), pp. 230-233, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [*Hamadryas*, *Dynamine*; host plants]
1994. Early evolution of *Dalechampia* (Euphorbiaceae): Insights from phylogeny, biogeography, and comparative ecology. *Annals of the Missouri Botanical Garden* 81(2): 302-316, 6 figs., 4 tabs. (8 April) [Eurytelinae; host plants; Neotropics]
- Armbruster, William Scott, and William R. Mziray**
1987. Pollination and herbivore ecology of an African *Dalechampia* (Euphorbiaceae): comparisons with New World species. *Biotropica* 19(1): 64-73, 5 figs., 4 tabs. (March) [Eurytelinae, Nymphalinae; host plants; Neotropics]
- Armesto, Juan José**

1982. See Arroyo, M. T. K. et al., 1982.  
1997. See Rozzi, R. et al., 1997.
- Armesto, Orlando**  
2018. See Acevedo, A. A. et al., 2018.
- Armijo-Prewitt, T.**  
2005. See Dingle, H. et al., 2005.
- Arnal, Eustaquio**  
1998. See Delgado, A. et al., 1998.
- Arnaldi, Kimberly G.**  
2018. See Schär, S. et al., 2018.
- Arnaud, Paul Henry, Jr.** [1924- ]  
1978. A host-parasite catalog of North American Tachinidae (Diptera). *Miscellaneous Publication. United States Department of Agriculture* 1319: ii + 860 pp., 1 pl. (June) [general]  
1994. The Rudolf Hans Bock Lepidoptera collection donated to the California Academy of Sciences. *Myia* 5: 209-210 (29 July) [general]
- Arnegard, Matthew L.**  
2012. See Conte, G. L. et al., 2012.
- Arnett, Ross Harold, Jr.** [1919-1999]  
1989. See Gerberg, E. J. & R. H. Arnett, Jr., 1989.
- Arnold, Richard Arthur**  
1983. *Speyeria callippe* (Lepidoptera: Nymphalidae): Application of information-theoretical and graph-clustering techniques to analyses of geographic variation and evaluation of classifications. *Annals of the entomological Society of America* 76(6): 929-941, 6 figs., 6 tabs. (November) [Mexico]  
1985. Geographic variation in natural populations of *Speyeria callippe* (Boisduval) (Lepidoptera: Nymphalidae). *Pan-Pacific Entomologist* 61(1): 1-23, 12 figs., 5 tabs. (20 February) [Mexico]
- Arnqvist, Göran**  
1998. Comparative evidence for the evolution of genitalia by sexual selection. *Nature* (London) 393(6687): 784-786, 1 fig., 1 tab. (25 June) [*Eueides*, *Heliconius*]
- Arnqvist, Göran, Martin Edvardsson, Urban Friberg and Tina Nilsson**  
2000. Sexual conflict promotes speciation in insects. *Proceedings of the national Academy of Sciences of the United States of America* 97(19): 10460-10464, 1 fig., 1 tab. (12 September) [general; evolution]
- Arredondo, Aminta**  
1994. See Andrade, M. G. et al., 1994.
- Arredondo, Miguel Alberto**  
2013. See Angulo, J. T. et al., 2013.
- Arregui, Teresa, and Giovanni Onore**  
1989. Estudio preliminar sobre la entomofauna asociada a *Lupinus mutabilis* Sweet, en el Ecuador. *Memorias. VI Congreso Internacional sobre Cultivos Andinos* (Quito), pp. 185-188, 1 tab. [*Colias dimera* Doubleday, "*Tecla*" *oxida* Hewitson, *Leptotes ochsenheimerii* (Godart); host plant]
- Arretz, Patricio**  
1973. See González, R. H. et al., 1973.
- Arretz, Patricio, and Jaime Eduardo Araya**  
1977. Control químico y microbiológico de huevos y larvas de *Pieris brassicae* L. *Investigación agrícola* (Santiago de Chile) 3(2): 69-73, 3 figs., 1 tab. (May-August) [host plant; Chile]
- Arriaga, Stefan Louis**  
2011. See González, N. A. et al., 2011.
- Arrieche, Norayda**  
2010. See Morales, J. et al., 2010.  
2019. See Paz, R. et al., 2019.
- Arroyo, Mary Therese Kalin** [1944- ]  
1995. See García-Franco, J. G. & M. T. K. Arroyo, 1995.  
1997. See Rozzi, R. et al., 1997.  
2003a. See Medel, R. et al., 2003.  
2003b. See Muñoz, A. A. & M. T. K. Arroyo, 2003.  
2005. See Muñoz, A. A. et al., 2005.  
2006. See Pérez, F. et al., 2006.  
2007. See Torres, C. et al., 2007.
- Arroyo, Mary Therese Kalin, Richard B. Primack and Juan José Armesto**  
1982. Community studies in pollination ecology in the high temperate Andes of Central Chile. I. Pollination mechanisms and altitudinal variation. *American Journal of Botany* 69(1): 82-97, 4 figs., 3 tabs. (29 January) [general]
- Arroyo, Mary Therese Kalin, Irene Till-Bottraud, Cristian Torres, Carolina A. Henríquez and Jaime Martínez**  
2007. Display size preferences and foraging habits of high Andean butterflies pollinating *Chaetanthera lycopodioides* (Asteraceae) in the subnival of the central Chilean Andes. *Arctic, antarctic and alpine Research* 39(3): 347-352, 5 figs., 1 tab. (August; published online 11 October) [general]
- Arruda, Eneide Carvalho de, and Geraldo Pereira de Arruda**  
1971. Noções fundamentais sobre algumas pragas de plantas cultivadas no Estado de Pernambuco. *Monografia. Instituto de Ciências biológicas. Universidade federal rural de Pernambuco* (Recife) 8: 1-123, 5 figs. (March) [general; host plants; Brazil]
- Arruda, Geraldo Pereira de**  
1971. See Arruda, E. C. de & G. P. de Arruda, 1971.  
1975. See Veiga, A. F. de S. L. et al., 1975.
- Arruda, J. L. V.**  
1985. See Oliveira, E. G. de et al., 1985.
- Arruda, Vera Licia Vaz de**  
2006. See Nogueira, E. M. L. & V. L. V. de Arruda, 2006.
- Arthur, Noah**  
2009. *Chlosyne rosita montana* A. Hall, 1924 (Lepidoptera: Nymphalidae: Melitaeini): a new record for New Mexico. *News of the Lepidopterists' Society* 51(3): 93-94, 2 figs. (13 November) [Mexico]
- Arthurs, Steven P.**  
2013a. See Aristizábal, L. F. et al., 2013a.  
2013b. See Aristizábal, L. F. et al., 2013b.
- Artieda, Nathalia**  
2019. See Torres, K. P. et al., 2019.
- Artigas, Jorge Narciso** [1929- ]  
1969. See Cekalovic, T. N. & J. N. Artigas, 1969.  
1974. See Cekalovic, T. N. & J. N. Artigas, 1974.  
1981. See Cekalovic, T. N. & J. N. Artigas, 1981.  
1993. See Cekalovic, T. N. et al., 1993.
- Artigas, Jorge Narciso, and Elvira S. Solar**  
2015. Catálogo de los tipos depositados en las colecciones zoológicas de la Universidad de Concepción (MZUC-UCCC) entre diciembre de 1992 y agosto de 2015. *Gayana* 79(2): 173-207, 1 tab. (December) [general; Chile; Argentina]
- Arvallo, José Adrián**  
2016. See Domínguez, J. E. et al., 2016.
- Asadollahbaik, Asa**  
2012. See Boden, S. A. et al., 2012.
- Ascani, Ottorino**  
1977. Da regine della foresta a mostri della metropoli. *Rivista entomologica* (Bologna) 2(2): 4-6, 2 figs. (March-April), (3/4): 17-19, 6 figs. (May-August), (5): 4-6, 3 figs. (September-October), (6): 22-23 (November-December) [*Morpho menelaus* (Linnaeus)]
- Ascuntar, Oscar, Inge Armbrrecht and Zoraida Calle**  
2011. Butterflies and vegetation in restored gullies of different

- ages at the Colombian Western Andes. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(2): 169-186, 1 fig., 4 tabs. (after 10 January) [general]
- Ashakumary, Laksmikutty A.**  
2006. See Yasukochi, Y. et al., 2006.
- Ashe, James Stephen** [1947-2005], and **David H. Kistner**  
1989. Larvae and adults of a new species of *Euvira* (Coleoptera: Staphylinidae: Aleocharinae) from the nests of the communal pierid butterfly *Eucheira socialis* with a redescription of the genus *Euvira*. *Sociobiology* 15(1): 85-106, 10 figs. [Mexico]
- Askew, Richard Robinson** [1935- ]  
1980. The butterfly (Lepidoptera, Rhopalocera) fauna of the Cayman Islands. *Atoll Research Bulletin* 241: 121-138, pls. 19-21. [general]  
1988. Butterflies of Grand Cayman, a dynamic island fauna. *Journal of natural History* 22(4): 875-881, 1 fig., 2 tabs. ([30] August) [general; biogeography]  
1994. Insects of the Cayman Islands. *Monographiae biologicae* 71: 333-356, 3 figs., 3 tabs. [general]
- Askew, Richard Robinson, and P. Ann van B. Stafford**  
2008. *Butterflies of the Cayman Islands*. Stenstrup, Apollo Books. 169 pp., 6 pls., figs. [general]
- Assis, Franscinely Aparecida de, Jair Campos de Moraes, Gleice Aparecida de Assis and Francisco José Toloza Parolin**  
2015. Induction of caterpillar resistance in sunflower using silicon and acibenzolar-s-methyl. *Journal of agricultural Science and Technology* 17(3): 543-550, 2 figs., 2 tabs. (June) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Assis, Franscinely Aparecida de, Jair Campos de Moraes, Alexander Machado Auad and Mariane Coelho**  
2013. The effects of foliar spray application of silicon on plant damage levels and components of larval biology of the pest butterfly *Chlosyne lacinia saundersii* [sic] (Nymphalidae). *International Journal of Pest Management* 59(2): 128-134, 1 fig., 3 tabs. (published online 27 March) [host plant; Brazil]
- Assis, Franscinely Aparecida de, Jair Campos de Moraes, Luís Cláudio Paterno Silveira, Jonas Françoso, Amanda Maria Nascimento and Cristiana Silveira Antunes**  
2012. Inducers of resistance in potato and its effects on defoliators and predatory insects. *Revista colombiana de Entomología* 38(1): 30-34, 5 tabs. (June) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Assis, Gleice Aparecida de**  
2015. See Assis, F. A. de et al., 2015.
- Assis, Lucas Tito Faria de**  
2015. See Silva, A. R. M. et al., 2015.
- Assis Júnior, Sebastião Lourenço de**  
2013. See Zanuncio, J. C. et al., 2013.  
2015. See Tavares, W. de S. et al., 2015.  
2016. See Tavares, W. de S. et al., 2016.
- Asto-Jinez, Claudia, and Milagros Gutiérrez-Mendoza**  
2014. Implementación de mariposarios como atractivo turístico en el departamento de Loreto, Perú. *San Martín Emprendedor* 5(2): 3-16, 4 figs., 3 tabs. (April) [general]
- Astorga, Gustavo, Leslie Beltrán and Cinthia Berenice Domínguez**  
2015. Estudio preliminar de diversidad de lepidópteros asociados al manglar en El Conchal, Culiacán, Sinaloa. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) Número especial 1: 103-107, 1 fig., 1 tab. (July) [general; Mexico]
- Astudillo, Álvaro**  
2014. See Villagra, C. A. et al., 2014.
- Atencio, Guilherme Wagner Gutierrez**  
2015. See Mega, N. O. et al., 2015.
- Atria, Juan**  
1991. See Herrera, J. V. et al., 1991.  
1992. See Herrera, J. V. & J. Atria, 1992.  
1997. *Orden Lepidoptera (mariposas, polillas)*, pp. 94-103, 172-175, 11 figs. In: Cepeda, J. (Ed.), *Insectos de la Alta Montaña del Valle del Elqui*. La Serena, Universidad de La Serena (November) [general; Chile]
- Atsatt, Peter R.**  
1981. Lycaenid butterflies and ants: selection for enemy-free space. *American Naturalist* 118(5): 638-654, 1 fig., 2 tabs. (November) [general]
- Attal, Stéphane** [1960- ]  
1986. See Plantrou, J. & S. Attal, 1986.  
1987. *Panacea bella* D'Abrebra synonyme de *Panacea bleuzeni* Plantrou & Attal. *Bulletin de la Société Sciences Nat* 56: 27-28 (31 December) [French Guiana]  
1995. See Crosson du Cormier, A. & S. Attal, 1995.  
1999. Nouveaux Nymphalidae néotropicaux (Lepidoptera, Rhopalocera). *Bulletin de la Société entomologique de France* 104(4): 369-374, 3 figs. ([25] November) [*Epiphile iblis pyrczi*, *Heliconius hierax leveri*, *Dynamine zenobia mariana*, *Asterope degandii orientalis*, *Callicore texa boyeri*, *Perisama canoma magaly*; Colombia, Ecuador, Brazil]  
2000. Nouveaux Nymphalidae néotropicaux (Lepidoptera, Rhopalocera). *Bulletin de la Société entomologique de France* 105(2): 177-180, 1 fig. ([9] June) [*Agrias claudina patriciae*, *Callicore eunomia ferrerorum*, *C. brome angusta*; Venezuela, Costa Rica]  
2005. Nouveaux *Epiphile* (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 110(1): 63-68, 11 figs. (7 March) [*E. neildi*, *E. imperator*, *E. i. willmotti*, *E. i. duponti*; Colombia, Ecuador, Peru]  
2007a. See Bálint, Z. & S. Attal, 2007a.  
2007b. See Bálint, Z. & S. Attal, 2007b.  
2008. Une nouvelle sous-espèce de *Callicore atacama* (Lep., Nymphalidae). *Bulletin de la Société entomologique de France* 113(3): 388, 2 figs. ([4] September) [*C. a. folschveileri*; Costa Rica]  
2009a. See Séraphin, G. & S. Attal, 2009.  
2009b. See Gallard, J.-Y. & S. Attal, 2009.  
2011. *Callicore chimana* (Oberthür, 1916), révision *aurantiaca* (Oberthür, 1916) bona subspecies. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(1): 107-114, 2 figs. (after 29 July) [nomenclature, taxonomy; Colombia, Ecuador]  
2013. See Le Crom, J. F. & S. Attal, 2013.  
[2014]a. See Costa, M. et al., [2014]a.  
2014b. See Costa, M. et al., 2014b.  
2015. See Blandin, P. et al., 2015.  
2016a. Description de femelles pour des taxa du genre *Perisama* Doubleday, 1849 (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 121(1): 73-80, 12 figs., 1 tab. (22 March) [general; South America]  
2016b. See Maza, R. G. de la et al., 2016.  
2016c. See Costa, M. et al., 2016.  
2017. See Costa, M. et al., 2017.  
2018. See Costa, M. et al., 2018.  
2019a. See Costa, M. et al., 2019a.  
2019b. See Benmesbah, M. et al., 2019.  
2019c. See Costa, M. et al., 2019b.  
2019d. See Costa, M. et al., 2019c.
- Attal, Stéphane, and Ismael Aldas**  
2015. Découverte et description de la femelle d'*Epiphile latifasciata latifasciata* Röber, 1914 (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de*

- France 120(1): 25-29, 10 figs. ([17] March) [Venezuela, Colombia, Ecuador, Peru, Bolivia]
- Attal, Stéphane, and Mohamed Benmesbah**  
2014. *Callicore texa* (Hewitson, 1855) en Guyane française (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 119(4): 437-440, 6 figs. ([15 December]) [new subspecies: *C. t. barī*]
- Attal, Stéphane, and Michael Büche**  
2008. Une nouvelle sous-espèce d'*Anaeomorpha splendida* Rothschild, 1894, du Pérou central (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 113(3): 385-387, 2 figs. ([4] September) [*A. s. esmeralda*]  
2013. *Symmachia aureus* Attal, 2009 une nouvelle sous-espèce au Pérou (Lepidoptera, Riodinidae, Symmachiini). *Lambillionea* 113(1): 69-72, 6 figs. (April) [*S. a. niger*]  
2015. *Symmachia aureus* Attal, 2009 au Pérou, une troisième sous-espèce (Lepidoptera, Riodinidae, Symmachiini). *Lambillionea* 115(1): 4-6, 6 figd., 1 map (February) [*S. a. mallqui*]
- Attal, Stéphane, Michael Büche and Roger Hiltbrand**  
2016. *Asterope leprieuri* (Feisthamel, 1835): deux sous-espèces nouvelles du río Huallaga au Pérou et de la région brésilienne d'Óbidos (Pará) (Lepidoptera [sic] Nymphalidae). *Antenor* 3(1): 39-48, 17 figs. ("30 June", [11 July]) [*A. l. jenkinsi*, *A. l. fesithameli*]
- Attal, Stéphane, and Mauro Costa**  
[2010]. Revalidación de *Callicore maronensis cruenta* (Forbes, 1942) (Lepidoptera: Nymphalidae). *Entomotropica* 24(3): 97-103, 3 figs. ("December 2009", [2010]) [French Guiana, Venezuela]
- Attal, Stéphane, and Alain Crosson du Cormier**  
1996. *The genus Perisama*. *Lepidoptera Nymphalidae*. Venette, Sciences Nat. 149 pp., 12 pls., figs., maps ["Texte Français", comprising title-page and pp. F7-F149, was published [16] July; English version appeared afterwards] [new taxa: *P. moronina leslia*, *P. oppelii bleuzeni*, *P. o. cristal*, *P. xanthica argentina*, *P. ambatensis phenix*, *P. clisithera beaufouri*, *P. aldasi*, *P. patara gallardi*, *P. tryphena cauca*, *P. t. pastaza*, *P. t. pallida*, *P. t. asormani*, *P. cloelia flavidiol*, *P. antioquia*, *P. satanas*, *P. tringa cellularis*, *P. humboldtii occidentalis*, *P. h. bolivar*, *P. h. ismaeli*, *P. vitringa huallaga*, *P. nevada*; taxonomy; distribution; life history; host plant; morphology; evolution; behavior; biogeography; South America]  
1997. Papillons néotropicaux nouveaux des genres *Perisama* et *Epiphile* (Lepidoptera Nymphalidae). *Bulletin de la Société entomologique de France* 102(3): 287-291 ([28] August) [*P. lebasii selva*, *P. paraliccia bonita*, *P. canoma cyaneis*, *P. guerini nimbala*, *E. latifasciata obscurior*, *E. oreo distalis*; Ecuador]  
1998. A propos de la description de trois nouvelles sous-espèces de *Perisama* Guérin (Lepidoptera, Nymphalidae). *L'Entomologiste* 54(5): 231-234 (October) [taxonomy; Ecuador, Peru]  
2003. Catagrammini néotropicaux, nouvelles sous-espèces et cas de hybridation (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 108(5): 451-458, 12 figs. (23 December) [*Callicore eunomia alani*, *C. brome danieli*, *Epiphile oreo helios*, *E. adrasta calixto*, *E. boliviana grosi*, *Perisama bomplandii reyi*; Panama, Colombia, Ecuador, Peru]  
2010. Le genre *Perisama* Doubleday, 1849. Actualisation (Lepidoptera, Nymphalidae). *Lambillionea* 110(2)(2): 227-236 (August) [general]  
2015. *Perisama albipennis* Butler, 1873, espèce distincte de *P. bomplandii* (Guérin-Méneville, 1844) (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 120(3): 383-388, 5 figs., 1 tab. ([16] September) [Ecuador, Peru]
- Attal, Stéphane, and Jürg Carl De Marmels**  
2012. Le genre *Perisama* Doubleday, 1849, présent au Auyan-Tepui (Venezuela) avec une nouvelle espèce (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 117(1): 111-113, 5 figs. ([14] March) [*P. tepuiensis*]
- Attal, Stéphane, and Roger Hiltbrand**  
2009. *Asterope markii* Hewitson, 1857: deux nouvelles sous-espèces du Pérou et description du mâle d'*A. m. gallardi* Neukirchen, 1996 (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 114(3): 293-296, 3 figs. ([17] September) [*A. m. morphoides*, *A. m. selectus*; French Guiana]  
2018. *Callicore inferior* (Butler, 1877): premier cas de gynandromorphisme dans le genre *Callicore* Hübner, 1819. *Antenor* 5(1): 2-6, 2 + 8 figs. ("May", [15 June]) [Peru, Ecuador]
- Attal, Stéphane, Roger Hiltbrand and Gabriel Rodríguez**  
2006. Nouveaux Nymphalidae néotropicaux (Lepidoptera, Rhopalocera). *Bulletin de la Société entomologique de France* 111(1): 35-42, 8 figs. (16 March) [new subspecies: *Callicore eunomia atahualpa*, *Asterope whitelyi glennae*, *A. w. cyaneogyna*, *A. degandii caelestis*, *Epiphile neildi bakuru*; Peru, Brazil, Colombia, Ecuador]
- Auad, Alexander Machado**  
2013. See Assis, F. A. de et al., 2013.
- Aubert, Josiane, Luc Legal, Henri Descimon and François Michel**  
1999. Molecular phylogeny of swallowtail butterflies of the tribe Papilionini (Papilionidae, Lepidoptera). *Molecular Phylogenetics and Evolution* 12(2): 156-167, 4 figs., 3 tabs. (July) [general]
- Aubertin, Daphne [? -1970]**  
1946. *Order Lepidoptera (butterflies and moths)*, pp. 134-150, figs. In: Regan, C. T. (Ed.), *Natural History*. London and Melbourne, Ward, Lock & Co., Ltd. [general]
- Aubier, Thomas G., Marianne Elias, Violaine Llaurens and Nicolas Chazot**  
2017. Mutualistic mimicry enhances species diversification through spatial segregation and extension of the ecological niche space. *Evolution* 71(4): 826-844, 5 figs., 3 tabs. (April; published online 6 March) [Heliconiini, Ithomiini]
- Auboin, Stephan**  
1831. *Entomologie ou Traité des Insectes, contenant leur classification méthodique, leurs caractères, leurs moeurs, la description des familles, des genres et des principales espèces. Précédée d'une exposition générale de cette classe d'animaux; et terminée par un appendice renfermant l'histoire naturelle des Crustacés, des Mollusques, des Vers et des Zoophytes*. Paris, Masson et Yonet. [ii] + 408 pp., frontisp., 6 pls. [general]
- Audant, André [1909- ]**  
1941. Identification des insectes d'Haïti par leur nom créole. *Revue de la Société d'Histoire et de Géographie d'Haïti* 12(42): 51-55 (July) [ethnoentomology; *Calisto pulchella* Lathy]
- Auerbach, Michael J., and Donald R. Strong**  
1981. Nutritional ecology of *Heliconia* herbivores: experiments with plant fertilization and alternative hosts. *Ecological Monographs* 51(1): 63-83, 8 figs., 4 tabs. (March) [*Caligo memnon* (Felder & Felder), *Opsiphanes tamarindi* Felder & Felder; host plants; Costa Rica]
- Aureoles, Silvano**  
1999. *El desarrollo sustentable regional y la mariposa monarca*,



- pp. 255-260, 1 tab. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Aurivillius, Per Olof Christopher** [1853-1928]
1882. Recensio critica Lepidopterorum Musei Ludovicae Ulricaе quae descripsit Carolus a Linné. *Kongliga svenska Vetenskaps-Akademiens Handlingar* (Ny Följd) 19(5): 1-188, 1 pl., 4 figs. ([before November]) [general; new taxa: *Opoptera*, *Thyridia crameri*, *Pyrrhogyra crameri*]
1898. Bemerkungen zu den von J. Chr. Fabricius aus dänischen Sammlungen beschriebenen Lepidopteren. *Entomologisk Tidskrift* 18(3/4): 139-174 (19 January) [general]
1899. Ueber die Linnéischen Insektentypen in Upsala. *Insekten-Börse* 16(24): 142 (15 June) [general]
1929. Wissenschaftliche Ergebnisse der schwedischen Entomologischen Reisen des Herrn Dr. A. Roman in Amazonas 1914-1915 und 1923-1924. 13. Rhopalocera. *Entomologisk Tidskrift* 50(3/4): 153-168, 2 figs. (14 December) [general; new taxa: *Papilio ariarathes* variety *romani*, *Melinaea madeira* variety *purusana*, *Leucothyris egra* variety *divisa*, *L. romani*, *Euptychia purusana*, *E. helle* variety *olivacea*, *E. romani*, "*E.*" *aurigera* variety *triangula*, genus *Odontosama*, *Helicopsis nigrobasalis*, *Callionia irene* variety *romani*, *Nymphidium caricae* variety *tenuilineata*; Brazil, Peru]
- Aurivillius, Per Olof Christopher, Louis Beethoven Prout and Edward Meyrick**
1922. *Lepidopteren von Juan Fernandez und der Oster-Insel*, pp. 255-270, pls. 10-11. In: Skottsberg, C., *The Natural History of Juan Fernandez and Easter Island*. Uppsala. 3(2) (before 19 April) [*Pyrameis carye* (Hübner)]
- Austaut, Jules Léon** [1844-1929]
1912. Lépidoptères asiatiques [sic] nouveaux. *Internationale entomologische Zeitschrift* 6(13): 87-89, 4 figs. (29 June) [*Colias aquilo*, new species from Lappland (?), considered to be a junior subjective synonym of *C. lesbia* (Fabricius)]
- Austin, George Traut** [1943-2009]
1986. *Pyrgus communis* and *P. albescens* (Hesperiidae) in Nevada. *Journal of the Lepidopterists' Society* 40(1): 55-58, 2 figs., 1 tab. (9 October) [Mexico]
1987. Nevada populations of *Polites sabuleti* and the description of five new subspecies. *Bulletin of the Alyn Museum* 109: 1-24, 6 figs., 1 tab. (3 September) [Mexico]
- [1989]. *Apodemia palmerii* (Lycaenidae: Riodininae) : Misapplication of names, two new subspecies and a new allied species. *Journal of Research on the Lepidoptera* 26(1/4): 125-140, 3 figs. ("15 November 1988", [2 March 1989]) [*A. p. arizona*, *A. p. australis*, *A. murphyi*; Mexico]
1990. See Emmel, T. C. & G. T. Austin, 1990.
1991. A review of *Apodemia hepburni* (Lycaenidae: Riodininae) with a description of a new subspecies. *Journal of the Lepidopterists' Society* 45(2): 135-141, 9 figs., 1 tab. (24 October) [*A. h. remota*; Mexico]
- 1992a. New and additional records of Costa Rican butterflies. *Tropical Lepidoptera* 3(1): 25-33, 19 figs. ([11 June]) [general]
- 1992b. Distribution of butterflies in New Mexico (Lepidoptera: Hesperioidea and Papilionoidea), by Michael E. Toliver (edited by Richard Holland). 1977(1991). *Journal of the Lepidopterists' Society* 46(3): 241-242 (10 November) [book review; Central America]
- 1993a. See Steinhauser, S. R. & G. T. Austin, 1993.
- 1993b. A review of the *Phanus vitreus* group (Lepidoptera: Hesperioidea: Pyrginae). *Tropical Lepidoptera* 4(suppl. 2): 21-36, 34 figs., 3 tabs. ("15 July", [30 August]) [general; new species: *P. ecitonorum*, *P. confusus*, *P. albiapicalis*, *P. grandis*; Neotropics]
- 1993c. Three new taxa of *Calephelis* from Costa Rica (Lycaenidae: Riodininae). *Journal of Research on the Lepidoptera* 30(3/4): 237-244, 14 figs. (1 December) [*C. sodalis*, *C. exiguus*, *C. laverna parva*]
- 1993d. A new species of *Calephelis* from Guatemala (Lycaenidae: Riodininae). *Journal of Research on the Lepidoptera* 30(3/4): 245-247, 3 figs. (1 December) [*C. tika*]
1994. Hesperioidea of central Rondônia, Brazil: Comments on *Haemactis*, with description of a new species (Lepidoptera: Hesperioidea: Pyrginae). *Tropical Lepidoptera* 5(2): 97-100, 6 figs. ("30 November", [8 December]) [*H. albamarita*, *H. sanguinalis* (Westwood), *H. pyrrhosphanes* Lindsey; Bolivia, Peru, Ecuador, Colombia]
1995. Hesperioidea of Rondônia, Brazil: *Drephalys*, with descriptions of two new species (Lepidoptera, Hesperioidea: Pyrginae). *Tropical Lepidoptera* 6(2): 123-128, 12 figs. ([5] December) [*D. croceus*, *D. tortus*]
1996. Hesperioidea of Central Rondônia Brazil: Three new species of *Narcosius* (Pyrginae). *Journal of the Lepidopterists' Society* 50(1): 54-60, 8 figs. (26 April) [*N. steinhauseri*, *N. pseudomura*, *N. odysseus*]
- 1997a. See Johnson, K. D. et al., 1997.
- 1997b. Two new *Entheus* from Ecuador and Peru (Lepidoptera: Hesperioidea: Pyrginae). *Tropical Lepidoptera* 8(1): 18-21, 3 figs. (5 September) [*E. latebrosus*, *E. curvus*]
- 1997c. Hesperioidea of Rondônia Brazil: *Eracon* and a new related genus, with descriptions of two new species (Lepidoptera: Hesperioidea: Pyrginae). *Tropical Lepidoptera* 8(1): 22-28, 12 figs. (5 September) [*E. asymmetrica*, *Cornuphallow*, *C. alba fasciata*]
- 1997d. The Butterflies of Venezuela. Part 1: Nymphalidae I (Limenitidinae, Apaturinae, Charaxinae). A comprehensive guide to the identification of adult Nymphalidae, Papilionidae, and Pieridae. Andrew F. E. Neild. 1996. *Annals of the entomological Society of America* 90(5): 701-702 (September) [general; book review]
- 1997e. See Hall, J. P. W. & G. T. Austin, 1997.
- 1997f. Notes on Hesperioidea in northern Guatemala, with descriptions of new taxa. *Journal of the Lepidopterists' Society* 51(4): 316-332, 25 figs. (29 December) [*Vinpeius*, *Inglorius* (new genus) *mediocris*, *Niconiades incomptus*]
- 1998a. Hesperioidea of Rondônia Brazil: *Ridens* and the "proteus" group of *Urbanus*, with descriptions of new species (Pyrginae). *Journal of the Lepidopterists' Society* 52(2): 166-176, 12 figs. (21 July) [*R. bidens*, *U. villus*, *U. longicaudus*, *U. parvus*]
- 1998b. *The correct name of the Danaus gilippus (Cramer) (Lepidoptera: Nymphalidae) in the Southwestern United States*, pp. 749-750. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [Mexico, Central America]
- 1998c. *Limenitis archippus (Cramer) (Lepidoptera: Nymphalidae) in Western United States with special reference to its biogeography in the Great Basin*, pp. 751-761, 8 figs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [Mexico]
- 1999a. Hesperioidea of Rondônia, Brazil: *Anastrus* and *Tosta*, with descriptions of two new species (Lepidoptera: Hesperioidea: Pyrginae). *Tropical Lepidoptera* 9(suppl. 2): 19-25, 18 figs. ("10" [15] January) [*A. virens*, *T. capra*]
- 1999b. Hesperioidea of Rondônia, Brazil: Notes on *Talides* Hübner

- (Lepidoptera: Hesperidae: Hesperinae). *Tropical Lepidoptera* 9(suppl. 2): 26-32, 16 figs. ("10" [15] January) [1999]c. See Bálint, Z. et al., [1999].
2000. Hesperidae of Rondônia, Brazil: "*Antigonus*" genus group (Pyrginae), with taxonomic comments and descriptions of new species from Brazil and Guatemala. *Journal of the Lepidopterists' Society* 54(1): 1-28, 114 figs. (6 November) [*Mylon simplex*, *M. argonautarum*, *M. cristata*, *Carrhenes recurva*]
2002. Female North American *Everes* Hübner, [1819] and the identity of *Lycaena sissona* W. G. Wright, 1905 (Lycaenidae). *Journal of the Lepidopterists' Society* 56(4): 292-295, 24 figs. (9 December) [Mexico]
2006. See Barrios, M. V. et al., 2006.
- 2008a. Hesperidae of Rondônia, Brazil: Taxonomic comments on "night" skippers, with descriptions of new genera and species (Lepidoptera: Eudaminae). *Insecta Mundi* 29: 1-36, 130 figs. (3 March) [*Nicephellus*, *Euriphellus*, *Pseudonascus*, *Bungalotis aureus*, *Dyscophellus mielkei*; Central and South America]
- 2008b. See Mielke, O. H. H. et al., 2008.
- 2008c. Hesperidae of Rondônia, Brazil: A new genus and species of Pyrginae. *Journal of the Lepidopterists' Society* 62(1): 36-39, 3 figs. (6 May) [*Speculum speculum*]
- 2008d. See Anderson, R. A. et al., 2008.
- 2008e. Hesperidae of Rondônia, Brazil: Comments on *Propertius* Evans, with description of a new species (Lepidoptera: Hesperidae: Hesperinae). *Bulletin of the Allyn Museum* 154: 1-11, 19 figs. (9 May) [*P. dejongi*]
- 2008f. See Cech, R. B. et al., 2008.
- 2008g. See Vilorio, Á. L. et al., 2008.
- 2008h. See DeVries, P. J. et al., 2008.
- 2008i. See Warren, A. D. et al., 2008a.
- 2008j. Riodinidae of Rondônia, Brazil: *Calephelis*, with descriptions of new species. *Tropical Lepidoptera Research* 18(2): 102-112, 69 figs. (1 December) [*C. distinctus*, *C. canus*, *C. brevis*, *C. rotundum*, *C. indistinctus*]
- 2008k. Hesperidae of Rondônia, Brazil: A new genus and species of Carcharodini (Pyrginae). *Bulletin of the Allyn Museum* 158: 1-7, 8 figs. (12 December) [*Fuscocimex caecus*]
- 2009a. See DeVries, P. J. et al., 2009.
- 2009b. Nymphalidae of Rondônia, Brazil: Variation and phenology of *Agrias* (Charaxinae). *Tropical Lepidoptera Research* 19(1): 29-34, 33 figs. (1 June) [*A. claudina sardanapalus* Bates, *A. amydon ferdinandi* Fruhstorfer]
- 2009c. See Warren, A. D. & G. T. Austin, 2009.
- Austin, George Traut, James Phillip Brock and Olaf Hermann Hendrik Mielke**
1993. Ants, birds, and skippers. *Tropical Lepidoptera* 4(suppl. 2): 1-11, 11 figs., 4 tabs. ("15 July", [30 August]) [general; behavior]
- Austin, George Traut, and Philip J. DeVries**
2001. New Hesperidae (Lepidoptera) from Costa Rica. *Milwaukee Public Museum Contributions in Biology and Geology* 96: 1-8, 3 figs. (29 October) [*Cyclosemia caerulea*, *Neochlodes* (new genus) *maculosus*]
- Austin, George Traut, and John F. Emmel**
- 1998a. *New subspecies of butterflies (Lepidoptera) from Nevada and California*, pp. 501-522, 66 figs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [*Thorybes pylades indistinctus*, *Strymon columella clenchi*, *Junonia coenia grisea*; Mexico]
- 1998b. A review of *Papilio multicaudatus* Kirby (Lepidoptera: Papilionidae), pp. 691-700, 12 figs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [new subspecies: *P. m. grandiosus*; Mexico]
- Austin, George Traut, and Thomas Chadbourne Emmel**
1996. Nymphalidae of Central Rondônia, Brazil: Melitaeinae, with descriptions of two new species. *Tropical Lepidoptera* 7(2): 133-142, 22 figs. (30 December) [*Eresia fraterna*, *Castilia longala*]
- Austin, George Traut, Nick M. Haddad, Claudio Méndez, Thomas D. Sisk, Dennis D. Murphy, Alan E. Launer and Paul Ralph Ehrlich**
1996. Annotated checklist of the butterflies of the Tikal National Park area of Guatemala. *Tropical Lepidoptera* 7(1)(1): 21-37, 20 figs., 3 tabs. (25 June) [general]
- Austin, George Traut, and Artur Jasinski**
1999. Nymphalidae of Rondônia, Brazil: A new species of *Adelpha* from the Amazon basin (Lepidoptera: Limenitidinae). *Annales zoologici* 49(1/2): 113-116, 6 figs. (30 June) [*A. amazona*; Peru]
- Austin, George Traut, and Kurt Duane Johnson**
1995. Theclinae of Rondônia, Brazil: *Arcas*, with descriptions of three new species (Lepidoptera: Lycaenidae). *Tropical Lepidoptera* 6(1)(1): 31-39, 31 figs. (25 May) [*A. magnifica*, *A. viriditas*, *A. marginata*]
1996. Theclinae of Rondônia, Brazil: *Iaspis* Kaye, taxonomic comments and descriptions of new species (Lepidoptera: Lycaenidae). *Tropical Lepidoptera* 7(1)(1): 45-59, 28 figs. (25 June) [*I. rufa*, *I. grandis*, *I. rubicunda*, *I. flava*, *I. purpurata*, *I. ornata*, *I. minuta*, *I. ambiguanota*, *I. fumosa*, *I. sinenota*]
- [1998]a. Theclinae of Rondônia, Brazil: *Strymon* Hübner, with descriptions of new species (Lepidoptera: Lycaenidae). *Insecta Mundi* 11(3/4): 201-235, 67 figs. ("September-December 1997", [early 1998]) [*S. spinatus*, *S. latamaculus*, *S. pallidulus*, *S. tholus*, *S. rotundum*, *S. germana*, *S. novasignum*, *S. clavus*, *S. implexus*, *S. inmirum*, *S. incanus*, *S. halos*, *S. conspergus*, *S. diagonalis*]
- [1998]b. Theclinae of Rondônia, Brazil: *Gigantorubra* and *Angulopsis*, with descriptions of new species (Lepidoptera: Lycaenidae). *Insecta Mundi* 11(3/4): 255-272, 34 figs. ("September-December 1997", [early 1998]) [*G. microserrata*, *G. divergens*, *G. quadramacula*, *G. ampla*, *G. fuscofascia*, *G. silva*, *G. rondonia*, *G. obscura*, *G. perplexa*, *G. purpura*, *A. tenuis*]
- 1998c. Theclinae of Rondônia, Brazil: *Olynthus*, with descriptions of new species (Lepidoptera: Lycaenidae). *Tropical Lepidoptera* 9(1): 5-13, 20 figs. ("20" [24] August) [new species: *O. occultus*, *O. ruberangulus*, *O. pressus*, *O. lividus*, *O. fulvoventris*, *O. ochraventris*, *O. pallus*, *O. purpuratus*, *O. negrus*, *O. albosignum*]
- Austin, George Traut, Claudio Méndez and Alan E. Launer**
1999. A preliminary checklist of Guatemalan butterflies: Hesperidae (Lepidoptera: Hesperioidea). *Tropical Lepidoptera* 9(suppl. 2): 8-18, 1 tab. ("10" [15] January) [general]
- Austin, George Traut, and Olaf Hermann Hendrik Mielke**
1993. Two new nymphalid species from western Brazil (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 4(2): 123-126, 6 figs. ("30 November", [27 December]) [*Castilia schmitzorum*, *Adelpha incomposita*, *Dagon*, *Phyciodes*; Guyana]
1998. Hesperidae of Rondônia, Brazil: *Aguna* Williams (Pyrginae), with a partial revision and descriptions of new species from Panama, Ecuador, and Brazil. *Revista brasileira de Zoologia* 14(4): 889-965, 83 figs., 1 tab. (30 June) [*A. latifascia*, *A. coeloides*, *A. nicolayi*, *A. latimacula*, *A. penicillata*, *A. spicata*, *A. longicauda*, *A. panama*, *A. spatulata*, *A. similis*, *A. mesodentata*, *A. squamalba*, *A. parva*]

2000. Hesperiidae of Rondônia, Brazil: *Cephise* Evans (Pyrginae), with descriptions of new species from Mexico and Brazil. *Revista brasileira de Zoologia* 17(3): 757-788, 55 figs. (30 September) [*C. impunctus*, *C. malesedis*, *C. maculatus*, *C. burnsi*, *C. mexicanus*]
2007. Hesperiidae of Rondônia, Brazil: *Carystus*, with descriptions of two new species (Hesperiidae: Hesperinae). *Bulletin of the Allyn Museum* 148: 1-13, 27 figs. (20 November) [*C. cacaulandia*, *C. rufoventris*]
2008. Hesperiidae of Rondônia, Brazil: *Porphyrogenes* Watson (Lepidoptera: Pyrginae: Eudamini), with descriptions of new species from Central and South America. *Insecta Mundi* 44: 1-56, 165 figs. (26 September) [taxonomy; new species: *P. convexus*, *P. splendidus*, *P. simulator*, *P. spadix*, *P. sparus*, *P. specularis*, *P. spina*, *P. sporta*, *P. speciosus*]
- Austin, George Traut, Olaf Hermann Hendrik Mielke and Stephen Rogers Steinhauser**
1997. Hesperiidae of Rondônia, Brazil: *Entheus* Hübner, with descriptions of new species (Lepidoptera: Hesperiidae: Pyrginae). *Tropical Lepidoptera* 8(1): 5-18, 18 figs. (5 September) [*E. eunyas*, *E. aureanota*, *E. bombus*, *E. aureolus*]
- Austin, George Traut, Lee Denmark Miller and Jacqueline Yvonne Miller**
- 2007a. Taxonomic comments on *Pseudolycaena* Wallengren (Lepidoptera: Lycaenidae: Theclinae: Eumaeini). *Bulletin of the Allyn Museum* 149: 1-22, 49 figs., 1 tab. (20 November) [distribution; host plants]
- Austin, George Traut, and Douglas Mullins**
1984. A new *Limenitis weidemeyerii* W. H. Edwards from southeastern Arizona (Nymphalidae). *Journal of Research on the Lepidoptera* 22(4): 225-228, 1 fig. (15 March) [Mexico]
- Austin, George Traut, and Paul Alexander Opler**
1989. The butterflies of Costa Rica. *Evolution* 43(3): 705-706 (11 May) [book review]
- Austin, George Traut, and Thomas J. Riley**
1995. Portable bait traps for the study of butterflies. *Tropical Lepidoptera* 6(1)(1): 5-9, 9 figs. (25 May) [general; technique]
- Austin, George Traut, and Michael John Smith**
- 1998a. Revision of the *Thessalia leanira* complex (Lepidoptera: Nymphalidae: Melitaeinae): *Thessalia leanira* (*C.* & *R. Felder*), with descriptions of four new subspecies, pp. 333-358, 67 figs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [*T. l. austrima*; Mexico]
- 1998b. Revision of the *Thessalia theona* complex (Lepidoptera: Nymphalidae: Melitaeinae), pp. 359-396, 223 figs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [new subspecies: *T. t. costaricensis*, *T. t. brocki*, *T. t. mullinsi*, *T. t. minimus*; Central America, Colombia, Venezuela]
- Austin, George Traut, and Stephen Rogers Steinhauser**
1996. Hesperiidae of central Rondônia, Brazil: *Celaenorhinus* Hübner (Lepidoptera: Pyrginae), with descriptions of three new species and taxonomic comments. *Insecta Mundi* 10(1/4): 25-44, 58 figs. (December) [*C. orneates*, *C. par*, *C. autochton*]
- Austin, George Traut, and Andrew David Warren**
2001. Taxonomic notes on some Neotropical skippers (Lepidoptera: Hesperiidae): *Pyrgus*, *Heliopyrgus*, and *Heliopetes* (Pyrginae). *Dugesiana* 8(1): 1-13, 27 figs.
2002. Taxonomic notes on some Neotropical skippers (Lepidoptera: Hesperiidae): Pyrrhopyginae and Pyrginae. *Dugesiana* 9(2): 15-49, 136 figs. (28 December) [new subspecies: *Anastrus virens albopannus*]
2007. The type of *Copaeodes chromis* Skinner, 1919 (Lepidoptera: Hesperiidae: Hesperinae). *Insecta Mundi* 19: 1-2, 3 figs. (2 November) [Mexico]
2008. An aberrant *Urbanus teleus* (Hübner, 1821) (Hesperiidae: Eudaminae). *News of the Lepidopterists' Society* 50(2): 40-41, 4 figs. (30 September) [Brazil]
2009. New looks at and for *Onespa*, *Buzyges*, and *Librita* (Lepidoptera: Hesperiidae: Hesperinae), with new combinations and descriptions of a new genus and six new species. *Insecta Mundi* 89: 1-55, 95 figs. (24 July) [*O. brockorum*, *O. nakamura*, *B. mellanaformis*, *Neposa hestia*, *N. armandoi*, *N. isabellae*; Mexico, Central America]
- Austin, George Traut, Andrew David Warren and Olaf Hermann Hendrik Mielke**
2008. Variation in *Copaeodes minima* and the status of *Copaeodes rayata* (Lepidoptera: Hesperiidae: Hesperinae). *Florida Entomologist* 91(4): 636-642, 4 figs. (December) [Mexico, Central America]
- Austin, George Traut, Andrew David Warren, Carla Maria Penz, Jorge Enrique Llorente, Moisés Armando Luis and Isabel Vargas**
- 2007b. A new species of *Opsiphanes* Doubleday, [1849] from Western Mexico (Nymphalidae: Morphinae: Brassolini). *Bulletin of the Allyn Museum* 150: 1-20, 23 figs., 1 tab. (20 November) [*O. blythekitzmilleriae*; larva, pupa, imago; host plant; distribution]
- Autuori, Mario Paulo** [1906-1982]
- 1932a. See Fonseca, J. P. & M. P. Autuori, 1932a.
- 1932b. See Fonseca, J. P. & M. P. Autuori, 1932b.
1933. See Fonseca, J. P. & M. P. Autuori, 1933
- Avaca, Sergio**
1960. Viaje de La Coquille y Expedición Antártica Belga. *Publicaciones del Centro de Estudios entomológicos. Facultad de Filosofía y Educación. Universidad de Chile* (Santiago) 2: 227-236. [general; Chile]
- Ávalos, Delia Susana**
1988. Tachininae (Diptera, Tachinidae) de la colección E. E. Blanchard: tribus Dejeanini y Cuphocerini. *Revista peruana de Entomología* 30: 51-53 (16 September) [*Colias lesbia* (Fabricius); parasitoid; Argentina]
1989. Moscas Tachinidae de la Provincia de Córdoba (Argentina). *Revista peruana de Entomología* 31: 48-50 (30 June) [*Colias lesbia* (Fabricius); parasitoid]
1993. Tachininae (Diptera, Tachinidae) de la colección E. E. Blanchard. II: Tribus Juriniini, Macromyini, Tachinini y Voriini. *Revista peruana de Entomología* 34: 43-44 ("January", 20 August) [Brassolini, *Colias lesbia* (Fabricius); parasitoids; Argentina, Uruguay]
1997. See Molinari, A. M. & D. S. Ávalos, 1997.
2006. See Serra, G. V. et al., 2006.
2011. See Defagó, M. T. et al., 2011.
- 2013a. See Serra, G. V. et al., 2013.
- 2013b. See Fichetti, P. del C. et al., 2013.
- Ávalos, Delia Susana, and Silvia Estela Cressibene**
1993. Tachinidae (Diptera) registrados en el Centro de Investigaciones Entomológicas de Córdoba, Argentina. *Revista peruana de Entomología* 34: 45-48 ("January", 20 August) [*Colias lesbia* (Fabricius); parasitoids]
- Ávalos, Delia Susana, Vilma Mazzuferi, Carolina Berta, Norma C. La Porta, and Gerardo V. Serra**
2011. Estructura del complejo parasítico de larvas de *Colias lesbia* (Lepidoptera: Pieridae) en alfalfares de Córdoba, Argentina. *Revista chilena de Entomología* 36: 15-24, 1 fig., 3 tabs. (May) [host plant]
- Ávalos, Gilberto**
2005. See Bar, M. E. et al., 2005.

- 2008a. See Bar, M. E. et al., 2008a.  
2008b. See Bar, M. E. et al., 2008b.
- Ávalos, Omar**  
2016. See Luis, M. A. et al., 2016.  
2018a. See Trujano, M. et al., 2018.  
2018b. See Le Crom, J. F. et al., 2018.
- Avé-Lallemant, Hermann** [1835-1910]  
1876. Paso de mariposas. *Periódico zoológico* (Córdoba) 2(3): 260. [*Pieris* sp.; migration; Argentina]
- Avendaño, Sergio**  
2015. See MacGregor, I. et al., 2015.
- Avigliano, Esteban**  
2012. Investigando en la selva. Relevamiento [de] lepidópteros del sistema Ramos-Acaraguá, cuenca del Uruguay, Misiones, Argentina. *Biodiversidad* (Buenos Aires) 2: 4-20, figs. (February) [general]
- Avigliano, Esteban, and Nahuel Francisco Schenone**  
2015. Nymphalidae, Papilionidae and Pieridae (Insecta: Lepidoptera: Rhopalocera) from the Acaraguá River basin, Misiones, Argentina. *Entomotropica* 30(9): 84-91, 2 figs., 2 tabs. (published online 25 June) [general]
- Ávila, Arturo**  
2007. See Rodríguez, R. et al., 2007.
- Ávila, Jorge Luis**  
2006. See Alonso, M. E. et al., 2006.
- Ávila, Liz Alejandra**  
2013. See Triviño, P. M. et al., 2013.
- Ávila, Liz Alejandra, and Paola Marcela Triviño**  
2019. Descripción del hábitat de cuatro especies del género *Lymanopoda* (Lepidoptera: Nymphalidae: Satyrinae) en áreas de páramo de Colombia. *Acta biológica colombiana* 24(1): 125-138, 4 figs., 1 tab. (April) [*L. schmidti* Adams, *L. viventieni* (Apolinar), *L. mirabilis* (Staudinger), *L. zebra* Pycrz & Rodríguez]
- Ávila, Pamela**  
2006. See Molina-Montenegro, M. A. et al., 2006.
- Avila, Rubem Samuel de, Jr., and Leandro Freitas**  
2011. Frequency of visits and efficiency of pollination by diurnal and nocturnal lepidopterans for the dioecious tress *Randia itatiaiae* (Rubiaceae). *Australian Journal of Botany* 59(2): 176-184, 5 figs., 2 tabs. (28 March) [Hesperiidae; Brazil]
- Ávila, Verónica**  
2012. See Gaytán, B. et al., 2012.
- Ávila-Pires, Teresa Cristina**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Avilán, Luis**  
1982. See Leal, F. J. & L. Avilán, 1982.
- Avilés, Rubén, Eleuterio Sotomayor, Guillermo Guibert, Michely Vega and Yolanda Martínez**  
2005. Detección y control de insectos en soya de Primavera-Verano. *Agrotecnia de Cuba* 29: 636-645, 5 tabs. (December) [*Goniurus proteus* (Linnaeus); Cuba]
- Avinoff, Andrey Nicolaevitsch** [1884-1949]  
1920. Récit de M. André Avinoff. *Etudes de Lépidoptérologie comparée* 17: 75-84 (November) [*Colias imperialis* Butler, *C. minuscula* Butler]  
1926. Descriptions of some new species and varieties of Rhopalocera in the Carnegie Museum. *Annals of the Carnegie Museum* 16(3/4): 355-374, pls. 30-33 (10 April) [general; *Papilio stewarti*, *Catasticta hollandi*, *C. nivalis*, *C. flisa dilutior*, *C. angulifera*, *C. lactea*, *Catopsilia statira schausi*, *Dismorphia spectabilis*, *D. lysandra*, *D. leuconoe melanina*, *D. pinthaeus* [sic] *gracilis*, *D. spio* aberration *virago*, *D. astynome chloronome*, *Terias tenera*, *T. arbela gracilis*, *Sais klagesi*, *Heliconius doris alberato*, *H. d. azurea*, *H. insolitus*, *Junonia coenia bergi*; Neotropics]
1940. Jamaican summer. *Carnegie Magazine* 14: 175-182, 5 figs. [general]  
1944. Affinities of *Phoebis rorata comstocki*, a new pierid butterfly from Jamaica. *Annals of the Carnegie Museum* 30(4): 45-56, pls. 1-3, 2 figs. (11 May) [general; Neotropics]
- Avinoff, Andrey Nicolaevitsch, and Nicholas Shoumatoff**  
1941. Some new and undescribed Jamaican butterflies. *Annals of the Carnegie Museum* 28(15): 309-322, pl. 36, 1 fig. (22May) [general; *Nathalis iole* aberration *albida*, *Anaea johnsoni*, *Telegonus roysii*]  
1946. An annotated list of the butterflies of Jamaica. *Annals of the Carnegie Museum* 30(16): 263-295, pl. 1 (13 December) [general; *Lerodea tripuncta* new aberration *sinepunctis*]
- Axmacher, Jan C.**  
2011. See Laurance, W. F. et al., 2011.
- Ayazo, Roger**  
2018. See Murillo, L. et al., 2018.
- Aymone, Ana Carolina Bahi, Nivia Lothhammer, Vera Lúcia da Silva Valente and Aldo Mellender de Araújo**  
2014. Embryogenesis of *Heliconius erato* (Lepidoptera, Nymphalidae): A contribution to the anatomical development of an evo-devo model organism. *Development, Growth & Differentiation* 56(6): 448-459, 7 figs. (August; published online 11 August) [host plants; Brazil]
- Aymone, Ana Carolina Bahi, Vera Lúcia da Silva Valente and Aldo Mellender de Araújo**  
2013. Ultrastructure and morphogenesis of the wing scales in *Heliconius erato phyllis* (Lepidoptera: Nymphalidae): What silvery/brownish surfaces can tell us about the development of color patterning? *Arthropod Structure & Development* 42(5): 349-359, 7 figs., 1 tab. (September) [Brazil]
- Ayquipa, Gaspar E., and Manuel A. Cueva**  
1980. Nombres científicos y comunes de los insectos que atacan a la caña de azúcar en el Perú. *Revista peruana de Entomología* 22(1): 95-97 ("December 1979", 11 August 1980) [Hesperiidae]
- Ayres, Geoff**  
1995. Banana butterfly. *Bulletin of the amateur Entomologists' Society* 54(401): 161 (20 August) [*Hamadryas gatemalena* (Bates); Central America]
- Ayres, Matthew P.**  
1992. See Lederhouse, R. C. et al., 1992.
- Ayvar, Juan C.**  
2011. See Anteparra, M. E. et al., 2011.
- Azambuja, Maria Denise de, and Luiza Redaelli Mielitz**  
1981. Comportamento de cinco inseticidas no controle da "broca do abacaxi" - *Thecla basalides* [sic] Geyer, 1837 - Lepidoptera-Lycaenidae. *Agronomia sulriograndense* 17(2): 341-346, 1 tab. [life history; Brazil]
- Azara, Félix de** [1746-1821]  
1847. *Descripción é Historia del Paraguay del Río de La Plata*. Madrid, Sanchiz. 1: iv + 347 pp., frontisp., tabs. [general]
- Azcárate, Joaquín G.**  
2003. See Ramírez, M. I. et al., 2003.
- Aze, Tracy**  
2012. See Etienne, R. S. et al., 2012.
- Azeredo-Espin, Ana Maria Lima de**  
2008a. See Silva-Brandão, K. L. et al., 2008a.  
2008b. See Silva-Brandão, K. L. et al., 2008b.  
2015a. See Freitas, A. V. L. et al., 2015b.  
2015b. See Barbosa, E. de P. et al., 2015.
- Azevedo, Antônio de**

1923. Insectos nocivos às principais culturas do Estado da Bahia. *Correio agrícola* (Salvador) 1(6/7): 151-155 (June-July) [*Papilio idaeus* Fabricius; host plant; Brazil]

**Azevedo, Celso Oliveira, Fernando Zagury Vaz-de-Mello, Marcelo Teixeira Tavares, Antonio Domingos Brescovit, Paulo de Marco, Jr., Karina Schmidt Furieri, Keith Spalding Brown, Jr. and André Victor Lucci Freitas**

2008. *Os invertebrados terrestres ameaçados de extinção no Estado do Espírito Santo*, pp. 105-119, figs., 2 tabs. In: Passamani, M. & S. L. Mendes (Eds.), *Espécies da fauna ameaçadas de extinção no Estado do Espírito Santo*. Vitória, Instituto de Pesquisas da Mata Atlântica. ("2007"; 2008) [general; Brazil]

**Azevedo, Gisele Garcia**

2017a. See Martins, L. P. et al., 2017a.

2017b. See Martins, L. P. et al., 2017b.

**Azor, Laura, and Alejandro Barro**

2011. Composición y estructura de las comunidades de mariposas (orden Lepidoptera) en La Habana y su relación con el grado de urbanización. *Carta Cuba* 3(3): 10, figs. (December) [general]

2014. Modelación de la distribución potencial de mariposas endémicas cubanas (Lepidoptera: Papilionoidea). *Revista cubana de Ciencias biológicas* 3(3): 18-30, 6 figs., 1 tab. (December) [general]

**Azzará, Marlene Lauterjung**

[1979]. Revisão do gênero *Barbicornis* Godart, 1824 (Lepidoptera, Lycaenidae, Riodininae). *Acta biológica paranaense* 7(1/4): 23-67, 68 figs., 1 tab. ("1978", [1979]) [new subspecies: *B. basilis paraopeba*, *B. b. bahiana*; South America]

# B

## Baars, Jan-Robert, and M. P. Hill

2010. The phytophagous organisms associated with *Lantana* L. species in Jamaica and their potential use as biological control candidates of weedy varieties of *Lantana camara* L. (Verbenaceae) in South Africa. *Entomotropica* 25(3): 99-108, 2 figs., 2 tabs. (December) [*Strymon bazochii* (Godart); host plant]

## Baba, Kotaro

2006. See Yasukochi, Y. et al., 2006.

## Baca, Benedicto

1983. See Yábar, E. & B. Baca, 1983.

## Bacallado, Juan José

1992. Costa Rica: Pura vida. *Makaronesia* 1: 18-39, figs. (December) [general]
2007. El Parque Nacional Torres del Paine. Emblema de la Patagonia. *Makaronesia* 9: 20-47, figs. (December) [*Yramea cytheris* (Drury); Chile]

## Bacallado, Juan José, José Espinosa, Jesús Ortea, Lázaro Márquez, Leopoldo Moro, Osmani Borrego and Manuel Caballer

2009. La Península de Guanahacabibes y su Parque Nacional (Cuba): Biodiversidad marina y terrestre. *Makaronesia* 11: 20-49, figs. (November) [general]

## Baccaro, Fabricio

2019. See Negreiros, A. A. et al., 2019.

## Bacci, Leandro

2002. See Crespo, A. L. B. et al., 2002.

## Bachstsz, Marcel [1888- ], and Altagracia Aragón

1942. Notes on Mexican drugs. II. Characteristics and composition of the fatty oil from "Gusanos de Maguey" (caterpillars of *Acentrocne me hesperiaris*). *Journal of the American Pharmaceutical Association* 31(5): 145-146, 1 fig., 2 tabs. (May) [biochemistry; Mexico]

## Bacigalupo, Javier

2019. See McClure, M. et al., 2019a.

## Back, Werner, Michael A. Miller and Paul Alexander Opler

2011. Genetic, phenetic, and distributional relationships of Nearctic *Euchloe* (Pieridae, Pierinae, Anthocharidini). *Journal of the Lepidopterists' Society* 65(1): 1-14, 5 figs., 5 tabs. (20 April) [general; Mexico]

## Bacon, Peter Robin [1938-2003]

1965. Notes on insects and marine life at Grand Fond Bay, Monos. *Journal of the Trinidad Field Naturalists' Club* 1965: 25-27. [general]

## Bacon, Peter Robin, J. S. Kenny, Mary E. Alkins, S. N. Mootoosingh, Eugene K. Ramcharan and G. S. B. Seeberan

1979. Studies on the biological resources of Nariva Swamp, Trinidad. *Occasional Papers of the Zoology Department, University of the West Indies* (St. Augustine) 4: [4] + xxv + 455 pp., frontisp., 34 pls., 39 figs., 31 tabs. (September) [general]

## Bacquet, Caroline N.

2019. See Montejo-Kovacevich, G. et al., 2019.

## Badano, Ernesto I.

2016. See Barranco-León, M. de las N. et al., 2016.

## Badenes, Francisco R.

2010. See Hanson, P. E. et al., 2010.

## Badenes, Francisco R., Manuel A. Alfaro, Alexander Castillo and M. Tracy Johnson

2008. *Biological control of Miconia calvenscens with a suite of*

*insect herbivores from Costa Rica and Brazil*, pp. 129-132, 1 tab. In: Julien, M. H., R. Sforza, M. C. Bon, H. C. Evans, P. E. Hatcher, H. L. Hinz & B. G. Rector (Eds.), *Proceedings of the XII International Symposium on Biological Control of Weeds*. Wallingford, CAB International. [general; host plant]

## Badenes, Francisco R., Manuel A. Alfaro and M. Tracy Johnson

2010. Diversity, ecology and herbivory of haistreak butterflies (Theclinae) associated with the velvet tree, *Miconia calvenscens* in Costa Rica. *Journal of Insect Science* 10(209): 1-9, 1 fig. (23 December) [*Erora opisena* (Druce), *Parrhasius polibetes* (Stoll), *Temecla paron* (Godman & Salvin)]; life histories, host plant; parasitoids]

## Bächtold, Alexandra

2013. See Alves-Silva, E. et al., 2013.
2017. See Alves-Silva, E. et al., 2017.
2018. See Alves-Silva, E. et al., 2018.

## Bächtold, Alexandra, and Estevão Alves-Silva

2013. Behavioral strategy of a lycaenid (Lepidoptera) caterpillar against aggressive ants in a Brazilian savanna. *Acta ethologica* 16(2): 83-90, 3 figs. (June; published online 7 December 2012) [*Michaelis ira* (Hewitson)]

## Bächtold, Alexandra, Estevão Alves-Silva and Kleber Del-Claro

2013. Lycaenidae larvae feeding on *Peixotoa parviflora* (Malpighiaceae) in a semi-deciduous forest in southeastern Brazil. *Journal of the Lepidopterists' Society* 67(1): 65-66 (11 March) [general; host plants]
2016. Ants, plant characteristics and habitat conservation status affect the occurrence of myrmecophilous butterflies on an extrafloral nectaried Malpighiaceae. *Studies on Neotropical Fauna and Environment* 51(2): 112-120, 3 figs., 2 tabs. (August; published online 19 June) [general; Lycaenidae, Riodinidae; host plant; Brazil]
- 2017b. Ant-related oviposition is not associated to low parasitism of the myrmecophilous butterfly *Allosmaitia strophius* in an extrafloral nectaried shrub. *Acta oecologica* 83: 15-21, 2 figs., 2 tabs. (August; published online 22 June) [host plant; Brazil]

## Bächtold, Alexandra, Estevão Alves-Silva, Lucas Augusto Kaminski and Kleber Del-Claro

- 2014b. The role of tending ants in host plant selection and egg parasitism of two facultative myrmecophilous butterflies. *Naturwissenschaften* 101(11): 913-919, 3 figs., 1 tab. (November; published online 9 September) [*Allosmaitia strophius* (Godart), *Rekoa marius* (Lucas); Brazil]

## Bächtold, Alexandra, and Kleber Del-Claro

2018. Ant-partners play a minor role on occurrence of the myrmecophilous butterfly *Leptotes cassius* in its host plant. *Arthropod-Plant Interactions* 12(3): 377-384, 1 fig., 3 tabs. (June; published online 20 November 2017) [Brazil]

## Bächtold, Alexandra, Kleber Del-Claro, Lucas Augusto Kaminski, André Victor Lucci Freitas and Paulo Sérgio Oliveira

2012. Natural history of an ant-plant-butterfly interaction in a Neotropical savanna. *Journal of Natural History* 46(15/16): 943-954, 4 figs., 1 tab. (April; published online 28 February) [*Udranomia spitzii* (Hayward)]; egg, larva, pupa, imago; host plant; ecology, behavior, parasitoids; Brazil]

## Bächtold, Alexandra, Lucas Augusto Kaminski, Luiza de

- Moraes Magaldi, Paulo Sérgio Oliveira, Kleber Del-Claro, Daniel Hunt Janzen, John McLauren Burns, Nick V. Grishin, Mehrdad Hajibabaei, Winifred D. Hallwachs and André Victor Lucci Freitas**  
2017a. Integrative data helps the assessment of a butterfly within the *Udranomia kikkawai* species complex (Lepidoptera: Hesperiiidae): Immature stages, natural history and molecular evidence. *Zoologischer Anzeiger* 266: 169-176, 3 figs., 3 tabs. (January; published online 1 December 2016) [host plant; behavior; Brazil, Costa Rica]
- Bächtold, Alexandra, Denise Lange and Kleber Del-Claro**  
2014a. Influence, or the lack thereof, of host phenology, architecture and climate on the occurrence of *Udranomia spitzii* (Hesperiiidae: Lepidoptera). *Entomological Science* 17(1): 66-74, 3 figs., 3 tabs. (January; published online 12 June 2013) [host plants; Brazil]
- Baer, Gustave-Adolphe** [1839-1918]  
1903. Les insectes nuisibles de la République Argentine. *Bulletin de la Société entomologique de France* 1903(12): 204-207 (11 July) [*Papilio thoas* Linnaeus]
- Baer, Max**  
1898. Über Bau und Farben der Flügelschuppen bei Tagfaltern. *Zeitschrift für wissenschaftliche Zoologie* 65(1): 50-64 (15 November) [general]
- Báez, Ignacio**  
1995. Equipo para coleccionar y montar mariposas diurnas. *Dugesiana* 2(2): 5-10, 3 figs. (December)
- Bagnall, Darren M.**  
2012. See Boden, S. A. et al., 2012.
- Bagni, Ângelo Schifini**  
2010. See Silva, A. R. M. et al., 2010.
- Bagno, Marcelo A.**  
2003. See Pinheiro, C. E. G. et al., 2003.
- Baguette, Michel**  
2011. See Legrand, D. et al., 2011.
- Bai, G. Meera**  
1984. See Reddi, C. S. & G. M. Bai, 1984.
- Baiker, Jan, and Juan Grados**  
2011. *Lista preliminar de las especies de artrópodos del área de estudio*, pp. 900-929, tab. 10. In: Baiker, J., *Guía ecoturística. Mancomunidad Saywite-Choquequirao-Ampay (Aurimac, Perú). Con especial referencia a la identificación de fauna, flora, hongos y líquenes en el departamento de Aurimac y sitios adyacentes en el departamento de Cusco*. Lima, Intercooperation, Programa Regional ECOBONA (June) [general]
- Bailey, Audette J. A.**  
1992a. See Emmel, T. C. et al., 1992.  
1992b. See Garraway, E. & A. J. A. Bailey, 1992.  
1993a. See Garraway, E. et al., 1993.  
1993b. See Garraway, E. et al., 1993.  
1993c. See Garraway, E. & A. J. A. Bailey, 1993.  
1994. The Blue Swallowtail and other butterflies in Rozelle. *Jamaica Naturalist* 4: 7-9, 10 figs. (December) [general; host plants; behavior; Jamaica]  
2005. See Garraway, E. & A. J. A. Bailey, 2005.  
2008a. See Garraway, E. et al., 2008a.  
2008b. See Garraway, E. et al., 2008b.
- Bailey, James Spencer** [1830-1883]  
1880. Description of a new species of *Pleusioneura* from Central America. *Bulletin of the Brooklyn entomological Society* 3(7): 62-63 (November) [*P. fritzgartneri*; El Salvador]
- Bailey, John Wendell** [1895-1967]  
1947. Report on the status of the entomological collections in certain European museums, 1945. *Annals of the entomological Society of America* 40(2): 203-212 (20 August)
- [general]
- Bailey, Kim**  
2015. See Young-Isebrand, E. et al., 2015.
- Bailowitz, Richard Allen** [1946- ]  
[1989]. Systematics of *Ascia* (*Ganyra*) (Pieridae) populations in the Sonoran Desert. *Journal of Research on the Lepidoptera* 26(1/4): 73-81, 7 figs. ("15 November 1988", [2 March 1989]) [host plants; Mexico]
- Bailowitz, Richard Allen, and James Phillip Brock**  
1991. *Butterflies of southeastern Arizona*. Tucson, Sonoran Arthropod Studies, Inc. ix + 342 pp., 4 pls., figs. [general; Mexico, Costa Rica]
- Bailowitz, Richard Allen, James Phillip Brock and Douglas Wayne Danforth**  
2017. Annotated checklist of the butterflies (Lepidoptera) of Sonora, Mexico. *Dugesiana* 24(2): 125-147, 5 figs. (1 July) [general]
- Bailowitz, Richard A., and John Palting**  
2010. *Biodiversidad de los insectos con especial énfasis en Lepidoptera y Odonata*, pp. 315-337, pls. 13-16, 1 tab. In: Molina, F. E. & T. R. Van Devender (Eds.), *Diversidad biológica de Sonora*. Mexico, Universidad Nacional Autónoma de México (February) [general; Mexico]
- Bainbridge, Hannah E.**  
2018. See Brien, M. N. et al., 2018.
- Baine, Quinlyn, Gabriela Polo, Shinichi Nakahara and Geoffrey Gallice**  
2019. Immature stages and new host record of *Taygetis rufomarginata* Staudinger, 1888 (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera Research* 29(2): 79-86, 6 figs., 1 tab. (published online: 28 October) [egg, larva, pupa, imago; host plant; Peru]
- Baione, Thomas**  
2015. See Peale, T. R. et al., 2015.
- Baird, William** [1803-1872]  
1877. See Richardson, J. et al., 1877.
- Baixeras, Joaquin**  
2009a. See Roe, A. D. et al., 2009.  
2009b. See Regier, J. C. et al., 2009.  
2011. See Nieuwerkerken, E. J. van et al., 2011.  
2013. See Regier, J. C. et al., 2013.
- Bak, Søren**  
2018a. See Castro, E. C. P. de et al., 2018.  
2018b. See Zagrobelny, M. et al., 2018.  
2018c. See Zagrobelny, M. et al., 2018.  
2019. See Castro, E. C. P. de et al., 2019.
- Baker, Dean A.**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Baker, G. T. B.** [see Bethune-Baker]
- Baker, Herbert George** [1920-2001]  
1975. See Opler, P. A. et al., 1975.  
1983. See Kevan, P. G. & H. G. Baker, 1983.  
1988. See Koptur, S. et al., 1988.
- Baker, Herbert George, and Irene Baker**  
1983. *A brief historical review of the chemistry of floral nectar*, pp. 126-152, 5 tabs. In: Bentley, B. & T. Elias (Eds.), *The Biology of Nectaries*. New York, Columbia University Press. [general]
- Baker, Herbert George, Kamaljit Singh Bawa, Gordon W. Frankie and Paul Alexander Opler**  
1983. *Reproductive biology of plants in tropical forests*, pp. 183-215, 1 tab. In: Golley, F. B. (Ed.), *Ecosystems of the World 14A. Tropical rain forest ecosystems. Structure and function*. Amsterdam, Elsevier Scientific Publishing Company. [general; pollination]
- Baker, Irene**

1983. See Baker, H. G. & I. Baker, 1983.
1989. See DeVries, P. J. & I. Baker, 1989.
1990. See Erhardt, A. & I. Baker, 1990.
- Baker, P. S., A. Khan, A. I. Mohyuddin and Jeffrey King Waage**
1993. Overview of biological control of Lepidoptera in the Caribbean. *Florida Entomologist* 75(4): 477-483, 2 tabs. (15 January) [*Calpododes ethlius* (Cramer); parasitoid]
- Baker, Reginald Robin** [1944- ]
1978. *The evolutionary ecology of animal migration*. New York, Holmes & Meier Publishers, Inc. [xii] + 1012 pp., figs., tabs. [general]
1982. *Migration: paths through time and space*. London, Hodder and Stoughton Educational Limited. viii + 248 pp., figs. [*Danaus plexippus* (Linnaeus) ; Mexico]
1983. Insect territoriality. *Annual Review of Entomology* 28: 65-89. [Heliconiinae]
1984. *The Dilemma: When and how to go or stay*, pp. 279-296, 9 figs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general; migration]
- Baker, Richard A.**
2014. Malcolm Barcant (1913-1986) and the butterflies of Trinidad and Tobago. *Antenna* 38(2): 90-94, 5 figs. [general]
- Baker, Richard A., and Edward Geoffrey Hancock**
- [2016]. Compiling collectors in the Caribbean: Biographical notes on some insect collectors in Trinidad and Tobago during the British colonial period. *Living World* 2015: 15-22, 1 fig. ("July 2015", [June 2016]) [general; history]
- Baker, William J.**
2011. See Laurance, W. F. et al., 2011.
- Balam-Ballote, Yariely del Rocío, and Jorge Leonel León**
2010. Forest management and biodiversity: A study of an indicator insect group in Southern Mexico. *Interciencia* 35(7): 526-533, 6 figs., 3 tabs. (July) [general]
- Balcázar, Manuel Artemio** [1965- ]
1993. Butterflies of Pedernales, Michoacán, Mexico, with notes on seasonality and faunistic affinities (Lepidoptera: Papilionoidea and Hesperioidea). *Tropical Lepidoptera* 4(2): 93-105, 9 figs., 1 tab. ("30 November", [27 December]) [general]
1997. Mexican butterfly diversity. *American Butterflies* 5(4): 28-31, 7 figs. [general]
- 1999a. See Beutelspacher, C. R. & M. A. Balcázar, 1999.
- 1999b. See Sánchez, G. et al., 1999.
2007. See Kir'yanov, A. V. & M. A. Balcázar, 2007.
- Balcázar, Manuel Artemio, and Keith Richard Willmott**
2004. A new subspecies of *Adelpha erymanthis* from Mexico, with a key to identification of similar taxa (Lepidoptera: Nymphalidae: Limenitidini). *Tropical Lepidoptera* 12(1/2): 25-28, 4 figs. (23 December) [*A. e. esperanza*]
- Balch, Jennifer Kakareka** [1977- ]
2017. See Andrade, R. B. de et al., 2017.
- Baldani, Vera Lúcia Divan**
2001. See Reis, V. M. et al., 2001.
- Balderrama, José Antonio**
2007. See Aguirre, L. F. et al., 2007.
- Baldin, Edson Luiz Lopes**
2011. See Schlick-Souza, E. C. et al., 2011.
- Baldin, Edson Luiz Lopes, Eunice Cláudia Schlick-Souza, André Luiz Lourenção and Roberto Silva Camargo**
2015. Resistance of collard greens to *Ascia monuste orseis* (Lepidoptera: Pieridae). *Arthropod-Plant Interactions* 9(1): 67-74, 1 fig., 4 tabs. (February; published online 9 November 2014) [host plant; Brazil]
- Bálint, Zsolt** [1962- ]
- 1993a. A catalogue of Polyommata Lycaenidae (Lepidoptera) of the xeromontane oreol biome in the Neotropics as represented in European collections. *Reports of the Museum of natural History. University of Wisconsin* (Stevens Point) 29: 1-43, pls. 3-5, figs. (29 March) [general; new taxa: *Itylos luzhin*, *I. prin*, *Pseudolucia parana*, *P. sirin*, *Paralycaeides shade*, *Madeleinea*, *M. mashenka*; taxonomy; biogeography]
- 1993b. Comments and additions concerning the recent "Catalogue" of Neotropical Polyommata Lycaenidae. *Reports of the Museum of natural History. University of Wisconsin* (Stevens Point) 42: [i-ii], 1-4 (13 December) [general]
- 1995a. See Benyamini, D. et al., 1995a.
- 1995b. See Benyamini, D. et al., 1995b.
- 1995c. A review of recent literature and taxonomic synonymy in the Neotropical Polyommata (Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 49: 1-10 (28 December) [general]
- 1995d. See Benyamini, D. & Z. Bálint, 1995.
- 1995e. See Benyamini, D. et al., 1995c.
- 1995f. See Johnson, K. D. & Z. Bálint, 1995.
- 1996a. Oh High Andes - You were my Ardis Park. *News of the Lepidopterists' Society* 38(1): 27-29, 15 figs. (January) [general; Peru]
- 1996b. An overview of Neotropical *Polyommatus* (sensu Eliot, 1973) lycaenid butterflies. *Esperiana* 4: 159-166, pls. J-K (18 December) [general]
- 1996c. See Johnson, K. D. et al., 1996.
1997. A report of an entomological expedition in Peru with special reference to lycaenid butterflies (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 58: 9-17, 6 figs. (30 October) [general]
- 1999a. Annotated list of the type specimens of *Polyommatus* sensu Eliot of the Natural History Museum, London (Lepidoptera, Lycaenidae). *Neue entomologische Nachrichten* 46: 1-89, 4 pls., 2 tabs. (November) [general; Neotropics]
- 1999b. Polyommata additions to Bernard D'Abrera's Neotropical lycaenid volume. *Lepidoptera News* 1999(3): 9-10 ("30 November", [13 December]) [general]
- 1999c. Lepkészeti kutatóúton a perui Andokban [On a trip studying Lepidoptera in the Peruvian Andes]. *Allattani Közlemények* 84: 87-101, 2 tabs. [In Hungarian] [general]
- 2000a. A confession on naming Neotropical lycaenid butterflies. *Lepidoptera News* 1999(4): 3 ("30 January" [7 February]) [general]
- [2000]b. A new species of *Madeleinea* (Lepidoptera: Lycaenidae) from Colombia, with synonymy and notes for other species occurring in the high Andes. *Annales historico-naturales Musei nationalis hungarici* 91: 87-95, 6 figs. ("31 December 1999", [after 6 March 2000]) [*M. malvasa*]
2001. Three new eumaeine species from the Andes (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 62: 167-175, 9 figs. (31 December) [*Penaincisalia perezii*, *P. lamasi*, *Podanotum andrewneildi*; Colombia, Venezuela, Ecuador, Peru]
- 2002a. Miscellaneous notes on Arcas Swainson, 1832 (Lepidoptera: Lycaenidae, Eumaeini). *Annales historico-naturales Musei nationalis hungarici* 94: 141-161, 32 figs. (30 November) [new species: *A. arcadia*, *A. alleluia*; Central and South America]
- 2002b. *Paraspiculatus oroanna* sp. n. from Peru (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 63: 113-117, 2 figs., 1 tab. (30 November)
- 2002c. A new genus in the neotropical lycaenid butterfly tribe Eumaeini (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 63: 119-133, 12 figs. (30 November) [*Margaritheclus*; new species: *M. belus*, *M. dabrerus*;



- South America]
- 2002d. *Gullicaeana* nom n. for *Gulliveria* d'Abrera et Bálint, 2001 (Lepidoptera: Lycaenidae), with notes on the type species of the genus. *Folia entomologica hungarica* 63: 135-138 (30 November) [Brazil, Ecuador]
2003. Description of *Jonhsonita johnbanksi* sp. n. from Peru, with notes on the genus (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 64: 243-250, 4 figs. (30 December)
- 2004a. See Faynel, C. & Z. Bálint, 2004.
- 2004b. Notes on certain high Andean orange eumaine [sic] lycaenids with description of a new species from Peru (Lepidoptera: Lycaenidae: Eumaeini). *Annales historico-naturales Musei nationalis hungarici* 96: 261-272, 14 figs. (30 October) [*Penaincisalia felizitas*; taxonomy]
- 2004c. Further notes on the neotropical hairstreak butterfly genus *Paraspiculatus* (Lepidoptera: Lycaenidae, Eumaeini). *Folia entomologica hungarica* 65: 107-116, 5 figs., 1 tab. (30 December) [new species: *P. villaanna*; South America]
- 2005a. Frederick W. Goodson and his contribution to the taxonomy of neotropical hairstreak butterflies (Lepidoptera: Lycaenidae: Eumaeini). *Systematics and Biodiversity* 2(4): 355-373, 13 figs., 1 tab. (18 April) [general; nomenclature]
- 2005b. A review of the Neotropical hairstreak genus *Annamaria* with notes on further genera (Lepidoptera: Lycaenidae). *Annales historico-naturales Musei nationalis hungarici* 97: 115-149, 40 figs. (30 November) [new species: *A. columbia*, *A. lathyi*, *A. rhapsodia*]
- 2005c. Systematics and taxonomic notes on Neotropical hairstreak lycaenids in connection to the genus *Megathecla* (Lycaenidae: Theclinae: Eumaeini). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 278-294, 12 figs. (November) [new taxa: *Cupathecla*, *Thereus wojtusiakí*]
- 2006a. See Kertész, K. et al., 2006a.
- 2006b. See Biró, L. P. et al., 2006.
- 2006c. See Kertész, K. et al., 2006b.
- 2006d. Monophyly, parsimony and stability: threats to taxonomy. *Genus* 17(3): 311-315, 1 fig. (30 September) [*Thecloxurina atymna* (Hewitson); Ecuador]
- 2006e. Arcas Swainson, 1832 is revisited: review of some species-group names, identification of the sister group and a key for species (Lepidoptera, Lycaenidae: Eumaeini). *Annales historico-naturales Musei nationalis hungarici* 98: 147-158, 14 figs. (6 October) [general; new species: *A. gozmanyi*; Central and South America]
- 2007a. See Berthier, S. et al., 2007.
- 2007b. See Biró, L. P. et al., 2007a.
- 2007c. See Biró, L. P. et al., 2007b.
- 2007d. See Prieto, C. H. & Z. Bálint, 2007.
- 2007e. See Biró, L. P. et al., 2007c.
- 2008a. See Kertész, K. et al., 2008.
- 2008b. See Biró, L. P. et al., 2008.
- 2008c. See Prieto, C. H. et al., 2008.
- 2008d. Lepidoptera collections of historical importance in the Hungarian Natural History Museum. *Annales historico-naturales Musei nationalis hungarici* 100: 17-35, 17 figs., 1 tab. (30 November) [*Morpho marcus* (Schaller); Surinam]
- 2009a. Five chapters on *Annamaria columbia* with the description of a new genus (Lepidoptera: Lycaenidae: Eumaeini). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 75-82, 6 figs. [after 10 July] [*Airamanna*; taxonomy; Colombia, Ecuador, Peru, Bolivia]
- 2009b. See Márk, G. I. et al., 2009.
- [2010]a. "O que passa? What's going on here?" – An introduction to the butterflies of the Amazon forest by John Banks. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(2): [276] ("December 2009", [12 April 2010]) [general; DVD review]
- 2010b. Microscopical observations and notes on wing scaling in *Annamaria* D'Abrera & Bálint, and further notes on the genus (Lepidoptera: Lycaenidae: Theclinae). *Lepidoptera novae* 3(1): 29-40, 7 pls., 1 tab. (10 May) [general; morphology]
- 2011a. *Ianusanta ianusi*, a new genus and new species of eumaine lycaenid butterflies from the Andes (Lepidoptera: Lycaenidae, Theclinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(1): 224-230, 4 figs. (after 29 July) [Ecuador, Peru]
- 2011b. See Vila, R. et al., 2011.
- 2011c. George W. Beccaloni, Ángel L. Vilorio, Stephen K. Hall & Gaden S. Robinson (2008): Catalogue of the host plants of the neotropical butterflies. *Catálogo de las plantas huésped de las mariposas neotropicales. Atalanta* 42(1/4): 102 (October) [general; book review]
- 2011d. Shuichi Kinoshita (2010): Structural colors in the realm of nature. *Atalanta* 42(1/4): 138 (October) [general; book review]
- 2011e. See Benyamini, D. & Z. Bálint, 2011.
2012. See Faynel, C. & Z. Bálint, 2012.
2013. See Tamáska, I. et al., 2013.
- 2014a. See Benyamini, D. et al., 2014.
- 2014b. *Meridaria hightoni*, new genus and species from Venezuela (Lepidoptera: Lycaenidae: Theclinae: Eumaeini). *Lepidoptera novae* 7(1): 45-48, 1 pl. (March) [new subtribe: Tmolusina; Peru]
- 2014c. See Kertész, K. et al., 2014.
- 2014d. See Neild, A. F. E. & Z. Bálint, 2014.
- [2016]a. See Benyamini, D. & Z. Bálint, [2016].
- 2016b. See Hoskins, A. & Z. Bálint, 2016.
- 2018a. See Pyrcz, T. W. et al., 2018b.
- 2018b. See Costa, M. et al., 2018.
- 2018c. See Guerra, J. F. et al., 2018.
2019. See Costa, M. et al., 2019b.
- Bálint, Zsolt, and Stéphane Attal**
- 2007a. Nouveaux *Podanotum* (Lepidoptera, Lycaenidae). *Bulletin de la Société entomologique de France* 112(4): 473-476, 6 figs. (28 December) [*P. aquaphilum*, *P. magnificum*; Ecuador]
- 2007b. La femelle de *Rhamma hybla* (Druce, 1907) (Lep., Lycaenidae, Theclinae). *Bulletin de la Société entomologique de France* 112(4): 513-514, 2 figs. (28 December) [Ecuador]
- Bálint, Zsolt, Balázs Benedek and András Kun**
2004. Lepidoptera collectings of the Hungarian Natural History Museum in Peru, nos 34-64. *Folia entomologica hungarica* 65: 147-151, 5 figs. (30 December) [general]
- Bálint, Zsolt, and Dubi Benyamini**
2001. Taxonomic notes, faunistics and species descriptions of the austral South American polyommata lycaenid genus *Pseudolucia* (Lepidoptera: Lycaenidae): the *chilensis* and *collina* species groups. *Annales historico-naturales Musei nationalis hungarici* 93: 107-149, 60 figs., 1 tab. (30 November) [new species, *P. oraria*, *P. ugartei*, *P. dubi*; host plants; life histories; behavior; Chile, Argentina]
2013. *Pseudolucia maricunga* sp. n., a new high Andean butterfly from northern Chile (Lepidoptera, Lycaenidae: Polyommatae). *Folia entomologica hungarica* 74: 175-183, 9 figs. [host plant]
2017. Corrected synonymies: the identities of *Strymon bicolor* (Philippi, 1859) and *Strymon heodes* (Druce, 1909) (Lepidoptera: Lycaenidae). *Opuscula zoologica* 48(1): 61-

- 69, 11 figs. (published online 30 June) [Peru, Chile, Argentina]
- Bálint, Zsolt, Dubi Benyamini and Kurt Duane Johnson**  
2001. Species descriptions and miscellaneous notes on the genus *Pseudolucia* (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 62: 151-165, 35 figs. (31 December) [new species: *P. kechico*, *P. henyah*, *P. arauco*; Chile]
- Bálint, Zsolt, Serge Berthier, Julie Boulenguez and Victoria L. Welch**  
2009. *Morpho*-like optical phenomenon in the neotropical lycaenid butterfly *Mercedes atnius* (Herrich-Schäffer, 1853) (Lepidoptera: Lycaenidae). *Atalanta* 40(1/2): 263-272, pl. 6, figs. 3-7, 9-10 (July) [*Morpho rhetenor* (Cramer); morphology; South America]
- Bálint, Zsolt, and László Péter Biró**  
2004. [The transfiguration of butterfly colours]. *Természet Világa* 135(7): 310-313, 1 pl., 4 figs. (July) [In Hungarian] [general; morphology]
- Bálint, Zsolt, Pierre Boyer, Hans Walter Dahners, Julián Adolfo Salazar and Krisztián Kertész**  
2006a. Comments on the systematics and natural history of *Aveexcrenota*, a genus of rare Andean eumaeine Lycaenidae (Lepidoptera). *Acta zoologica Academiae scientiarum hungaricae* 52(3): 331-352, 12 figs., 1 tab. (29 September) [new genus: *Suneve* Bálint; Colombia, Ecuador, Peru]
- Bálint, Zsolt, Pierre Boyer, Krisztián Kertész and László Péter Biró**  
2008a. Observations on the spectral reflectances of certain high Andean *Penaincisalia* and *Thecloxurina*, with the description of a new species (Lepidoptera: Lycaenidae: Eumaeini). *Journal of natural History* 42(25/26): 1793-1804, 5 figs. (July) [*T. tegulina*; Colombia, Ecuador; Peru]
- Bálint, Zsolt, Pierre Boyer and Janusz Wojtusiak**  
2006d. Contributions to the knowledge of Neotropical Lycaenidae: Notes on the genus *Abloxurina* with descriptions of five new species (Lepidoptera: Theclinae: Eumaeini). *Genus* 17(4): 571-584, 18 figs. (28 December) [*A. acjabamba*, *A. duviolsi*, *A. falcatabamba*, *A. molipampa*, *A. oxapampa*; Peru, Ecuador]
- Bálint, Zsolt, José Alfredo Cerdeña, Pierre Boyer, Klaudia Florczyk and Tomasz Wilhelm Pycrz**  
2019a. Notes on the identity of the male paralectotype of *Thecla heodes* and description of a new species: *Strymon cryptodes* sp. nov. from northern Peru (Lepidoptera: Lycaenidae). *Opuscula zoologica* (Budapest) 50(1): 23-29, 15 figs. (20 March)
- Bálint, Zsolt, Luis Miguel Constantino and Kurt Duane Johnson**  
2003. *Atlides dahnersi* sp. n. from Colombia (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 64: 251-266, 11 figs. (30 December)
- Bálint, Zsolt, Luis Miguel Constantino, Julián Adolfo Salazar, Miguel Gonzalo Andrade and Lina Rocío Campos**  
[2010]a. Notes on the genus *Theorema* with special regard to Colombia and description of a new species from Venezuela (Lepidoptera: Lycaenidae: Theclinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(2): 126-141, 31 figs. ("December 2009", [12 April 2010]) [*T. pyrczia*]
- Bálint, Zsolt, and Mauro Costa**  
2012. Description of an *Ocaria* species from the Venezuelan Pantepuy (Lepidoptera: Lycaenidae: Theclinae). *Annales historico-naturales Musei nationalis hungarici* 104: 299-310, 16 figs. (30 November) [*O. elisa*]
- Bálint, Zsolt, and Bernard Laurence D'Abrera**  
2011. Comments on the proposed establishment of availability of *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, 2001, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of zoological Nomenclature* 68(3): 206-210 (30 September) [general; Neotropics]
2012. Comments on the proposed establishment of availability of *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, 2001, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of zoological Nomenclature* 69(4): 281-283 (20 December) [general; Neotropics]
- Bálint, Zsolt, and Hans Walter Dahners**  
2006. *Beatheclus beatrizae*, a new eumaeine species and genus from Colombia (Lepidoptera: Lycaenidae, Eumaeini). *Folia entomologica hungarica* 67: 145-153, 13 figs. (30 November)
- Bálint, Zsolt, Hans Walter Dahners and Janusz Wojtusiak**  
2006c. A review of *Rhamna bilix* Draudt with description of the male phenotype (Lepidoptera: Lycaenidae: Eumaeini). *Genus* 17(3): 417-425, 7 figs. (30 September) [general; Colombia, Ecuador]
- Bálint, Zsolt, and Christophe Faynel**  
2008. Review of the genus *Brangas* Hübner, 1891 (Lepidoptera: Lycaenidae) with description of a new genus. *Annales historico-naturales Musei nationalis hungarici* 100: 271-306, 89 figs. (30 November) [new taxa: *Dabreras*, *B. contrastus*, *B. insolitus*, *B. moserorum*, *B. neildonatus*, *B. polonus*, *B. rambutorum*; South America]
- Bálint, Zsolt, and Kim Goodger**  
2003. The Neotropical eumaeine lycaenids of the Cajetan and Rudolf Felder collection. Part I: Review of type material of the taxa described by the Felders (Lepidoptera, Lycaenidae). *Quadriana* 6: 67-140, 76 figs. (15 December) [general; taxonomy]
- Bálint, Zsolt, Gergely Katona and Krisztián Kertész**  
2019b. A new species of *Penaincisalia* (Lepidoptera: Lycaenidae) from Peru. *Opuscula zoologica* (Budapest) 50(2): 137-144, 28 figs. (9 December) [*P. alina*]
- Bálint, Zsolt, Crispin S. Guppy, Norbert G. Kondla, Kurt Duane Johnson and Christopher J. Durden**  
2001. *Plebeius* Kluk, 1780 or *Plebejus* Kluk, 1802? (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 62: 177-184, 7 figs. (31 December) [*Danaus*, *Heliconius*, *Nymphalis*; nomenclature]
- Bálint, Zsolt, Alan Heath, Gergely Katona, Krisztián Kertész and Szabolcs Sáfián**  
2017. Male secondary sexual characters in Aphnaeinae wings (Lepidoptera: Lycaenidae). *Opuscula zoologica* 48(1): 27-34, 14 figs. (published online 18 April) [general; morphology]
- Bálint, Zsolt, and Adrian Hoskins**  
2015. Greenstreak (*Cyanophrys*) with brownish red underside from the Peruvian Andes (Lepidoptera: Lycaenidae: Theclinae: Eumaeini). *Lepidoptera novae* 8(1): 7-8, 4 figs. (March) [*C. herodotus* (Fabricius)]
- Bálint, Zsolt, and Kurt Duane Johnson**  
1993a. New species of *Pseudolucia* Nabokov from Chile and Patagonia (Lepidoptera: Lycaenidae, Polyommatainae). *Reports of the Museum of natural History. University of Wisconsin (Stevens Point)* 27: 1-25, 10 figs. (29 March) [*P. zembla*, *P. annamaria*, *P. hazeorum*, *P. clarea*, *P. vera*, *P. charlotte*, *P. lanin*, *P. kinbote*, *P. penai*, *P. aureliana*, *P. aconcagua*; Argentina]
- 1993b. A new genus of Thecline-like Polyommatainae from the

- Andean region of South America (Lepidoptera: Lycaenidae, Polyommatainae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 28: 1-4, figs. (29 March) [*Polytheclus*, *P. cincinnatus* (new species); Peru, Chile]
1994. Polyommataine lycaenids of the oreale biome in the Neotropics, part I: The thecline-like taxa (Lepidoptera: Lycaenidae). *Acta zoologica Academiae Scientiarum hungaricae* 40(2): 109-123, 36 figs. (after 24 March) [*Polytheclus*; new species: *Nabokovia ada*; Ecuador, Peru, Bolivia, Chile, Argentina]
- 1995a. Description of a new *Madeleinea* (Lepidoptera, Lycaenidae) species from Ecuador. *Acta zoologica Academiae Scientiarum hungaricae* 41(1): 25-34, 15 figs. [January] [*M. carolityla*]
- [1995]b. Polyommataine lycaenids of the oreale biome in the Neotropics, part II: The *Itylos* section (Lepidoptera: Lycaenidae, Polyommatainae). *Annales historico-naturales Musei nationalis hungarici* 86: 53-77, 70 figs. ("31 December 1994", [after 31 August 1995]) [systematics; Peru, Bolivia, Chile, Argentina]
- 1995c. Neotropical polyommataine diversity and affinities. I. Relationships of the higher taxa (Lepidoptera: Lycaenidae). *Acta zoologica Academiae Scientiarum hungaricae* 41(3): 211-235 [after 4 December] [general]
- 1995d. Synopsis of the high Andean and Austral polyommataine genus *Madeleinea* Bálint 1993 (Lepidoptera, Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 43: 1-28, 3 pls., 41 figs., 2 tabs. (28 December) [new species: *M. nodo*, *M. odon*, *M. vokoban*, *M. tintarrona*]
- 1995e. Species diagnostics of the genus *Leptotes* in continental South America (Lepidoptera, Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 44: 1-24, pls. 2-3, 25 figs. (28 December) [new species: *L. krug*, *L. lamasi*, *L. delalande*]
- 1995f. The Argentine fauna of *Pseudolucia* Nabokov (Lepidoptera, Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 45: 1-23, pl. 4, 23 figs. (28 December) [new taxa: *P. andina neuqueniensis*, *P. humbert*, *P. shapiro*, *P. tamara*, *P. whitakeri*]
- 1995g. A new species of *Pseudolucia* Nabokov from the coastal region of Chile (Lepidoptera, Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 46: 1-[8], pl. 5, 3 figs., 1 tab. (28 December) [*P. benyamini*]
- 1995h. Additional historical data for Neotropical polyommataine lycaenid butterflies in European collections (Lepidoptera). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 50: 1-10, 1 tab. (28 December) [general]
- 1995i. Taxonomic synopsis of the high Andean and Austral lycaenid genus *Paralycaeides* Nabokov, 1945 (Lepidoptera: Lycaenidae, Polyommataini). *Annales historico-naturales Musei nationalis hungarici* 87: 103-122, 55 figs. (31 December) [new species: *P. hazelea*; Peru, Bolivia, Argentina]
- [1996]. Systematic position and generic status of *Lycaena cogina* Schaus, 1902: An endemic Neotropical Lycaenopsina (Lepidoptera, Lycaenidae). *Acta zoologica Academiae Scientiarum hungaricae* 41(4): 343-347, 5 figs. [after 14 March] [new genus: *Elkalyce*; Brazil, Argentina]
1997. Reformation of the *Polyommatus* section with a taxonomic and biogeographic overview (Lepidoptera, Lycaenidae, Polyommataini). *Neue entomologische Nachrichten* 40: 1-68, 4 pls., 23 figs. (November) [general; new species: *Madeleinea gradoslamasii*]
- [1998]. New species of *Cyanophrys* sensu lato from the Andean region of Argentina (Lepidoptera: Lycaenidae). *Annales historico-naturales Musei nationalis hungarici* 89: 141-150, 18 figs. ("31 December 1997", [after 9 February 1998]) [*C. mykros*, *C. nescus*, *C. octonarius*, *Plesiocyanophrys runa*]
- Bálint, Zsolt, Kurt Duane Johnson and George Traut Austin**
- [1999]. New species of Eumaeini (Lycaenidae) from southeastern Brazil II. Review of regional *Ministrymon* and descriptions of new species (Lepidoptera: Lycaenidae). *Annales historico-naturales Musei nationalis hungarici* 90: 195-214, 30 figs. ("31 December 1998", [January 1999]) [*M. gagarini*, *M. cruor*, *M. arthuri*, *M. androgenus*, *M. borkini*, *M. exorbaetus*, *M. oblongus*, *M. callicus*, *M. cryptus*]
- Bálint, Zsolt, Kurt Duane Johnson and Robert C. Eisele**
2000. Description of the northern sister species of *Pseudolucia chilensis* (Blanchard, 1852) (Lepidoptera: Lycaenidae). *Folia entomologica hungarica* 61: 169-179, 9 figs., 1 tab. (30 November) [*P. jujuyensis*; biogeography]
- Bálint, Zsolt, Kurt Duane Johnson and Karl Ritter Kroenlein**
1998. New species of Eumaeini (Lycaenidae) from southeastern Brazil. I. Four new species of *Denivia*. *Acta zoologica Academiae Scientiarum hungaricae* 43(3): 257-269, 13 figs. (15 February) [*D. grava*, *D. secunda*, *D. ponsanota*, *D. striata*]
- Bálint, Zsolt, Krisztián Kertész and Janusz Wojtusiak**
- 2006b. The description of *Atlides halljasoni* n. sp. from Ecuador and its spectrographic characterization with some notes on the genus (Lepidoptera: Lycaenidae: Eumaeini). *Genus* 17(3): 409-415, 12 figs., 1 tab. (30 September) [Colombia, Ecuador, Argentina]
- 2010b. Notes on the high Andean cloud forest butterfly genus *Jagiello* and its relatives with description of a new species from Peru (Lepidoptera: Lycaenidae). *Annales historico-naturales Musei nationalis hungarici* 102: 119-142, 32 figs., 1 tab. (30 November) [*J. boyeropampa*]
- Bálint, Zsolt, and Gerardo Lamas**
1994. Polyommataine lycaenids of the oreale biome in the Neotropics, part III: Descriptions of three new species (Lepidoptera, Lycaenidae). *Acta zoologica Academiae Scientiarum hungaricae* 40(3): 231-240, 10 figs., 3 tabs. [after 17 October] [*Itylos pasco*, *Madeleinea huascarana*, *M. cobaltana*; Peru]
- [1997]. On the taxonomy of the Neotropical polyommataine lycaenids (Lepidoptera: Lycaenidae, Polyommataini). *Annales historico-naturales Musei nationalis hungarici* 88: 127-144, 47 figs., 4 tabs. ("31 December 1996", [after 9 January 1997]) [new species: *Madeleinea ardisensis*, *M. colca*, *M. bella*, *Nabokovia cuzquenha*; morphology; distribution; Peru]
- [1999]. Another new species of *Itylos* from the high Andes of Peru. *Annales historico-naturales Musei nationalis hungarici* 90: 215-219, 4 figs. ("31 December 1998", [January 1999]) [*I. mira*]
- Bálint, Zsolt, Jadwiga Lorenc-Brudecka and Tomasz Wilhelm Pyczk**
2016. New distribution data for two species of the Neotropical genus *Lathecla* Robbins, 2004 (Lepidoptera, Lycaenidae, Eumaeini). *Opuscula zoologica* 47(2): 151-154, 2 figs. (published online 20 July) [*L. mimula* (Draudt), *L. carolyana* Busby; Venezuela, Colombia, Ecuador, Peru]
- Bálint, Zsolt, and Udo Luy**
- 1994a. New records of *Pseudolucia* Nabokov, 1945 from Chile (Lepidoptera, Lycaenidae). *Galathea* 10(1): 23-28, 2 pls. [general]
- 1994b. Corrigendum to New records of *Pseudolucia* Nabokov,

- 1945 from Chile (Lepidoptera, Lycaenidae). *Galathea* 10(2): 56 [general]
- Bálint, Zsolt, and Alfred Moser**
2001. Notes on the genus *Paraspiculatus* (Insecta: Lepidoptera: Lycaenidae: Eumaeini) with a synopsis of the taxa occurring in southern Brazil. *Annalen der naturhistorischen Museum Wien* 103(B): 249-262, 25 figs. (December) [new species: *P. vossoroca*, *P. hannelore*; Colombia, Peru, Bolivia, Paraguay]
2007. Description of a *Denivia* species from south and southeast Brazil with notes on the genus (Lepidoptera, Lycaenidae: Eumaeini). *Folia entomologica hungarica* 68: 147-156, 4 figs., 1 tab. (30 November) [*D. espiritoso*]
- Bálint, Zsolt, Alfred Moser, Krisztián Kertész, László Péter Biró and Andrew Richard Parker**
2009. A supposition: structural colours resulting from both natural and sexual selection on an individual wing in the butterfly genus *Cyanophrys* (Lepidoptera: Lycaenidae). *Annales historico-naturales Musei nationalis hungarici* 101: 63-79, 26 figs., 1 tab. (30 November) [general; morphology; behavior; Brazil, Colombia]
- Bálint, Zsolt, and Julián Adolfo Salazar**
2003. *Fasslantoni* gen. n. a monotypic genus of Neotropical eumaeine lycaenids (Lepidoptera: Lycaenidae, Eumaeini). *Annales historico-naturales Musei nationalis hungarici* 95: 173-183, 6 figs. (30 October) [*F. episcopalis* (Fassl); Colombia]
- Bálint, Zsolt, Zofia Vértesy and László Péter Biró**
- 2005b. Microstructures and nanostructures of high Andean *Penaincisalia* lycaenid butterfly scales (Lepidoptera: Lycaenidae): descriptions and interpretations. *Journal of natural History* 39(31): 2935-2952, 7 figs., 1 tab. (15 September) [general; Peru, Ecuador]
- Bálint, Zsolt, Zofia Vértesy, Krisztián Kertész and László Péter Biró**
- 2005a. *Scanning electron microscopic investigations in butterfly wings: Detecting scale micro- and nanomorphology and understanding their functions*, pp. 87-92, 7 figs. In: Méndez-Vilas, A. & L. Labajos-Broncano (Eds.), *Current issues on multidisciplinary microscopy research and education*. (FORMATEX Microscopy Book Series N° 2) (31 July) [general]
- Bálint, Zsolt, and Janusz Wojtusiak**
2000. *Jagiello molinopampa* gen. et sp. n. from Peru (Lepidoptera: Lycaenidae). *Annales historico-naturales Musei nationalis hungarici* 92: 183-191, 14 figs. (31 December)
2001. The genus *Pons* Johnson, 1992 (Lepidoptera: Lycaenidae: Eumaeini). *Genus* 12(3): 373-383, 12 figs., 2 tabs. (30 September) [general; taxonomy; distribution]
- 2002a. *Rhamma tomaszpyrczi* n. sp. from northeast Peru (Lepidoptera: Lycaenidae: Eumaeini). *Genus* 13(2): 189-196, 5 figs. (30 June)
- 2002b. *Podanotum glorissimum* sp. n. from Peru (Lepidoptera: Lycaenidae: Eumaeini). *Annales historico-naturales Musei nationalis hungarici* 94: 163-167, 8 figs., 1 tab. (30 November)
2003. Notes on Ecuadorian and Peruvian species of the genus *Thecloxurina* Johnson, 1992 (Insecta: Lepidoptera: Lycaenidae, Eumaeini), with descriptions of three new species. *Annalen naturhistorisches Museum Wien* 104B: 363-386, 46 figs. (31 March) [*T. amazona*, *T. chachapoya*, *T. ludovica*]
2005. Contributions to the knowledge of Neotropical lycaenid butterflies: Polyommatinae (Lepidoptera: Lycaenidae). *Genus* 16(4): 543-554 (28 December) [general; Venezuela, Colombia, Ecuador, Peru]
- 2006a. Contribution to the knowledge of Neotropical Lycaenidae - reinstating names of three recently described species and description of a new one (Lepidoptera: Eumaeini). *Genus* 17(2): 273-282, 8 figs. (30 June) [*Margaritheclus boliboyerus*; Ecuador, Peru, Bolivia]
- 2006b. Notes on the genus *Podanotum* with description of a new species (Lepidoptera: Lycaenidae: Eumaeini). *Genus* 17(2): 283-289, 8 figs. (30 June) [*P. melanissimum*; Ecuador]
- 2006c. Contributions to the knowledge of Neotropical Lycaenidae: Notes on *Thecloxurina* with the description of three new species (Lepidoptera: Theclinae: Eumaeini). *Genus* 17(4): 585-600, 14 figs. (28 December) [*T. alcacera*, *T. santamarta*, *T. sigsiga*; Ecuador, Colombia]
2011. Contribution to the knowledge of Neotropical Lycaenidae: *Brevianta bathoryon* sp. n. from the Western Cordilleras of the Andes with notes on the genus (Lepidoptera: Eumaeini). *Genus* 22(2): 205-215, 12 figs. (31 July) [Colombia, Ecuador]
- Bálint, Zsolt, Janusz Wojtusiak, Krisztián Kertész and László Péter Biró**
2007. The description of *Theritas gozmanyi* from the Andes and its spectroscopic characterization with some notes on the genus (Lepidoptera: Lycaenidae: Eumaeini). *Acta zoologica Academiae Scientiarum hungaricae* 53(Supplement 1): 211-224, 14 figs., 2 tabs. (30 July) [Ecuador]
- 2008b. Description of *Penaincisalia biophot* with an emphasis on the optical properties of the wing dorsal surfaces (Lepidoptera: Lycaenidae). *Genus* 19(3): 343-353, 17 figs., 2 tabs. (30 October) [Peru]
- Balke, Michael**
2019. See Toussaint, E. F. A. et al., 2019.
- Ballah, Shane T.**
2002. See Starr, C. K. et al., 2002.
- Ballet, Jules [1825-1904]**
1894. *La Guadeloupe. Renseignements sur l'histoire, la flore, la faune, la géologie, la minéralogie, l'agriculture, le commerce, l'industrie, la législation, l'administration*. Basse-Terre, Imprimerie du Gouvernement. 1(2): 622 pp. [general; life histories; host plants; behavior]
- Balletto, Emilio [1943- ]**
1993. On some new genus-group and species-group names of Andean Polyommatini (Lepidoptera). *Bollettino della Società entomologica italiana* 124(3): 231-243, 5 figs. (28 February) [*Facula*, *Boliviella*, *Ityloides*, *I. fumosus*, *Cherchiella*, *C. argentina*, *C. scintilla*, *Pallidula*, *P. vicunha*, subgenus *Eldoradina*, *Nabokovia* (*E.*) *cyanea*, *Nivalis*; Peru, Argentina, Chile]
- Balletto, Emilio, Francesca Barbero, Simona Bonelli, Luca Pietro Casacci and Leonardo Dapporto**
2018. Case 3749 – Erynnini Brues & Melander, 1932: proposed conservation by suppression of Erynnidi Tutt, 1906, Erynninae Swinhoe, 1913 and Erynnidae Hampson, 1918 (Insecta, Lepidoptera, Hesperidae). *Bulletin of zoological Nomenclature* 75: 130-134 (15 September)
- Ballhorn, Daniel J., Stefanie Kautz, Martin Heil and Adrian D. Hegeman**
2009. Cyanogenesis of wild lima beans (*Phaseolus lunatus* L.) is an efficient direct defence in nature. *PLoS ONE* 4(5)(e5450): 1-7, 5 figs., 1 tab. (8 May) [*Urbanus proteus* (Linnaeus); host plant; Mexico]
- Ballmer, Gregory R.**
1991. See Pratt, G. F. & G. R. Ballmer, 1991.
- Ballmer, Gregory R., and Gordon F. Pratt**
- 1992a. *Loranthomitoura*, a new genus of Eumaeini (Lepidoptera: Lycaenidae: Theclinae). *Tropical Lepidoptera* 3(1): 37-46, 26 figs. ([11 June]) [general; host plants; Mexico]

- 1992b. Quantification of ant attendance (myrmecophily) of lycaenidae larvae. *Journal of Research on the Lepidoptera* 30(1/2): 95-112, 4 tabs. (1 December) [*Eurybia*; Brazil]
- Ballmer, Gregory R., and David M. Wright**  
2014. Notes on the immature stages of *Setabis* sp., a myrmecophagous riodinid butterfly (Lepidoptera: Riodinidae). *Journal of Research on the Lepidoptera* 47: 11-15, 11 figs. (31 December; published online 11 February) [larva, pupa, imago; behavior; Brazil]
- Ballou, Charles Herbert** [1890-1961]  
1934. Insect notes from Costa Rica in 1934. *Insect Pest Survey Bulletin* 15(4)(supplement): 163-212. [general]  
1936. Insectos observados durante el año 1934. *Boletín. Centro nacional de Agricultura. Escuela nacional de Agricultura* (San Pedro de Montes de Oca, Costa Rica) 20: 1-49 (July) [general; Costa Rica]  
1938. Plagas en los jardines. *El Agricultor venezolano* (Caracas) 3(27): 4-7, figs. (July) [*Pieris* sp.; host plant; Venezuela]  
1945. Notas sobre insectos dañinos observados en Venezuela 1938-1943. Datos tomados en la época en que causaron daños de consideración. 3a. *Conferencia interamericana de Agricultura* (Caracas) 34: 1-151, 6 figs. [general; host plants; larvae, pupae, imagines]
- Ballou, Henry Arthur** [1872-1937]  
1906. Additional notes on West Indian insects. *West Indian Bulletin* 7(1): 53-60. [general]  
1911. Insect pests, pp. 21-34. In: Coco-nut cultivation in the West Indies. *Pamphlet Series. Imperial Department of Agriculture for the West Indies* 70: i-iv, 1-46, 19 figs. [*Brassolis sophorae* (Linnaeus), *B. isthmia* Bates; life histories; Guyana, Trinidad, Panama]  
1912. Insect pests of the Lesser Antilles. *Pamphlet Series. Imperial Department of Agriculture for the West Indies* 71: ix + 210 pp., 185 figs. [Brassolinae, Hesperidae; life histories]  
1913. Notes on insect pests in Antigua. *Bulletin of entomological Research* 4(1): 61-65, pls. 8-9 (May) [*Junonia* sp.; host plant]  
1937. Notes on the insects mentioned in Schomburgk's History. *Journal of the Barbados Museum and historical Society* 4(4): 184-188 (August) [*Papilio polydamas* Linnaeus, *Callidryas marcellina* (Cramer); host plants; Barbados]
- Balmuth, Alexi L.**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Bamba, Jesse**  
2000. See Muniappan, R. & J. Bamba, 2000.
- Bancroft, Edward** [1744-1821]  
1769. *An essay on the natural history of Guiana, in South America. Containing a description of many curious productions in the animal and vegetable systems of that country. Together with an account of the religion, manners, and customs of several tribes of its indian inhabitants. Interspersed with a variety of literary and medical observations. In several letters from a gentleman of the medical faculty, during his residence in that country.* London, T. Becket and P. A. De Hondt. [4] + iv + 402 + [6] pp., frontisp. [German ed., 1769; reprint, 1971] [general]
- Bandala, Victor M.**  
2015. See MacGregor, I. et al., 2015.
- Banegas, Alberto Douglas**  
1958. See Koone, H. D. & A. D. Banegas, 1958.
- Banerjee, Saswatee, James B. Cole and Toyohiko Yatagai**  
2007. Colour characterization of a *Morpho* butterfly wing-scale using a high accuracy nonstandard finite-difference time-domain method. *Micron* 38(2): 97-103, 6 figs. (February; published online 28 July 2006) [*M. sulkowskyi* Kollar]
- Banerjee, Saswatee, and Dong Zhu**  
2007. Optical characterization of iridescent wings of *Morpho* butterflies using a high accuracy nonstandard finite-difference time-domain algorithm. *Optical Review* 14(6): 359-361, 4 figs. (November) [*M. didius* Hopffer, *M. sulkowskyi* Kollar]
- Bang-Haas, Otto** [1882-1948]  
1938. Neubeschreibungen und Berichtigungen der exotischen Macrolepidopterenfauna I. *Entomologische Zeitschrift* 51(41): 370 (1 February) [general; new species: *Catagramma klugi*; Peru]
- Bangura, Marie**  
2014. See Pierce, A. A. et al., 2014.
- Banks, Joseph** [1743-1820]  
1896. *Journal of the Right Hon. Sir Joseph Banks Bart., K. B., P. R. S. during Captain Cook's first voyage in H.M.S. Endeavour in 1768-71 to Terra [sic] del Fuego, Otahite, New Zealand, Australia, the Dutch East Indies, etc. Edited by Sir Joseph D. Hooker. With portraits and charts.* London, Macmillan and Co., Ltd. i-iii, 1-466, frontisp., 1 pl., 3 figs., 4 maps (after May) [general; Brazil, Argentina]
- Banzat[?]o, David Ariovaldo**  
1983. See Bortoli, S. A. de et al., 1983.
- Báo, Sônia Nair**  
2005. See Mancini, K. et al., 2005.
- Bao, Xiaoshan**  
2017. See Moya, R. S. de et al., 2017.
- Baptista, Camila Regina**  
2010. See Graciotim, C. et al., 2010.
- Baquero, Margarita**  
2018. See Van Belleghem, S. M. et al., 2018b.
- Bar, Constant** [1817-1884]  
1854. [A note]. *Bulletin de la Société entomologique de France* (3)2(1): xix-xxi (12 July) [general; larvae, pupae; behavior; French Guiana]  
1857. [A note]. *Bulletin de la Société entomologique de France* (3)4(4): xcix-ci (8 April) [Riodinidae; larvae, pupae; behavior; French Guiana]  
1864. Quelques mots sur les Morphos de la Guyane. Lépidoptères de la tribu des Morphides. *Annales de la Société entomologique de France* (4)4(1): 29-33 (8 June) [general; French Guiana]  
1871. [A note]. *Petites Nouvelles entomologiques* 1(39): 156 (1 November) [*Morpho* spp., *Heliconius* spp.; French Guiana]  
1878. Note critique sur les différents systèmes de classification des lépidoptères rhopalocères établis depuis l'époque de Latreille et essai d'une nouvelle classification jusqu'aux genres exclusivement. *Annales de la Société entomologique de France* (5)8(1): 5-30 (26 June) [general; larvae, pupae, imagines; morphology; behavior; French Guiana]
- Bar, María Esther**  
2011. See Lazzeri, M. G. et al., 2011.
- Bar, María Esther, Miryam Pieri Damborsky, Gilberto Ávalos, Estela Monteresino and Elena Beatriz Oscherov**  
2005. Fauna de Arthropoda de la Reserva Iberá, Corrientes, Argentina. *Miscelánea INSUGEO* 14: 293-310, 2pls., 8 figs., 4 tabs. (after 27 April) [general]
- Bar, María Esther, Elena Beatriz Oscherov, Miryam Pieri Damborsky, Gilberto Ávalos and Ezequiel Núñez**  
2008a. Primer inventario de la fauna de Arthropoda de la región chaqueña húmeda. *Miscelánea. Instituto superior de Correlación geológica* 17(2): 331-354, 3 figs., 4 tabs. [general; Argentina]
- Bar, María Esther, Miryam Pieri Damborsky, Elena Beatriz Oscherov, Ezequiel Núñez and Gilberto Ávalos**  
2008b. Contribución al conocimiento de los lepidópteros de la

- Reserva Provincial Iberá, Corrientes, Argentina. *Miscelánea. Instituto superior de Correlación geológica* 17(2): 317-330, 3 pls., 3 figs., 1 tab. [general]
- Barajas, María Guadalupe**  
2013. See Ríos, A. F. & M. G. Barajas, 2013.
- Baral, Saurav**  
2018. See Deshmukh, R. et al., 2018.
- Baraloto, Christopher**  
2016a. See Lamarre, G. P. A. et al., 2016a.  
2016b. See Lamarre, G. P. A. et al., 2016b.
- Baran, Myriam**  
2006. See Martin, G. & M. Baran, 2006.
- Barão, Kim Ribeiro**  
2014. See Vargas, H. A. et al., 2014.
- Barão, Kim Ribeiro, Gislene Lopes Gonçalves, Olaf Hermann Hendrik Mielke, Marcus R. Kronforst and Gilson Rudinei Pires Moreira**  
2014. Species boundaries in *Philaethria* butterflies: an integrative taxonomic analysis based on genitalia ultrastructure, wing geometric morphometrics, DNA sequences, and amplified fragment length polymorphisms. *Zoological Journal of the Linnean Society* 170(4): 690-709, 8 figs., 2 tabs. (April; published online 25 February) [South America]
- Barão, Kim Ribeiro, and Gilson Rudinei Pires Moreira**  
2010. External morphology of the immature stages of Neotropical heliconians: VIII. *Philaethria wernickei* (Röber) (Lepidoptera, Nymphalidae, Heliconiinae). *Revista brasileira de Entomologia* 54(3): 406-418, 44 figs., 3 tabs. (30 September) [egg, larva, pupa; host plants; Brazil]
- Barão, Kim Ribeiro, Denis Santos da Silva and Gilson Rudinei Pires Moreira**  
2015. External morphology of the immature stages of Neotropical heliconians: X. *Heliconius sara apseudes* (Lepidoptera, Nymphalidae, Heliconiinae). *Iheringia (Zoologia)* 105(4): 523-533, 53 figs. (31 December) [egg, larva, pupa; host plant; Brazil]
- Barata, Lauro Euclides Soares**  
1991. See Trigo, J. R. et al., 1991.  
1994. See Trigo, J. R. et al., 1994.  
1996a. See Trigo, J. R. et al., 1996.  
1996b. See Trigo, J. R. et al., 1996.  
1996c. See Freitas, A. V. L. et al., 1996.
- Barber, Jesse R.**  
2018. See Kawahara, A. Y. et al., 2018a.  
2019. See Kawahara, A. Y. et al., 2019.
- Barbero, Francesca**  
2018. See Balletto, E. et al., 2018.
- Barbier, Michel** [1928- ]  
1970. See Vuillaume, M. et al., 1970.  
1972. Les couleurs bleues et vertes des lépidoptères, naissance et évolution d'un thème de recherche. *Alexanor* 7(7): 312-315 (6 November) [general; biochemistry]  
1974. See Choussy, M. & M. Barbier, [1974].  
1981a. See Allyn, A. C., Jr. et al., 1981.  
1981b. The status of blue-green bile pigments of butterflies, and their phototransformations. *Experientia* 37(10): 1060-1062 (15 October) [*Morpho*]  
1982. *Les phéromones: aspects biochimiques et biologiques*. Paris, Masson. [iv] + 140 pp., 43 figs., 5 tabs. [*Lycorea ceres* (Cramer)]  
1984. Progrès des recherches sur les colorations bleues et vertes des lépidoptères et leurs significations biologiques. *Alexanor* 13(5): 235-237 (20 May) [*Morpho catenarius* (Perry)]
- Barbieri, Manuel Alejandro**  
2012. See Priestap, H. A. et al., 2012.
- Barbieri, Rosa Lía**  
2007. See Fleck, T. et al., 2007.
- Barbola, Ivana de Freitas, Sebastião Laroca, Maria Christina de Almeida and Elynton Alves do Nascimento**  
2006. Floral biology of *Stachytarpheta maximiliani* Scham. (Verbenaceae) and its floral visitors. *Revista brasileira de Entomologia* 50(4): 498-504, 2 figs., 3 tabs. (31 December) [general; Brazil]
- Barbosa, Amilcar Brum**  
2010. See Santos, S. B. dos et al., 2010.
- Barbosa, Ana Angélica Almeida**  
2003. See Coelho, C. P. & A. A. A. Barbosa, 2003.
- Barbosa, Bruno Corrêa, Mariana Paschoalini, Tatiane Tagliatti Maciel and Fábio Prezoto**  
2016. Visitantes florais e seus padrões temporais de atividade em flores de *Dombeya wallichii* (Lindl.) K. Schum (Malvaceae). *Entomotropica* 31(16): 131-136, 1 fig. 1 tab. (published online 4 May) [Hesperiidae; Brazil]
- Barbosa, Douglas Rafael e Silva**  
2011. See Lima, M. S. de et al., 2011.
- Barbosa, Eduardo de Proença**  
2010. See Freitas, A. V. L. et al., 2010b.  
2011a. See Francini, R. B. et al., 2011a.  
2011b. See Silva, P. L. da et al., 2011.  
2011c. See Freitas, A. V. L. et al., 2011b.  
2012a. See Moraes, A. R. de et al., 2012.  
2012b. See Kaminski, L. A. et al., 2012b.  
2012c. See Freitas, A. V. L. et al., 2012a.  
2013a. The fruit-feeding butterfly *Pareuptychia ocirrhoe* (Nymphalidae: Satyrinae) feeding on extrafloral nectaries. *Journal of the Lepidopterists' Society* 67(1): 64-65, 1 fig. (11 March) [behavior; Brazil]  
2013b. See Giraldo, C. E. et al., 2013.  
2013c. See Freitas, A. V. L. et al., 2013.  
2014a. See Leite, L. A. R. et al., 2014.  
2014b. See Cosmo, L. G. et al., 2014.  
2015a. See Freitas, A. V. L. et al., 2015b.  
2015b. See Kaminski, L. A. et al., 2015a.  
2016a. See Freitas, A. V. L. et al., 2016a.  
2016b. See Freitas, A. V. L. et al., 2016b.  
2016c. See Freitas, A. V. L. et al., 2016d.  
2016d. See Nakahara, S. et al., 2016c.  
2017a. See Shirai, L. T. et al., 2017a.  
2017b. See Zacca, T. et al., 2017b.  
2017c. See Nakahara, S. et al., 2017.  
2017d. See Zacca, T. et al., 2017d.  
2018a. See Pyrcz, T. W. et al., 2018a.  
2018b. See Freitas, A. V. L. et al., 2018a.  
2018c. See Freitas, A. V. L. et al., 2018b.  
2018d. See Zacca, T. et al., 2018.  
2019a. See Espeland, M. et al., 2019.  
2019b. See Carvalho, M. R. M. et al., 2019.  
2019c. See Freitas, A. V. L. et al., 2019a.  
2019d. See Freitas, A. V. L. et al., 2019b.  
2019e. See Marín, M. A. et al., 2019.  
2019f. See Freitas, A. V. L. et al., 2019d.  
2019g. See Nakahara, S. et al., 2019c.
- Barbosa, Eduardo de Proença, Lucas Augusto Kaminski and André Victor Lucci Freitas**  
2010. Immature stages of the butterfly *Diaethria clymena janeira* (Lepidoptera: Nymphalidae: Biblidinae). *Zoologia (Curitiba)* 27(5): 696-702, 15 figs. (31 October) [egg, larva, pupa; host plant; behavior; Brazil]
- Barbosa, Eduardo de Proença, Mario Alejandro Marín, Carlos Eduardo Giraldo, Sandra Inés Uribe and André Victor Lucci Freitas**  
2016. Description of two new species of the Neotropical genus

- Ypthimoides* Forster, 1964 (Lepidoptera: Nymphalidae: Satyrinae) from the 'renata' clade. *Neotropical Biodiversity* 2(1): 87-98, 6 figs., 2 tabs. (published online 19 August) [*Y. blanquita*, *Y. nareta* (unavailable names); Central and South America]
2017. Corrigendum. *Neotropical Biodiversity* 3(1): iii (published online 3 October) [new species: *Ypthimoides blanquita*, *Y. nareta*; Central and South America]
- Barbosa, Eduardo de Proença, Ricardo Russo Siewert, Olaf Hermann Hendrik Mielke, Gerardo Lamas, Keith Richard Willmott and André Victor Lucci Freitas**
2018. Redescription of *Ypthimoides patricia* (Hayward, 1957), with taxonomic notes on the names *Euptychia saltuensis* Hayward, 1962 and *Ypthimoides manasses* (C. Felder & R. Felder, 1867) (Nymphalidae: Satyrinae). *Zootaxa* 4422(4): 537-557, 12 figs., 2 tabs. (25 May) [egg, larva, pupa, imago; morphology; behavior; Argentina, Bolivia, Brazil]
- Barbosa, Eduardo de Proença, Ana Kristina Silva, Márlon Paluch, Ana Maria Lima de Azeredo-Espin and André Victor Lucci Freitas**
2015. Uncovering the hidden diversity of the Neotropical butterfly genus *Ypthimoides* Forster (Nymphalidae: Satyrinae): description of three new species based on morphological and molecular data. *Organisms Diversity & Evolution* 15(3): 577-589, 10 figs., 1 tab. (September; published online 9 June) [*Y. gabriela*, *Y. bella*, *Y. iserhardi*; Brazil]
- Barbosa, Elilson de Jesus**
2014. See Jesus-Barros, C. R. de et al., 2014.
- Barbosa, José Carlos**
1993. See Boiça Junior, A. L. et al., 1993.
1999. See Lara, F. M. et al., 1999.
2018. See Oliveira, T. A. de et al., 2018.
- Barbosa, Karlla Vanessa de Camargo, and Thiago Vernaschi Vieira da Costa**
2013. Notes on the morphology and larval development of *Methona themisto* (Hübner, 1818) (Lepidoptera: Nymphalidae: Ithomiini) from southeastern Brazil. *Journal of Research on the Lepidoptera* 46: 67-74, 6 figs. (31 December; published online 28 October) [egg, larva, pupa, imago; host plant]
- Barbosa, Leonardo Rodrigues**
2018. See Tavares, W. de S. et al., 2018.
- Barbosa, Luiz Cláudio de Almeida**
2000. See Paula, V. F. de et al., 2000.
2001. See Paula, V. F. de et al., 2001.
2004. See Moreira, M. D. et al., 2004.
2008. See Paula, V. F. de et al., 2008.
2017. See Mairink, S. Z. et al., 2017.
2018. See Ribeiro, A. V. et al., 2018.
- Barbosa, Pedro**
2005. See Stireman, J. O., III et al., 2005.
- Barbosa, Queila Patrícia da Silva**
2014. See Ramos, C. S. et al., 2014.
- Barbosa, Veralucia Santos, Inara Roberta Leal, Luciana Iannuzzi and Jarcliene Almeida-Cortez**
2005. Distribution pattern of herbivorous insects in a remnant of Brazilian Atlantic forest. *Neotropical Entomology* 34(5): 701-711, 4 figs., 1 tab. (September-October) [Lycaenidae]
- Barbosa-Pereira, Mônica Josene**
2002. See Peña, J. E. et al., 2002.
- Barbour, Thomas** [1884-1946]
1946. *A naturalist in Cuba*. Boston, Little, Brown and Company. x + 317 pp., pls. [first published in November 1945] [general]
- Barbulescu, Elena, and Joan M. Staniou**
1979. *Fluturi exotici*. Bucuresti, Editura Stiintifica si Enciclopedica. 168 pp., 60 pls., 19 figs., 3 maps. [general; Neotropics]
- Barbut, Jérôme**
2015. *Lépidoptères nocturnes*, pp. 103-105, figs., 1 tab. In: Pascal, O., J. Touroult & P. Bouchet (Eds.), *Expédition La Planète Revisitée Guyane 2014-15. Synthèse des premiers résultats*. Paris, Muséum National d'Histoire Naturelle (December) [Hedylidae]
- Barcant, Malcolm Gerard** [1913-1986]
1970. *Butterflies of Trinidad and Tobago*. London, Collins. 314 pp., 28 pls., 4 figs. [general; ecology; behavior; host plants; life histories; distribution]
1975. Tropical butterflies. *Caribbean Tempo* 3(1): 10-15, figs. [general; Trinidad]
- [1979?]. *The history of the Angostura-Barcant butterflies*. [Port-of-Spain], Author. [4] pp. [general; Trinidad]
1981. Breeding experiments with *Morpho peleides insularis* (Lepidoptera: Nymphalidae) in Trinidad, W. I. *Journal of the New York entomological Society* 89(2): 80-88, 13 figs., 2 tabs. (24 September) [*M. achilles amazonica* Fruhstorfer, *M. achillaena* (Hübner); host plants; hybridization experiments; Brazil]
1982. Two new subspecies of Heliconiinae (Lepidoptera: Nymphalidae) from Tobago, West Indies. *Bulletin of the Allyn Museum* 68: 1-5, 4 figs. (19 March) [*Heliconius erato tobagoensis*, *H. melpomene tessa*]
- Barcant, Malcolm Gerard, and Brian Coles**
1972. *Entomological work*, pp. 53-58. In: *Cambridge expedition to Guyana. A report. 1971*. [Cambridge, University of Cambridge]. iv + 60 pp., 1 map. [general; behavior]
- Barclay, Maxwell V. L.**
2012. Beetling about. Collecting in Peru. *Evolve* (London) 11: 48-51, figs. [general]
- Bargmann, Rudolf**
- 1928a. Eine neue *Nessaea*. *Nessaea thalia* nov. spec. m. *Lepidopterologische Rundschau* 2(18): 184 (20 September) [general; Colombia]
- 1928b. *Anaea rosae* Fassl forma *flora* Bargm. subsp. nova. *Lepidopterologische Rundschau* 2(19): 196 (5 October) [Colombia]
- 1928c. *Hyposcada evanides* f. *neustetteri* m. n. *Lepidopterologische Rundschau* 2(21): 212 (5 November) [Colombia]
- 1928d. Neue exotische Falter. *Lepidopterologische Rundschau* 2(22): 223-224 (20 November), (23): 234-236 (5 December) [general; *Leucothyris daguana*, *Siderone nemesis* form *leonora*, *Catagramma denina* form *daguana*, *Taygetis virgilia* form *daguana*, *T. andromeda* form *isis*, *T. nymphosa*, *Adelpha pseudomessana* form *paula*, *Phyciodes mechanitis* form *daguana*; Colombia]
- 1929a. Neue exotische Falter. *Entomologischer Anzeiger* 9(2): 32-38 (20 January) [general; *Ithomia hyala* form *sincerus*, *Ceratinia decumana robertus*, *Hypoleria vanilia* form *daguana*, *Leucothyris faunula*, *Taygetis erubescens* aberration *pseudorufomarginata*, *Anaea threnodion*, *A. pithyusa* form *daguana*, *A. morvus* form *analis*, *Siderone thebais* form *exacta*, *Entheus quadratus*, *Pyrrhogyra neaerea* form *daguana*, *P. crameri* form *undine*, *Catagramma aegina* form *cantinelina*, *Dismorphia sororna* form *thecla*, *D. amphione* form *daguana*, *Anaea drucei* form *apicalis*; Colombia]
- 1929b. *Melinaea lilis imitata* f. *erica* m. n. *Entomologischer Anzeiger* 9(7): 141 (5 April) [Colombia]
1930. *Lemonias thara* Hew., forma *krugeri* Bgm. *Internationale entomologische Zeitschrift* 24(31): 331 (15 November)

[Colombia]

**Barish, Leo**

1999. Mysteries of a butterfly wing. *Microscope* (Chicago) 47(2): 79-92, 36 figs. [Morpho]

**Barker, Michael S.**

2015. See Edger, P. P. et al., 2015.

**Barker, Nigel P.**

2011. See Price, B. W. et al., 2011.

**Barker, Sarah L.**

2016. See Davey, J. W. et al., 2016.

2017a. See Pinharanda, A. L. et al., 2017.

2017b. See Davey, J. W. et al., 2017.

2019. See Merrill, R. M. et al., 2019.

**Barkin, David**

1995. See Chapela, G. & D. Barkin, 1995.

1999. *Dos milagros: monarcas y campesinos*, pp. 205-210. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]

2003. Alleviating poverty through ecotourism: Promises and reality in the Monarch Butterfly Reserve of Mexico. *Environment, Development and Sustainability* 5(3): 371-382 (September) [*Danaus plexippus* (Linnaeus); conservation]

**Barlow, Bernard Josiah**

2008. See Gardner, T. A. et al., 2008.

**Barlow, Bernard Josiah, Ivanei Souza Araújo, William Leslie Overal, Toby Alan Gardner, Fernanda da Silva Mendes, Iain R. Lake and Carlos Augusto da Silva Peres**

2008. Diversity and composition of fruit-feeding butterflies in tropical *Eucalyptus* plantations. *Biodiversity and Conservation* 17(5): 1089-1104, 2 figs., 3 tabs. (May; published online 12 October 2007) [reprinted in Brockerhoff, E.G., H. Jactel, J.A. Parrotta, C.P. Quine, J. Sayer & D.L. Hawksworth (Eds.), *Plantation forests and biodiversity: Oxymoron or opportunity?*, pp. 165-180. Dordrecht, Springer; 2009] [general; Brazil]

**Barlow, Bernard Josiah, Toby Alan Gardner, Ivanei Sousa Araújo, Teresa Cristina Ávila-Pires, Alexandre Bragio Bonaldo, Joana Cristina Evangelista Costa, Maria Cristina Esposito, Leandro Valle Ferreira, Joseph Edward Hawes, Malva Isabel Medina Hernández, Marinus Steven Hoogmoed, Rafael do Nascimento Leite, Nancy França Lo-Man-Hung, Jay R. Malcolm, Marlucia Bonifacio Martins, Luiz Augusto Macedo Mestre, Ronildon Miranda-Santos, Ana Lúcia Nunes-Gutjahr, William Leslie Overal, Luke Thomas Wyn Parry, Sandra L. Peters, Marco Antônio Ribeiro-Junior, Maria Nazareth Ferreira da Silva, Catarina da Silva Motta and Carlos Augusto da Silva Peres**

2007a. Quantifying the biodiversity value of tropical primary, secondary, and plantation forests. *Proceedings of the national Academy of Sciences of the United States of America* 104(47): 18555-18560, 4 figs. (20 November) [Nymphalidae; Brazil]

**Barlow, Bernard Josiah, William Leslie Overal, Ivanei Sousa Araújo, Toby Alan Gardner and Carlos Augusto da Silva Peres**

2007b. The value of primary, secondary and plantation forests for fruit-feeding butterflies in the Brazilian Amazon. *Journal of Applied Ecology* 44(5): 1001-1012, 5 figs., 4 tabs. (October; published online 7 July) [general]

**Barlow, Karen**

2006. See Joron, M. et al., 2006b.

**Barnes, Matthew J. C.**

1988a. Some aspects of Jamaica's butterflies and moths. *Jamaica Journal* 21(2): 56-60, 8 figs. (May-July) [general]

1988b. Notes from Jamaica. *News of the Lepidopterists' Society* 1988(4): 59-60 (July-August) [*Papilio homerus* Fabricius, *Calisto zangis* (Fabricius), *Mestra dorcas* (Fabricius); conservation]

1998. If you want to collect in Central America, you better Belize it. *News of the Lepidopterists' Society* 40(4): 75-76, 1 map [general; Belize]

**Barnes, William [1860-1930], and Foster Hendrickson Benjamin**

1926a. A resumé of the works of Jacob Hübner in regard to the nomenclature employed therein. *Proceedings of the entomological Society of Washington* 28(4): 86-92 (21 April) [general]

1926b. Types of North American Lepidoptera in the Natural History Museum, Vienna. *Entomological News* 37(5): 139-140 (4 May) [general]

**Barnes, William, and Arthur Ward Lindsey**

1921. On some species of *Hesperia* (Lepid., Hesperidae). *Entomological News* 32(3): 78-80 (7 March) [general]

1922. A review of some generic names in the order Lepidoptera. *Annals of the entomological Society of America* 15(1): 89-99 ("March", [19 April]) [general]

**Barnes, William, and James Halliday McDunnough**

1912. Revision of the Megathymidae. *Contributions to the natural History of the Lepidoptera of North America* 1(3): 1-45, [1] + 6 pls. (1 February) [general; new subspecies: *Mega-thymus streckeri texana*; Mexico, Central America]

1916. Notes on North American diurnal Lepidoptera. *Contributions to the natural History of the Lepidoptera of North America* 3(2): 49-152, pls. 4-11 (5 December) [general; Mexico]

**Barnett, Adrian A.**

2000. Copy your neighbor. *New Scientist* 167(2255): 34-37, figs. (9 September) [Ithomiinae; mimicry; Ecuador]

2019. See Negreiros, A. A. et al., 2019.

**Barona, Marco Tulio**

1972. See Tello, R. & M. T. Barona, 1972.

**Barone, John A.**

1996. See Coley, P. D. & J. A. Barone, 1996.

1998. Host-specificity of folivorous insects in a moist tropical forest. *Journal of animal Ecology* 67(3): 400-409, 3 figs., 4 tabs. (May) [Hesperiidae, Nymphalidae; Panama]

2000. Comparison of herbivores and herbivory in the canopy and understory for two tropical species. *Biotropica* 32(2): 307-317, 3 figs., 2 tabs. (June) [*Adelpha*; host plant; Panama]

2005. See Stireman, J. O., III et al., 2005.

2011. See Laurance, W. F. et al., 2011.

**Barônio, Guryan Jackson**

2013. See Alves-Silva, E. et al., 2013.

**Barp, Elisete Ana**

2012. See Schmidt, D. G. et al., 2012.

2018. See Silva, D. S. da et al., 2018.

**Barp, Elisete Ana, Geraldo Luiz Gonçalves Soares, Érica Jaqueline de Melo Giani, Daniela Rodrigues and Gilson Rudinei Pires Moreira**

2011. Variation in nectar and pollen availability, sucrose preference, and daily response in the use of flowers by *Heliconius erato phyllis*. *Journal of Insect Behavior* 24(3): 200-219, 7 figs., 1 tab. (May; published online 1 December 2010) [Brazil]

**Barquero, Juan Diego**

2019. See Murillo, L. R. et al., 2019.

**Barr, Kenneth**



2018. See Westerman, E. L. et al., 2018.
- Barragán, Álvaro Rodrigo**  
2009a. See Dangles, O. et al., 2009.  
2009b. See Checa, M. F. et al., 2009.
- Barragán, Álvaro Rodrigo, and Carlos Carpio**  
2008. *Plantas como alimento de invertebrados útiles*, pp. 76-79, 2 tabs. In: Torre, L. de la, H. Navarrete, P. Muriel, M. J. Macía & H. Balslev (Eds.), *Enciclopedia de las plantas útiles del Ecuador*. Quito, Pontificia Universidad Católica del Ecuador; Aarhus, Universidad de Aarhus. [general; host plants; Ecuador]
- Barragán, Álvaro Rodrigo, Olivier Dangles, Rafael Enrique Cárdenas and Giovanni Onore**  
2009. The history of Entomology in Ecuador. *Annales de la Société entomologique de France* (N.S.) 45(4): 410-423, 9 figs. (24 December) [general]
- Barranca, José Sebastián** [1830-1909]  
1892. *Memorandum de los productos naturales peruanos que proceden de los tres reinos con indicación de las especies y grupos típicos de los animales, vegetales y minerales que los suministran*. Lima, Imprenta Liberal de F. Masías y Compañía. 56 pp. [general]
- Barranco-León, María de las Nieves, Florencio Luna-Castellanos, Carlos H. Vergara and Ernesto I. Badano**  
2016. Butterfly conservation within cities: a landscape scale approach integrating natural habitats and abandoned fields in central Mexico. *Tropical Conservation Science* 9(2): 607-628, 4 figs. (27 June) [general]
- Barrat, John**  
2004. Smithsonian scientists discover new butterfly species trapped in 20 million-year-old amber. *Inside Smithsonian Research* 4: 13, 1 fig. [*Voltinia dramba* Hall, Robbins & Harvey; Dominican Republic]
- Barreau, Alain**  
1977. See Sellier, R. & A. Barreau, 1977.
- Barrera, Alfredo** [1926-1980]  
1940. See Thompson, S. C. et al., 1940.  
1970. La fauna de México. *Artes de México* 17(130): 3-22, figs. [general]  
1981. See Díaz-Batres, M. E. E. & A. Barrera, 1981.
- Barrera, Alfredo, and María Eugenia Elsa Díaz-Batres**  
1977. Distribución de algunos lepidópteros de la Sierra de Nanchititla, México, con especial referencia a *Tisiphona maculata* Hpff. (Ins.: Lepid.). *Revista de la Sociedad mexicana de Lepidopterología* 3(1): 17-28, 2 figs., 2 maps, 3 tabs. (1 June) [general; ecology]
- Barrera, Alfredo, and Anita Hoffmann**  
1981. Notas sobre la interpretación de los artrópodos citados en el Tratado Cuarto, Historia de los Insectos de Nueva España, de Francisco Hernández. *Folia entomologica mexicana* 49: 27-34 (November) [*Papilio* sp.; Mexico]
- Barrera, Verónica Daniela**  
2012. See Viesca, F. C. et al., 2012.  
2013. See Ramos, B. et al., 2013a.
- Barrère, Pierre** [1690-1755]  
1741. *Essai sur l'Histoire Naturelle de la France Equinoxiale. Ou dénombrement des plantes, des animaux, & des minéraux, qui se trouvent dans l'isle de Cayenne, les isles de Remire, sur les côtes de la mer, & dans le continent de la Guyane. Avec leurs noms differens, Latins, François, & Indiens, & quelques observations sur leur usage dans la médecine & dans les arts*. Paris, Piget. [i]-xxiv, [1]-215 + [7] pp. (after 14 June) [Ed., 1749] [general]
- Barreto, Mariana Araújo**  
2016. See Seraphim, N. et al., 2016.
- Barreto, Marliton Rocha, and Leonir Antunes Pezzini**  
2015. *Diversidade de insetos capturados com armadilha luminosa*, pp. 111-123, 2 pls., 2 tabs. In: Rodrigues, D. de J., J. da C. de Noronha, V. F. Vindica & F. R. Barbosa (Eds.), *Biodiversidade do Parque Estadual Cristalino*. Sinop, Áttema Editorial. [general; Brazil]
- Barrett, Otis Warren** [1872-1950]  
1898. Collecting in the Tierra Caliente. *Entomological News* 9(6): 146-148 ("June", [31 May]) [general; Mexico]  
1900a. Description of *Papilio electryon*. *Entomological News* 11(4): 428 ([4] April) [Mexico]  
1900b. Some notes on the "Cambridge Natural History, Vol. VI". *Canadian Entomologist* 32(8): 234-236 (5 October) [review; *Doberes mexicanus* (C. Felder & R. Felder); larva; pupa; behavior; Mexico]  
1900c. Some strange habits. *Entomological News* 11(9): 600-601 ([2] November) [general; behavior; Mexico]  
1902. Cheap tropical American butterflies. *Entomological News* 13(8): 238-240 ([4] October) [general]  
1903. Tropical Butterflies. *Entomological News* 14(3): 90 ([6] March) [general]
- Barrett, Spencer C. H.**  
1992. See Husband, B. C. & S. C. H. Barrett, 1992.
- Barría, Gerardo**  
1972. See Peña, Luis E. & G. Barría, 1972.
- Barribeau, Seth M.**  
2012. See Lyons, J. I. et al., 2012.
- Barrientos, José**  
2015a. See Grados, J. et al., 2015a.  
2015b. See Grados, J. et al., 2015b.
- Barrientos, Rodolfo**  
1958. See Herrera, J. V. et al., 1958.
- Barriga, Juan E.**  
2009. See Pizarro, J. et al., 2009.
- Barriga, Pablo**  
[2004]. See Díazgranados, M. et al., [2004].
- Barrios, Héctor E.**  
2003a. See Basset, Y. et al., 2003.  
2003b. *Insect herbivores feeding on conspecific seedlings and trees*, pp. 282-290, 4 tabs. In: Basset, Y., V. Novotny, S. E. Miller & R. L. Kitching (Eds.), *Arthropods of tropical forests. Spatio-temporal dynamics and resource use in the canopy*. Cambridge, Cambridge University Press. [Nymphalidae; Panama]  
2010. See Santos, A. et al., [2010].  
2015. See Basset, Y. et al., 2015.  
2017. See Basset, Y. et al., 2017.
- Barrios, Mercedes Violeta**  
2009. See Salinas, J. L. et al., 2009.  
2012. See Salinas, J. L. et al., 2012.  
2018. See Yoshimoto, J. et al., 2018.  
2019. See Yoshimoto, J. et al., 2019.
- Barrios, Mercedes Violeta, Claudio Méndez and George Traut Austin**  
2006. *Las Hesperiidae (Lepidoptera: Hesperiidae) de Guatemala*, pp. 431-439, 1 fig., 3 tabs. In: Cano, E. (Ed.), *Biodiversidad de Guatemala*. Guatemala, Universidad del Valle de Guatemala. 1. [general]
- Barrios, Renny**  
2009. See Rodríguez, G. et al., 2009a.  
2011. See Rodríguez, G. et al., 2011.  
2012a. See Rodríguez, G. et al., 2012a.  
2012b. See Rodríguez, G. et al., 2012b.
- Barrios, Yeni, Nelson Luis Ramírez, Eduardo Ramírez, Eduardo Sánchez and Rogelio del Castillo**  
2010. Importancia de los polinizadores en la reproducción de seis especies de subpáramo del Pico Naiguatá (Parque

- Nacional El Ávila-Venezuela). *Acta botanica venezolica* 33(2): 213-231, 1 fig., 5 tabs. (December) [*Vanessa braziliensis* (Moore)]
- Barro, Alejandro** [1972- ]  
 2003. See Núñez, R. & A. Barro, 2003.  
 2010. See Madruga, O., and A. Barro, 2010.  
 2011a. See Madruga, O. & A. Barro, 2011.  
 2011b. See Núñez, R. & A. Barro, 2011a.  
 2011c. See Pérez, M. et al., 2011.  
 2011d. See Núñez, R. & A. Barro, 2011b.  
 2011e. See Azor, L. & A. Barro, 2011.  
 2012. See Núñez, R. & A. Barro, 2012.  
 2013. See Marrero, L. & A. Barro, 2013.  
 2014. See Azor, L. & A. Barro, 2014.  
 2016. See Núñez, R. & A. Barro, 2016.  
 2017a. See Lastra-Valdés, J. & A. Barro, 2017.  
 2017b. See Saladrigas, D. & A. Barro, 2017.  
 2019. See Núñez, R. et al., 2019.
- Barro, Alejandro, and Rayner Núñez**  
 2011a. *Introducción a los lepidópteros de Cuba*, pp. 8-19, figs. 1-32. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba*. Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [general; history]  
 2011b. *Diversidad, endemismo y conservación*, pp. 54-59, figs. 131-144, tab. 1. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba*. Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [general]  
 2011c. *Esfingidos y otras polillas afines*, pp. 102-113, figs. 282-305. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba*. Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [Hedylidae]
- Barro, Alejandro, Rayner Núñez and Krys Rodríguez**  
 2004. *The Lepidoptera of plant formations on Cuban ultramafics: a preliminary analysis*, pp. 223-226, 3 tabs. In: Boyd, R. S., A. J. M. Baker & J. Proctor (Eds.), *Ultramafic rocks. Their soils, vegetation and fauna*. St. Albans, Science Reviews 2000 Ltd. [general]
- Barrón, Rosario Melina**  
 2013. See Rodríguez, A. et al., 2013.  
 2017. See Rodríguez, A. et al., 2017.
- Barros, Cláudia Fonseca**  
 2017. See Câmara, J. T. et al., 2017.
- Barros, Marcelo Pereira de**  
 2011. See Pedrotti, V. S. et al., 2011.
- Barros, Muryel Furtado de**  
 2016. See Souza, C. S. de et al., 2016.
- Barros, R. L.**  
 2004. See Ruszczyk, A. et al., 2004.
- Barros, Neiva Monteiro de**  
 2015. See Formentini, A. C. et al., 2015.
- Barros, Sergio**  
 1951. Dos casos de melanismo en ropalóceros chilenos. *Revista chilena de Entomología* 1: 281, 2 figs. (27 December) [*Tatochila mercedis* (Eschscholtz), *Argynnis dexamene* (Boisduval)]
- Barros, Wagner Ricardo Santos, and Iracilda Maria de Moura Lima**  
 2004. Desenvolvimento pré-imaginal de *Eueides isabella dianasa* (Hübner) (Lepidoptera, Nymphalidae, Heliconiinae) em folhas de *Passiflora edulis* L. (Passifloraceae). *Revista brasileira de Entomologia* 48(1): 69-75, 4 figs., 3 tabs. (31 March) [life history; host plant; Brazil]
- Barros-Bellanda, Helen Christina Habenchus, and Fernando Sérgio Zucoloto**  
 1999. Performance and host preference of *Ascia monuste* (Lepidoptera, Pieridae). *Journal of insect Physiology* 45(1): 7-14, 2 figs., 3 tabs. (January) [host plants; Brazil]
2001. Influence of chorion ingestion on the performance of *Ascia monuste* and its association with cannibalism. *Ecological Entomology* 26(6): 557-561, 4 tabs. (December) [host plant; Brazil]
2002. Effects of intraspecific competition and food deprivation on the immature phase of *Ascia monuste orseis* (Lepidoptera, Pieridae). *Iheringia (Zoologia)* 92(1): 93-98, 1 tab. (31 March) [host plant; Brazil]
2003. Importance of larval migration (dispersal) for the survival of *Ascia monuste* (Godart) (Lepidoptera: Pieridae). *Neotropical Entomology* 32(1): 11-17, 2 figs., 3 tabs. (January-March) [behavior; host plants; Brazil]
2005. Egg cannibalism in *Ascia monuste* in the field; opportunistic, preferential and very frequent. *Journal of Ethology* 23(2): 133-138, 3 figs. (July) [host plant; Brazil]
- Barrows, Edward M.**  
 1976. Nectar robbing and pollination of *Lantana camara* (Verbenaceae). *Biotropica* 8(2): 132-135, 2 figs. (June) [general; Costa Rica]
- Barselou, Paul E.**  
 1983. *The genus Agrias. A taxonomic and identification guide. (Lepidoptera Nymphalidae)*. Compiègne, Sciences Nat. 96 pp., 15 pls. (April) [general]
- Barsh, Gregory S.**  
 2012. See Kronforst, M. R. et al., 2012.
- Bartel, Rebecca A., Karen Suzanne Oberhauser, Jacobus C. de Roode and Sonia M. Altizer**  
 2011. Monarch butterfly migration and parasite transmission in eastern North America. *Ecology* 92(2): 342-351, 1 pl., 4 figs. (February) [*Danaus plexippus* (Linnaeus); Mexico]
- Barten, Frans**  
 2017. See Gernaat, H. B. P. E. et al., 2017.  
 2019. See Gernaat, H. B. P. E. et al., 2019.
- Barth, Friedrich G.** [1940- ]  
 1985. *Insects and flowers. The biology of a partnership*. Princeton, Princeton University Press. ix + 299 pp., 40 pls., 97 figs. [Ed. 1 in German, 1982] [general; pollination]
- Barth, Rudolf** [1913-1978]  
 1950. Die maennlichen Duftorgane von *Papilio polystictus* Btlr. und *proneus* Hbn. (Lepidoptera), zugleich ein Beitrag zum feineren Bau der Duftscluppen. *Revista de Entomologia (Rio de Janeiro)* 21(3): 513-535, 16 figs. (30 December) [anatomy; histology; Brazil]
- 1952a. Die Hautdrüsen des Männchens von *Opsiphanes invirae isagoras* Fruhst. (Lepidoptera, Brassolidae). *Zoologischer Jahrbücher (Anatomie)* 72(2): 216-230, 11 figs., 1 tab. (28 June) [Brazil]
- 1952b. Os órgãos odoríferos masculinos de alguns Heliconiinae do Brasil. *Memórias do Instituto Oswaldo Cruz (Rio de Janeiro)* 50: 335-422, 25 figs., 2 tabs. (March) [general; anatomy]
- 1952c. Estudos sôbre os órgãos odoríferos de alguns Hesperidae [sic] brasileiros. *Memórias do Instituto Oswaldo Cruz (Rio de Janeiro)* 50: 423-556, 47 figs., 1 tab. (March) [general; anatomy]
- 1953a. Considerações gerais sôbre os órgãos odoríferos sexuais dos machos dos lepidópteros. *Memórias do Instituto Oswaldo Cruz (Rio de Janeiro)* 51: 187-198, 2 figs., 2 tabs. (December) [general; Brazil]
- 1953b. O órgão odorífero abdominal do macho de *Caligo arisbe* Hbn. (Lepidoptera, Brassolidae). *Memórias do Instituto Oswaldo Cruz (Rio de Janeiro)* 51: 203-226, 8 figs. (December) [anatomy; histology; physiology; Brazil]
- 1955a. Estudo sôbre os órgãos odoríferos de alguns Hesperidae [sic] brasileiros. 2a. parte: Estudos histológicos. *Memórias do Instituto Oswaldo Cruz (Rio de Janeiro)* 52(2): 261-285, 17 figs. ("1954", September 1955) [general]

- 1955b. Beitrage zur Kenntnis der Feinbau der Lepidopteren-Schuppen. *Anais da Academia brasileira de Ciências* (Rio de Janeiro) 27(4): 547-556, 35 figs. (31 December) [general; Brazil]
1957. A fauna do Parque Nacional do Itatiaia. *Boletim. Parque nacional do Itatiaia* 6: v + 149 pp., 39 figs., 2 maps. [general; Brazil]
- 1958a. Contribuição ao conhecimento das células glandulares dos insetos. *Anais da Academia brasileira de Ciências* (Rio de Janeiro) 29(3): 465-472, 13 figs., 1 tab. ("30 September 1957", 1958) [*Caligo arisbe* Hübner, *Opsiphanes isagoras* Fruhstorfer; histology; Brazil]
- 1958b. Estímulos químicos como meio de comunicação entre os sexos em lepidópteros. *Anais da Academia brasileira de Ciências* (Rio de Janeiro) 30(3): 343-362 (30 September) [general; anatomy; histology; behavior]
- 1960a. Maennliche Duftorgane brasilianischer Lepidopteren. 23. Mitteilung: Vergleichende Betrachtung der Duftschuppen verschiedener Pieriden. *Anais da Academia brasileira de Ciências* (Rio de Janeiro) 32(2): 281-298, 30 figs. (30 June) [general]
- 1960b. Órgãos odoríferos dos lepidópteros. *Boletim. Parque nacional do Itatiaia* 7: 1-159, 48 figs., 4 tabs. [general; histology, anatomy, physiology]
1962. Aspectos zoogeográficos do Brasil. *Revista brasileira de Geografia* 24(1): 79-104, 15 figs. (January-March) [general]
1980. Considerações gerais e específicas sobre as glândulas cutâneas sexuais dos lepidópteros [sic]. *Memórias do Instituto Oswaldo Cruz* 75(3/4): 129-140, 6 figs. (July-December) [general; morphology]
- Bartholomew, Duane P.**  
2002. See Petty, G. J. et al., 2002.
- Barthou, Carlos**  
2011. See Van Hooijdonk, E. et al., 2011.
- Bartlett, Albert William** [1875-1943]  
1905. [Report on a caterpillar causing damage to coconuts and other palms]. *The Official Gazette of British Guiana* 22(36): 968-970 (28 October) [*Brassolis sophorae* (Linnaeus); egg, larva, pupa, imago; host plants; parasitoids; Guyana]
- Bartlett-Calvert, William** [1856- ?]  
1886. Catálogo de los lepidópteros rhopalóceros i heteróceros de Chile. *Anales de la Universidad de Chile* 69: 311-352 (March) [general]
1888. A new species of *Cyclopides* from Chile. *Entomologist's monthly Magazine* 25(290): 34 (July) [*C. puelmae*]
1890. *Descripción de algunos nuevos lepidópteros de Chile*. Santiago de Chile, Imprenta Ercilla. 16 pp., 1 pl. (September) [*Cyclopides puelmae* Calvert]
1893. Nuevos lepidópteros de Chile. *Anales de la Universidad de Chile* 84(17): 813-834, pls. 1-2 (September) [*Scolitantides andina*]
1898. Catálogo revisado de los lepidópteros de Chile. *Revista chilena de Historia natural* 2(7): 97-101 (July), (9): 114-117 (September) [general]
1900. Como i donde se buscan mariposas. *Revista chilena de Historia natural* 4(3): 32-39 (March) [general; host plants; Chile]
- Bartley, Jeremy**  
2002. See Peterson, A. T. et al., 2002.
- Bartoloni, Norberto H.**  
2002. See Medan, D. et al., 2002.
- Barton, Nicholas H.**  
1988. *Speciation*, pp. 185-218, 5 figs. In: Myers, A. A. & P. S. Giller (Eds.), *Analytical Biogeography*. London, Chapman & Hall. [*Heliconius*]
- 1989a. See Mallet, J. L. B. & N. H. Barton, 1989a.  
1989b. See Mallet, J. L. B. & N. H. Barton, 1989b.  
1990. See Mallet, J. L. B. et al., 1990.
- Barton, Nicholas H., and Godfrey M. Hewitt**  
1985. Analysis of hybrid zones. *Annual Review of Ecology and Systematics* 16: 113-148, 4 figs., 2 tabs. [*Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus); Panama, Colombia]
- Bartra, Carlos E.**  
1981. Orugas o perro del naranjo. *La Hormiga* (Tingo María) 1(5): 7-8, figs. (July) [*Papilio* spp.; life histories; host plants; Peru]
- Bartsch, Daniel**  
2003. See Häuser, C. L. et al., 2003.  
2008a. See Häuser, C. L. et al., 2008.  
2008b. See Fiedler, K. et al., 2008.  
2011. See Nieuwenkerken, E. J. van et al., 2011.
- Barve, Narayani, Alvin J. Bonilla, Julia Brandes, J. Christopher Brown, Nathaniel Brunzell, Ferdouz V. Cochran, Rebecca J. Crosthwait, Jodi Gentry, Laci M. Gerhart, Trish Jackson, Anna J. Kern, Karen Suzanne Oberhauser, Hannah Lois Owens, Andrew Townsend Peterson, Alexis S. Reed, Jorge Soberón, Adam D. Sundberg and Linda M. Williams**  
2012. Climate-change and mass mortality events in overwintering monarch butterflies. *Revista mexicana de Biodiversidad* 83(3): 817-824, 4 figs., 1 tab. (October) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Basaldúa, Delia R. de**  
1968. See Crouzel, I. S. de et al., 1968.
- Báscones, Luis, David Julio Rincón, Ernesto José Doreste, Mario Cermeli, José A. González, Federico Dao, P. Reixach, Luis Marcano and J. Silva**  
1962. Hortalizas. *Servicio Shell para el Agricultor* (Cagua, Aragua, Venezuela) (A) 18: 95 pp., figs. (June) [*Pieris aripe* Boisduval, *P. monuste* (Linnaeus); life histories; Venezuela]
- Basham, Benton, Janet Rathjen, Edward C. Knudson, Charles William Bordelon, Jr. and Andrew David Warren**  
2005. *Heliopyrgus sublinea* (Hesperiidae, Pyrginae): A new record for Texas and the United States. *News of the Lepidopterists' Society* 47(1): 8-10, 6 figs. (1 April) [distribution; Mexico]
- Basilio Alicia M., and Diego Medan**  
2002. Pollinator assemblages of *Colletia spinosissima* (Rhamnaceae): composition, behavior, and specificity. *Phyton* (Buenos Aires) 2001: 125-139, 1 fig., 4 tabs. [general; Argentina]
- Basset, Yves**  
1992. Host specificity of arboreal and free-living insect herbivores in rain forests. *Biological Journal of the Linnean Society* 47(2): 115-133 (October) [*Heliconius*]
1999. Diversity and abundance of insect herbivores foraging on seedlings in a rainforest in Guyana. *Ecological Entomology* 24(3): 245-259, 6 figs., 7 tabs. (August) [Lycaenidae, Hesperiididae]
2013. See Merckx, T. et al., 2013.
- Basset, Yves, Héctor E. Barrios, José Alejandro Ramírez, Yacksecari López, James Coronado, Filonila Pérez, Stephany Arizala, Ricardo Bobadilla and Maurice Leponcy**  
2017. Contrasting the distribution of butterflies and termites in plantations and tropical forests. *Biodiversity and Conservation* 26(1): 151-176, 4 figs., 4 tabs. (January; published online 17 October 2016) [general; Panama]
- Basset, Yves, Héctor E. Barrios, Simon Segar, Robert Baxter**

- Srygley, Annette Aiello, Andrew David Warren, Francisco Delgado, James Coronado, Jorge Lezcano, Stephany Arizala, Marleny Rivera, Filonila Pérez, Ricardo Bobadilla, Yacksecari López and José Alejandro Ramírez**
2015. The butterflies of Barro Colorado Island, Panama: Local extinction since the 1930s. *PLoS ONE* 10(8)(e0136623): 1-22, 4 figs., 2 tabs. (25 August) [general]
- Basset, Yves, and Elroy Charles**
2000. An annotated list of insect herbivores foraging on the seedlings of five forest trees in Guyana. *Anais da Sociedade entomológica do Brasil* 29(3): 433-452 (September) [Hesperiidae, *Thestius pholeus* (Cramer), *Chalybs janias* (Cramer); host plants]
- Basset, Yves, Rodney Eastwood, Legi Sam, David J. Lohman, Vojtech Novotny, Tim Treuer, Scott Everett Miller, George D. Weiblen, Naomi E. Pierce, Sarayudh Bunyavejchewin, Watana Sakchoowong, Pitoon Kongnoo and Miguel Ángel Osorio-Arenas**
2011. Comparison of rainforest butterfly assemblages across three biogeographical regions using standardized protocols. *Journal of Research on the Lepidoptera* 44: 17-28, 2 figs., 2 tabs. (31 December; published online 4 May) [general; Panama]
2013. Cross-continental comparisons of butterfly assemblages in tropical rainforests: implications for biological monitoring. *Insect Conservation and Diversity* 6(3): 223-233, 3 figs., 2 tabs. (May; published online 10 April 2012) [general; Panama]
- Basset, Yves, Peter M. Hammond, Héctor E. Barrios, Jeremy Daniel Holloway and Scott Everett Miller**
2003. *Vertical stratification of arthropod assemblages*, pp. 17-27. In: Basset, Y., V. Novotny, S. E. Miller & R. L. Kitching (Eds.), *Arthropods of tropical forests. Spatio-temporal dynamics and resource use in the canopy*. Cambridge, Cambridge University Press. [general]
- Basset, Yves, Neil D. Springate and Elroy Charles**
2005. *Folivorous insects in the rainforests of the Guianas*, pp. 295-320, 3 tabs. In: Hammond, D. S. (Ed.), *Tropical forests of the Guiana Shield. Ancient forests in a modern world*. Wallingford, CABI Publishing. [general; Guyana, Surinam, French Guiana]
- Bastardo, Ruth Hortensia**
2011. See Pérez-Gelabert, D. E. et al., 2011.
2012. Nuevas localidades para *Greta diaphanus quisqueya* (Fox, 1963) y *Papilio demoleus* Linnaeus, 1758 (Lepidoptera, Papilionoidea) en la Hispaniola. *Novitates caribaea* 5: 103-109, 2 figs. (July) [host plants; Haiti, Dominican Republic]
2014. See Rodríguez, K. et al., 2014.
2017. See Pérez-Asso, A. R. et al., 2017.
- Bastida, Rodolfo José [1929-1997], Norbert Claassen, Pedro J. Rodríguez, Fernando Morales, Josefa Aubá de García and Josué D. Fernández**
1976. *Coco*. [Caracas], Fusagri-Foncopal (Serie A, No. 40), 96 pp., figs. [*Brassolis sophorae* (Linnaeus), *Opsiphanes cassina* C. Felder & R. Felder, *O. tamarindi* C. Felder & R. Felder; life histories; Venezuela]
- Bastin-Héline, Lucie**
2019. See McClure, M. et al., 2019a.
- Bastos, Carlos B.**
2011. See Soares, A. et al., 2011.
- Bastos, Cristina Schetino**
1996. See Neves, L. L. de M. et al., 1996.
- Bastos, Cristina Schetino, Marcelo Coutinho Picanço, Ailton Pinheiro Lôbo, Edimar Antônio da Silva and Ludmila Lafetá de Melo Neves**
1997. Oviposição de *Ascia monuste orseis* (Godart) (Lepidoptera, Pieridae) em couve comum. *Revista brasileira de Zoologia* 14(1): 187-193, 4 figs., 1 tab. (16 July) [Brazil]
- Bastos, José Alberto Magalhães**
- 1967a. Notas biológicas sobre *Brassolis sophorae* L. (Lep., Brassolidae). I - Perda de peso no período pupal. *Revista brasileira de Entomologia* (São Paulo) 12: 67-70, 2 figs., 3 tabs. (February) [Brazil]
- 1967b. Notas biológicas sobre *Brassolis sophorae* L. (Lep., Brassolidae). II - Duração do período pre-pupal e pupal em Fortaleza, Ceará - Brasil. *Revista brasileira de Entomologia* (São Paulo) 12: 71-75, 2 tabs. (February)
- 1967c. Notas biológicas sobre *Brassolis sophorae* L. (Lep., Brassolidae). III - Crescimento da lagarta, nos últimos instares, em Fortaleza, Ceará - Brasil. *Revista brasileira de Entomologia* (São Paulo) 12: 77-87, 1 fig., 8 tabs. (February)
1969. Dados biométricos da forma adulta de *Brassolis sophorae* L. (Lep., Brassolidae), em Fortaleza, Ceará, Brasil. *Pesquisa agropecuária brasileira (Agronomia)* 4: 119-121, 1 fig., 2 tabs.
1972. *Caracterização das principais pragas do Nordeste, especialmente do Ceará*. Fortaleza, Universidade Federal do Ceará, Escola de Agronomia. 70 pp., 37 pls., 3 tabs. [general; host plants; Brazil]
1975. Caracterização de algumas lagartas-pragas do Estado do Ceará, Brasil. *Fitossanidade* (Fortaleza) 1(2): 35-37 (July) [*Anartia jatrophae* (Linnaeus), *Opsiphanes invirae* (Hübner); host plants]
- 1977a. Controle da lagarta do coqueiro, *Brassolis sophorae* L., com alguns inseticidas orgânicos sintéticos. *Fitossanidade* (Fortaleza) 2(2): 43-45, 1 fig., 3 tabs. (December) [Brazil]
- 1977b. Ensaio de controle à lagarta do coqueiro, *Brassolis sophorae* L., com inseticidas orgânicos sintéticos, em laboratório. *Fitossanidade* (Fortaleza) 2(2): 51-52, 2 tabs. (December) [Brazil]
- 1980a. Ensaio preliminar de controle da lagarta dos citros, *Papilio anchisiades capys* (Huebner, 1809) com inseticidas orgânicos sintéticos, em laboratório. *Fitossanidade* (Fortaleza) 4(1): 6-7, 2 tabs. (December) [Brazil]
- 1980b. See Mota, A. P. B. & J. A. M. Bastos, 1980a.
- 1980c. See Mota, A. P. B. & J. A. M. Bastos, 1980b.
- Bastos, José Alberto Magalhães, Luciene de Oliveira Lopes and Antonio Lindemberg Martins Mesquita**
1978. Controle da lagarta preta do maracujá, *Agraulis vanillae vanillae* (Linné) com alguns inseticidas orgânicos sintéticos, em laboratório. *Fitossanidade* (Fortaleza) 2(3): 74-76, 1 fig., 2 tabs. (November) [Brazil]
- Bastos, José Alberto Magalhães, Antonio Lindemberg Martins Mesquita and Luciene de Oliveira Lopes**
1978. Controle da lagarta roxa do maracujá, *Heliconius ethilla narcea* [sic] (Latreille) com alguns inseticidas orgânicos sintéticos, em laboratório. *Fitossanidade* (Fortaleza) 2(3): 78-80, 3 tabs. (November) [Brazil]
- Bastos, José Alberto Magalhães, Alessandra Perazzo Barbosa Mota and Josefa Corina Dantas Faustino**
1979. Novo ensaio de controle à lagarta do coqueiro, *Brassolis sophorae* L., com inseticidas orgânicos sintéticos. *Fitossanidade* (Fortaleza) 3(1/2): 42-43, 1 tab. (December) [Brazil]
- Bastos, José Alberto Magalhães, and Maria Ester Santiago de Oliveira**
1979. Ensaio de controle da lagarta do coqueiro, *Brassolis sophorae* L., com os inseticidas Profenofos, Endrin e Metil-Parathion em diversas concentrações. *Fitossanidade* (Fortaleza) 3(1/2): 51-53, 1 tab.

(December) [Brazil]

**Batalden, Rebecca V.**

- 2015a. See Oberhauser, K. S. et al., 2015a.  
2015b. See Nail, K. R. et al., 2015.

**Batalha, Vicente Cunha**

1996. See Picanço, M. C. et al., 1996.

**Bateman, Melanie Lynn**

2006. See Coley, P. D. et al., 2006.

**Bates, Drell Marston** [1906-1974]

- 1932a. Notes on the metamorphosis of the Brassolidae (Lepidoptera). *Bulletin of the Brooklyn entomological Society* 27(3): 155-163, 1 fig. (14 July) [general]
- 1932b. *Insectos nocivos. Estudio de las principales plagas guatemaltecas, con algunos datos de Honduras y El Salvador*. Guatemala, Servicio Técnico de Cooperación Agrícola. [iii] + 135 pp. [reprinted in *Revista. Facultad nacional de Agronomía* (Medellín) 5(18): 333-401, (19): 553-593; 1942] [general; host plants; larvae, imagines; behavior]
- 1934a. New Lepidoptera from the Bahamas. *Occasional Papers of the Boston Society of natural History* 8: 133-138 (1 June) [general; *Eurema dina helios*, *E. chamberlaini mariguanae*, *Calisto herophile apollinis*, *C. sibylla*, *Phemiades antiqua eleutherae*]
- 1934b. Notes on some tropical Florida butterflies (Lepid.: Rhopalocera). *Entomological News* 45(6): 166-169 (11 June) [general; West Indies]
- 1935a. The butterflies of Cuba. *Bulletin of the Museum of comparative Zoology* 78(2): 63-258, 24 figs. (February) [general; ecology; distribution; new taxa: *Papilio pelaus atkinsi*, *Eunica pusilla fairchildi*, *Strymon gundlachianus*]
- 1935b. The satyrid genus *Calisto*. *Occasional Papers of the Boston Society of natural History* 8: 229-248, 10 figs. (31 December) [general; new species: *C. loxias*, *C. chrysaoros*, *C. tragi*, *C. lyceus*, *C. smintheus*, *C. delos*, *C. eleleus*; Hispaniola, Cuba, Bahamas, Jamaica, Puerto Rico]
- 1936a. Notes on Cuban butterflies. *Memorias de la Sociedad cubana de Historia natural* 9(4): 225-228, 1 fig. (13 January) [general; new subspecies: *Dynamine egaea calais*]
- 1936b. A new riodinid from Panama (Lepidoptera). *Psyche* (Cambridge) 42(3): 149-150 (January) [*Rodinia barbouri*]
- 1939a. Notes on Cuban butterflies II. *Memorias de la Sociedad cubana de Historia natural* 13(1): 1-4 (15 February) [general; new subspecies: *Calisto smintheus muripetens*, *Coea acheronta semele*]
- 1939b. Notes on butterflies from Hispaniola. *Psyche* (Cambridge) 46(2/3): 43-51 (October) [general; new taxa: *Eurema helios mayobanex*, *Calisto arcas*, *C. grannus*]
1960. *The forest and the sea. A look at the economy of nature and the ecology of man*. New York, Random House. [viii] + 278 pp. [general]
1964. *The land and wildlife of South America*. New York, Time Inc. 200 pp., figs. [general]
- Bates, Henry Walter** [1825-1892]
- 1850-52a. [Correspondence]. *Zoologist* 8(85): 2663-2668, (86): 2715-2716, (87): 2717-2719, (89): 2789-2793, (90): 2836, (91): 2837-2841, (94): 2940, (95): 2941-2944, (96): 2965-2966 (1850); 9: 3142-3144, 3230-3232 (1851); 10: 3321-3324, 3352-3353, 3449-3450 (1852) [general; Brazil]
- 1852b. Some account of the country of the River Solimoens, or Upper Amazons. *Zoologist* 10: 3590-3599. [general; Brazil]
- 1853-57a. [Correspondence]. *Zoologist* 11: 3726-3729, 3801-3804, 3841-3843, 3897-3900, 4113-4117 (1853); 12: 4200-4202, 4318-4321, 4397-4398 (1854); 13: 4549-4553 (1855); 14: 5012-5019 (1856); 15: 5557-5559, 5657-5662 (1857) [general; Brazil]
- 1857b. Notes on an excursion from Ega to Tunantins and Fonte Boa on the upper Amazons. *Zoologist* 15: 5725-5737. [general; Brazil]
1858. Excursion to St. Paulo, Upper Amazons. *Zoologist* 16: 6160-6169. [general; Brazil]
- 1859a. [A letter]. *Proceedings of the entomological Society of London* (2)5(1): 22-23 (7 March) [general; behavior; Brazil]
- 1859b. Notes on South American butterflies. *Transactions of the entomological Society of London* (2)5(1): 1-11 (7 March) [general; Brazil]
- 1860a. Diagnoses of three new species of diurnal Lepidoptera belonging to the genus *Agrias*, and of one belonging to *Siderone*. *Proceedings of the entomological Society of London* (2)5(6): 110-112 (7 August) [also in *Zoologist* 18: 6942-6944] [*A. hewitsonius*, *A. pericles*, *A. sardanapalus*, *S. mars*; Brazil]
- 1860b-61a. Contributions to an insect fauna of the Amazon Valley. *Transactions of the entomological Society of London* (2)5(6): 223-228 (7 August 1860), (8): 335-361 (25 February 1861) [general; new taxa: *Papilio hippason* local variety *paraensis*, *P. phosphorus*, *P. echepphon*, *P. olivencius*, *P. mylotes*, *P. autosilaus*]
- 1861b. Contributions to an insect fauna of the Amazon Valley - Lepidoptera-Papilionidae. *Journal of Entomology* 1(4): 218-245 (December) [general; new species: *Leptalis egaena*, *L. tapajona*, *L. melanoe*, *L. erythro*, *L. leuconoe*, *L. argochloe*, *Pieris leptalina*, *Terias paulina*, *T. flavilla*, *T. circumcincta*, *T. clara*, *T. tapeina*, *T. lirina*, *T. leucoma*]
- 1862a. Contributions to an insect fauna of the Amazon Valley - Lepidoptera: Heliconinae. *Journal of the Proceedings of the Linnean Society of London (Zoology)* 6(22): 73-77 (1 March) [general]
- 1862b. Contributions to an insect fauna of the Amazon Valley. Lepidoptera: Heliconidae. *Transactions of the Linnean Society of London* 23(3): 495-566, pls. 55-56 ([13 November]) [general; new taxa: *Dircenna epidero*, *Callithomia* (new genus) *alexirrhoe*, *C. zeuxippe*, *C. thornax*, *Ceratinia xanthostola*, *C. anastasia*, *C. manaos*, *Mechanitis* (*Oleria*) *theaphia*, *Mechanitis polymnia* variety *olivencia*, *Napeogenes* (new genus) *cyrianassa* variety *tunantina*, *N. c.* variety *adelpha*, *N. inachia* variety *pyrois*, *N. pheranthos*, *N. crocodes*, *N. xanthone*, *N. inachia* variety *sulphurina*, *Ithomia poecila*, *Ithomeis* (new genus) *aurantiaca*, *I. stalactina*, *I. heliconina*, *I. mimica*, *I. satellites*, *Ithomia sao* variety *antisao*, *I. tucuna*, *I. primula*, *I. orolina* variety *aureola*, *I. o.* variety *oncidia*, *I. o.* variety *chrysondonia*, *I. o.* variety *aureliana*, *I. nephele*, *Melinaea* (new genus) *lucifer*, *M. pardalis*, *Tithorea harmonia* variety *cuparina*, *Heliconius numata* variety *isabellinus*, *H. eucoma* variety *pardalinus*, *H. aurora*, *H. leucadia*, *H. melpomene* variety *tyche*, *H. m.* variety *hippolyte*, *H. estrella*, *H. xanthocles*, *Eueides lampeto*]
- 1863a. *The naturalist on the river Amazons*. London, John Murray. 1: 351 pp., figs.; 2: 423 pp., figs. (January) [general; behavior; ecology; mimicry; Brazil]
- 1863b. On a collection of butterflies brought by Messrs. Salvin and Godman from Panama, with remarks on geographical distribution. *Proceedings of the zoological Society of London* 1863(2): 239-249, pl. 29 (October) [general; new taxa: *Papilio xanticles*, *P. protesilaus* variety *macrosilaus*, *P. anchisiades* variety *pandion*, *Danais thersippus*, *Dircenna callipero*, *Ithomia iphianassa* variety *panamensis*, *I. balboa*, *I. (Ceratinia) leucania*, *Mechanitis isthmia*]

- 1864a. Contributions to an insect fauna of the Amazon Valley. Lepidoptera - Nymphalinae. *Journal of Entomology* 2(10): 175-213, pls. 9-10 (June) [general; new species: *Agraulis andicola*, *Melitaea fragilis*, *M. pastazena*, *M. amazonica*, *Eresia aveyrona*, *E. clara*, *Napeocles*, *Eunica malvina*, *E. evelide*, *E. veronica*, *E. pusilla*, *E. viola*, *Nica sylvestris*, *Catagramma clymena* race *meridionalis*, *C. miles*, *C. amazona*, *Antigonis felderi*, *Pandora regina*]
- 1864b-65a. New species of butterflies from Guatemala and Panama, collected by Osbert Salvin and F. du Cane Godman, Esqs. *Entomologist's monthly Magazine* 1(1): 1-6 (June 1864), (2): 31-35 (July 1864), (3): 55-59 (August 1864), (4): 81-85 (September 1864), (5): 113-116 (October 1864), (6): 126-131 (November 1864), (7): 161-164 (December 1864), (8): 178-180 (January 1865), (9): 202-205 (February 1865) [*Papilio belesis*, *P. chrysodamas*, *P. numitor* (♂), *P. electryon*, *P. calliste*, *P. lacandones*, *P. glaucolus*, *P. salvini*, *Leptalis virgo*, *L. albania*, *Euterpe ochracea*, *Hesperocharis graphites*, *Terias longicauda*, *Danaus strigosa*, *Mechanitis lycidice*, *M. doryssus*, *Ithomia (Ceratinia) cleis*, *I. psyche*, *I. salvinia*, *I. cassotis*, *I. dorilla*, *Melinaea imitata*, *Tithorea duenna*, *Heliconius jucundus*, *H. xanthicus*, *H. magdalena*, *H. veraepacis*, *H. leuce*, *H. galanthus*, *H. chioneus*, *H. sprucei*, *Acraea guatemalena*, *A. leucomelas*, *A. nox*, *A. equatoria*, *Melitaea ptoylca*, *M. lelex*, *M. aethes*, *M. tulcis*, *M. stesilea*, *Microtia* (new genus) *elva*, *Synchlloe gaudialis*, *S. erodyle*, *S. tellias*, *S. melanarge*, *Eurema godmanii*, *Eunica modesta*, *Epiphile plutonia*, *Temenis sylphis*, *Ageronia glauconome*, *A. guatemalena*, *A. atlantis*, *A. iphthime*, *Pyrrhogyra otolais*, *Heterochroa celerio*, *H. paroeca*, *H. iphicleola*, *H. pithys*, *H. melanthe*, *Timetes corita*, *Apatura thaumas*, *A. argus*, *Amphirene superba*, *Paphia nobilis*, *P. excellens*, *P. xenica*, *Morpho octavia*, *Brassolis strix*, *B. isthmia*, *Pronophila laetifica*, *P. hilara*, *P. napaea*, *P. dejecta*, *Taygetis satyrina*, *Antirrhaea casta*, *Hetaera macleannania*, *Euptychia sericeella*, *E. glaucina*, *Mesosemia gaudiolum*, *M. vestalis*, *Pheles alicia*, *Mesene rubella*, *M. croceella*, *Lemonias domina*, *Nymphidium olinda*]
- 1865b. Contributions to an insect fauna of the Amazon Valley. Lepidoptera - Nymphalinae. *Journal of Entomology* 2(12): 311-346, pls. 13-14 (March) [general; new species: *Ageronia alicia*, *A. belladonna*, *A. velutina*, *Olina mariana*, *Cystineura tocatina*, *Pyrrhogyra cuparina*, *P. amphiro*, *Eubagis leucothea*, *E. chryseis*, *E. vicaria*, *E. sara*, *E. glauce*, *E. paulina*, *E. perpetua*, *E. zenobia*, *Timetes heraldicus*, *T. egina*, *Heterochroa paraena*, *H. basiloides*, *Apatura selina*, *Prepona eugenes*, *P. gnorima*, *Paphia porphyrio*, *P. erythema*, *Morpho neoptolemus*, *M. uraneis*]
- 1865c. Notes upon the variation of sexes in *Argynnis diana*. *Proceedings of the entomological Society of Philadelphia* 4(1): 204-207 (11 April) [general; Neotropics]
- 1866a. On the blue-belted Epicaliae of the forests of the Amazons. *Entomologist's monthly Magazine* 2(20): 174-177, 1 fig. (January) [general; description of ♀ *Epicalia batesii* Felder; Brazil]
- 1866b. New species of butterflies from Guatemala and Panama, collected by Osbert Salvin and F. du Cane Godman, Esqs. *Entomologist's monthly Magazine* 3(27): 49-52 (August), (28): 85-88 (September), (30): 133-136 (November), (31): 152-157 (December) [*Hesperocharis crocea*, *H. costaricensis*, *Olyras theon*, *Thyridia melantho*, *Dircenna xenos*, *Ithomia hippocrenis*, *I. heraldica*, *I. adelphina*, *I. (Oleria) xanthina*, *I. (Ceratinia) callispila*, *I. spruceana*, *Tithorea umbratilis*, *Heliconius octavia*, *H. formosus*, *H. melicerta*, *H. albucilla*, *Eueides leucomma*, *Eresia poecilina*, *Melitaea nigrella*, *M. atronia*, *Catagramma faustina*, *C. guatemalena*, *C. pacifica*, *Eunica augusta*, *Heterochroa phylaca*, *Paphia aureola*, *P. chrysophana*, *Taygetis sylvia*, *Mesosemia carissima*, *Charis argyrodines*, *Mesene argentea*, *Eurygona chryssippe*, *Symmachia rubina*, *Metapheles* (new genus) *dinora*, *Theope basilea*, *Nymphidium praeclarum*, *N. dorillis*]
- 1866c. See Saunders, W. W. & H. W. Bates, 1866.
- 1867a. [A note]. *Proceedings of the entomological Society of London* (3)5(6): xxxix-xli (6 May) [general; mimicry]
- 1867b. A catalogue of Erycinidae, a family of diurnal Lepidoptera. *Journal of the Linnean Society (London) (Zoology)* 9(38): 367-372 (13 December) [general; new taxa: *Alesa lipara*, *A. thelydrias*, *A. hemiurga*, *Mesosemia sylvina*; Brazil]
- 1867c. On a collection of butterflies formed by Thomas Belt, Esq., in the interior of the province of Maranhã, Brazil. *Transactions of the entomological Society of London* (3)5(7): 535-546 (30 December) [general; new taxa: *Heliconius novatus*, *H. paraplesius*, *Olina stalachtoides*, *Cremna beltiana*, *C. heteroea*, *C. melampia*, *Pseudopheles* (new genus) *sericina*, *Emesis aurelia*, *Nymphidium sylvarum*, *N. chione*, *Theope janus*]
- 1868a. Note on the genus *Pandora* (diurnal Lepidoptera). *Entomologist's monthly Magazine* 4(44): 169-171 (January) [general; new species: *P. divalis*]
- 1868b. A catalogue of Erycinidae, a family of diurnal Lepidoptera. *Journal of the Linnean Society (London) (Zoology)* 9(39): 373-436 (18 February), (40): 437-459 (23 April) [general; new taxa: *Mesosemia olivencia*, *M. philocles* variety *laetifica*, *M. p. egabella*, *M. calypso*, *Eurygona coccinella*, *E. erythraea*, *E. calligramma*, *E. charilis*, *E. angulata*, *E. mirania*, *E. modesta*, *E. ferrugo*, *E. clithra*, *E. extensa*, *E. violetta*, *Themone poecila*, *Chamaelimnas iaeris*, *C. briola*, *Syrmatia lamia*, *Pheles rufotincta*, *Esthemopsis celina*, *E. aeolia*, *E. lithosina*, *Limnas flammula*, *L. semiota*, *Orestia tapajona*, *Zelotaea* (new genus) *phasma*, *Z. dubia*, *Z. achroa*, *Dysmathia* (new genus) *portia*, *D. costalis*, *Zeonia sylphina*, *Siseme xanthogramma*, *S. sprucei*, *S. caudalis*, *Erycina miniola*, *Emesis sprete*, *E. hypochloris*, *E. aethalia*, *Cricosoma eraste*, *C. phaedra*, *Mesene sophistes*, *M. fuliginea*, *M. pyrsoides*, *M. leucophrys*, *M. fenestrella*, *M. paraena*, *M. simplex*, *M. celetes*, *M. basilissa*, *M. debilis*, *M. crocostigma*, *M. apolecta*, *M. eupteryx*, *M. nydia*, *M. pyrria*, *Pachythone* (new genus) *erebia*, *P. lateritia*, *P. distigma*, *P. xanthe*, *P. mimula*, *Charis monogramma*, *C. lypera*, *C. zama*, *C. argyrea*, *C. venilia*, *C. glaucopsis*, *Symmachia amazonica*, *Calydna argiella*, *C. tineca*, *C. maculosa*, *C. micra*, *Boeotus euprepes*, *B. prima*, *Metacharis cuparina*, *M. nigrella*, *M. (Echenais) exigua*, *Lasaia*, *Tharops superba*, *Lemonias melia*, *L. campestris*, *L. pione*, *L. galena*, *L. apotheta*, *L. hemileuca*, *L. lampros*, *Nymphidium ochra*, *N. fulminans*, *N. chimborazium*, *N. rubigo*, *N. mesoleucum*, *N. eutrapela*, *N. heliotis*, *Aricoris gelasine*, *A. velutina*, *A. disparilis*, *A. flammula*, *Theope sericea*, *T. lampropteryx*, *T. hypoxanthe*, *T. sobrina*, *T. apheles*, *T. zosteria*, *T. aureonitens*, *T. hypoleuca*, *T. excelsa*, *T. azurea*, *T. simplicia*, *T. lycaenina*, *T. foliorum*, *T. punctipennis*, *T. atima*, *T. leucanthe*, *T. tetrastigma*, *T. methemona*, *T. caerulea*, *T. syngenes*, *T. drepana*, *T. discus*, *T. eurygonina*, *T. nobilis*, *Catagrammina*, *Uraneis*, *Aricoris butleri*, *Lemonias melanogyra*, *Calliona*; Neotropics]
- 1868c. [A note]. *Proceedings of the entomological Society of London* 1868(1): xi (29 April) [general; South America]
1869. [A note]. *Proceedings of the entomological Society of London* 1869(1): viii (26 April), (4): ix (3 August) [*Leptalis*; evolution]

1870. The President's Address. *Proceedings of the entomological Society of London* 1869(6): xxxiii-xlix (7 February) [general; zoogeography; Ecuador]
- Bates, Nancy Bell**  
1947. *East of the Andes and west of nowhere. A naturalist's wife in Colombia*. New York, Charles Scribner's Sons. 237 pp., figs. [general]
- Batista, Jacinto de Luna**  
2018. See Souza, M. dos S. de et al., 2018.
- Batista, João Aguiar Nogueira**  
2012. See Pedron, M. et al., 2011.
- Batista, Rômulo**  
2012. See Ribeiro, D. B. et al., 2012.
- Batista, Ronan**  
2012. See Ramos, C. S. et al., 2012.
- Batista, Telma Fátima Vieira**  
2016. See Monteiro, E. da S. et al., 2016.
- Batten, A. M.**  
1968. See Batten, A. G. M. & A. M. Batten, 1968.
- Batten, Archibald George Mount**  
1972. *Papilio homerus* Fabricius. *Entomologist's Record and Journal of Variation* 84(8): 206-207 (15 August) [Jamaica]
- Batten, Archibald George Mount, and A. M. Batten**  
1968. Seven weeks in Jamaica, winters 1966-1967. *Entomologist's Record and Journal of Variation* 80(1): 3-7 (15 January) [general]
- Batterham, Philip**  
2010. See Tay, W. T. et al., 2010.
- Battisti, Andrea**  
2018. See Manno, N. et al., 2018.
- Battistini, René [1928-2017], and Jean-Claude Gougis**  
2016. Le mimétisme chez les lépidoptères: l'essentiel à retenir. *Lépidoptères* (Paris) 25(65): 111-115, 3 pls. (December) [general]
- Baucke, Oswaldo**  
1948. See Biezanko, C. M. & O. Baucke, 1948.  
1949. See Biezanko, C. M. et al., 1949.  
1950. See Biezanko, C. M. et al., 1950.  
1961. *Os nomes comuns dos insetos no Rio Grande do Sul*. Porto Alegre, Secretaria da Agricultura. 31 pp. (June) [general; Brazil]  
1966. See Bertels, A. & O. Baucke, 1966.
- Bauder, Julia Anne-Sophie**  
2018. See Krenn, H. W. & J. A.-S. Bauder, 2018.
- Bauder, Julia Anne-Sophie, Stephan Handschuh, Brian Douglas Metscher and Harald Wolfgang Krenn**  
2013. Functional morphology of the feeding apparatus and evolution of proboscis length in metalmark butterflies (Lepidoptera: Riodinidae). *Biological Journal of the Linnean Society* 110(2): 291-304, 4 figs., 3 tabs. (November; published online 19 July) [general; Costa Rica]
- Bauder, Julia Anne-Sophie, and Harald Wolfgang Krenn**  
2009. Muskelanordnung im Rüssel von pollenfressenden und nektarsaugenden Heliconiini (Lepidoptera: Nymphalidae). *Entomologica austriaca* 16: 159-160. [general; morphology]
- Bauder, Julia Anne-Sophie, Nora R. Lieskonig and Harald Wolfgang Krenn**  
2011. The extremely long-tongued Neotropical butterfly *Eurybia lycisca* (Riodinidae): Proboscis morphology and flower handling. *Arthropod Structure and Development* 40(2): 122-127, 2 figs., 1 tab. (March; published online 13 December 2010) [Costa Rica]
- Bauder, Julia Anne-Sophie, Linde Morawetz, Andrew David Warren and Harald Wolfgang Krenn**  
2015a. Functional constraints on the evolution of long butterfly proboscides: lessons from Neotropical skippers (Lepidoptera: Hesperidae). *Journal of evolutionary Biology* 28(3): 678-687, 4 figs., 1 tab. (31 March) [general]
- Bauder, Julia Anne-Sophie, Andrew David Warren and Harald Wolfgang Krenn**  
2014. Evolution of extreme proboscis lengths in Neotropical Hesperidae (Lepidoptera). *Journal of Research on the Lepidoptera* 47: 65-71, 3 figs., 1 tab. (31 December; published online 1 December) [general]  
2015b. The ecological role of extremely long-proboscid Neotropical butterflies (Lepidoptera: Hesperidae) in plant-pollinator networks. *Arthropod-Plant Interactions* 9(4): 415-424, 4 figs., 3 tabs. (August; published online 2 June) [general; Costa Rica]
- Baudisch, Ernst, and Otto Kalda**  
1966. *Tagfalter der Welt. Gattungsverzeichniss mit Kennzahlen*. Stuttgart, Authors. 63 pp., 1 fig. [general]  
[no date]. *Tagfalter der Welt. Artenverzeichniss mit Kennzahlen der Gattung Papilio*. Stuttgart, Authors. 28 pp. [general]
- Bauer, Claudia**  
1995. See Pacheco, J. F. & C. Bauer, 1995.
- Bauer, David L. [1923-2010]**  
1960. A new species of *Chlosyne* (Nymphalidae) from western Mexico. *Journal of the Lepidopterists' Society* 13(3): 165-169, 2 figs. (22 April) [*C. gloriosa*]  
1961. Descriptions of two new *Chlosyne* (Nymphalidae) from Mexico, with a discussion of related forms. *Journal of the Lepidopterists' Society* 14(2): 148-154, 5 figs. (31 March) [*C. rosita browni*, *C. riobalsensis*]  
1962. Midge-flies biting butterflies. *Journal of the Lepidopterists' Society* 15(2): 91-92 (1 February) [general; Mexico]
- Baum, Kristen A.**  
2016. See McCoshum, S. M. et al., 2016.  
2019a. See Cariveau, A. B. et al., 2019.  
2019b. See Tracy, J. L. et al., 2019.  
2019c. See Kantola, T. et al., 2019.
- Baumann, Heinz [1933- ]**  
1974. Die Ithomiidae der Küstenkordillere in Nord-Venezuela (Lep., Rhop.). 1. Beitrag zur Systematik und Faunistik der Ithomiidae. *Mitteilungen der münchener entomologischen Gesellschaft* 64: 40-61 (1 December) [general; distribution]  
1985a. *Pteronymia asopo* (C. & R. Felder, 1865) und seine Verwandtschaft (Lepidoptera, Ithomiidae). *Entomofauna* 6(4): 29-36, 3 figs. (25 February) [new species: *Pteronymia forsteri*; South America]  
1985b. Über einige Arten um *Oleria makrena* (Hewitson, 1854) (Lepidoptera, Ithomiidae). *Entomofauna* 6(10): 105-116, 6 figs. (30 May) [new taxa: *Oleria pseudmakrena*, *O. cajamarcensis*, *O. caucana schoenfelderi*; South America]
- Baumann, Heinz, and Eduard Johannes Reissing**  
1969. Zur Tagfalterfauna des Chanchamayogebietes in Peru. Teil I. Pieridae. *Veröffentlichungen der zoologischen Staatssammlung München* 13: 71-142, 13 pls., 1 fig. (1 August) [general; ecology; new taxa: *Dismorphia tapajona koenigi*, *D. amphione egaena* form *rhomboidea*, *D. niepelti stammii*, *D. doris*, *Enantia theugenis zischkai*, *Catasticta tamsa*, *C. lisa*, *C. tomyris barbara*, *Leodonta chiriquensis tingomariae*, *Leptophobia olympia potoniei*, *L. forsteri*, *Eurema frieda*]
- Baumann, Heinz, Thomas Josef Witt and Fritz König**  
1977. Zur Tagfalterfauna des Chanchamayogebietes in Peru. Teil II. Charaxinae. *Mitteilungen der münchener entomologischen Gesellschaft* 66: 141-177, 9 figs. (30 April) [general; distribution]
- Baumann, Thomas W.**

2000. See Häsler, B. & T. W. Baumann, 2000.
- Baumgarten, Julio**  
2009. See Pardini, R. et al., 2009.
- Baumgarten, Leandro**  
1995. See Morais, H. C. de et al., 1995.
- Baus, Carolyn**  
1991. See Heyden, D. & C. Baus, 1991.
- Baust, John G.**  
1965. See Swihart, S. L. & J. G. Baust, 1965.  
1967. Preliminary studies on the isolation of pterins from the wings of heliconiid butterflies. *Zoologica* (New York) 52(1): 15-20, 4 figs., 2 tabs. (23 June) [general; biochemistry]
- Bautista, Néstor**  
2009. See Pérez, B. C. et al., 2009.
- Bavutti, Letícia Laura de Oliveira**  
2017. See Roque, F. de O. et al., 2017.
- Bawa, Kamaljit Singh** [1939- ]  
1983a. See Baker, H. G. et al., 1983.  
1983b. See Webb, C. J. & K. S. Bawa, 1983.  
2004. See Frankie, G. W. et al., 2004.
- Baxter, Ronald N.**  
2009. Questing in Ecuador. *Bulletin of the amateur Entomologists' Society* 68(486): 200-209, 8 figs. (October) [general; behavior]
- Baxter, Simon Wade**  
2006. See Joron, M. et al., 2006b.  
2007. See Pringle, E. G. et al., 2007.  
2010a. See Counterman, B. A. et al., 2010.  
2010b. See Ferguson, L. et al., 2010.  
2010c. See Salazar, C. A. et al., 2010.  
2011a. See Joron, M. et al., 2011.  
2011b. See Chamberlain, N. L. et al., 2011.  
2011c. See Muñoz, A. G. et al., 2011.  
2012a. See Nadeau, N. J. et al., 2012.  
2012b. See Pardo-Díaz, C. et al., 2012.  
2012c. See Dasmahapatra, K. K. et al., 2012.  
2013. See Nadeau, N. J. et al., 2013.  
2015. See Huber, B. et al., 2015.  
2016a. See Wallbank, R. W. R. et al., 2016.  
2016b. See Davey, J. W. et al., 2016.
- Baxter, Simon Wade, S. E. Johnston and Christopher David Jiggins**  
2009a. Butterfly speciation and the distribution of gene effect sizes fixed during adaptation. *Heredity* 102(5): 57-65, 4 figs., 1 tab. (May; published online 5 November 2008) [*Heliconius*; genetics; mimicry]
- Baxter, Simon Wade, William Owen McMillan, Nicola L. Chamberlain, Richard H. ffrench-Constant and Christopher David Jiggins**  
2009b. Prospects for locating adaptive genes in lepidopteran genomes. A case study of butterfly color patterns, pp. 105-120, 4 figs. In: Goldsmith, M. R. & F. Marec (Eds.), *Molecular biology and genetics of the Lepidoptera*. Boca Raton, CRC Press. (1 September) [*Heliconius*]
- Baxter, Simon Wade, Nicola J. Nadeau, Luana Santoro Maroja, Paul Wilkinson, Brian A. Counterman, Anna Dawson, Margarita Beltrán, Silvia Pérez-Espona, Nicola L. Chamberlain, Laura C. Ferguson, Richard Clark, Claire Davidson, Rebecca Glithero, James Louis Borlase Mallet, William Owen McMillan, Marcus R. Kronforst, Mathieu Joron, Richard H. ffrench-Constant and Christopher David Jiggins**  
2010. Genomic hotspots for adaptation: The population genetics of Müllerian mimicry in the *Heliconius melpomene* clade. *PLoS Genetics* 6(2)(e1000794): 1-12, 5 figs., 1 tab. (published online 5 February) [general; Central and South America]
- Baxter, Simon Wade, Riccardo Papa, Nicola L. Chamberlain, Sean J. Humphray, Mathieu Joron, Clayton M. Morrison, Richard H. ffrench-Constant, William Owen McMillan and Christopher David Jiggins**  
2008. Convergent evolution in the genetic basis of Müllerian mimicry in *Heliconius* butterflies. *Genetics* 180(3): 1567-1577, 5 figs., 2 tabs. (November)
- Bay, Annick**  
2010. See Vigneron, J.-P. et al., 2010.
- Bayala, Erick**  
2018. See Westerman, E. L. et al., 2018.
- Bayern, Therese (Prinzessin) von** [1850-1925]  
1895. [Introduction], pp. 517-521, 1 map. In: Bayern, T. & F. Steindachner, Über einige Fischarten Mexico's und die Seen, in welchen sie vorkommen. *Denkschriften der kaiserlichen Akademie des Wissenschaften (Wien) (Mathematisch-Naturwissenschaftliche Classe)* 62: 517-530, 3 pls., 1 map. [general; Mexico]  
1897. *Meine Reise in den brasilianischen Tropen*. Berlin, Dietrich Reimer (Ernst Vohsen). xvi + 544 pp., frontisp., 4 pls., 77 figs., 2 maps. [general]  
1901. Von Ihrer königl. Hoheit der Prinzessin Therese von Bayern auf einer Reise in Südamerika gesammelte Insekten. III. Lepidopteren. *Berliner entomologische Zeitschrift* 46(2/3): 235-289 (September) [mentions new taxa described by Rebel, Weymer & Stichel, 1901, q.v.] [general; ecology; West Indies, Venezuela, Colombia, Ecuador, Peru, Brazil]  
1908. *Reisestudien aus dem westlichen Südamerika*. Berlin, Dietrich Reimer (Ernst Vohsen). 1: xix + 380 pp., 3 pls., figs., 4 maps; 2: xiii + 340 pp., 3 pls., figs., 2 maps. [general; geography; ecology]
- Baylis, Harry Arnold** [1889-1972]  
1924. Colour-production in Lepidoptera. *Entomologist* 57(728): 2-6 (January), (729): 29-34 (February), (730): 52-56 (March), (731): 78-82 (April) [general]  
1926. Colour-production in Lepidoptera: A further note. *Entomologist* 59(756): 124-126 (May) [general]
- Baylis, Kathy**  
2011. See Honey-Rosés, J. et al., 2011.
- Bayne, Arthur F.** [1869-1947]  
1903. An Easter holiday in South America. *Transactions of the City of London entomological and natural History Society* 12: 70-72 (February) [general; Argentina]  
1904a. Migration of *Pyrameis carye*. *Transactions of the City of London entomological and natural History Society* 13: 4 (February) [Argentina]  
1904b. Butterfly pupae from Buenos Ayres. *Transactions of the City of London entomological and natural History Society* 13: 12 (February) [*Agraulis vanillae* (Linnaeus), *Pseudosarbia phoenicicola* Berg]  
1904c. Tacuarembó. *Transactions of the City of London entomological and natural History Society* 13: 44-46 (February) [general; Uruguay]  
1944. Un ejemplar anormal de *Colias lesbia* F. *Revista argentina de Entomología* 2(4): 63, 1 fig. (30 September) [Argentina]
- Baynes, Hugh**  
2015a. See Grados, J. et al., 2015a.  
2015b. See Grados, J. et al., 2015b.
- Bazinet, Adam L.**  
2009. See Regier, J. C. et al., 2009.  
2013. See Regier, J. C. et al., 2013.
- Beal, Richard Sidney, Jr.** [1916- ]  
1978. Review of the dermestid beetle genus *Caccoleptus* with description of a new species from Colombia (Coleoptera). *Proceedings of the entomological Society of Washington*



- 80(2): 171-178, 2 figs. (4 May) [*Opsiphanes cassina* C. Felder & R. Felder; predator]
- Beall, Geoffrey** [1908- ], and **Carrington Bonsor Williams**  
1945. Geographical variation in the wing length of *Danaus plexippus* (Lep. Rhopalocera). *Proceedings of the royal entomological Society of London* (A) 20(7/9): 65-76, 2 figs., 5 tabs. (19 October) [Neotropics]
- Beard, Jean, and David C. Lees**  
1986. *A pocket guide to tropical & sub-tropical butterflies*. St. Ives, Cornwall, Beric Tempest & Co. Ltd. 40 pp., figs. [general]
- Beasley, Helen**  
2006. See Joron, M. et al., 2006b.  
2010. See Ferguson, L. et al., 2010.  
2011. See Joron, M. et al., 2011.
- Beattie, John R.**  
1976. *The Rhopalocera Directory. Insecta Directory*. Berkeley, JB Indexes. 1: xiv + 365 pp. (June) [general]
- Beatty, Harry Andrew** [1902-1989]  
[1945]. Fauna of St. Croix, V. I. *Journal of Agriculture of the University of Puerto Rico* 28(3/4): 103-185 ("August-October 1944", [1945]) [general]
- Beccacece, Hernán Mario**  
2016. See Drewniak, M. E. et al., 2016.  
2018. See Poffo, D. A. et al., 2018.
- Beccaloni, George William** [1967- ]  
1997a. Vertical stratification of ithomiine butterfly (Nymphalidae: Ithomiinae) mimicry complexes: the relationship between adult flight height and larval host-plant height. *Biological Journal of the Linnean Society* 62(3): 313-341, 4 figs., 6 tabs. ([26] November) [general; Ecuador]  
1997b. Ecology, natural history and behaviour of ithomiine butterflies and their mimics in Ecuador (Lepidoptera: Nymphalidae: Ithomiinae). *Tropical Lepidoptera* 8(2): 103-124, 162 figs., 3 tabs. (23 December) [general]  
1998. See Schulz, S. et al., 1998.  
2003. See Viloría, Á. L. et al., 2003.  
2004. See Schulz, S. et al., 2004.
- Beccaloni, George William, and Kevin J. Gaston**  
1994. Predicting the species richness of Neotropical forest butterflies: Ithomiinae (Lepidoptera: Nymphalidae) as indicators. *Biological Conservation* 71(1): 77-86, 6 figs., 2 tabs. ("1995", 1994) [general]
- Beccaloni, George William, Ángel Luis Viloría, Stephen Kenneth Hall and Gaden Sutherland Robinson**  
2008. *Catalogue of the hostplants of the Neotropical butterflies. Catálogo de las plantas huésped de las mariposas neotropicales*. Zaragoza, Sociedad Entomológica Aragonesa. (*Monografías del Tercer Milenio*, Vol. 8). 536 pp., figs., 3 tabs. (31 March) [general]
- Beccari, Franco, and Valerio Gerini**  
1968-75. *Catalogo della Collezione Entomologica. Lepidoptera*. Firenze, Istituto Agronomico per l'Oltremare. 1(1): 1-16, 5 pls. (October-December 1968), (2): 17-32, pls. 6-12 (January-June 1969), (3): 33-48, pls. 13-19 (April-September 1970), (4): 49-64, pls. 20-27 (July-September 1971), (5): 65-80, pls. 28-33 (January-March 1972), (6): 81-96, pls. 34-41 (April-September 1972), (7): 97-111, pls. 42-44 (September-December 1974), (8): 113-123 (15 July 1975) [general; Neotropics]
- Becerra, Judith**  
1987. See Gómez-Castañeda, J. C. et al., 1987.
- Becerra, Judith, and Exequiel Ezcurra**  
1986a. Glandular hairs in the *Arbutus xalapensis* complex in relation to herbivory. *American Journal of Botany* 73(10): 1427-1430, 2 figs. (October) [*Eucheira socialis* Westwood; host plant; distribution: Mexico]
- 1986b. Pelos glandulares en el complejo *Arbutus xalapensis* en relación con el herbivorismo. *Ciencia interamericana* 26(1/4): 9-11, 2 figs. [*Eucheira socialis* Westwood; host plant; Mexico]
- Beck, Andrew F.**  
1983. *Tmolus azia* (Lycaenidae) and *Anteos chlorinde* [sic] (Pieridae) in the Dominican Republic. *Journal of the Lepidopterists' Society* 37(1): 89-90 (19 August)
- Beck, Bertram M.**  
1998. See Woodruff, R. E. et al., 1998.
- Beck, Bill**  
2017. See Williams, L. et al., 2017.
- Beck, Harald**  
2013. See Pardonnet, S. et al., 2013.
- Beck, Jan, and Konrad Fiedler**  
2009. Adult life spans of butterflies (Lepidoptera: Papilionoidea + Hesperioidea): broadscale contingencies with adult and larval traits in multi-species comparisons. *Biological Journal of the Linnean Society* 96(1): 166-184, 4 figs., 5 tabs. (January; published online 17 December 2008) [general]
- Beck, Jan, Eva Mühlenberg and Konrad Fiedler**  
1999. Mud-puddling behavior in tropical butterflies: in search of proteins or minerals? *Oecologia* 119(1): 140-148, 4 tabs. (April) [general]
- Beck, Stephan G.**  
2013. See Kambach, S. et al., 2013.
- Beckdorf, Max**  
1953. Auf Falterjagd am Amazonas. *Südamerika* (Buenos Aires) 3(4): 363-366 (25 February) [general]
- Becker, Claudio José**  
1985. Lendas e curiosidades sobre insetos. V - *Morpho catenarius*, uma borboleta azul que se origina de uma lagarta vermelha. *Natureza em Revista* (Porto Alegre) 10: 12-15, 3 figs. [life history; Brazil]
- Becker, Johann**  
2000. See Otero, L. S. et al., 2000.
- Becker, Johann Joseph Maria** [1788-1859]  
1851. [A note]. *Bulletin de la Société entomologique de France* (2)9(1): xxiii (23 April) [general; nomina nuda; Ecuador]
- Becker, Rafael Gustavo**  
2007. See Fleck, T. et al., 2007.
- Becker, Vitor Osmar** [1944- ]  
1983. Por qué as borboletas se juntam nos lugares úmidos? *Brasil florestal* 13(53): 49-50, 1 fig. (January-March) [general; Brazil]  
2004. See Monteiro, R. F. et al., 2004.
- Becker, Vitor Osmar, and Scott Everett Miller**  
1992. The butterflies of Guana Island, British Virgin Islands. *Bulletin of the Allyn Museum* 136: 1-9, 1 fig. (6 August) [general]
- Becker, Vitor Osmar, and William T. Stearn**  
1982. *Identification of plants and animals illustrated in Merian's Metamorphosis*, pp. 177-183. In: Rücker, E. & W. T. Stearn, *Maria Sibylla Merian in Surinam. Commentary to the facsimile edition of Metamorphosis Insectorum Surinamensium (Amsterdam 1705) based on original watercolours in the Royal Library Windsor Castle*. London, Pion Limited. xi + 200 pp., frontisp., 5 pls., figs., 2 maps [general]
- Beckett, Kenneth A.**  
1990. Costa Rican impressions. *Bulletin of the amateur Entomologists' Society* 49(370): 117-119 (June) [general]
- Beckles, Borgesius G.** [1957- ]  
2010. See Gernaat, H. B. P. E. & B. G. Beckles, 2010.

2012. See Gernaat, H. B. P. E. et al., 2012.
- Becnel, James J.**  
2003. See Hay-Roe, M. M. et al., 2003.
- Becuwe, Michel**  
2011. See Joron, M. et al., 2011.
- Beddard, Frank Evers** [1858-1925]  
1892. *Animal coloration: an account of the principal facts and theories relating to the colours and markings of animals.* London, Swan Sonnenschein & Co. viii + 288 pp., 4 pls., 36 figs. [general]
- Bede, Jacqueline C.**  
2014. See Prado, A. et al., 2014.
- Bedê, Lúcio Cadaval** [1963- ], **Onildo João Marini-Filho, Fernando Corrêa Campos-Neto, Flávia Ribeiro, Edmar Simões dos Reis, Marina do Vale Beirão and Felipe Oliveira Resende**  
2015. *Parides burchellanus* (Westwood, 1872) (Lepidoptera: Papilionidae): new distribution records from southwestern Minas Gerais state, Brazil. *Check List* 11(3)(1663): 1-4, 3 figs. (May)
- Bedford Russell, Anthony**  
1992. Butterflies of Barbados 1988-91. *Journal of the Barbados Museum and Historical Society* 40: 48-55, 3 figs. [general]
- Beebe, Charles William** [1877-1962]  
1918a. The convict trail. *The Atlantic Monthly* 122(3): 319-330 (September) [*Heliconius* spp.; behavior; Guyana]  
1918b. *Jungle Peace*. New York, Henry Holt & Co. xiv + 297pp. [general; Guyana, West Indies]  
1921a. The Bay of Butterflies. *Harper's monthly Magazine* 142(851): 585-590 (April) [general; Guyana]  
1921b. *Edge of the Jungle*. New York, Henry Holt and Company. [vii] + 303 pp. [general; Guyana]  
1924a. Notes on Galapagos Lepidoptera. *Zoologica* (New York) 5(3): 51-59, pl. A (11 January) [general; predators; behavior]  
1924b. *Galapagos: World's End*. New York, G. P. Putnam's Sons. xxi + 443 pp., frontisp., 8 pls., 82 figs. (February) [general]  
1925a. Studies of a tropical jungle. One quarter of a square mile of jungle at Kartabo, British Guiana. *Zoologica* (New York) 6(1): 1-194, pl. A, figs. 1-17 (11 March) [general; ecology; behavior]  
1925b. *Jungle Days*. Garden City, Garden City Publishing Co., Inc. [iv] + 201 pp., 7 pls. [general; behavior; Guyana]  
1926. *The Arcturus Adventure: an account of the New York Zoological Society's first oceanographic expedition*. New York, G. P. Putnam's Sons. xix + 439 pp., 8 pls., 69 figs. [*Callidryas eubule* (Linnaeus), *Historis orion* (Fabricius); Cocos Island]  
1932. *Nonsuch: Land of Water*. New York, Brewer, Warren & Putnam. xv + 259 pp., frontisp., 46 figs. [*Dione vanillae* (Linnaeus), *Catopsilia eubule* (Linnaeus); Bermuda]  
1942. *Book of Bays*. New York, Harcourt, Brace & Co. xviii + 302pp, frontisp., 20 pls. [general; Mexico, Central America, Colombia]  
1948. What's in a butterfly's name? *Animal Kingdom* 51(1): 14-15, 2 figs. (January-February) [*Heliconius melpomene* (Linnaeus); classification; Venezuela]  
1949a. Insect migration at Rancho Grande in north-central Venezuela. General account. *Zoologica* (New York) 34(2): 107-110, pls. 1-2, 1 fig. (10 August) [general; behavior]  
1949b. Migration of Papilionidae at Rancho Grande, north-central Venezuela. *Zoologica* (New York) 34(3): 119-126, 1 pl., 1 fig. (30 November) [general; behavior]  
1949c. *High Jungle*. New York, Duell, Sloan and Pearce, Inc. xii + 379 pp., 32 pls. [reprinted in 1952] [general; behavior; Venezuela]  
1950a. Migration of Danaidae, Ithomiidae, Acraeidae and Heliconidae (butterflies) at Rancho Grande, north-central Venezuela. *Zoologica* (New York) 35(1): 57-68, 1 fig. (17 April) [general; behavior]  
1950b. Migration of Pieridae (butterflies) through Portachuelo Pass, Rancho Grande, north-central Venezuela. *Zoologica* (New York) 35(3): 189-196, 1 pl. (27 November) [general; behavior]  
1951. Migration of Nymphalidae (Nymphalinae), Brassolidae, Morphidae, Libytheidae, Satyridae, Riodinidae, Lycaenidae and Hesperidae (butterflies) through Portachuelo Pass, Rancho Grande, north-central Venezuela. *Zoologica* (New York) 36(1): 1-16, 2 pls. (20 April) [general; behavior]  
1952. A contribution to the life history of *Colobura* (*Gynaecia* auct.) *dirce dirce* (Linnaeus) (butterfly). *Zoologica* (New York) 37(4): 199-202, 2 pls. (31 December) [egg, larva; host plant; behavior; Trinidad]  
1955a. Two little-known selective insect attractants. *Zoologica* (New York) 40(1): 27-32, 4 pls. (14 May) [general; behavior; Trinidad]  
1955b. Polymorphism in reared broods of *Heliconius* butterflies from Surinam and Trinidad. *Zoologica* (New York) 40(3): 139-143, 6 pls. (14 November) [general]  
1957. Dr. Beebe reports on quest for butterfly eggs. *Animal Kingdom* 60(1): 29 (January-February) [Heliconiinae; Surinam]  
1958. The high world of the rain forest. *National geographic Magazine* 113(6): 838-855, 8 pls., 2 figs. (June) [general; behavior; Trinidad]
- Beebe, Charles William, Jocelyn Crane and Henry Fleming**  
1960. A comparison of eggs, larvae and pupae in fourteen species of heliconiine butterflies from Trinidad, W.I. *Zoologica* (New York) 45(3): 111-154, 14 figs., 16 pls., 2 tabs. (30 November) [morphology; host plants]
- Beer, Arturo Sergio** [1903-1997]  
1942. Ricerche sulla morfologia dei disegni nelle ali dei papilionidi. *Commentationes* (Vatican) 6(2): 27-181, 2 pls., 18 figs., 13 tabs. [general]
- Beer, Wolf-Dietrich**  
2003. [Natural history commentaries]. In: Merian, M. S., *The St. Petersburg Watercolours*. München, Prestel Verlag. 176 pp., frontisp., 22 + 196 figs. (September) [general; host plants; history; Surinam]
- Beeton, Nicholas**  
2004. See Poladian, L. et al., 2004.
- Behere, Gajanan T.**  
2010. See Tay, W. T. et al., 2010.
- Beheregaray, Luciano B.**  
2010a. See Müller, C. J. et al., 2010.  
2010b. See Müller, C. J. & L. B. Beheregaray, 2010.
- Behr, Hans Herman** [1818-1904]  
1864. On Californian Lepidoptera. No. IV. *Proceedings of the California Academy of Sciences* 3(2): 123-127 (March) [general; Nymphalinae; Mexico, Chile, Brazil]  
1865. On Californian Lepidoptera. *Proceedings of the California Academy of Sciences* 3(2): 178-179 (January) [general; new species: *Nemeobius mejicanus*; Mexico]  
1869. Description of a new genus of Pieridae, and certain new species of butterflies from California. *Transactions of the American Entomological Society* 2(3): 303-304 ([8 November]) [*Neophasia terlooii*; Mexico]  
1870. [A note]. *Proceedings of the California Academy of Sciences* 4(4): 56 (February) [*Vanessa antiopa* (Linnaeus); Mexico]  
1889. Entomological contributions. *Proceedings of the California Academy of Sciences* 2(2): 91-96 (15 October) [*Neophasia*; life histories; Mexico]  
1890. Lepidoptera from San Jose del Cabo. *Zoe* 1(8): 246-247

- (October) [general; ecology; host plants; Mexico]
- Beier, Max Walter Peter** [1903-1979]  
1936. See Zerny, H. & M. Beier, 1936.
- Beier, Max Walter Peter, Charles Boursin, David Francis Hardwick, Ian Francis Bell Common and Edward Lawrence Todd**  
1964. Comments on the proposed rejection of Hübner's "Erste Zuträge". *Bulletin of zoological Nomenclature* 21(5): 333-335 (26 November)
- Beingolea, Oscar Demetrio** [1920-2001]  
1963. *Lista de insectos y otros animales que atacan a las plantas cultivadas en el Perú*. Lima, Sociedad Entomológica Agrícola del Perú. 21 pp. (November) [general]  
1984. *Protección vegetal*. Lima, Banco Agrario. 361 pp., pls., figs., tabs. [Ed. 2, 1989] [general; host plants; Peru]
- Beirão, Marina do Vale**  
2012a. See Gozzi, M. R. et al., 2012.  
2012b. See Silva, A. R. M. et al., 2012.  
2015. See Bedê, L. C. et al., 2015.  
2017. See Pereira, G. C. N. et al., 2017.  
2018a. See Pires, A. C. V. et al., 2018.  
2018b. See Freitas, A. V. L. et al., 2018b.  
2018c. See Santos, J. P. dos et al., 2018.  
2019a. See Santos, J. P. dos et al., 2019.  
2019b. See Henriques, N. R. et al., 2019.
- Beirão, Marina do Vale, Fernando Corrêa Campos-Neto, Ivan Assunção Pimenta and André Victor Lucci Freitas**  
2012. Population biology and natural history of *Parides burchellanus* (Papilionidae: Papilioninae: Troidini), an endangered Brazilian butterfly. *Annals of the entomological Society of America* 105(1): 36-43, 9 figs., 2 tabs. (January) [host plant; behavior; conservation]
- Beirão, Marina do Vale, Frederico de Siqueira Neves, Carla Maria Penz, Philip James DeVries and Geraldo Wilson Fernandes**  
2017. High butterfly beta diversity between Brazilian cerrado and cerrado-caatinga transition zones. *Journal of Insect Conservation* 21(5/6): 849-860, 7 figs., 2 tabs. (December; published online 24 October) [general]
- Beirne, Christopher**  
2015. See Whitworth, A. et al., 2015.
- Bejarano, José Daniel**  
2016. See Domínguez, J. E. et al., 2016.
- Bekaert, Michaël**  
2015. See Edger, P. P. et al., 2015.
- Belaich, Mariano Nicolás**  
2011. See Rodríguez, V. A. et al., 2011.
- Beldade, Patricia, and Paul Martin Brakefield**  
2002. The genetics and evo-devo of butterfly wing patterns. *Nature Reviews Genetics* 3(6): 442-452, 5 figs. (1 June) [*Heliconius*]
- Beletsky, Les**  
2001. See Pearson, D. L. & L. Beletsky, 2001.
- Belezaca, Carlos**  
2019. See Menacé, M. A. et al., 2019.
- Belicek, Joseph**  
2001. See Nylin, S. et al., 2001.
- Bell, Charles D.**  
2011. See Vila, R. et al., 2011.
- Bell, E. Arthur**  
1986. See Rothschild, M. L. et al., 1986.  
1992. See Nash, R. J. et al., 1992.
- Bell, Ernest Layton** [1876-1964]  
1926. Remarks on *Myscelus epigona* Herrich-Schäffer and *Eudamus casica* Herrich-Schäffer (Lepidoptera-Rhopalocera, Hesperiiidae). *Journal of the New York entomological Society* 33(4): 227-232 (19 January) [Mexico]
- 1930a. Notes on *Ancyloxypha nitedula* Burmeister. *Bulletin of the Brooklyn entomological Society* 25(1): 48-49 (February) [general]
- 1930b. See Williams, R. C., Jr. & E. L. Bell, 1931.
- 1930c. Descriptions of new South American Hesperiiidae (Lepidoptera, Rhopalocera). *Journal of the New York entomological Society* 38(2): 149-159, pl. 9 (12 July) [*Onophas watsoni*, *O. distigma*, *Eutocus schmithi*, *Eutyche maculata*, *E. hyalinus*, *Thoon viridis*, *Cobalus huntingtoni*, *C. boliviensis*, *Moeris mapirica*, *Augiades gloriosa*; Brazil, Bolivia]
- 1930d. Descriptions of new South American Hesperiiidae (Lepidoptera, Rhopalocera). *Journal of the New York entomological Society* 38(4): 455-461, pl. 31 (3 December) [*Niconiades reducta*, *Cobalus cristatus*, *Euroto fuldai*, *Mnasitheus badius*, *Prenes vala* race *immaculata*, *Phlebodes simplex*, *Vorates steinbachi*, *Mnaseas inca*; French Guiana, Brazil, Colombia, Bolivia, Paraguay]
- 1931a. See Lindsey, A. W. et al., 1931.
- 1931b. A list of Hesperiiidae from Barro Colorado Island, Canal Zone, and adjacent Panama, with a description of a new species. *Journal of the New York entomological Society* 39(1): 81-108, 1 fig. (2 May) [general; *Mnasitheus zeteki*]
- 1931c. See Williams, R. C., Jr. & E. L. Bell, 1931.
- 1931d. Studies in the Pyrrhopyginae, with descriptions of several new species (Lepidoptera, Rhopalocera, Hesperiiidae). *Journal of the New York entomological Society* 39(3): 417-490, pls. 34-39 (30 September) [general; *Pyrrhopyge tarapotoensis*, *P. attis*, *P. rileyi*, *P. amythaon*, *P. williamsi*, *P. pseudophidias*, *P. andronicus*, *P. draudti*, *P. mina*, *P. schausi*, *P. adonis*, *P. mariae*, *P. carriae*, *P. ganymedes*; Neotropics]
- 1931e. A new species of Hesperiiidae from Jamaica, British West Indies. *Entomological News* 42(8): 220-222, 1 fig. (5 October) [*Choranthus lilliae*]
- 1931f. New species of *Yanguna*: Lepidoptera, Rhopalocera. *Entomologist* 64(821): 233-236 (October) [*Y. mopsus*, *Y. creusae*, *Y. sarpedon*, *Y. arinas* form *temenos*, *Y. tetricus*, *Y. timaeus*; Peru, French Guiana, Guyana]
- 1932a. Descriptions of new Hesperiiidae from Trinidad, B.W.I., and South America (Lepidoptera-Rhopalocera). *Journal of the New York entomological Society* 39(4): 523-531, pl. 30 (5 January) [*Cobalus mubevensis*, *Oenus kayei*, *Perimeles stollmeyer*, *Eutyche insulanus*, *Megistias ignarus*, *Carystus coxeyi*, *Eutocus* (?) *illepidus*, *Thracides* (?) *curranii*]
- 1932b. New species of *Pyrrhopyge* (Lepid.: Hesperiiidae). *Entomological News* 43(3): 68-70, 2 figs. (29 February) [*P. guianae*, *P. cressoni*; French Guiana, Bolivia]
- 1932c. Notes on some American Hesperiiidae and descriptions of new species (Lepidoptera, Rhopalocera). *Bulletin of the Brooklyn entomological Society* 27(3): 131-141, pl. 13 (14 July) [general; *Chrysoplectrum albovenae*, *Staphylus similis*, *S. incanus*, *S. inconstans*, *Augiades pohli*, *Euroto* (?) *dubia*; Central and South America]
- 1932d. Studies in the genus *Phocides* with descriptions of new species (Lepidoptera: Hesperiiidae). *Transactions of the american entomological Society* 58(2): 169-200, pls. 12-16 (22 July) [general; *Phocides batabano* race *batabanoides* (new combination), *P. zancleius*, *P. xenocrates*, *P. metrodorus*, *P. urania* race *vida* (new combination); Neotropics]
- 1932e. Hesperiiidae (Lepidoptera, Rhopalocera) of the Roraima and Duida Expeditions, with descriptions of new species.

- American Museum Novitates* 555: 1-16, 7 figs. (6 September) [general; *Chaerephon lindseyi*, *Eutocus arabupuana*, *E. paulo*, *Mnestheus roraimae*, *Yanguna tatei*, *Eracon* (?) *duidae*, *Thespius duidensis*; Brazil, Venezuela, Guyana]
- 1933a. See Williams, R. C., Jr. & E. L. Bell, 1933.
- 1933b. Studies in the Pyrrhopyginae, with descriptions of new species (Lepidoptera, Rhopalocera, HesperIIDae). *Journal of the New York entomological Society* 41(3): 265-295 (27 October) [general; Neotropics]
- 1933c. On the HesperIIDae described by Mr. A. G. Weeks, Jr. (Lepidoptera). *Entomological News* 44(10): 264-270 (27 December) [general]
- 1934a. See Williams, R. C., Jr. & E. L. Bell, 1934a.
- 1934b. Studies in the Pyrrhopyginae, with descriptions of new species (Lepidoptera, Rhopalocera, HesperIIDae). *Journal of the New York entomological Society* 41(4): 481-529, pls. 30-38 (6 February) [general; *Jemadia merops*, *J. theseus*; Neotropics]
- 1934c. See Williams, R. C., Jr. & E. L. Bell, 1934b.
- 1934d. New American HesperIIDae (Lepidoptera, Rhopalocera). *Bulletin of the Brooklyn entomological Society* 29(3): 89-96, pl. 6 (1 June) [*Pyrrhopyge nigrocephala*, *Apyrothrix mulleri*, *Telegonus xerxes*, *Bungalotis scyrus*, *Discophellus porsena*; Mexico, Central and South America]
- 1934e. New HesperIIDae from Trinidad and Peru (Lepidoptera: Rhopalocera). *American Museum Novitates* 745: 1-6, 5 figs. (28 August) [*Celaenorrhinus bifurcus*, *Pythonides eminus*, *P. juxta*, *Potanthus maracanae*, *Rhinthon proximus*]
- 1934f. See Williams, R. C., Jr. & E. L. Bell, 1934c.
- 1934g. Studies in the Pyrrhopyginae (Lepidoptera, Rhopalocera). *Journal of the New York entomological Society* 42(4): 393-441, pls. 22-23 (9 November) [general; Neotropics]
1935. A new hesperid from Haiti (Lepidoptera; Rhopalocera). *Psyche* (Cambridge) 42(1): 63-67, 1 fig. (March) [*Poanes batesi*]
- 1937a. New genera and species of Neotropical HesperIIDae with notes on some others (Lepidoptera; Rhopalocera). *American Museum Novitates* 914: 1-17, 17 figs. (8 March) [general; *Oxynetra flavomaculata*, *Cogia evansi*, *Pellicia nebula*, *P. (?) damon*, *P. (?) phintias*, *P. (?) achates*, *Noctuana*, *Iliana* (new genus) *romulus*, *I. remus*, *Ouleus gorgus*, *Pholisora giselus boliviensis*, *P. chilpancingo*, *P. catharina*, *P. banosa*, *P. inornata*, *P. putumayo*, *P. aplica*, *P. balsa*, *P. (?) angulata*, *Pyrgus domicella margarita*; Mexico, Central and South America]
- 1937b. A new species of HesperIIDae, and notes on others, from Panama (Lepidoptera-Rhopalocera). *American Museum Novitates* 938: 1-7, 1 fig. (20 July) [general; *Eutyichide gertschi*]
- 1938a. A catalogue of the original descriptions of the Rhopalocera found north of the Mexican border. Part one. The Hesperioidea. *Bulletin of the Cheyenne Mountain Museum* 1(1): 1-35 (4 October) [general; Neotropics]
- 1938b. A new genus and five new species of Neotropical HesperIIDae (Lepidoptera-Rhopalocera). *American Museum Novitates* 1013: 1-11, 6 figs. (30 December) [*Phocides colombiana*, *P. nigrescens*, *Pholisora* (?) *maculata*, *Schausana*, *Thespius ovallei*, *Megathymus mejicanus*; Colombia, Ecuador, Peru, Brazil, Mexico]
1939. See Williams, R. C., Jr. & E. L. Bell, 1939.
- 1940a. A new genus and some new species of Neotropical HesperIIDae (Lepidoptera: Rhopalocera). *American Museum Novitates* 1064: 1-5, 8 figs. (2 May) [*Ochlodes santarus*, *Tirynthoides* (new genus) *eclates*, *T. pulchres*, *Perimeles massarus*, *Phanes hoffmanni*, *Euroto obido*, *E. schmithi*, *Carystus santus*; Brazil, Colombia, Peru, French Guiana, Bolivia]
- 1940b. See Williams, R. C., Jr. & E. L. Bell, 1940.
- 1940c. Some synonymy in Neotropical HesperIIDae (Lepidoptera). *Journal of the New York entomological Society* 48(2): 116 (19 June) [general]
- 1940d. A new genus and some new species of HesperIIDae from Peru, in the Bassler collection (Lepidoptera: Rhopalocera). *American Museum Novitates* 1094: 1-7, 8 figs. (20 December) [*Pyrrhopyge bassleri*, *Discophellus tarquinius*, *Basslerodea* (new genus) *mida*, *Celaenorrhinus disjunctus*, *Carrhenes santes*, *Pholisora morona*, *Metiscus horridus*, *Methionopsis purus*, *Eutocus minimus*; Ecuador]
- 1941a. Two new subspecies of *Phlebodes tiberius* Moeschler. *Journal of the New York entomological Society* 49(2): 193-197 (6 May) [*P. t. conspicuus*, *P. t. obscurus*; Brazil, Panama]
- 1941b. Two new species of HesperIIDae from North America (Lepidoptera). *Entomological News* 52(6): 163-169, 3 figs. (16 June) [*Antigonus evansi*; Mexico]
- 1941c. New species of Neotropical HesperIIDae (Lepidoptera: Rhopalocera). *American Museum Novitates* 1125: 1-10, 20 figs. (25 June) [*Atrytone ricana*, *A. nayana*, *A. (?) potesta*, *Rhinthon iquita*, *Vistigma zara*, *Papias larias*, *Mnasalcas* (?) *colomus*, *Vehilius danius*, *V. madius*, *V. putus*, *Lerodea schwarzi*, *L. remea*, *Parphorus nemorus*, *Carystus klugi*, *Callimormus igarapus*, *C. corus*, *Mnestheus zareus*, *Talides alternata*; Mexico, South America]
- 1941d. On *Lerodea telata* Herrich-Schaeffer and *tyrtaeus* Ploetz (Lepidoptera: HesperIIDae). *Entomological News* 52(7): 183-185, 2 figs. (18 July) [general; Neotropics]
- 1942a. New species of Venezuelan HesperIIDae (Lepidoptera-Rhopalocera). *Boletín de Entomología venezolana* 1(3): 73-77, 4 figs. (30 August) [*Pellicia rimana*, *P. kuma*, *Tigasis akuris*, *Papias venias*]
- 1942b. New genera and new species of Neotropical HesperIIDae (Lepidoptera: Rhopalocera). *American Museum Novitates* 1205: 1-9, 14 figs. (29 October) [*Drephalys heraclides*, *Cyclosemia laddeyi*, *Atrytone amicus*, *A. fieldi*, *Atrytonopsis rica*, *Panoquina bola*, *Thespius ninus*, *Caligulana*, *Oeonus zenus*, *Lerema* (?) *viridis*, *Papias monus*, *P. projectus*, *Anthoptus* (new genus) *visendus*, *Lycas* (?) *candidus*, *Thracides laddeyi*; Central and South America]
- 1942c. New records and new species of HesperIIDae from Mexico. (Lepidoptera: HesperIIDae). *Anales de la Escuela nacional de Ciencias biológicas* (México) 2(4): 455-468, 9 figs. (25 December) [general; *Xenophanes perplexus*, *Pholisora tepeca*, *Dalla dampfi*, *Atrytone balsa*, *A. mexicana*, *A. mulleri*, *Zariaspes aurora*, *Cobalus zetus*, *Lerodea similea*]
- 1946a. Some corrections to the "Studies in the Pyrrhopyginae". *Journal of the New York entomological Society* 54(3): 199-201 (17 September) [general]
- 1946b. A catalogue of the Hesperioidea of Venezuela. *Boletín de Entomología venezolana* 5(3/4): 65-203 (31 December) [general]
- 1947a. New species and subspecies of Neotropical HesperIIDae (Lepidoptera, Rhopalocera). *American Museum Novitates* 1330: 1-9, 8 figs. (11 February) [*Pyrrhopyge evansi*, *P. sergius bolius*, *P. s. ganus*, *P. amythaon peron*, *P. rileyi orientis*, *P. draudti lina*, *P. excelsus*, *Eracon zita*, *Quadrus eboneus*, *Euroto campo*, *Eutocus bocus*, *Artines montes*, *Mnestheus lotus*, *Perichares zikani*; Mexico, Central and South America]
- 1947b. A new species of HesperIIDae (Lepidoptera, Rhopalocera) from Venezuela. *Zoologica* (New York) 32(1): 67-68, 1 fig.

- (8 May) [*Yanguna flemingi*]
- 1947c. A new genus and some new species and subspecies of Neotropical Hesperidae (Lepidoptera, Rhopalocera). *American Museum Novitates* 1354: 1-12, 10 figs. (18 August) [*Phocides johnsoni*, *Codatractus amazonensis*, *Gorgopas viridiceps sneiderni*, *Pellicia borra*, *Pholisora lorea*, *Dalla quasca*, *D. q. equatoria*, *D. dora*, *Poanes zabulon richteri*, *Rhinthon sarus*, *Lerodea hoffmanni*, *Vorates paramus*, *Zalomes* (new genus) *colobus*; Colombia, Brazil, Ecuador, Mexico]
- 1947d. *Atrytone singularis* Herrich-Schäffer and the subspecies *insolata* Butler (Lepidoptera, Rhopalocera). *American Museum Novitates* 1385: 1-5, 1 fig. (22 August) [general; Cuba, Jamaica, Hispaniola]
- 1947e. Corrections of errata in "A catalogue of the Hesperioidea of Venezuela." *Boletín de Entomología venezolana* 6(2/4): 137-141 (31 December) [general]
1949. Two new species of *Telemiades* and notes on some others (Lepidoptera, Rhopalocera). *American Museum Novitates* 1385: 1-10, 7 figs. (3 January) [general; *T. fides*, *T. brazus*; Neotropics]
1955. See Dos Passos, C. F. & E. L. Bell, 1955.
1956. Descriptions of some new species of Neotropical Hesperidae (Lepidoptera, Rhopalocera). *American Museum Novitates* 1778: 1-13, 24 figs. (18 June) [*Urbanus plinius*, *U. prodicus*, *Astrartes hercules*, *Pythionides pescada*, *Potamanaxas bana*, *P. tunga*, *P. quira*, *Achlyodes munroei*; Bolivia, Mexico, Ecuador, Colombia, Cuba]
1959. Descriptions of some new species of Neotropical Hesperidae (Lepidoptera, Rhopalocera). *American Museum Novitates* 1962: 1-16, 27 figs. (16 September) [*Dalla pota*, *D. cola*, *Corticea graziellae*, *Zalomes dores*, *Moeris patriciae*, *Cobalopsis brema*, *Psoralis alis*, *Argon casca*, *Phlebodes pares*, *Oarisma bruneri*, *Paratrytone browni*, *Mellana agnesae*, *Vacerra molla*]
- Bell, Ernest Layton, and William Phillips Comstock**
1941. The synonymy of *Papilio coridon* Poda, *Papilio phocion* Fabricius and others. *Journal of the New York entomological Society* 49(4): 371-374 (10 December) [general]
1948. A new genus and some new species and subspecies of American Hesperidae (Lepidoptera, Rhopalocera). *American Museum Novitates* 1379: 1-23, 16 figs. (28 June) [*Chioides catillus churchi*, *Proteides mercurius vincenti*, *P. m. sanchesii*, *Polygonus manueli*, *P. m. punctus*, *Echelatus sempiternus dilloni*, *Achlyodes janus*, *Burca* (new genus) *stillmani*, *B. hispaniolae*, *Ephyriades dominicensis*, *Copaeodes stillmani*, *Atalopedes nabokovi*; Neotropics]
- Bell, Ernest Layton, and Cyril Franklin Dos Passos**
1954. The lectotype of *Megathymus aryxna* Dyar (Lepidoptera, Megathymidae). *American Museum Novitates* 1700: 1-5 (20 December) [Mexico]
- Bell, Katherine L.**
2019. See Nice, C. C. et al., 2019.
- Bellaver, Juliane, Cristiano Agra Iserhard, Jessie Pereira dos Santos, Ana Kristina Silva, Márcio Torres, Ricardo Russo Siewert, Alfred Moser and Helena Piccoli Romanowski**
2012. Borboletas (Lepidoptera: Papilionoidea e Hesperioidea) de matas paludosas e matas de restinga da planície costeira da região sul do Brasil. *Biota neotropica* 12(4): 181-190, 1 fig., 2 tabs. (9 November) [general]
- Bellido, Juan José**
- [2018]. See Vásquez, J. et al., [2018].
- Bellino, Jacques Nicolas** [1703-1772]
1763. *Description géographique de la Guyane. Contenant les possessions et les établissements des françois, des espagnols, des portugais, des hollandais dans ces vastes pays. Le climat les productions de la terre et les animaux. Leurs habitants, leurs moeurs, leurs coutumes et le commerce qu'on y peut faire. Avec des remarques pour la navigation et des cartes, plans, et figures.* Paris, Imprimerie de Didot. xiv + [2] + 294 + [1] pp., 10 pls., 20 maps. [general]
- Bellinger, Peter Frederick** [1921-2000]
- 1954a. The satyrid butterflies in the West Indies. *Natural History Notes of the natural History Society of Jamaica* 6(66): 100-101, 2 maps (May) [general]
- 1954b. Attraction of zebra males by female pupae. *Lepidopterists' News* 8(3/4): 102 (17 September) [*Heliconius charitonius* (Linnaeus); Jamaica]
- Bello, Ayr de Moura**
2009. See Uehara-Prado, M. et al., 2009.
- Bello, Segundo**
1991. Cultivo de la piña en la selva central del Perú. *Informe técnico INIAA-PICT* (Lima) 15: 1-46. [*Thecla basilides* (Geyer); host plant]
1994. See Julca, A. & S. Bello, 1994.
- Bello, Segundo, Hugo Villachica and Alberto Julca**
1997. Resistencia de cultivares de piña a la "broca de la fruta" *Thecla basilides* Geyer en Chanchamayo - Perú. *Acta horticulturae* 425: 187-192, 2 tabs. (1 December) [host plant; Peru]
- Bello-Cervantes, Eribel**
2015. See Rivas-Arancibia, S. P. et al., 2015.
- Belsky, Joseph, and Neelendra K. Joshi**
2018. Assessing role of major drivers in recent decline of monarch butterfly population in North America. *Frontiers in environmental Science* 6(86): 1-7, 1 fig. (24 August) [*Danaus plexippus* (Linnaeus); Mexico]
- Belt, Thomas** [1832-1878]
1874. *The naturalist in Nicaragua. A narrative of a residence at the gold mines of Chontales; journeys in the savannahs and forests. With observations on animals and plants in reference to the theory of evolution of living forms.* London, John Murray. xvi + 403 pp., 4 pls., figs., 1 map. [general; behavior]
- Beltrami, Lucas Caminha de Carvalho e, Olaf Hermann, Hendrik Mielke, Mirna Martins Casagrande and Eduardo Carneiro**
2014. The Hesperioidea and Papilionoidea (Lepidoptera) of São Luiz do Purunã, Balsa Nova, Paraná State, Brazil. *Tropical Lepidoptera Research* 24(1): 30-36, 17 figs., 1 tab. (20 June) [general]
- Beltrán, Leslie**
2015. See Astorga, G. et al., 2015.
- Beltrán, Margarita**
2005. See Jiggins, C. D. et al., 2005b.
- 2006a. See Bull, V. et al., 2006.
- 2006b. See Joron, M. et al., 2006b.
2007. See Mallet, J. L. B. et al., 2007.
2010. See Baxter, S. W. et al., 2010.
- Beltrán, Margarita, Christopher David Jiggins, Andrew Van Zandt Brower, Eldredge P. Bermingham and James Louis Borlase Mallet**
2007. Do pollen feeding, pupal-mating and larval gregariousness have a single origin in *Heliconius* butterflies? Inferences from multilocus DNA sequence data. *Biological Journal of the Linnean Society* 92(2): 221-239, 4 figs., 3 tabs. (October; published online 17 September) [general]

- Beltrán, Margarita, Christopher David Jiggins, Vanessa Bull, Mauricio Linares, James Louis Borlase Mallet, William Owen McMillan and Eldredge P. Bermingham**  
2002. Phylogenetic discordance at the species boundary: Comparative gene genealogies among rapidly radiating *Heliconius* butterflies. *Molecular Biology and Evolution* 19(12): 2176-2190, 4 figs., 6 tabs. (1 December) [Panama, Colombia, Ecuador, French Guiana]
- Beltrán-García, Miguel Juan**  
2017. See García-Mendoza, A. J. et al., 2017.
- Benavides, Johanna**  
2010. See Salazar, J. A. et al., 2010b.
- Benavides, Marcial, and Reinaldo Cárdenas**  
1970. Visita al corregimiento de Pueblo Tapado, Municipio de Montenegro, Quindío. Cabrito del plátano *Opsiphanes* sp. *Informe. Programa de Entomología ICA. Regional 5*: 4 pp. [Colombia]
- Bendaña, Guillermo**  
2017. Mariposas, mariposarios y granjas de mariposas. *Temas nicaragüenses* 106: 209-222, figs. (February) [general; Mexico, Nicaragua, Costa Rica]
- Bendicho-López, Aurora, Helena Castanheira de Morais, John Du Vall Hay and Ivone Rezende Diniz**  
2006. Lepidópteros folívoros em *Roupala montana* Aubl. (Proteaceae) no Cerrado *sensu stricto*. *Neotropical Entomology* 35(2): 182-191, 1 fig., 3 tabs. (March-April) [Riodinidae; host plants; Brazil]
- Benedek, Balázs**  
2004. See Bálint, Z. et al., 2004.
- Bénélu, Frédéric**  
2004. *Le Morpho, embleme de la Guyane?*, pp. 107-113, 1 fig. In: Gombauld, P. (Ed.), *Insectes de Guyane: Beauté et diversité*. Cayenne, Sepanguy (December) [general; French Guiana]  
2009. See Lamarre, G. P. A. & F. Bénélu, 2009.  
2013. See Faynel, C. & F. Bénélu, 2013.  
2016a. See Lamarre, G. P. A. et al., 2016.  
2016b. See Faynel, C. & F. Bénélu, 2016.  
2017. See Faynel, C. et al., 2017.
- Benetti-Longhini, Jennifer**  
2014. See Garzón, I. J. et al., 2014.  
2015. See Garzón, I. J. et al., 2015b.
- Benevides, Cristine Rodrigues**  
2019. See São Leão, L. C. et al., 2019.
- Benevides, Cristine Rodrigues, Maria Cristina Gaglianone and Magali Hoffmann**  
2009. Visitantes florais do maracujá-amarelo (*Passiflora edulis* f. *flavicarpa* Deg. Passifloraceae) em áreas de cultivo com diferentes proximidades a fragmentos florestais na região Norte Fluminense, RJ. *Revista brasileira de Entomologia* 53(3): 415-421, 7 figs., 2 tabs. (30 September) [*Dione juno* (Cramer), *Phoebis sennae* (Linnaeus); Brazil]
- Bengry, R. P.**  
1946a. Insects at Corn Puss Gap. *Natural History Notes of the natural History Society of Jamaica* 3(28): 60 (July) [general; Jamaica]  
1946b. Some observations on the life cycle of *Papilio polydamus* [sic] *jamaicensis* at Munro College, St. Elizabeth. *Natural History Notes of the natural History Society of Jamaica* 3(28): 64-66, 6 figs. (July) [egg, larva, pupa, imago; host plant; Jamaica]  
1947. A walk from Papine to Newcastle on April 8th, 1947. *Natural History Notes of the natural History Society of Jamaica* 3(31): 112-113 (August) [general; Jamaica]  
1948. The Clydesdale Camp. Summer 1947. *Natural History Notes of the natural History Society of Jamaica* 3(32): 129-130, 137 (January) [general; Jamaica]
- 1949a. A trip to the Cockpit Country. *Natural History Notes of the natural History Society of Jamaica* 4(38): 25-26 (May) [*Papilio andraemon* (Hübner); Jamaica]  
1949b. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 4(39): 48 (August) [Jamaica]  
1950a. The Clydesdale Camp 1949. *Natural History Notes of the natural History Society of Jamaica* 4(40): 69-71 (January) [general; Jamaica]  
1950b. The Clydesdale Camp 1950. *Natural History Notes of the natural History Society of Jamaica* 4(44): 155-158, figs. (September) [general; Jamaica]  
1953. Cave notes (with special reference to Mosely Hall Cave). *Natural History Notes of the natural History Society of Jamaica* 5(58): 165-167, figs. (January) [*Phoebis statira* (Cramer); Jamaica]  
1954. Trip to Lime Cay. *Natural History Notes of the natural History Society of Jamaica* 6(65): 69-70, 1 fig. (March) [*Panoquina panoquinoides* (Skinner); Jamaica]  
1955a. A note on *Ageronia februa antillana* Hall. *Natural History Notes of the natural History Society of Jamaica* 6(71): 209, 2 figs. (March) [Jamaica]  
1955b. Windsor Camp diary, August 20-31, 1955. *Natural History Notes of the natural History Society of Jamaica* 7(74): 31-35, 1 map (September) [*Brephidium isophthalma* (Herrich-Schäffer); Jamaica]
- Bengtsson, Bengt Å.**  
2011. See Nieuwerkerken, E. J. van et al., 2011.
- Benítez, Edgar Arturo**  
1988. *Catálogo de lepidópteros coleccionados en el Departamento de Entomología de la Facultad de Ingeniería Agronómica*. San Lorenzo, Universidad Nacional de Asunción. i + 23 pp. [general; Paraguay]  
2002. *Listado de nombres científicos y vulgares de plagas agrícolas y forestales del Paraguay*. San Lorenzo, Universidad Nacional de Asunción. 40 pp. (Ed. 2; Ed. 1, 1992) [general; host plants]
- Benítez, Hugo Alejandro**  
2012. See Sanzana, M.-J. et al., 2012.  
2013a. See Vargas, H. A. & H. A. Benítez, 2013.  
2013b. See Sanzana, M.-J. et al., 2013.  
2018. See Vargas-Ortiz, M. et al., 2018.
- Benítez, Hugo Alejandro, Amado Villalobos-Leiva, Rodrigo Ordenes and Franco Cruz-Jofré**  
2019. Elevational record of *Vanessa carye* (Hübner, 1812) (Lepidoptera Nymphalidae) in the northern Chilean Altiplano highlands. *Nota lepidopterologica* 42(2): 157-162, 4 figs. (21 October)
- Benítez, Julieta**  
2012. See Santos, B. A. & J. Benítez, 2012.
- Benítez, Santiago, Mariano Andrés Ordano, Juan Enrique Fornoni, Karina Boege and César Augusto Domínguez**  
2011. Selection on signal-reward correlation: limits and opportunities to the evolution of deceit in *Turnera ulmifolia* L. *Journal of evolutionary Biology* 23(12): 2760-2767, 1 fig., 2 tabs. (December; published online 12 October) [general; pollination; Mexico]
- Benjamin, Foster Hendrickson** [1895-1936]  
1926a. See Barnes, W. & F. H. Benjamin, 1926a.  
1926b. See Barnes, W. & F. H. Benjamin, 1926b.
- Benjamin, Tamara J.**  
2018. See Pérez-García, O. et al., 2018.
- Benmesbah, Mohamed**  
2012. See Brévignon, C. & M. Benmesbah, 2012.  
2014. See Attal, S. & M. Benmesbah, 2014.  
2015. Description de deux nouvelles espèces de Satyrinae de Guyane française (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 120(2): 147-156, 33

- figs. ([17] June) [*Megeuptychia souadae*, *Cissia touloulou*]
2017. See Zacca, T. et al., 2017a.
2018. See Costa, M. et al., 2018.
- 2019a. See Costa, M. et al., 2019a.
- 2019b. See Costa, M. et al., 2019b.
- 2019c. See Costa, M. et al., 2019c.
- Benmesbah, Mohamed, Mauro Costa, Stéphane Attal, Ángel Luis Vilorio and Jérôme Muriene**
2019. Descripción de una nueva especie del género *Doxocopa* Hübner, 1819, del Chocó ecuatoriano (Lepidoptera Nymphalidae Apaturinae). *Antenor* 6(1): 19-28, 22 figs. ("15 July", [17 July]) [*D. willmotti*]
- Benmesbah, Mohamed, Thamarza Zacca, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke, Gerardo Lamas and Keith Richard Willmott**
2018. Taxonomic notes on *Papilio ocypete* Fabricius, 1776 and *Papilio helle* Cramer, 1779 with description of two new similar species from South America (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 4425(1): 115-145, 111 figs., 2 tabs. (29 May) [*M. louisammour*, *M. kamef*]
- Bennett, Alfred William** [1833-1902]
1870. The theory of natural selection from a mathematical point of view. *Nature* (London) 3(2): 30-33 (10 November) [general; evolution of mimicry]
1877. Is protective mimicry due to natural selection? *American Naturalist* 11(1): 3-7 (January) [*Apatura*; South America]
- Bennett, Fred Douglas**
1970. See Frank, J. H. & F. D. Bennett, 1970.
1994. See Medina, S. et al., 1994.
- 1995a. See Cruttwell-McFadyen, R. E. & F. D. Bennett, 1995.
- 1995b. See Peña, J. E. & F. D. Bennett, 1995.
- Bennett, Fred Douglas, and Muhammed M. Alam**
1985. *An annotated check-list of the insects and allied terrestrial arthropods of Barbados*. Barbados, Caribbean Agricultural Research and Development Institute. vi + 81 pp., 1 tab. (May) [general; host plants]
- Bennett, Fred Douglas, and Idwal Walwyn Hughes**
1959. Biological control of insect pests in Bermuda. *Bulletin of Entomological Research* 50(3): 423-436 ([24] November) [*Calpodus ethlius* (Cramer); host plant; parasitoids; Trinidad]
- Bennett, Robert, and Edward C. Knudson**
1976. Additional new butterfly records from Florida. *Journal of the Lepidopterists' Society* 30(3):234-235 (22 September) [general; Neotropics]
- Benoist, Raymond** [1881-1970]
1933. Deux plantes pièges pour les lépidoptères en Guyane Française. *Annales de la Société entomologique de France* 102(1): 107-108 (30 March) [general; behavior]
- Benrey, Betty**
1988. See Soberón, J. et al., 1988.
1997. See Denno, R. F. & B. Benrey, 1997.
- Benrey, Betty, Carlos Rafael Cordero, Gabriela Jiménez and Jorge Soberón**
1994. *Ecología y conducta de la mariposa Callophrys xami* (Lycaenidae), pp. 261-273, 8 figs., 1 tab. In: Rojo, A. (Ed.), *Reserva Ecológica "El Pedregal de San Ángel": Ecología, historia natural y manejo*. México, Universidad Nacional Autónoma de México (May) [Mexico]
- Benson, Woodruff Whitman**
1971. Evidence for the evolution of unpalatability through kin selection in the Heliconiinae (Lepidoptera). *American Naturalist* 105(943): 213-226, 2 tabs. (30 June) [general; mimicry; Neotropics]
1972. Natural selection for Müllerian mimicry in *Heliconius erato* in Costa Rica. *Science* 176(4037): 936-939, 1 fig., 3 tabs. (26 May) [general]
1973. Zonas de hibridização entre raças de *Heliconius* (Lepid, Nymphalidae): Implicações ecológicas. *Ciência e Cultura* (São Paulo) 25(6, suppl.): 371 (June) [abstract]
1974. See Brown, K. S., Jr. & W. W. Benson, 1974.
- 1975a. See Brown, K. S., Jr. & W. W. Benson, 1975a.
- 1975b. See Brown, K. S., Jr. & W. W. Benson, 1975b.
1977. See Brown, K. S., Jr. & W. W. Benson, 1977.
1978. Resource partitioning in passion vine butterflies. *Evolution* 32(3): 493-518, 1 fig., 8 tabs. (24 October) [Heliconiini; ecology; behavior; evolution; Costa Rica, Trinidad, Brazil].
1982. *Alternative models for infrageneric diversification in the humid tropics: Tests with passion vine butterflies*, pp. 608-640, 13 figs., 1 tab. In: Prance, G. T. (Ed.), *Biological Diversification in the Tropics*. New York, Columbia University Press. [Heliconiinae]
- 1985a. See Sheppard, P. M. et al., 1985.
- 1985b. See Oliveira, E. G. de et al., 1985.
1988. See Bentley, B. A. & W. W. Benson, 1988.
- 1997a. See Andrade, I. & W. W. Benson, 1997.
- 1997b. See Freitas, A. V. L. et al., 1997.
1998. See Hernández, M. I. M. & W. W. Benson, 1998.
2006. See Chaves, G. W. et al., 2006.
2008. See Peixoto, P. E. C. & W. W. Benson, 2008.
2009. See Peixoto, P. E. C. & W. W. Benson, 2009.
- 2010a. See Marini-Filho, O. J. & W. W. Benson, 2010.
- 2010b. See Peixoto, P. E. C. & W. W. Benson, 2010.
2011. See Cardoso, P. E. C. & W. W. Benson, 2011.
- 2012a. See Peixoto, P. E. C. & W. W. Benson, 2012.
- 2012b. See Peixoto, P. E. C. et al., 2012.
2015. See Souza, T. S. et al., 2015a.
2016. See Carvalho, M. R. M. et al., 2016.
- Benson, Woodruff Whitman, Keith Spalding Brown, Jr. and Lawrence Edmund Gilbert**
1976. Coevolution of plants and herbivores: passion flower butterflies. *Evolution* 29(4): 659-680, 10 figs., 2 tabs. (12 March) [Heliconiini; host plants; behavior; Neotropics]
- Benson, Woodruff Whitman, and Thomas Chadbourne Emmel**
1973. Demography of gregariously roosting populations of the nymphaline butterfly *Marpesia berania* in Costa Rica. *Ecology* 54(2): 326-335, 5 figs., 2 tabs. (April) [general; behavior]
- Benson, Woodruff Whitman, Célio Fernando Baptista Haddad and Márcio Zikán Cardoso**
1989. Territorial behavior and dominance in some heliconiine butterflies (Nymphalidae). *Journal of the Lepidopterists' Society* 43(1): 33-49, 3 figs., 2 tabs. (3 March) [*Eueides tales* (Cramer), *Heliconius leucadia* Bates, *H. sara* (Fabricius); Brazil]
- Bentancourt, Carlos María, and Iris Beatriz Scatoni**
1996. *Lepidópteros de importancia económica. Reconocimiento, biología y daños de las plagas agrícolas y forestales*. Montevideo, Editorial Hemisferio Sur. Vol. 2. [x] + 130 pp., 70 figs., 15 tabs. [general; host plants; Uruguay]
2002. Primer registro para Uruguay de *Brassolis astyra* Godart (Lepidoptera, Nymphalidae, Brassolini). *Agrociencia* (Montevideo) 6(2): 87-89, 2 figs.
- Bentancur, María Graciela**
- 2006a. *Familia Nymphalidae. Fascículo 1. Serie Zoología. Volumen V (Arthropoda). Tomo I (Lepidoptera). Enciclopedia Zoobotánica. Flora y Fauna de Uruguay, Argentina, Brasil y Paraguay*. [Maldonado], Fernando Pérez Piedrabuena. 8: 1-16, figs. (December) [general]
- 2006b. *Familia Nymphalidae. Fascículo 2. Serie Zoología. Volumen V (Arthropoda). Tomo I (Lepidoptera). Enciclopedia Zoobotánica. Flora y Fauna de Uruguay*,

- Argentina, Brasil y Paraguay*. [Maldonado], Fernando Pérez Piedrabuena. 9: 1-16, figs. (December) [general]
2009. Lista de los Papilionoidea y Hesperioidea del Uruguay (Insecta: Lepidoptera). *Shilap* 37(145): 23-40 (30 March) [general]
2011. *Mariposas de Uruguay, Argentina, Brasil y Paraguay*. [Maldonado], Author. 96 pp., figs. (February) [general]
- Bentancur, María Gabriela, José Carlos Guerrero and Enrique Regino Morelli**
- 2015a. Insecta, Lepidoptera, Lycaenidae, *Arcas ducalis* (Westwood, 1852): first record from Uruguay. *Check List* 11(5)(1733): 1-3, 4 figs. (9 September)
- 2015b. Atlas de los Papilionidae (Insecta: Lepidoptera) de la colección de Facultad de Ciencias, Montevideo, Uruguay. *Boletín de la Sociedad zoológica del Uruguay* (2)24(1): 44-51, 1 fig. 1 tab. [general]
- Bentancur, María Gabriela, Fernando Pérez-Piedrabuena and Lucas Augusto Kaminski**
2017. First record of *Synargis gorpa* (Lepidoptera: Riodinidae) in the Pampean grasslands of Uruguay. *Journal of the Lepidopterists' Society* 71(2): 122-125, 7 figs. (13 June) [behavior]
- Bentley, Barbara A., and Woodruff Whitman Benson**
1988. *The influence of ant foraging patterns on the behaviour of herbivores*, pp. 297-306, 1 fig., 2 tabs. In: Trager, J. C. (Ed.), *Advances in myrmecology*. London, E. J. Brill. [Heliconiinae; Brazil]
- Bentley, Jeffery W.**
2001. Diccionario campesino hondureño. *Ceiba* 42(2): 79-157, figs. (December) [*Ascia monuste* (Linnaeus), *Leptophobia aripa* (Boisduval); host plants; Honduras]
- Bentzen, Michael M.**
1981. See Pyle, R. M. et al., 1981.
- Benyamini, Dubi [1942- ]**
- 1995a. New courtship posture in females of two Chilean butterflies: Rejective or receptive? *Journal of Research on the Lepidoptera* 31(3/4): 291-292, 1 fig. (1 November) [*Hylephila fasciolata* (Blanchard), *H. signata* (Blanchard)]
- 1995b. Synopsis of biological studies of the Chilean Polyommata (Lepidoptera, Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 52: 1-51, pls. 7-18, figs. A-L, 10 tabs. (28 December) [life histories; host plants; parasitoids; myrmecophily; behavior]
1996. Pupal summer diapause in Chilean *Pieris brassicae* (Linnaeus, 1758) (Lepidoptera, Pieridae). *Nota lepidopterologica* 18(3/4): 184-192, 2 figs., 2 tabs. (13 May)
- 2001a. See Bálint, Z. & D. Benyamini, 2001.
- 2001b. See Bálint, Z., D. Benyamini et al., 2001.
2005. Euphorbiaceae – a new host-plant family for *Carcharodus alceae* Esper, 1780 (Lepidoptera: Hesperidae) and a discussion on the use of Euphorbiaceae by butterfly larvae (Papilionoidea, Hesperioidea) in the world. *Nota lepidopterologica* 28(2): 75-92, 11 figs., 5 tabs. (12 August) [general]
2008. Is *Euchloe falloui* Allard, 1867 (Pieridae) the butterfly with the longest diapause? *Nota lepidopterologica* 31(2): 293-295, 2 figs. (15 November) [general; ecology; Chile]
- 2011a. See Vila, R. et al., 2011.
- 2011b. *Danaus eresimus* (Cramer, 1777) new to Chile and the status in that country of *Danaus erippus* (Cramer, 1776). *Tropical Lepidoptera Research* 21(2): 98-99, 3 figs. (1 December)
- 2013a. *Pseudolucia balinti* sp. n. of the *plumbea-sibylla* species group in Central-West Argentina (Lepidoptera, Lycaenidae: Polyommatainae). *Folia entomologica hungarica* 74: 157-174, 18 figs., 1 tab. [host plants; predators; behavior]
- 2013b. See Bálint, Z. & D. Benyamini, 2013.
- 2016a. See Pýrcz, T. W. et al., 2016a.
- 2016b. See Ramírez-Fischer, F. J. et al., 2016.
2017. See Bálint, Z. & D. Benyamini, 2017.
2018. See Guerra, J. F. et al., 2018.
- Benyamini, Dubi, and Zsolt Bálint**
1995. Studies of life history and myrmecophily in certain Chilean *Pseudolucia* Nabokov (Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 51: 1-7, 1 fig., 2 tabs. (28 December)
2011. Descriptions of eight new *Pseudolucia* species from Chile (Lepidoptera, Lycaenidae: Polyommatainae). *Annales historico-naturales Musei nationalis hungarici* 103: 261-280, 23 figs. (after 21 March) [*P. barrigai*, *P. faundezi*, *P. johnsoni*, *P. luzmaria*, *P. munozae*, *P. zoellneri*, *P. sigal*, *P. valentina*; host plants]
- [2016]. Descriptions of eight new *Pseudolucia* species from Argentina with an updated list of species distributed in the austral regions of South America (Lepidoptera, Lycaenidae: Polyommatainae). *Folia entomologica hungarica* 76: 173-216, 68 figs., 1 tab. ("December 2015"; published online 14 April 2016) [*P. calingasta*, *P. atutia*, *P. ofir*, *P. ulibarii*, *P. sosneada*, *P. kieslingi*, *P. mercedaria*, *P. pilgrama*; host plants; Chile, Brazil]
- Benyamini, Dubi, Zsolt Bálint and Kurt Duane Johnson**
- 1995a. Additions to the diversity of the polyommataine genus *Madeleinea* Bálint (Lepidoptera, Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 47: 1-5, pl. 6, 4 figs., 1 tab. (28 December) [new species: *M. lea*, *M. sigal*; Bolivia, Chile]
- 1995b. Two new *Pseudolucia* species from the high Andean region of temperate South America with revision of the status of *P. andina neuqueniensis* Bálint and Johnson. *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 48: 1-9, pl. 6, 6 figs., 1 tab. (28 December) [*P. avishai*, *P. talia*; Argentina, Chile]
- 1995c. Recently discovered new species of *Pseudolucia* Nabokov (Lepidoptera, Lycaenidae) from Austral South America. *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 53: 1-5, pl. 6, 8 figs. (28 December) [*P. zina*, *P. asafi*, *P. magallana*; Chile]
- Benyamini, Dubi, and Kurt Duane Johnson**
1996. Review of Austral *Heoda*, with a new species from Chile (Lepidoptera: Lycaenidae: Eumaeini). *Tropical Lepidoptera* 7(1)(1): 13-20, 11 figs., 1 tab. (25 June) [*H. erani*; distribution; ecology]
- Benyamini, Dubi, Alfredo J. Ugarte, Arthur Maurice Shapiro, Olaf Hermann Hendrik Mielke, Tomasz Wilhelm Pýrcz and Zsolt Bálint**
2014. An updated list of the butterflies of Chile (Lepidoptera, Papilionoidea and Hesperioidea) including distribution, flight period and conservation status. Part I, comprising the families: Papilionidae, Pieridae, Nymphalidae (in part) and Hesperidae describing a new species of *Hypsochila* (Pieridae) and a new subspecies of *Yramea modesta* (Nymphalidae). *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 63: 9-31, 2 pls., 4 figs., 4 tabs. (after 3 December; published online after 21 March) [*H. pelambres*, *Y. m. araucania*]
- Berbert-Molina, Marília Amorim**
2010. See Jardim, B. de C. et al., 2010.
- Bercellini, N., and L. Malacalza**
1994. Plagas y depredadores en soja en el noroeste de la provincia de Buenos Aires (Arg.). *Turrialba* 44(4): 244-254, 3 figs (October-December) [*Colias lesbia* (Fabricius); host plant]
- Berenbaum, May Roberta [1953- ]**
1986. *Postingestive effects of phytochemicals on insects: on*



- Paracelsus and plant products*, pp. 121-153, 2 figs. In: Miller, J. R. & T. A. Miller (Eds.), *Insect-Plant Interactions*. New York, Springer Verlag. [*Papilio polyxenes* Fabricius, *Heliconius cydno* (Doubleday); Costa Rica]
1989. See Weis, A. E. & M. R. Berenbaum, 1989.
1990. Evolution of specialization in insect-umbellifer associations. *Annual Review of Entomology* 35: 319-343. [*Papilio*; host plants]
- 1995a. *Chemistry and oligophagy in the Papilionidae*, pp. 27-38, 2 figs., 2 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- 1995b. *Swallowtails on stamps*, pp. 447-450, 2 figs., 2 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- Berg, Cássion van den**  
2000. See Andrade, I. et al., 2000.
- Berg, Friedrich Wilhelm Karl [= Carlos]** [1843-1902]
- 1875a. Lepidópteros patagónicos. Observados en el viage de 1874. *Actas de la Academia nacional de Ciencias exactas en Córdoba* 1(4): 63-102 (after November) [general; larvae; host plants; new species: *Pieris achamantis*; Argentina]
- 1875b. Suplemento a la descripción de los lepidópteros patagónicos. *Actas de la Academia nacional de Ciencias exactas en Córdoba* 1(7): 155-158 (after November) [*Pieris vanvolxemii* Capronnier, *Colias lesbia* (Fabricius); Argentina]
1876. Patagonische Lepidopteren beobachtet auf einer Reise im Jahre 1874. *Bulletin de la Société impériale des Naturalistes de Moscou* 49(4): 191-247 ("1875", 1876) [general; Argentina]
- 1877a. Contribución al estudio de la fauna entomológica de Patagonia. *Anales de la Sociedad científica argentina* 4(2): 87-102 (August) [general; new species: *Satyrus morania*, *S. quies*, *Epinephele gyrtone*; Argentina]
- 1877b. Beiträge zu den Lepidopteren Patagoniens. *Bulletin de la Société impériale des Naturalistes de Moscou* 52(2)(1): 1-22 (after 13 October) [*Satyrus morania* Berg, *S. quies* Berg, *Epinephele gyrtone* Berg; Argentina]
1878. [A note]. *Annales de la Société entomologique de Belgique* 21(1): xxii-xxiii (22 June) [*Pieris vanvolxemii* Capronnier = *P. achamantis* Berg; Argentina]
1880. Entomologisches aus dem Indianergebiet der Pampa. *Stettiner entomologische Zeitung* 42(1/3): 36-72 (late December) [general; Argentina]
1881. *Enumeración y descripción de los insectos de la Expedición al Río Negro (Patagonia), coleccionados por el Dr. Adolfo Doering*, pp. 77-115, pl. 2. In: *Informe Oficial de la Comisión Científica agregada al Estado Mayor General de la Expedición al Río Negro (Patagonia) realizada en los meses de Abril, Mayo y Junio de 1879, bajo las órdenes del General D. Julio A. Roca. I.-Zoología*. Buenos Aires, Ostwald y Martínez. ([1 November]) [general; Pieridae; Argentina]
1882. Farrago lepidopterologica. Contribuciones al estudio de la fauna argentina y países limítrofes. *Anales de la Sociedad científica argentina* 13(4): 164-183 (April) [general; new species: *Satyrus thione*, *Riodina lysippoides*, *Siseme hothurus*, *Thecla acastoides*; Chile, Uruguay]
1883. Miscellanea lepidopterologica. Contribuciones al estudio de la fauna argentina y países limítrofes. *Anales de la Sociedad científica argentina* 15(4): 151-169 (April) [*Lemonias tenellus* Burmeister]
1886. Observaciones sobre los estados preparatorios de algunos lepidópteros argentinos. *Anales de la Sociedad científica argentina* 21(6): 277-281 ("June", after July) [*Thyridia themisto* Hübner; host plant; life history]
1889. [A note]. *Bulletin des Séances de la Société entomologique de France* 1889(24, suppl.): ccxli-ccxlii ([31 December]) [also in *Bulletin de la Société entomologique de France* (6)9(4): ccxli-ccxlii (28 May 1890)] [general; Argentina]
1890. [A note]. *Bulletin des Séances de la Société entomologique de France* 1890(16): clxix-clxx ([8 November]) [also in *Bulletin de la Société entomologique de France* (6)10(4): clxix-clxx (25 February 1891)] [*Neosatyris* synonymy; Argentina]
1892. Canibalismo entre insectos. *Anales de la Sociedad científica argentina* 34(5): 236-238 (November) [*Pyrameis carye* Hübner; Argentina]
1895. Révision et description des espèces argentines et chiliennes du genre *Tatochila* Butl. *Anales del Museo nacional de Buenos Aires* (2)4: 217-255, 5 figs. ([18 November]) [general; South America]
1896. Descripción de tres nuevos lepidópteros de la colección del Museo Nacional de Buenos Aires. *Anales del Museo nacional de Buenos Aires* (2)5: 1-4, 3 figs. ("4", [8 May]) [*Barbicornis acroleuca*, *Riodina luctus*, *Thecla (Uranotes) valentina*; Argentina, Paraguay]
1897. Comunicaciones lepidopterológicas acerca de veinticinco ropalóceros sudamericanos. *Anales del Museo nacional de Buenos Aires* (2)5: 233-261 ("7", [20 April]) [general; new taxa: *Melinaea mnemopsis*, *Sarmientoia*, *Wallengrenia*, *Pseudosarbia* (new genus) *phoenicola* (note: spelling is *phoenicola* on p. 256 but *phoenicicola* in Index, p. 260); larva and host plant of *P. phoenicola*; Mexico, Central and South America]
- 1899a. Observaciones sobre lepidópteros argentinos y otros sudamericanos. *Anales del Museo nacional de Buenos Aires* (2)6: 369-390 ("3", [6 May]) [general; Central and South America]
- 1899b. *Brenthis cytheris* y *Brenthis dexamene*. *Comunicaciones del Museo nacional de Buenos Aires* 1(4): 110-115, pl. 3 (29 September) [taxonomy; Argentina, Chile]
- Bergamo, Pedro Joaquim**  
2018. See Pansarin, E. R. et al., 2018.
- Berge, Karl Friedrich** [1811-1883]
1842. *Schmetterlingsbuch oder allgemeine und besondere Naturgeschichte der Schmetterlinge, mit besonderer Rücksicht auf die europäischen Gattungen. Nebst einer vollständigen Anweisung, sie zu fangen, zu erziehen, zuzubereiten und aufzubewahren*. Stuttgart, Hoffmann'sche Verlagshandlung. iv + viii + 110 pp., 48 pls. ([17 February]) [Ed. 2, 1851; Ed. 3, 1863] [general]
- Bergelson, Joy**  
2018. See Nallu, S. et al., 2018.
- Berger, Lucien Adolphe** [1907-2000]
1937. Variations et aberrations de lépidoptères. Formes nouvelles de *Colias*. *Lambillionea* 37(7): 146-147, pl. 9 (25 July) [*C. dimera* form *superba*, *C. d.* form *alba*; Colombia]
1939. Résultats scientifiques des croisières du navire-école belge "Mercator". Lépidoptères-Rhopalocères. *Mémoires du Musée royal d'Histoire naturelle de Belgique* (2)15: 181-207 (31 December) [general; Brazil, West Indies]
1948. A propos de Pieridae. *Bulletin et Annales de la Société royale entomologique de Belgique* 84(1/2): 28-32 (28 February) [general; Neotropics]
1970. Quelle valeur faut-il attribuer aux insectes? *Africa-Tervuren* 16(3/4): 3pp, 3 figs. [general]
1981. Observations sur quelques espèces de *Colias* F. (Lep.

- Pieridae). *Lambillionea* 81(1/4): 28-31, 2 pls. (15 November) [*Colias euxanthe euxanthe* new form *gynomorpha*; South America]
- 1983a. [Plates V and VI]. *Lambillionea* 82(11/12, suppl.): pls. 5-6 (30 September) [*Colias lesbia* (Fabricius); Argentina, Bolivia, Ecuador]
- 1983b. Notes sur les *Colias* néotropicaux. Lépidoptères Pieridae. *Lambillionea* 83(1/4): 4-13, pl. 1 (30 November) [new taxa: *C. euxanthe euxanthe* form *lutea*, *C. e. coeneni*, *C. verhulsti*, *C. v.* form *aurantiaca*, *C. lesbia meieri*]
1986. Systématique du genre *Colias* F. Lepidoptera-Pieridae. *Lambillionea* 86(7/8, suppl.): 1-68, pls. 3-4, 24 figs. (25 August) [general; new subgenera: *Palaeocolias*, *Eucolias*, *Similicolias*, *Paracolibas*]
1987. Holotypes et faux types. *Lambillionea* 87(5/6): 80 (25 June) [*Colias flaveola* Blanchard, *C. verhulsti* Berger]
- Berger, Ryan**  
2010. See Greeney, H. F. et al., 2010e.
- Berges, Gerardo**  
1988. See Soberón, J. et al., 1988.
- Berghoff, Stefanie M.**  
2011. See Rettenmeyer, C. W. et al., 2011.
- Bergman, Karl-Olof**  
2013. See Pardonnet, S. et al., 2013.
- Bergmann, Eliana Cherubini**  
1986. See Paschoal, I. et al., 1986.  
1990. See Garcia, I. P. et al., 1990.  
1995. See Garcia, I. P. & E. C. Bergmann, 1995.
- Bergmann, Eliana Cherubini, Airtón Dieguez Brisolla, Ivone Paschoal Garcia and Rosiris Bergemann de Aguiar Silveira**  
1986. Ocorrência de *Battus polydamas* (Linné, 1758), (Lepidoptera-Papilionidae) danificando *Aristolochia gigantea* Mart. & Zucc., em São Paulo. *O Biológico* 52(1/3): 19-22, 5 figs. (January-March) [Brazil; life history]
- Bergmann, Eliana Cherubini, Ana Maria de Faria, Saint Clair Seli Fernandes, M. de L. Perazzolo and Nelson Teixeira de Mendonça**  
1990. Lepidópteros asociados à seringueira (*Hevea brasiliensis*) em Ibitinga-SP. *Ecossistema* (Espírito Santo do Pinhal, São Paulo) 15: 104-113, 2 figs. (October) [*Ageronia*, *Eurema*, *Hesperia*, *Urbanus*; Brazil]
- Berio, Emilio** [1905-1993]  
1964. Comment to the proposal of rejection for nomenclatural purposes of Hübner's paper entitled "Erste Zuträge zur Sammlung exotischer Schmetterlinge" printed in 1808, as submitted by J. W. B. Nye (Bull. Zool. Nomencl., vol. XXI, pt. 6, March 1964). *Memorie della Società entomologica italiana* 43: 129-144 (30 September) [general]  
1965. Comment on the proposed rejection of Hübner's Erste Zuträge, 1808. *Bulletin of zoological Nomenclature* 22(3): 154-155 (13 August)  
1966. Reply to Tams' comment concerning Hübner's "Erste Zuträge". *Bulletin of zoological Nomenclature* 22(5/6): 341-342 (31 January)
- Berjano, Regina**  
2014. See Carrión, J. et al., 2014.
- Berkov, Amy**  
2007. See Feinstein, J. et al., 2007.  
2010. See Robbins, R. K. et al., 2010a.
- Berlín, Jorge Adrián, and Luis Delgado**  
2012. *Distribución geográfica y estacional de lepidópteros diurnos en Salamanca*, pp. 195-198, 2 figs., 1 tab. In: Comisión Nacional para el Conocimiento y Uso de la Biodiversidad (CONABIO), *La biodiversidad en Guanajuato: Estudio de estado*. Mexico, Conabio. 2. (December) [general; Mexico]
- Berlingeri, Carina**  
1995. See Brown, K.S., Jr. et al., 1995.
- Bermingham, Eldredge P.**  
2002a. See Davies, Niel & E. P. Bermingham, 2002.  
2002b. See Dasmahapatra, K. K. et al., 2002.  
2002c. See Beltrán, M. et al., 2002.  
2003. See Blum, M. J. et al., 2003.  
2005a. See Mallarino, R. et al., 2005.  
2005b. See Salazar, C. A. et al., 2005.  
2005c. See Jiggins, C. D. et al., 2005b.  
2006a. See Bull, V. et al., 2006.  
2006b. See Mavárez, J. et al., 2006.  
2006c. See Jiggins, C. D. et al., 2006.  
2006d. See Joron, M. et al., 2006b.  
2007. See Beltrán, M. et al., 2007.  
2008a. See Arias, C. F. et al., 2008.  
2008b. See Giraldo, N. et al., 2008.  
2010. See Salazar, C. A. et al., 2010.  
2012. See Arias, C. F. et al., 2012.  
2014. See Arias, C. F. et al., 2014.
- Bermúdez, Christian**  
2009. *Insectos migratorios en Colombia*, pp. 133-137, 213-214, 1 fig., tab. 3.17. In: Naranjo, L. G. & J. D. Amaya (Eds.), *Plan nacional de las especies migratorias. Diagnóstico e identificación de acciones para la conservación y el manejo sostenible de las especies migratorias de la biodiversidad en Colombia*. Bogotá, Ministerio de Ambiente, Vivienda y Desarrollo Territorial. (October) [general]
- Bermúdez, Feliberto**  
2011. Registro de *Papilio demoleus* (Linnaeus, 1758) en el norte de Holguín, Cuba (Lepidoptera: Papilionidae). *Boletín de la Sociedad entomológica aragonesa* 49: 282, 1 fig. (31 December)
- Bermúdez, Feliberto, David F. Hernández, Rayner Núñez, Pascual S. Villar, José Raúl Suárez and Alexis Silva**  
2016. Mariposas de los alrededores de Gibara. Holguín, Cuba (Lepidoptera: Hesperioidea y Papilionoidea). *Poeyana* 502: 39-43, 1 fig., 1 tab. (June) [general]
- Bermúdez, Felipe J.**  
2008. See Inclán, D. J. et al., 2008.
- Bermúdez, Kalina**  
2017. See Legal, L. et al., 2017.
- Bermúdez, Pedro Juan**  
1966. El *Morpho peleides*... podría ser la mariposa nacional. *Natura* (Caracas) 31: 20, 1 fig. [Venezuela]  
2005. See Romero, F. et al., 2005.
- Bernal, Marco Antonio, and Alejandro D. Camacho**  
1999. *Análisis crítico del manejo de la Reserva Especial de la Biosfera Mariposa Monarca*, pp. 315-322. In: Hoth, J., L. Merino, K. SA. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Bernal, Roberto, and Carlos Piñeiro**  
1983. Inventario de artrópodos en el area citrícola de Salto. *Investigaciones agronómicas. Centro de Investigaciones agrícolas "Alberto Boerger"* 4(1): 81-84 (May) [*Papilio anchisiades capys* (Hübner), *P. polydamas* Linnaeus, *P. thoas thoantiades* Burmeister; host plants; Uruguay]
- Bernard, Gary Dale** [1938- ]  
1968. See Miller, W. H. & G. D. Bernard, 1968.  
1979. Red-absorbing visual pigment of butterflies. *Science* 203(4385): 1125-1127, 2 figs. (16 March) [general]  
2005. See Briscoe, A. D. & G. D. Bernard, 2005.  
2007a. See Frentiu, F. D. et al., 2007a.

- 2007b. See Frentiu, F. D. et al., 2007b.  
 2010a. See Briscoe, A. D. et al., 2010a.  
 2010b. See Briscoe, A. D. et al., 2010b.  
 2010c. See Yuan, F. et al., 2010.
- Bernard, Gary Dale, and William H. Miller**  
 1970. What does antenna engineering have to do with insect eyes. *IEEE Student Journal* 8: 2-8, 5 figs. (January) [general; compound eye morphology]
- Bernard, George Igor** [1949- ]  
 1977a. See Adams, M. J. & G. I. Bernard, 1977a.  
 1977b. See Adams, M. J. & G. I. Bernard, 1977b.  
 1979. See Adams, M. J. & G. I. Bernard, 1979.  
 1981. See Adams, M. J. & G. I. Bernard, 1981.  
 1990. See Dalton, S. et al., 1990.
- Bernard, Hans-Ulrich**  
 1992. *Insects*, pp. 105-109, figs. In: Eu, G. (Ed.), *Amazon Wildlife*. Singapore, APA Publications (HK) Ltd. [general]
- Bernardello, Gabriel**  
 1998. See Galetto, L. et al., 1998.  
 2003. See Galetto, L. & G. Bernardello, 2003.
- Bernardes, Aline Tristão, Angelo Barbosa Monteiro Machado and Anthony Brome Rylands**  
 1990. *Fauna brasileira ameaçada de extinção. Brazilian fauna threatened with extinction*. Belo Horizonte, Fundação Biodiversitas para a Conservação da Diversidade Biológica. 65 pp. [general]
- Bernardi, Georges** [1922-1999]  
 1958. Taxinomie et zoogéographie de *Talbotia naganum* Moore [Lepidoptera Pieridae]. *Revue française d'Entomologie* 25(2): 125-128, 23 figs. (1 July) [*Ganyra buniae pharetia* Fruhstorfer; morphology; Peru]  
 1961. Note synonymique sur les Pieridae (Lep.). *Bulletin de la Société entomologique de France* 66(3/4): 111-112 (28 July) [general]  
 1962. Les règles internationales de la Nomenclature Zoologique et la taxonomie évolutive. *Verhandlungen. XI. Internationaler Kongress für Entomologie* (Wien) 3: 318-322. [*Heliconius charitonius vazquezae* Comstock & Brown, *H. c. peruvianus* Felder & Felder]  
 1963. Quelques aspects zoogeographiques du mimétisme chez les lépidoptères. *Proceedings of the XVI international Congress of Zoology* (Washington, D.C.) 4: 161-166 (September) [general]  
 1974. Polymorphisme et mimétisme chez les lépidoptères rhopalocères. *Mémoires de la Société zoologique de France* 37: 129-165, 11 figs., tabs. (20 May) [general]  
 1980. Contribution a la biogéographie des montagnes africaines: II. Le genre *Issoria* Hübner (Lep. Nymphalidae). *Compte Rendu des Séances de la Société de Biogéographie* (Paris) 487: 189-199, 4 figs., 2 maps. [*Yramea, Euptoieta*; Neotropics]
- Bernardino, Aline Sales**  
 2010. See Ribeiro, R. C. et al., 2010.
- Bernaudo, Dominique**  
 2014. See Pierre, J. & D. Bernaudo, 2014.
- Bernhard, Carl Gustaf** [1910-2001], **J. Boethius, Gösta Gemne and Göran Struwe**  
 1970. Eye ultrastructure, colour reception and behaviour. *Nature* (London) 226(5248): 865-866, 1 fig. (30 May) [*Heliconius erato* (Linnaeus); biophysics]
- Bernstein, Carlos**  
 1973a. See Alsina, M. G. et al., 1973.  
 1973b. See Pace, M. J. di et al., 1973.  
 1974. See Cuello, P. E. & C. Bernstein, 1974.  
 1980. Density-dependent changes in sex ratio in *Colias lesbia* (Lepidoptera: Pieridae). *Ecological Entomology* 5(2): 105-110, 2 figs., 2 tabs. (May) [Argentina]
- Bernstein, Carlos, María J. di Pace, Pedro E. Cuello and Santiago A. Ezcurra**  
 1973. Fluctuaciones en la densidad relativa de adultos de una plaga de alfalfa, *Colias lesbia* (F) y su relación con algunos factores ambientales. *Ecología* (Buenos Aires) 1(1): 9-24, 3 figs., 6 tabs. (April)
- Berovides, Vicente**  
 1995. See Genaro, J. A. et al., [1995].  
 2008. See Hidalgo, M. M. et al., 2008.
- Berra, Inés A.**  
 1990. See Imwinkelried, J. M. et al., 1990.
- Berry, Andrew**  
 2016. See Pierce, N. E. et al., 2016.
- Berry, Michelle**  
 2019. See Ravenscraft, A. et al., 2019.
- Berry, Paul André** [1899-1983]  
 1953a. Lista preliminar de insectos de El Salvador. *Boletín técnico. Centro nacional de Agronomía. Ministerio de Agricultura y Ganadería* (Santa Tecla) 16: 1-27 (April) [*Ascia monuste* (Linnaeus), *Leptophobia aripa* (Boisduval); host plants]  
 1953b. See Parker, H. L. et al., 1953.  
 1959a. Entomología económica de El Salvador. *Boletín técnico. Servicio cooperativo agrícola salvadoreño americano. Ministerio de Agricultura y Ganadería* (Santa Tecla) 24: [ix] + 255 pp., 157 figs. (July) [general; host plants]  
 1959b. Segunda lista de insectos clasificados de El Salvador. *Boletín técnico. Servicio cooperativo agrícola salvadoreño americano. Ministerio de Agricultura y Ganadería* (Santa Tecla) 23: [iv] + 90 pp. (September) [general]
- Berry, Paul André, and Mauricio Salazar**  
 1957. Lista de insectos clasificados de El Salvador. *Boletín técnico. Servicio cooperativo agrícola salvadoreño americano. Ministerio de Agricultura y Ganadería* (Santa Tecla) 21: 1-134 (February) [*Ascia monuste cleomes* (Boisduval), *Eurema daira eugenia* Wallengren, *Leptophobia aripa* (Boisduval); host plants]
- Berta, Carolina**  
 2011. See Ávalos, D. S. et al., 2011.
- Bertelli, Julio C., and Francisco Mesa**  
 1941. Enfermedades y plagas principales de la agricultura uruguaya. *Publicación. Dirección de Agronomía. Ministerio de Ganadería y Agricultura* (Montevideo) 55: 1-19. [general; host plants]
- Bertels, Andréj** [1905-1989]  
 1954. Relação das pragas das plantas cultivadas constatadas no Rio Grande do Sul. *Boletim técnico do Instituto agrônomo do Sul* (Pelotas) 10: 36-38 (May) [general; host plants; Brazil]  
 1956. Entomologia agrícola sul-brasileira. *Série didática. Serviço de Informação agrícola. Ministerio da Agricultura* (Rio de Janeiro) 16: 1-458, 238 figs. [general; host plants]  
 1962. Insetos-hóspedes de solanáceas. *Iheringia (Zoologia)* 25: 1-11 (January) [*Epytyches eupompe* (Geyer), *Mechanitis lysimnia* (Fabricius), *Placidula euryanassa* (Felder); host plants; Brazil]  
 1975. Insetos-pragas da soja e seu combate. *Boletim técnico. Empresa brasileira de Pesquisa agropecuária* 100: 1-33, figs. (September) [*Urbanus proteus* (Linnaeus), *U. eurycles* (Latreille), *Colias lesbia pyrrothoea* (Hübner); host plants; parasitoids; Brazil]  
 1979. See Fehn, L. M. & A. Bertels, 1979.
- Bertels, Andréj, and Oswaldo Baucke**  
 1966. Segunda relação das pragas das plantas cultivadas no Rio Grande do Sul. *Pesquisa agropecuária brasileira* 1:

- 17-46 (after 11 November) [general; host plants; Brazil]
- Berthet, William** [1951- ]  
 2019a. Ecuador: Eastern slope to Amazonas. *News of the Lepidopterists' Society* 61(1): 44-51, 56, figs. (8 February) [general]  
 2019b. Peru. *News of the Lepidopterists' Society* 61(2): 74-81, figs. (8 May) [general]
- Berthier, Serge** [1952- ]  
 2003. *Iridiscences, les couleurs physiques des insectes*. Paris, Springer. 227 pp., figs. (August) [general; morphology]  
 2005. Thermoregulation and spectral selectivity of the tropical butterfly *Prepona meander*: a remarkable example of temperature auto-regulation. *Applied Physics A (Materials Science & Processing)* 80(7): 1397-1400, 6 figs. (April; published online 27 January)  
 2009. See Bálint, Z. et al., 2009.  
 2010. *Photonique des Morphos*. Paris, Springer. 248 pp., figs. ("April", [21 May]) [general; morphology]  
 2011. See Van Hooijdonk, E. et al., 2011.  
 2012. See Simonis, P. & S. Berthier, 2012.  
 2018a. See Debat, V. et al., 2018.  
 2018b. See Gruson, H. et al., 2018.  
 2019. See McClure, M. et al., 2019a.
- Berthier, Serge, Julie Boulenguez and Zsolt Bálint**  
 2007. Multiscaled polarization effects in *Suneve coronata* (Lepidoptera) and other insects: application to anti-counterfeiting of banknotes. *Applied Physics A (Materials Science & Processing)* 86(1): 123-130, 16 figs., 2 tabs. (January; published online 11 October 2006) [general; morphology]
- Berthier, Serge, Eric Charron and Julie Boulenguez**  
 2006. Morphological structure and optical properties of the wings of Morphidae. *Insect Science (Beijing)* 13(2): 145-157, 29 figs., 2 tabs. (published online 6 April) [general; Morpho]
- Berthier, Serge, Eric Charron and Anabela da Silva**  
 2003. Determination of the cuticle index of the scales of the iridescent butterfly *Morpho menelaus*. *Optics Communications* 228(4/6): 349-356, 9 figs., 1 tab. (15 December)
- Berthold, Arnold Adolph** [1803-1861]  
 1827. *Latreille's natürliche Familien des Thierreichs. Aus dem Französischen mit Anmerkungen und Zusätzen*. Weimar, Industrie Comptoirs. x + 604 pp. ([22 September]) [general]
- Bertholdi, Rubens Edmundo**  
 1949a. See Biezanko, C. M. et al., 1949.  
 1949b. *O verbasco (Algumas observações sobre o Verbascum virgatum With., seu cultivo, propriedades e utilidades)*. Pelotas, Livraria do Globo, S. A. 21 pp., pls. 1-2 (October-December) [*Phyciodes liriopae* (Cramer); host plant; Brazil]  
 1950. See Biezanko, C. M. et al., 1950.
- Berti, Evôneo, Filho**  
 1983. Insetos da ordem Lepidoptera associados com *Eucalyptus* spp no Brasil. Insects of the Lepidoptera associated with *Eucalyptus* spp in Brazil. *Silvicultura (São Paulo)* 8(32): 623-624 (September-October) [*Euselasia eucerus* (Hewitson); host plant]  
 1994. See Alves, S. B. et al., 1994.
- Berti, Evôneo, Filho, and Domingos Gallo**  
 1977. O uso de *Bacillus thuringiensis* Berliner no controle da lagarta das palmeiras *Brassolis astyra astyra* Godart, 1765 [sic] (Lepidoptera, Brassolidae). *Anais da Sociedade entomológica do Brasil* 6(1): 85-91, 3 figs., 2 tabs. [Brazil]
- Bertkau, Philipp** [1849-1895]  
 1889. Beschreibung eines Zwittern von *Gastropacha quercus* nebst allgemeinen Bemerkungen und einem Verzeichniss der beschriebenen Arthropodenzwitter. *Archiv für Naturgeschichte* 55(1): 75-116, 3 figs. (May) [general]
- Bertolini, Maria Paula**  
 2011. See Núñez, E. O. et al., 2011.
- Bertoncetto, Thiago Ferreira**  
 2010. See Lima Junior, I. dos S. de et al., 2010.
- Bertorelli, María, Eunice Guevara and José Luna**  
 2007. Plagas asociadas a *Centrosema macrocarpum* en las sabanas orientales del estado Anzoátegui. *CENIAP Hoy* 13: 4 pp., figs. (January-April) [*Urbanus proteus* (Linnaeus); host plant; Venezuela]
- Bertrand, Claudia**  
 2011. See Janzen, D. H. et al., 2011.  
 2012. See Smith, M. A. et al., 2012.
- Bertrand, Claudia, Daniel Hunt Janzen, Winifred D. Hallwachs, John McLauren Burns, Joel F. Gibson, Shadi Shokralla and Mehrdad Hajibabaei**  
 2014. Mitochondrial and nuclear phylogenetic analysis with Sanger and next-generation sequencing shows that, in Área de Conservación Guanacaste, northwestern Costa Rica, the skipper butterfly named *Urbanus belli* (family Hesperidae) comprises three morphologically cryptic species. *BMC evolutionary Biology* 14(153): 1-18, 7 figs., 7 tabs. (9 July) [new species: *Urbanus segnestami*, *U. bernikerni*, *U. ehakernae*]
- Besansky, Nora**  
 2016. See Mallet, J. L. B. et al., 2016.
- Bescke, Carl Heinrich** [1798-1851]  
 1833. Lettre sur les moeurs de quelques lépidoptères du Brésil. *Revue entomologique (Silbermann's)* 1: 243-247. [general; behavior]  
 [1838]. Sur les lépidoptères du Brésil. *Revue entomologique (Silbermann's)* 4(1): 73-102 ("1836", [1838]) [general; behavior; life histories]
- Besuchet, Claude**  
 1964. Liste d'identification No. 5. *Entomophaga* 8(4): 335-373 (5 March) [*Caligo teucer* (Linnaeus); parasitoids; Ecuador]
- Betancur, Jorge Andrés**  
 [2013]. See Muriel, S. B. et al., [2013]a.
- Bethune-Baker, George Thomas** [1857-1944]  
 1887. Description of a new genus of Rhopalocera allied to *Anteros*, Hew. *Transactions of the entomological Society of London* 1887(2): 175-176, pl. 9 (8 June) [*Ourocnemis*; Argentina]  
 1910. Reflections on the phylogenetics of the pyrameid group. *Entomologist's Record and Journal of Variation* 22(5): 110-112 (15 May) [*Pyrameis carye* Hübner; South America]  
 1914. The scales of the Ruralidae, with some observations on their colour problems. *Proceedings of the entomological Society of London* 1913(4): cxlii-cxciii (31 March) [general]  
 1916. Notes on the genus *Hemiargus* Hübner in Dyar's list (Lep.). *Entomological News* 27(10): 449-457 (6 December) [general]
- Betz, Jean Thibaut**  
 1974. Un lépidoptériste en Guyane française. Conseils pour la chasse. *Alexanor* 8(6): 244-248 (28 June), (7): 310-314 (22 October) [biogeography]
- Beutelspacher, Carlos Rommel** [1945- ]  
 1971. Hallazgo del "barrenador de la piña" (*Thecla basalides* [sic] Geyer) en una planta silvestre. *Agricultura técnica en México* 3(1): 39-40, 3 figs. (October) [life history; Mexico]  
 1972a. Cómo hacer una colección de mariposas. *Publicaciones de Divulgación. Instituto de Biología. Universidad nacional autónoma de México* 1: 1-81, 16 pls., 38 figs. (19 April) [general; Mexico]  
 1972b. Some observations on the Lepidoptera of bromeliads.

- Journal of the Lepidopterists' Society* 26(3): 133-137, 8 figs. (29 September) [general; Mexico]
1974. Fauna de *Tillandsia caput-medusae* E. Morren, 1880 (Bromeliaceae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 43(1): 25-30, 2 figs., 1 map ("1972", 16 May 1974) [*Thecla hesperitis* (Butler and Druce); Mexico]
- 1975a. La formación de subespecies en los papilionidos mexicanos (Lepidoptera: Papilionidae). *Folia entomologica mexicana* 33: 81 (March) [abstract]
- 1975b. Una especie nueva de *Papilio* L. (Papilionidae). *Revista de la Sociedad mexicana de Lepidopterología* 1(1): 3-6, 3 figs. (June) [general; *P. esperanza*; Mexico]
- 1975c. Notas sobre el suborden Rhopalocera (Lepidoptera) de Las Minas, Veracruz. *Revista de la Sociedad mexicana de Lepidopterología* 1(1): 11-20, 7 figs. (June) [general; host plants; ecology; Mexico]
- 1975d. Dos nuevas especies de la familia Riodinidae (Lepidoptera) de México. *Revista de Biología tropical* (San José) 23(1): 53-65, 18 figs. (July) [*Euselasia mazai*, *Mesosemia lupita*]
- 1975e. Dos nuevas especies del género *Adelpha* Hübner (Nymphalidae) de México. *Revista de la Sociedad mexicana de Lepidopterología* 1(2): 31-37, 7 figs. (December) [*A. diazi*, *A. leucerioides*]
- 1976a. The butterflies of North America. *Boletín Informativo. Sociedad mexicana de Lepidopterología* 2(3): 1 (May-June) [general; book review; Mexico]
- 1976b. Estudios sobre el género *Adelpha* Hübner en México (Lepidoptera: Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 8-14, 6 figs. (1 June) [general; new species: *A. milleri*; Mexico]
- 1976c. Hallazgo de *Epiphile grandis* Butler en México (Lepidoptera, Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 56, 1 fig. (1 June)
- 1976d. La diosa Xochiquetzal. *Boletín Informativo. Sociedad mexicana de Lepidopterología* 2(5): 1-3, 1 fig. (September-October) [*Papilio multicaudata* Kirby; Mexico]
- 1976e. Nuevas formas de papilionidos mexicanos. *Revista de la Sociedad mexicana de Lepidopterología* 2(2): 61-70, 1 + 9 figs. (1 November) [*Eurytides philolaus* form *vazquezae*, *E. epidaus fenochionis* form *obscurator*, *E. calliste* form *albida*, *E. salvini* form *ochracea*, *Papilio thoas* autocles form *ochracea*, *P. t. a.* aberration *nigrimarginata*, *P. androgeus epidaurus* form *ochracea*, *P. victorinus* & form *eritromaculata*, *P. garamas* form *splendida*, *P. g.* form *ampliata*, *P. g.* aberration *diazi*]
- 1976f. Una nueva riodinida mexicana del género *Nymula* Bdv. (Lepidoptera: Riodinidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(2): 73-75, 2 figs. (1 November) [*N. velazquez*]
- 1976g. Notas sobre *Anelia thirza* Hübner (Danaidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(2): 112, 1 fig. (1 November) [distribution; Mexico]
1977. Reconsideración taxonómica de *Papilio tolus* G. y S. (Lep: Papilionidae) y descripción de una nueva subespecie. *Revista de la Sociedad mexicana de Historia natural* 35: 149-157, 4 pls. ("1974", 26 August 1977) [*P. t. mazai*; Mexico]
1980. *Mariposas diurnas del Valle de México*. México, Ediciones Científicas La Prensa Médica Mexicana. [viii] + 134 pp., 23 figs., 16 pls. (7 January) [general]
- 1981a. Una nueva especie del género *Prepona* Boisduval (Lepidoptera: Nymphalidae) de México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 50(1): 485-489, 2 pls. (12 June) [*P. medina*]
- 1981b. Una nueva especie mexicana del género *Theope* Doubleday, 1858 (Lepidoptera: Riodinidae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 51(1): 395-398, 3 figs. (28 December) [*T. villai*]
- 1982a. Una nueva especie de *Cyllopsis* Felder (Lepidoptera: Satyridae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 52(1): 361-366, 5 figs. (22 December) [*C. caballeroi*; Mexico]
- 1982b. Una nueva especie del género *Prepona* Boisduval (Lepidoptera: Nymphalidae) de México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 52(1): 367-370, 3 figs. (22 December) [*P. ibarra*]
- 1982c. Lepidópteros de Chamela, Jalisco, México I. Rhopalocera. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 52(1): 371-388, 39 figs., 2 tabs., 1 map (22 December) [general]
- 1983a. Mariposas diurnas de "El Chorreadero", Chiapas (Insecta: Lepidoptera). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 53(1): 341-366, 39 figs., 2 tabs., 1 map (28 December) [general; Mexico]
- 1983b. La familia Pieridae (Lepidoptera) en el Estado de Nuevo León, México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 53(1): 367-378, 33 figs., 1 map (28 December) [general]
- 1984a. Una nueva subespecie de *Eucheira socialis* Westwood (Lepidoptera: Pieridae) de México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 54(1): 111-118, 12 figs., 1 map (21 March) [*E. s. westwoodi*, *E. s. w.* new form *niger*]
- 1984b. Una especie nueva mexicana del género *Catasticta* Butler (Lepidoptera: Pieridae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 55(2): 151-156, 5 figs. (28 December) [*C. oaxaca*]
- 1986a. Una nueva subespecie mexicana de *Papilio erostratus* Westwood (Insecta, Lepidoptera, Papilionidae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 56(1): 241-244, 4 figs. (30 August) [*P. e. vazquezae*]
- 1986b. Adiciones a los piéridos mexicanos (Lepidoptera: Pieridae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 56(2): 647-649, 2 figs. (20 November) [*Melete florinda* (Butler), *Eurema agave* (Cramer)]
- 1986c. Estado taxonómico actual del género *Pieris* Schrank (1801) (Lepidoptera: Pieridae) en México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 57(1): 145-152, 10 figs. (30 December) [general]
- 1986d. Algunas observaciones taxonómicas sobre el género *Catasticta* Butler en México, con la descripción de una nueva subespecie (Lepidoptera: Pieridae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 57(1): 153-160, 13 figs. (30 December) [*C. teutila flavifaciata*]
- 1986e. Estado taxonómico actual del género *Ascia* Scopoli (1777) (Lepidoptera: Pieridae) en México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 57(2): 311-322, 30 figs. (30 December) [general]
- 1986f. Catálogo de la colección Roberto Müller (Lepidoptera) del Museo de Historia Natural de la Ciudad de México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 57(2): 421-424 (30 December) [general]
1988. Reconsideraciones taxonómicas sobre el género *Enantia*

- Hübner (1819) (Lepidoptera: Pieridae) en México. *Anales del Instituto de Biología, Universidad nacional autónoma de México (Zoología)* 58(1): 231-240, 9 figs. (15 July) [new forms]
1989. *Las mariposas entre los antiguos mexicanos*. México, Fondo de Cultura Económica. 104 pp., 308 figs., 1 map (January) [general; ethnoentomology]
1990. Tres especies nuevas del género *Anthanassa* Scudder (Lepidoptera: Nymphalidae: Melitaeinae) de México. *Anales del Instituto de Biología, Universidad nacional autónoma de México (Zoología)* 61(1): 153-159, 11 figs. (15 November) [*A. chiapaensis*, *A. oaxaca*, *A. guerrerense*]
1991. Estado taxonómico actual en México del complejo *Eurema daira* (Lepidoptera: Pieridae). *Anales del Instituto de Biología, Universidad nacional autónoma de México (Zoología)* 62(1): 115-128, 2 pls., 7 figs. (31 October)
1992. Una nueva subespecie de *Heliconius erato* (Linnaeus, 1764 [sic]) (Lepidoptera: Nymphalidae, Heliconiinae). *Shilap* 20(78): 181-187, 3 figs. (30 June) [*H. e. punctata*; Mexico]
1993. See Brailovsky, H. U. et al., 1993.
1994. *A guide to Mexico's butterflies and moths*. Mexico, Minutiae Mexicana. 95 pp., figs. [general]
2010. See McClay, A. S. et al., 2010.
- Beutelspacher, Carlos Rommel, and Manuel Artemio Balcázar**
1999. Lepidoptera, pp. 83-98. In: Deloya, A. C. & J. E. Valenzuela (Eds.), Catálogo de insectos y ácaros plaga de los cultivos agrícolas de México. *Publicaciones especiales. Sociedad mexicana de Entomología* 1: xii + 174 pp., 1 map [general; host plants]
- Beutelspacher, Carlos Rommel, and María Guadalupe L. de Beutelspacher**
1976. Ciclo de vida de *Falcapica limonea* Butler (Lepidoptera: Pieridae). *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 32-34, 5 figs. (1 June) [Mexico]
- Beutelspacher, Carlos Rommel, and Harry Brailovsky**
1981. Notas sobre depredación de lepidópteros por hemípteros. *Anales del Instituto de Biología, Universidad nacional autónoma de México (Zoología)* 50(1): 777 (12 June) [*Colias (Zerene) cesonia* (Stoll); Mexico]
- Beutelspacher, Carlos Rommel, and William Hugh Howe**
1984. *Mariposas de México. I. Introducción y generalidades. Superfamilia Papilionoidea. Familia Papilionidae*. México, La Prensa Médica Mexicana, S.A. xii + 128 pp., 20 pls., 127 figs., 71 maps (30 July) [general]
- Beutelspacher, Carlos Rommel, and Roberto Gonzalo de la Maza**
1975. Adiciones a los lepidópteros mexicanos. *Revista de la Sociedad mexicana de Lepidopterología* 1(1): 7-10, 6 figs. (June) [general]
- Beutelspacher, María Guadalupe L. de**
1976. See Beutelspacher, C. R. & M. G. L. de Beutelspacher, 1976.
- Beutenmüller, William** [1864-1934]
1904. Types of Lepidoptera in the collection of the American Museum of Natural History. *Bulletin of the American Museum of Natural History* 20(5): 81-86 (12 March) [general; Mexico]
- Bevilacqua, Mariapia**
1993. See Stauffer, F. et al., 1993.
- Beyer, Hermann** [1880-1942]
1922. La mariposa en el simbolismo azteca. *Revista de Revistas* (México) 12(609): 44-45, 11 figs. (8 January) [general; archaeology; Mexico]
- Bezaury, Juan**
1992. See Maza, R. G. de la & J. Bezaury, 1992.
- Bhukal, Rakesh**
2016. See Geerah, P. et al., 2016.
- Bian, Z.**
1986. See Young, A. M. et al., 1986.
- Bianchi, Vidica, and Gilson Rudinei Pires Moreira**
2005. Preferência alimentar, efeito da planta hospedeira e da densidade larval na sobrevivência e desenvolvimento de *Dione juno juno* (Cramer) (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 22(1): 43-50, 11 figs. (31 March) [Brazil]
- Bianco, Alberto**
2013. See Miyako, E. et al., 2013.
- Bibby, Francis Flavius** [1894-1980]
1943. See Moreno, I., and F. F. Bibby, 1943.
- Bic, Alex**
2015. Gynandromorphs and aberrants from the collection of Alex Bic. *News of the Lepidopterists' Society* 57(2): 100, 6 figs. (26 May) [general; Costa Rica, Peru]
2016. More gynandromorphs from the collection of Alex Bic. *News of the Lepidopterists' Society* 58(2): 104, 6 figs. (29 April) [general; Peru]
- Bichara Filho, Carlos Costa, Gilberto Marcos de Mendonça Santos, Janete Jane Resende, Jucelmo Dantas da Cruz, Nivar Gobbi and Vera Lúcia Letizio Machado**
2009. Foraging behavior of the swarm-founding wasp, *Polybia (Trichothorax) sericea* (Hymenoptera, Vespidae): Prey capture and load capacity. *Sociobiology* 53(1): 61-69, 2 figs., 1 tab. [Hesperiidae, Nymphalidae; Brazil]
- Bidart, Liana**
2007. See Rodríguez, R. et al., 2007.
- Bidau, Claudio Juan**
2018. Two pioneering Darwinians in Brazil: An appraisal of Henry Walter Bates (1825-1892) and Fritz Müller (1821-1897). *Entomology, Ornithology & Herpetology: Current Research* 7(2)(1000e133): 1-2 (27 June) [general; mimicry]
- Biedermann, Robert** [1869-1954]
1926. Formes nouvelles de Nymphalidae américaines. *Encyclopédie entomologique* (B) 1(3): 121-123 (30 April) [general; *Agrias claudia claudianus* aberration *reliquus*, *Prepona buckleyana* individual form *rubrodiscalis*; Brazil, Peru]
1927. Descriptions de rhopalocères américaines nouveaux. *Encyclopédie entomologique* (B) 2(2): 59-68, pls. 5-7 (31 March) [general; *Agrias hewitsonius* form *ambiguus*, *A. narcissus* ♀ form *praetexta*, *A. n.* ♀ form *phryne*; Bolivia, Brazil, Colombia]
- 1928a. Descriptions et notes diverses. *Encyclopédie entomologique* (B) 3(1): 1-10, pls. 1-3 (15 January) [general; new taxa: *Agrias claudia claudianus* form *margaritifera*, *A. pericles mauensis* ♀ form *dryas*, *A. hewitsonius stuarti* form *micaela*; Bolivia, Ecuador, Brazil, Peru]
- 1928b. Descriptions et notes diverses. *Encyclopédie entomologique* (B) 3(2): 95-96 (30 May), (3): 97-98 (25 November) [general; *Epiphile lampethusa* new individual form *egena*; Brazil, Bolivia, Colombia, Peru]
1932. Sur quelques formes nouvelles ou peu connues de lépidoptères (Nymphalidae, Saturnidae). *Bulletin de la Société entomologique de France* 37(13/14): 204-205 (10 September) [*Agrias claudia lecerfi* individual form *roberti* Boy; Brazil]
- 1933a. Variétés inédites ou peu connues des genres *Agrias* D.-H. et *Siderone* Hbn. *Bulletin du Muséum national d'Histoire naturelle* (Paris) (2)5(2): 114-121, 3 pls. (22 March) [general; *A. claudia sardanapalus* individual form *annae*; Brazil, Bolivia, Colombia, the Guianas]
- 1933b. See Le Cerf, F. L. & R. Biedermann, 1933.

- 1933c. Note sur deux rhopalocères américaines. *Bulletin de la Société entomologique de France* 38(17): 278-279 (10 December) [new taxa: *Papilio ariarathes-gayi* ♀ form *androtypa*, *Siderone marthesia* ♀ form *salmonia*; Brazil]
1935. Lépidoptères nouveaux. *Bulletin de la Société entomologique de France* 40(14): 209-212, pl. 6 (23 August) [*Papilio philetas* form (?) *fabius*, *Agrias pericles rubella* form *latona*, *A. p. r.* form *aspasia*, *A. p. r.* form *penthesilea*; Colombia, Peru, Brazil]
- 1936a. Une forme nouvelle de *Morpho hecuba* L. *Bulletin de la Société entomologique de France* 41(3): 46-48 (5 March) [*M. h. polyxena*; Colombia]
- 1936b. Sur trois formes d'*Agrias pericles* (Lepidopt. Nymphalidae), pp. 133-141, pls. 3-4. In: *Livre Jubilaire de M. Eugène-Louis Bouvier*. Paris, Fermin-Didot et Cie. (20 May) [general; Brazil, Colombia]
- 1936c. Une forme nouvelle de *Prepona praeneste* Hew. (Lep. Nymphalidae). *Bulletin de la Société entomologique de France* 41(8): 125-126 (7 June) [*P. p. abrupta*; Peru]
- 1936d. Formes nouvelles de rhopalocères sud-américains. *Revue française d'Entomologie* 3(2): 174-176, 1 pl. (30 July) [*Papilio bacchus* [sic] *chrysomelus* form *silenus*, *Agrias claudia claudina* form *jactator*; Peru, Brazil]
- 1936e. Note sur trois Erycinides d'Amérique du Sud (Lep. Erycinidae). *Bulletin de la Société entomologique de France* 41(15): 252-260, pl. 3 (9 November) [new taxa: *Alesa* (?) *prema* ♀ form *sapphirina*, *Mimocastnia egeria*; Brazil, French Guiana]
1938. Formes nouvelles des genres *Papilio* L. et *Prepona* Hbn. (Lep. Papilionidae et Nymphalidae). *Bulletin de la Société entomologique de France* 43(11/12): 141-142 (17 August) [*Papilio lysander* individual form *stramineus*, *Prepona praeneste* ♀ form *virago*; Peru, Colombia]
1941. Note sur les formes femelles de *Prepona praeneste* Hew. (Lep. Nymphalidae). *Bulletin de la Société entomologique de France* 46(8): 115-122, pls. 2-3 (14 December) [general; *P. p.* new ♀ form *virago*; Colombia, Bolivia, Peru, French Guiana]
- Biedermann, Wilhelm** [1852-1929]
1904. *Die Schillerfarben bei Insekten und Vögeln*, pp. 215-300, 16 figs. In: *Festschrift zum siebzigsten Geburtstage von Ernst Haeckel*. Jena, Gustav Fischer. (*Jenaische Denkschriften*, 11) [general]
- Bierregaard, Richard O., Jr.**
1984. See Lovejoy, T. E. et al., 1984.
1986. See Lovejoy, T. E. et al., 1986.
- Bierregaard, Richard O., Jr., Thomas E. Lovejoy, Valerie Kapos, Angelo Augusto dos Santos and Roger William Hutchings**
1992. The biological dynamics of tropical rainforest fragments. A prospective comparison of fragments and continuous forest. *BioScience* 42(11): 859-866, 4 figs. (December) [general; Brazil]
- Bierzuchdek, Paulette F.** [1951- ]
1981. *Asclepias, Lantana and Epidendrum: a floral mimicry complex? Biotropica* 13(2, suppl.): 54-58, 3 tabs. (June) [general; pollination ecology; Costa Rica]
- Biezanko, Czeslaw Marjan [= Ceslau Maria de]** [1895-1986]
1934. Sobre a destruição das lagartas nocivas ao repolho e outras plantas crucíferas. *O Campo* (Rio de Janeiro) 5(4): 25-27, 8 figs. (April) [general; Pieridae; Brazil]
- 1938a. Breves apontamentos sobre alguns lepidópteros encontrados nos arredores de Posadas, em Missiones, na Argentina e de Villa Encarnación, no Paraguai, feitos durante excursões em 1931. *O Campo* (Rio de Janeiro) 9(97): 64-65 (January) [general; host plants]
- 1938b. Dois meses de caça lepidopterológica nos arredores de Porto União e União da Vitória, em outubro e novembro de 1932 (Contribuição ao conhecimento da fauna dos insetos de Santa Catarina e Paraná). *Revista agrônômica* (Porto Alegre) 2(16): 312 (April), (17): 471-472 (May) [general; host plants; Brazil]
- 1938c. Sobre as iscas que se usam para atrair os lepidópteros e algumas outras questões que se relacionam com este assunto. *Chácaras e Quintais* (São Paulo) 58(1): 62-63, 1 fig. (15 July), (2): 221-223, 1 fig. (15 August), (3): 331-333, 1 fig. (15 September), (4): 481-483, 1 fig. (15 October) [general; Brazil]
- 1938d. Apontamentos lepidopterológicos. *Boletim biológico* (São Paulo) 3(3/4): 119-126 (October) [general; host plants; Brazil]
- 1938e. *Sobre alguns lepidópteros que ocorrem em arredores de Curitiba (Estado de Paraná) (Apontamentos lepidopterológicos feitos em 1932)*. Pelotas, Livraria Globo. 8 pp. [general; host plants; Brazil]
- 1949a. Algumas observações sobre migrações de *Colias lesbia pyrrhothea* (Hübner, 1823) Lepidoptera fam. Pieridae nos arredores de Montevidéu (Uruguai) e de Pelotas (R. G. do Sul - Brasil) em janeiro de 1947 (um artigo de divulgação). *Agros* (Pelotas) 2(1): 51-57, 1 fig. (March)
- 1949b. Sobre algumas novas aberrações de *Colias lesbia pyrrhothea* Hübner, 1823 (Primeira contribuição). *Agros* (Pelotas) 2(2): 104-108, 1 pl. (June) [*C. l. p.* ♂ aberration *almeidai*, *C. l. p.* form *heliceoides* ♀ aberration *lutzi*, *C. l. p.* form *h.* ♀ aberration *travassosi*, *C. l. p.* ♀ aberration *strandii*, *C. l. p.* ♀ aberration *costa-limai*, *C. l. p.* form *h.* ♀ aberration *schweizeri*, *C. l. p.* ♀ aberration *williamsi*, *C. l. p.* ♀ aberration *forbesi*; Brazil, Uruguay]
- 1949c. *Acraeidae, Heliconiidae et Nymphalidae de Pelotas e seus arredores (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul)*. Pelotas, Livraria Globo. 16 pp., 1 pl. [general; host plants; Brazil]
- 1950a. Migração de borboletas. *Chácaras e Quintais* (São Paulo) 82(4): 475, 1 fig. (15 October) [*Colias lesbia pyrrhothea* (Hübner); Argentina, Uruguay]
- 1950b. *Colias lesbia pyrrhothea*, Hübner, 1823 inimigo da alfafa e outras plantas aparentadas. *Ciência e Cultura* (São Paulo) 2(4): 303-304 (December) [abstract; Brazil]
1954. *Colias lesbia pyrrhothea* Hübner, 1823 (Lepidoptera, Rhopalocera, Pieridae). Inimigo da alfafa e de outras plantas aparentadas. *Boletim. Escola de Agronomia e Veterinária "Eliseu Maciel"* (Pelotas) 29: 1-23, 2 pls. [egg, larva, pupa, imago; parasitoids, predators; Brazil, Uruguay, Argentina, Paraguay]
1955. Migrações de lepidópteros no Rio Grande do Sul e Uruguai. *Metamorphia stelenes* f. *bipunctata* Fruhst. (Nymphalidae). *Chácaras e Quintais* (São Paulo) 92(4): 485-486, 2 figs. (15 October) [host plants; ecology; Brazil]
- 1958a. Pieridae da Zona Sueste do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu Maciel"* (Pelotas) (A) 1b: 1-15. [general; host plants; parasitoids; Brazil]
- 1958b. *Algumas noções sobre a soja e seu cultivo. Utilidades da soja*. Pelotas, Gráfica Artex Ltda. 24 pp. [Pieridae, Hesperidae; Brazil]
- 1959a. Papilionidae da Zona Sueste do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu Maciel"* (Pelotas) (A) 1a: [1] + 16 pp., 1 pl., 1 fig. [general; host plants; Brazil]
- 1959b. Papilionidae da Zona Missioneira (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu*

- Maciel*" (Pelotas) (B) la: 1-12. [general; host plants; Brazil]
- 1959c. Pieridae da Zona Missioneira do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu Maciel"* (Pelotas) (B) lb: 1-12. [general; host plants; Brazil]
- 1960a. Danaidae et Ithomiidae da Zona Sueste do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu Maciel"* (Pelotas) (A) 3: [i] + 1-6. [general; host plants; Brazil]
- 1960b. Satyridae, Morphidae et Brassolidae da Zona Sueste do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu Maciel"* (Pelotas) (A) 4: [i] + 1-12, 1 pl. [general; host plants; parasitoids; Brazil]
- 1960c. Danaidae et Ithomiidae da Zona Missioneira do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu Maciel"* (B) 3: [i] + 1-6. [general; host plants; Brazil]
- 1960d. Satyridae, Morphidae et Brassolidae da Zona Missioneira do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu Maciel"* (B) 4: [i] + 1-10. [general; host plants; Brazil]
- 1960e. *Album iconográfico dos Lepidoptera coletados. Papilionidae*. Pelotas, Author. 20 pls. [general; Brazil]
- 1960f. *Album iconográfico dos lepidópteros coletados*. Pelotas, Author. 8 pls. [general; Brazil]
1963. Hesperidae da Zona Sueste do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Arquivos de Entomologia. Escola de Agronomia "Eliseu Maciel"* (Pelotas) (A) 6: [4] + 24 pp., 1 fig. [general; host plants; Brazil]
1968. *Corrigenda*, pp. 249-251. In: Silva, A. G. d'A. e, C. R. Gonçalves, D. M. Galvão, A. J. L. Gonçalves, J. Gomes, M. do N. Silva & L. de Simoni, *Quarto catálogo dos insetos que vivem nas plantas do Brasil seus parasitos e predadores. Edição ampliada do "3º catálogo dos insetos que vivem nas plantas do Brasil" de autoria do Prof. A. M. da Costa Lima. Parte II. Insetos, hospedeiros e inimigos naturais. Índice de insetos e índice de plantas*. Rio de Janeiro, Ministério da Agricultura. 2: [viii] + 265 pp. [general]
1977. See Link, D. et al., 1977.
- Biezanko, Czeslaw Marjan, and Oswaldo Baucke**
1948. Nomes populares dos lepidópteros no Rio Grande do Sul. *Agros* (Pelotas) 1(3): 164-177 (August) [general; Brazil]
- Biezanko, Czeslaw Marjan, Rubens Edmundo Bertholdi and Oswaldo Baucke**
1949. Relação dos principais insetos prejudiciais observados nos arredores de Pelotas nas plantas cultivadas e selvagens. *Agros* (Pelotas) 2(3): 156-213 (September) [general; host plants; Brazil]
1950. Apontamentos sobre as migrações e invasões de lepidópteros no Brasil (Rio G. do Sul) e no Uruguai. *Ciência e Cultura* (São Paulo) 2(4): 287 (December) [general; abstract]
- Biezanko, Czeslaw Marjan, and Ramão Gomes de Freitas**
1938. Catálogo dos insetos encontrados na cidade de Pelotas e seus arredores. Fascículo 1. Lepidópteros (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). *Boletim. Escola de Agronomia e Veterinária "Eliseu Maciel"* (Pelotas) 25: 1-30 (June) [general; host plants; Brazil]
- Biezanko, Czeslaw Marjan, and Dionísio Link**
1973. Nomes populares dos lepidópteros no Rio Grande do Sul (Segundo catálogo). Nomes populares - Nomes científicos atualizados. *Boletim técnico. Departamento de Fitotecnia. Universidade federal de Santa Maria* (Santa Maria, Rio Grande do Sul) 4: 1-15 ("1972", March 1973) [general; Brazil]
- Biezanko, Czeslaw Marjan, and Olaf Hermann Hendrik Mielke**
1973. Contribuição ao estudo faunístico dos Hesperidae Americanos. IV. Espécies do Rio Grande do Sul, Brasil, com notas taxonômicas e descrições de espécies novas. (Lepidoptera). *Acta biologica paranaense* (Curitiba) 2(1/4): 51-102, 57 figs. (after 6 August) [general; new taxa: *Pellicia costimacula litoralis*, *P. vecina cyanea*, *Thargella evansi*, *Vehilius vetus ochraceus*, *Mnasitheus strandi*, *Perichares forbesi*; host plants; parasitoids]
- Biezanko, Czeslaw Marjan, Olaf Hermann Hendrik Mielke and Alberto Wedderhoff**
- [1979]. Contribuição ao estudo faunístico dos Riodinidae do Rio Grande do Sul, Brasil (Lepidoptera). *Acta biologica paranaense* (Curitiba) 7(1/4): 7-22, 10 figs. ("1978", [1979]) [general; new species: *Stichelia pelotensis*]
- Biezanko, Czeslaw Marjan, and João Pitoñ**
1941. Breves apontamentos sobre alguns lepidópteros encontrados nos arredores de Itaiópolis (Contribuição ao conhecimento da fisiografia de Santa Catarina). *Boletim. Escola de Agronomia e Veterinária "Eliseu Maciel"* (Pelotas) 28: 1-21 (December) [general; Brazil]
- Biezanko, Czeslaw Marjan, and Agustín Ruffinelli**
1957. Los lepidópteros de la colección Schweizer. *Revista de la Sociedad uruguaya de Entomología* 2(1): 31-53 (December) [general; Uruguay]
1962. Lepidópteros Americanos de la colección de la Cátedra de Entomología. Estudio sobre la colección Herborn. *Revista de la Facultad de Agronomía. Universidad de la República* (Montevideo) 50: 119-166 (15 December) [general]
1967. Fauna de Lepidoptera del Uruguay. VI. Hesperidae. *Boletín. Facultad de Agronomía. Universidad de la República* (Montevideo) 96: 1-27, 2 pls. (April) [general; host plants]
- Biezanko, Czeslaw Marjan, Agustín Ruffinelli and Federico Achaval**
1974. Lepidoptera del Uruguay. Notas complementarias. V. *Revista de Biología del Uruguay* 1(2): 179-189 ("1973", May 1974) [general]
- Biezanko, Czeslaw Marjan, Agustín Ruffinelli and Carlos Salvador Carbonell**
1957. Lepidoptera del Uruguay. Lista anotada de especies. *Revista de la Facultad de Agronomía. Universidad de la República* (Montevideo) 46: 1-152 (24 December) [general; host plants]
1961. Nuevas especies de Lepidoptera para la fauna del Uruguay. *Actas y Trabajos del Primer Congreso sudamericano de Zoología* (La Plata) 3: 31-46 (8 September) [general]
- 1962a. Lepidoptera del Uruguay. Notas complementarias. I. *Revista de la Facultad de Agronomía. Universidad de la República* (Montevideo) 50: 1-45 (15 December) [general]
- 1962b. Lepidoptera del Uruguay. Notas complementarias. II. *Revista de la Facultad de Agronomía. Universidad de la República* (Montevideo) 50: 47-117 (15 December) [general; host plants]
1966. Lepidoptera del Uruguay. Notas complementarias. III. *Boletín. Facultad de Agronomía. Universidad de la República* (Montevideo) 91: 1-53 (June) [general; host plants]
1970. Lepidoptera del Uruguay. Notas complementarias. IV. *Actas del IV Congreso latino-americano de Zoología*



- (Caracas) 1: 47-53. [general]
- Biezanko, Czeslaw Marjan, Agustín Ruffinelli and Dionísio Link**
1974. Plantas y otras sustancias alimenticias de las orugas de los lepidópteros uruguayos. *Revista do Centro de Ciências rurais* (Santa Maria, Rio Grande do Sul) 4(2): 107-147 (June) [general]
1976. Lepidoptera del Uruguay. Notas complementarias VI. *Dusenía* (Curitiba) 9(1): 9-16 (17 May) [general; host plants]
1978. Catálogo de lepidópteros do Uruguai. Catalogue of Lepidoptera of the Republic of Uruguay. *Revista do Centro de Ciências rurais* (Santa Maria, Rio Grande do Sul) 8(supl.): 1-84 (May) [general]
- Biezanko, Czeslaw Marjan, and Pablo Rubens San Martín**
1960. Notas sobre una expedición uruguaya al Río Caura (Estado Bolívar, Venezuela). *Memoria. Sociedad de Ciencias naturales La Salle* (Caracas) 20(56): 85-104 (after 26 August) [general; ecology]
- Biezanko, Czeslaw Marjan, and Francisco Dandolo de Seta**
1939. *Catálogo dos insetos encontrados em Rio Grande e seus arredores. Fascículo 1E. Lepidópteros (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul)*. Pelotas, Echenique & Cia. 15 pp. [general; host plants; larvae, pupae, imagines; behavior; Brazil]
- Biezanko, Joana Lúcia Mantovani**
1960. *Referências sobre as espécies, formas e aberrações de lepidópteros paleárticos e neotropicais descritos por C. M. Biezanko*. Pelotas, Tipografia Machado. 8 pp. [general; Brazil, Uruguay]
- Bijok, Stefan**
1955. See Schnack, F. & J. Bijok, 1955.
- Billberg, Gustaf Johan [1772-1844]**
1820. *Enumeratio insectorum in Museo Gust. Joh. Billberg*. [Holmiae], Gadel. [i-iv] + 138 pp. [general; new genera: *Cepora*, *Ganyra*, *Aaptera*, *Epimetes*, *Laparus*, *Calornis*, *Pselna*, *Philaethria*, *Polychroa*, *Diaethria*, *Zonaga*, *Aeropetes*, *Philocala*, *Colobura*, *Aerodes*, *Heliornis*, *Euglyphus*, *Erotion*, *Cyaniris*, *Eulepis*, *Achna*, *Heliopetes*, *Hylephila*, *Tapina*, *Aides*; new names: *Cepora heliades*, *Epimetes sebethis*, *Heliopetes crameri*; Neotropics]
- Billiard, Sylvain**
2013. See Llaurens, V. et al., 2013.
2015. See Llaurens, V. et al., 2015.
- Billings, Joe**
2019. Opening a window on southwestern monarchs: Fall migrant monarch butterflies, *Danaus plexippus* (L.), tagged synchronously in southeastern Arizona migrate to overwintering regions in either southern California or central Mexico. *Journal of the Lepidopterists' Society* 73(4): 257-267, 8 figs., 4 tabs. (20 November)
- Billington, Helen L., Christian David Thomas and Lawrence Edmund Gilbert**
1990. Variation in stage-specific mortality patterns of a specialist herbivore on different host plant clones. *Functional Ecology* 4(6): 721-725, 2 figs., 1 tab. [*Heliconius*]
- Bilotta, Ivana Gavassi**
1993. Morfologia comparada da cabeça das espécies sul-brasileiras de Morphinae (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 9(3/4): 261-271, 42 figs. (1 November) [general]
- 1995a. Morfologia comparada do tórax das espécies sul-brasileiras de Morphinae (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 11(4): 691-713, 50 figs. (30 March) [general]
- 1995b. Morfologia comparada do abdome das espécies sul-brasileiras de Morphinae (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 11(4): 737-748, 49 figs. (30 March) [general]
- Binetti, Valerie R., Jessica D. Schiffman, Oren D. Leaffer, Jonathan E. Spanier and Caroline L. Schauer**
2009. The natural transparency and piezoelectric response of the *Greta oto* butterfly wing. *Integrative Biology* 1(4): 324-329, 7 figs. (published online 12 February) [morphology]
- Bingham, I.**
1995. See Bingham, L. et al., 1995.
- Bingham, L., I. Bingham, S. Geary, J. Tanner, C. Driscoll, B. Cluff and J. S. Gardner**
1995. SEM comparison of *Morpho* butterfly dorsal and ventral scales. *Microscopy Research and Technique* 31(1): 93-94, 5 figs. [*M. rhetenor* (Cramer)]
- Binnie, Sarah E.**
2019. See Dickens, J. K. et al., 2019.
- Binz, Hellena, Christian H. Schulze and Karl Eduard Linsenmair**
2014. Effects of topography on forest butterfly assemblages in the Pacific lowlands of Costa Rica. *Ecotropica* 20(1/2): 1-13, 5 figs., 1 tab. [general]
- Biolley, Paul [1862-1908]**
1897. See Pittier, H. & P. Biolley, 1897.
1901. Notas entomológicas. *Boletín del Instituto físico-geográfico de Costa Rica* 1(5): 117-123 (31 May) [*Agraulis passiflorae* (Fabricius), *A. moneta* (Hübner), *Papilio pandion* C. Felder & R. Felder, *Pieris elodia* Boisduval; life histories; host plants; Costa Rica]
1902. Plantas é insectos. *Boletín del Instituto físico-geográfico de Costa Rica* 2(13): 14-20 [*Agraulis passiflorae* (Fabricius); host plant; Costa Rica]
- Bion, Roberta Ferreira**
2011. See Verçoza, F. C. & R. F. Bion, 2011.
- Birchall, Henry**
- 1865a. Migration of butterflies. *Entomologist* 2(11): 163 (1 March) [*Callidryas*; Colombia]
- 1865b. Collecting Bogotá Papilionidae. *Zoologist* 23: 9512-9513. [general; Colombia]
- 1865c. Collecting in New Granada. *Zoologist* 23: 9638-9641. [general; Colombia]
- Biro, Lajos**
1993. See Cekalovic, T. N. et al., 1993.
- Biró, László Péter**
2004. See Bálint, Z. & L. P. Biró, 2004.
- 2005a. See Bálint, Z. et al., 2005a.
- 2005b. See Bálint, Z. et al., 2005b.
- 2006a. See Kertész, K. et al., 2006a.
- 2006b. See Kertész, K. et al., 2006b.
- 2006c. See Vértesy, Z. et al., 2006.
2007. See Bálint, Z. et al., 2007.
- 2008a. See Kertész, K. et al., 2008.
- 2008b. See Bálint, Z. et al., 2008a.
- 2008c. See Bálint, Z. et al., 2008b.
- 2009a. See Márk, G. I. et al., 2009.
- 2009b. See Bálint, Z. et al., 2009.
2010. Photonic nanoarchitectures of biologic origin in butterflies and beetles. *Materials Science and Engineering (B)* 169(1/3): 3-11, 12 figs. (25 May) [*Cyanophrys remus* (Hewitson); morphology]
2013. See Tamáska, I. et al., 2013.
2014. See Kertész, K. et al., 2014.
2018. See Pycrc, T. W. et al., 2018b.
- Biró, László Péter, Zsolt Bálint, Krisztián Kertész, Zofia Vértesy, Géza István Márk, Levente Tapasztó, Virginie Lousse and Jean-Pol Vigneron**

- 2007a. Quasiodordered photonic band gap materials of biologic origin: butterfly scales. *Proceedings of SPIE* 6593(18): 1-8, 7 figs. (published online 15 June) [*Cyanophrys remus* (Hewitson)]
- Biró, László Péter, Zsolt Bálint, Krisztián Kertész, Zofia Vértesy, Géza István Márk, Levente Tapasztó, Jean-Pol Vigneron and Virginie Lousse**
- 2007c. Photonic crystal structures of biologic origin: Butterfly wing scales. *Materials Research Society Proceedings* 1014(AA07-08): 1-8, 4 figs. [*Cyanophrys remus* (Hewitson)]
- Biró, László Péter, Zsolt Bálint, Zofia Vértesy, Krisztián Kertész, Géza István Márk, Virginie Lousse and Jean-Pol Vigneron**
2006. Living photonic crystals: Nanostructure of the scales of *Cyanophrys remus* butterfly. *Nanopages* 1(2): 195-208, 8 figs., 1 tab. (June; published online 26 February 2007) [Brazil]
- Biró, László Péter, Krisztián Kertész, Zofia Vértesy and Zsolt Bálint**
2008. Photonic nanoarchitectures occurring in butterfly scales as selective gas/vapor sensors. *Proceedings of SPIE* 7057: 1-8, 7 figs. (published online 11 August) [*Pseudolycaena marsyas* (Linnaeus), *Cyanophrys remus* (Hewitson), *Morpho aega* (Hübner)]
- Biró, László Péter, Krisztián Kertész, Zofia Vértesy, Géza István Márk, Zsolt Bálint, Virginie Lousse and Jean-Pol Vigneron**
- 2007b. Living photonic crystals: Butterfly scales – Nanostructure and optical properties. *Materials Science and Engineering (C)* 27(5/8): 941-946, 5 figs., 1 tab. (September; published online 15 November 2006) [*Cyanophrys remus* (Hewitson); morphology]
- Biró, László Péter, and Jean-Pol Vigneron**
2011. Photonic nanoarchitectures in butterflies and beetles: valuable sources for bioinspiration. *Laser & Photonics Reviews* 5(1): 27-51, 25 figs. (January; published online 18 January 2010) [general]
- Bischler, Hans-Dieter**
1995. See Brabant, R. & H.-D. Bischler, 1995.
2003. See Brabant, R. & H.-D. Bischler, 2003.
2005. See Brabant, R. & H.-D. Bischler, 2005.
- Bittencourt, Maria Aparecida Leão**
2012. Mattos Sobrinho, C. C. de et al., 2012.
- Bittencourt-Rodrigues, Rebecca de S., and Fernando Sérgio Zucoloto**
2005. Effect of host age on the oviposition and performance of *Ascia monuste* Godart (Lepidoptera: Pieridae). *Neotropical Entomology* 34(2): 169-175, 2 figs., 2 tabs. (March-April), (4): 701, 1 tab. (July-August) [host plant; Brazil]
2009. How feeding on young and old leaves affects the performance of *Ascia monuste orseis* (Godart) (Lepidoptera, Pieridae). *Revista brasileira de Entomologia* 53(1): 102-106, 2 tabs. (31 March) [host plant; Brazil]
- Bizarro, Jorge Manuel Saraiva [1961- ]**
2011. See Soares, A. et al., 2011.
- Bizarro, Jorge Manuel Saraiva, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
- 2003a. Morfologia externa de *Thyridia psidii cetoides* (Rosenberg & Talbot). I. Cabeça e apêndices (Lepidoptera, Nymphalidae, Ithomiinae). *Revista brasileira de Zoologia* 20(2): 279-284, 12 figs. (30 June) [host plant; Brazil]
- 2003b. Morfologia externa de *Thyridia psidii cetoides* (Rosenberg & Talbot) (Lepidoptera, Nymphalidae, Ithomiinae). II. Tórax e apêndices. *Revista brasileira de Zoologia* 20(3): 419-425, 13 figs. (30 September) [Brazil]
- 2003c. Morfologia externa de *Thyridia psidii cetoides* (Rosenberg & Talbot) (Lepidoptera, Nymphalidae, Ithomiinae). III. Abdome e apêndices. *Revista brasileira de Zoologia* 20(4): 681-684, 8 figs. (31 December) [Brazil]
- Bizarro, Jorge Manuel Saraiva, and Alexandre Soares**
2012. *Semomesia geminus* (Fabricius, 1793) (Lepidoptera: Riodinidae: Mesosemiini): First records for Rio de Janeiro and Pernambuco states, range extension and distribution map. with an assessment of its potential wider occurrence in Brazil. *Check List* 8(3): 548-550, 4 figs. [behavior]
- Bizuet, Yolanda, Moisés Armando Luis and Jorge Enrique Llorente**
2001. Mariposas del Parque Nacional El Chico, Hidalgo y sus relaciones biogeográficas con cinco zonas aledañas al Valle de México, México (Lepidoptera: Papilionoidea). *Shilap* 29(114): 145-159, 4 figs., 2 tabs. (30 June) [general]
- Bjorndal, Karen A.**
1980. See Clench, H. K. & K. A. Bjorndal, 1980.
- Blackman, Stuart**
2003. Flutterless butterfly. *BBC Wildlife Magazine* 21(8): 26, 1 fig. (August) [*Redonda bordoni* Vilorio & Pyrcz; Venezuela; behavior]
- Blackmore, Stephen**
1997. See Knapp, S. et al., 1997.
- Blackwell, Stephen H.**
2016. See Johnson, K. D. & S. H. Blackwell, 2016.
- Blackwell, Stephen H., and Kurt Duane Johnson**
2016. *Introduction*, pp. 1-28, pls. 1-62, E1, 92 figs., tab. 1. In: *Fine lines. Vladimir Nabokov's scientific art*. New Haven, Yale University Press. [general; history; Neotropics]
- Blaisdell, Muriel Louise**
1982. Natural theology and nature's disguises. *Journal of the History of Biology* 15(2): 163-189 [history; mimicry; evolution]
1992. *Darwinism and its data. The adaptive coloration of animals*. New York, Garland Publishing, Inc. vii + 404 pp., 4 pls., 3 figs. [general; mimicry; evolution; history]
- Blake, Charles Alfred [1834-1903]**
1865. Description of a new species of Cuban Lepidoptera. *Proceedings of the entomological Society of Philadelphia* 4(2): 313-314 (23 May) [*Papilio grotei*]
- 1879a. [A note]. *Transactions of the american entomological Society* 7: ix (26 May) [new species: *Pamphila dukolum*; Costa Rica]
- 1879b. [A note]. *Transactions of the american entomological Society* 7: xiv, 4 figs. (June) [comparative wing scale morphology; *Morpho cypris* Westwood, *M. sulkowskyi* Kollar]
- Blakley, Nigel R., and Hugh Dingle**
1978. Competition: butterflies eliminate milkweed bugs from a Caribbean island. *Oecologia* 37(1): 133-136 (13 November) [*Danaus plexippus* (Linnaeus); Antilles]
- Blancas, Fortunato [1919-1988]**
1959. Comunidades y campos de vida de Acolla y sus alrededores (Provincia de Jauja, Departamento de Junín), con estudio especial de los vertebrados. *Memorias del Museo de Historia natural "Javier Prado"* 7: 1-160, 2 pls., 15 figs., 4 tabs., 3 graphs. [general; Peru]
- Blanchard, Charles Émile [1819-1900]**
1840. *Histoire naturelle des insectes orthoptères, neuroptères, hémiptères, hyménoptères, lépidoptères et diptères. Tome troisième*. In: Laporte, F. L. N. de C. de [Comte de Castelnau], *Histoire naturelle des animaux articulés, annélides, crustacés, arachnides, myriapodes et insectes*. Paris, P. Duménil. [2] + 672 + [1] pp., 72 pls. ([26 December]) [general; new genera: *Clothilda*, *Megalura*,

- Victorina*, *Phyllophasis*, *Lymnas*, *Nimula*]
1844. Pl. 32. In: Blanchard, C. É. and A. Brullé, 1835-47, *Insectes de l'Amérique méridionale recueillis par Alcide d'Orbigny*. In: D'Orbigny, A., *Voyage dans l'Amérique méridionale (le Brésil, la République orientale de l'Uruguay, la République Argentine, la Patagonie, la République du Chili, la République de Bolivie, la République du Pérou), exécuté pendant les années 1826, 1827, 1828, 1829, 1830, 1831, 1832 et 1833*. Paris, P. Bertrand; Strasbourg, Ve. Levraut. 6(2): 1-222, pls. 1-32. ([18 November]) [general; new species: *Faunus tenebrosus*; Bolivia]
- 1845a. *Le dixième ordre des Insectes, celui des Lépidoptères (Lepidoptera.-Glossata Fabricius)*, pl. 142. In: *Les Insectes*. In: Cuvier, G., 1836-1849, *Le Règne Animal, distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux, et d'introduction à l'anatomie comparée*. Paris, Fortin, Masson et Cie. 1(32) (May) [3rd. ("Disciples") Ed.] [*Satyrus lena* (Linnaeus)]
- 1845b. *Sixième ordre. Les lépidoptères*, pp. 318-410, pls. 16-18. In: *Histoire des insectes, traitant de leurs moeurs et de leurs métamorphoses en général, et comprenant une nouvelle classification fondée sur leurs rapports naturels*. Paris, Didot. 2: [iv] + 524 pp., 20 pls. ([11 June]) [general]
1846. *Le dixième ordre des Insectes, celui des Lépidoptères (Lepidoptera.-Glossata Fabricius)*, pp. 229-272. In: *Les Insectes*. In: Cuvier, G., 1836-49, *Le Règne animal, distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux, et d'introduction à l'anatomie comparée*. Paris, Fortin, Masson et Cie.; Victor Masson. 2(41): 229-232 (June 1846), (42): 233-272 (August 1846) [3rd. ("Disciples") Ed.] [general]
1847. *Lépidoptères*, p. 222. In: Blanchard, C. É. & A. Brullé, 1835-1847, *Insectes de l'Amérique méridionale... In: D'Orbigny, A., Voyage dans l'Amérique méridionale...* Paris, P. Bertrand; Strasbourg, Ve. Levraut. 6(2): 1-222, pls. 1-32 ([after 17 April]) [general]
- 1852-54. *Orden VI. Lepidópteros*. In: Gay, C. (Ed.), *Historia física y política de Chile según documentos adquiridos en esta república durante doce años de residencia en ella y publicada bajo los auspicios del Supremo Gobierno*. Zoología. Paris, C. Gay. 7(1): 1-112 ([27 November] 1852). *Atlas* 2: pls. [107]-[113] (Lepidopteros 1-7) (1854) [general; new taxa: *Pieris gayi*, *P. polydice*, *P. demodice*, *P. microdice*, *P. nymphula*, *Terias chilensis*, *Colias flaveola*, *Argynnis lathonioides*, *A. anna*, *A. modesta*, *A. hortensia*, *Elina* (new genus) *vanessoides*, *Argyrophorus* (new genus) *argenteus*, *Erebia boisduvalii*, *Satyrus nemyroides*, *S. janirioides*, *S. monachus*, *Lycaena endymion*, *L. chilensis*, *Thecla americana*, *Steropes aureipennis*, *S. paniscoides*, *Hesperia fasciolata*, *H. signata*, *H. fulva*, *Syrictus flavomaculatus*, *S. americanus*, *S. notatus*]
- Blanchard, Everardo Eels** [1899-1971]
1923. La isoca de la palmera (*Pseudosarbia phoenicicola*, Berg). *Circular. Ministerio de Agricultura* (Buenos Aires) 40: 1. [life history; Argentina]
1925. Principales insectos que dañan las hortalizas. *Circular. Dirección general de Agricultura y Defensa agrícola. Ministerio de Agricultura* (Buenos Aires) 461: 1-27, 12 figs. (10 June) [*Tatochila autodice* (Hübner); life history; Argentina]
1926. Principales parásitos que dañan el cultivo de la alfalfa en la República Argentina. *Circular. Ministerio de Agricultura* (Buenos Aires) 645: 1-19, 3 pls. (Ed. 2, May 1930) [*Colias lesbia* (Fabricius), *Tatochila autodice* (Hübner); life histories]
1928. Principales insectos y enfermedades que perjudican el cultivo de la yerba mate. *Circular. Ministerio de Agricultura* (Buenos Aires) 735: 1-42, pls. (February) [*Thymele fulgurator* (Walch), *Emesis mandana* (Cramer), *Adelpha calliphiclea* (Butler); life histories; Argentina]
1930. Principales insectos y enfermedades que perjudican los cultivos cítricos en la República Argentina. *Circular. Ministerio de Agricultura* (Buenos Aires) 815: 114 pp., 8 pls., 43 figs. (August) [*Papilio thoas thoantiades* Burmeister; life history]
1935. Microgastrinos argentinos nuevos y poco conocidos. *Physoga* (Buenos Aires) 11(40): 459-471 (February) [*Tatochila autodice* (Hübner); parasitoids; Argentina]
- [1937]. Apuntes sobre calcidoideos argentinos, nuevos y conocidos. *Revista de la Sociedad entomológica argentina* 8: 7-32, 9 figs. ("1936", [1937]) [*Papilio thoas thoantiades* Burmeister, *Dione vanillae* (Linnaeus), *Tatochila autodice* (Hübner); parasitoids]
1939. Los animales enemigos de la fruticultura argentina y los medios de combatirlos. *Publicación miscelánea. Ministerio de Agricultura* (Buenos Aires) 58: 1-193, 110 figs., 5 pls. [*Papilio* spp.; life history; host plants]
1947. Descripciones y anotaciones de microgastrinos argentinos (Hymenoptera). *Arthropoda* (Buenos Aires) 1(1): 6-22, 8 figs. (November) [*Colias lesbia* (Fabricius), *Tatochila autodice* (Hübner); parasitoids]
1959. Dípteros parásitos de orugas de Arctiidae ("gatas peludas"). *Revista de Investigaciones agrícolas* (Buenos Aires) 13(2): 157-182, 13 figs. [*Diogas erippus* (Cramer); parasitoid; Argentina]
1960. Microgastrinos del género *Apanteles*. *Memoria Técnica del Centro de Investigaciones agropecuarias I.N.T.A.* (Buenos Aires) 1955/59: 152 (21 December) [*Caligo* sp.; parasitoid; Argentina]
1964. Un nuevo microgastrino argentino (Hym. Braconidae). *Revista de la Sociedad entomológica argentina* 26(1/4): 41-42, 1 fig. (15 December) [*Caligo* sp.; parasitoid]
1966. Descripción de un díptero de la oruga o perro del naranjo, *Papilio thoas thoantiades* Burm. (Lepidoptera). *Revista de Investigaciones agropecuarias* (Buenos Aires) (5)3(4): 27-31, 1 fig. [parasitoids; Argentina]
- Blanchard, Everardo Eels, and Luis de Santis**
- [1978]. Primera lista anotada de oestromuscarios entomófagos argentinos. *Revista de Investigaciones agropecuarias, INTA* (Buenos Aires) (5)12(1): 7-76, 1 map ("1975", [1978]) [general; parasitoids]
- Blanchette, Matthieu**
2015. See Edger, P. P. et al., 2015.
- Blanco, Silverio**
1999. See Pérez, B. et al., 1999.
- Bland, Keith P.**
1994. *Strymon oreala* (Hewitson, 1868) (Lepidoptera: Lycaenidae) reared from flower of the bromeliad *Quesnelia lateralis* in southern Brazil. *News of the Lepidopterists' Society* 1994(1): 5 (January-February)
2003. The Lepidoptera collection of Scarborough Museum - background and some specimens of note. *Entomologist's Record and Journal of Variation* 115(5): 239-241 (25 September) [*Strymon melinus* Hübner]
2019. Name-bearing types of butterflies (Lepidoptera, Papilionoidea), in the National Museums of Scotland, Edinburgh. *Zootaxa* 4559(1): 57-89 (19 February) [general; Neotropics]
- Blandford, Walter Fielding Holloway** [1864-1952]
1897. [Notes]. *Proceedings of the entomological Society of London* 1897(2): xxii-xxxii, xxxiv-xxxvi (2 July), (3): xxxvii-xlvii (1 September) [general; mimicry]

- Blandin, Patrick** [1944- ]
- 1968a. Un nouvel exemplaire femelle de *Morpho helena* Staudinger (Nymphalidae). *Alexanor* 5(7): 319-324, pls. 13-14, 6 figs. (12 October) [*M. h.* form *harrisia*; Peru]
- 1968b. Remarques complémentaires sur les femelles de *Morpho helena* et de *Morpho cacia* (Nymphalidae). *Alexanor* 5(8): 343-344, 1 fig. [Peru]
1970. Remarques sur les variations de *Morpho* (*Grasseia*) *godarti* Guérin (Nymphalidae). *Alexanor* 6(6): 275-280, 5 figs. (6 June), (7): 321-326, fig. 6 (9 October) [Bolivia]
1974. Etude de *Caligopsis seleucida* (Hewitson) et considérations sur le genre *Caligopsis* Seydel (Brassolidae). *Alexanor* 8(4): 185-189, 1 fig. (8 January), (5): 225-231, figs. 2-4 (21 March) [general; morphology; Bolivia, Peru, Brazil, Colombia]
1977. La distribution géographique des Brassolinae (Lepidoptera - Satyridae). Faits et problèmes. *Publications du Laboratoire de Zoologie de l'Ecole normale supérieure* (Paris) 9: 161-218, 58 figs., 1 tab. (15 July) [general; Neotropics]
- [1978]a. Note sur *Morpho* (*Iphimedeia*) *hecuba polyxena* Biedermann, 1936, avec la description de la femelle (Lep. Nymphalidae). *Bulletin de la Société entomologique de France* 82(7/8): 198-200, 1 fig. ("September-October 1977", [17 April 1978]) [general; South America]
- 1978b. Contribution à la biogéographie néotropicale: Espèces endémiques, espèces polytypiques et super-espèces chez les Brassolinae (Lepidoptera-Satyridae). *Compte Rendu des Séances de la Société de Biogéographie* (Paris) 471: 9-28, 12 figs., 2 tabs. [general]
1985. See Lamotte, M. & P. Blandin, 1985.
1987. Evolution des écosystèmes et spéciation: le rôle des cycles climatiques. *Bulletin d'Ecologie* 18(1): 59-61, 1 fig. [*Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus); biogeography]
1988. *The genus Morpho. Lepidoptera Nymphalidae. Part 1. The Sub-Genera Iphimedeia and Schwartzia*. Compiègne, Sciences Nat. viii + 42 pp., 20 pls., 9 figs., 3 tabs., 6 maps (January) [new taxa: subgenus *Schwartzia*, *Morpho cisseis gahua*; Mexico, Central and South America]
1993. *The genus Morpho. Lepidoptera Nymphalidae. Part 2. The subgenera Iphixibia, Cytheritis, Balachowskyna and Cypritis*. Venette, Sciences Nat. Pp. i-viii, 43-98, pls. 21-36, fig. 10, tabs. 4-6, maps. 7-14 (December) [general; new subspecies: *Morpho* (*Cytheritis*) *sulkowskyi descimokoeni*, *M. (Cypritis) rhetenor adcaica*; Nicaragua, Costa Rica, South America]
- 2003a. Liste des Morphinae de Guyane. In: Lacomme, D. & L. Manil (Eds.), Lépidoptères de Guyane. *Bulletin des lépidoptéristes parisiens* numéro hors-série: 27, 1 fig. (January) [Ed. 2, October 2007] [general; French Guiana]
- 2003b. Quelques données sur les Brassolinae de Guyane française (Lepidoptera, Nymphalidae). In: Lacomme, D. & L. Manil (Eds.), Lépidoptères de Guyane. *Bulletin des lépidoptéristes parisiens* numéro hors-série: 33-38, pl. 4, 2 figs., 1 tab. (January) [Ed. 2, October 2007] [general]
2004. See Duchêne, G. & P. Blandin, 2004.
2006. Deux nouvelles sous-espèces péruviennes de *Morpho* (*Balachowskyna*) *aurora* Westwood, 1851 (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 111(3): 321-325, 8 figs. ([25] September) [*M. (B.) a. lamasi*, *M. (B.) a. isidorssonii*]
- 2007a. *The systematics of the genus Morpho, Fabricius, 1807 (Lepidoptera Nymphalidae, Morphinae)*. Canterbury, Hillside Books. 277 pp., 3 figs., 47 tabs., 16 maps (June) [new subspecies: *M. telemachus jorgei*, *M. amphitryon attali*, *M. zephyritis cesarsamensis*, *M. rhetenor tello*, *M. cypris smalli*, *M. menelaus pucallpensis*, *M. m. lecromi*, *M. godartii lachaumei*, *M. godartii tingomariensis*, *M. deidamia mariae*, *M. helenor lacommei*, *M. h. mielkei*, *M. h. courtini*, *M. h. bristowi*, *M. h. cormieri*, *M. h. guanacastensis*; Neotropics]
- 2007b. *The genus Morpho. Part 3. Addenda to Part 1 and Part 2 & The subgenera Pessonia, Grasseia, and Morpho*. Canterbury, Hillside Books. Pp. i-xi, 99-237, figs. 11-455, tabs. 7-12 (September) [general]
- 2007c. *Laurschwartzia* nom. nov., nom de substitution pour le sous-genre *Schwartzia* Blandin, 1988 (Lep., Nymphalidae, Morphinae). *Bulletin de la Société entomologique de France* 112(4): 510 (28 December)
2008. Une nouvelle sous-espèce péruvienne de *Morpho rhetenor* (Cramer, 1775) (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 113(2): 187-196, 16 figs. ([10] June) [*M. r. mariajosianae*]
- 2009a. See Janzen, D. H. et al., 2009.
- 2009b. See Duchêne, G. & P. Blandin, 2009.
- 2009c. Aller à l'espèce: un rêve? *Mémoires de la Société entomologique de France* 8: 121-127 (July) [general; systematics; *Morpho*]
- 2010a. See Gallusser, S. et al., 2010.
- 2010b. See Cassildé, C. et al., 2010.
- 2010c. See Nakahara, S. & P. Blandin, 2010.
2011. See Gareca, Y. & P. Blandin, 2011.
- 2012a. See Cassildé, C. et al., 2012.
- 2012b. See Chacón, I. A. et al., 2012.
2014. See Ramírez, C. et al., 2014.
2016. See Chazot, N. et al., 2016a.
- 2017a. See Nattier, R. et al., 2017.
- 2017b. La diversité des populations de *Morpho helenor* (Cramer, 1776) au Panama (Lepidoptera Nymphalidae Satyrinae Morphini). *Antenor* 4(2): 147-154, 3 figs. ("15 December", [14 December]) [general]
2018. See Debat, V. et al., 2018.
- Blandin, Patrick, Clement Roger Bristow, Andrew Frederic Edwyn Neild, Juan Carlos de Sousa, Yuvinka Gareca and Blanca Cecilia Huertas**
- 2014a. Revisiting the Andean butterfly *Eryphanis zolvizora* group (Lepidoptera, Nymphalidae): one or several species? *European Journal of Taxonomy* 71: 1-66, 16 figs., 5 tabs. (3 January) [new subspecies: *E. z. inca*, *E. z. chachapoya*, *E. z. casagrande*, *E. z. reyi*, *E. z. isabelae*; Venezuela, Colombia, Ecuador, Peru, Bolivia]
- Blandin, Patrick, Mauro Costa and Stéphane Attal**
2015. *Opsiphanes sallei* Doubleday, [1849], au Vénézuéla: une espèce méconnue (Lepidoptera Nymphalidae Morphinae Brassolini). *Antenor* 2(1): 109-121, 7 figs. ("20", [24] June) [Peru, Bolivia]
- Blandin, Patrick, and Pierre-Louis Deroche**
2011. *Morpho sulkowskyi* Kollar, 1850, a été découvert au Venezuela... il y a 40 ans (Lepidoptera, Nymphalidae, Morphinae). *Bulletin de la Société entomologique de France* 116(1): 7-13, 2 figs. ([1] March) [distribution]
- Blandin, Patrick, and Henri Descimon**
1971. Contribution à la connaissance des lépidoptères de l'Equateur. Le genre *Morpho* (Nymphalidae). *Alexanor* 6(8): 371-380, 1 fig. (13 January) [general; ecology; behavior]
1975. Contribution à la connaissance des lépidoptères de l'Equateur. Les Brassolinae (Nymphalidae). *Annales de la Société entomologique de France* (N.S.) 11(1): 3-28, 8 figs. (January-March) [general; life histories; morphology; behavior; zoogeography]
1977. Contribution à la connaissance des lépidoptères de l'Equateur. Nouvelles données sur les Brassolinae (Nymphalidae) de l'Occident. *Annales de la Société entomologique de France* (N.S.) 13(1): 75-88, 5 figs., 1

- tab. (January-March) [general; zoogeography]
- Blandin, Patrick, and Yuvinka Gareca**  
2011. A new subspecies of *Morpho* (*Grasseia*) *godartii* Guérin-Méneville, [1844], discovered in sub-humid forests from southern Bolivian Andes (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 116(3): 291-300, 10 figs. ([14] September) [*M. (G.) g. titogilberti*]
- Blandin, Patrick, and Georges Jeannot**  
1974. Polytypisme et polymorphisme chez *Morpho telemachus* Linné, 1758 (Lepidoptera, Nymphalidae). *Archives de Zoologie expérimentale et générale* 115(2): 229-250, 3 figs. (15 July) [general; classification; new form: *M. t. martini equatorius*; South America]
- Blandin, Patrick, and Gilbert Lachaume**  
2014. La découverte des *Morpho* dans le Pérou septentrional, de la fin du XIX<sup>e</sup> au début du XXI<sup>e</sup> siècle (Lepidoptera Nymphalidae Morphinae Morphini). *Antenor* 1(2): 199-261, 53 figs., 1 tab. ("19", [22] December) [general; history; distribution]
- Blandin, Patrick, and Gerardo Lamas**  
[2007]. Five new Peruvian subspecies of *Morpho* (Lepidoptera: Nymphalidae, Morphinae). *Revista peruana de Entomología* 45: 65-69 ("27 December 2006", [14 February 2007]) [*M. cisseis cabrera*, *M. c. jeannoti*, *M. amphitryon duchenei*, *M. sulkowskyi calderoni*, *M. s. nieva*]
- Blandin, Patrick, and Jean-François Le Crom**  
2015. Les populations de *Morpho* (*Morpho*) *helenor* (Cramer, 1776) dans les Llanos de Colombia: caractérisation et affinités (Lepidoptera Nymphalidae Morphinae Morphini). *Antenor* 2(2): 210-223, 10 figs. ("20", [23] December) [general; Venezuela, Peru Brazil]
2017. The amazing story of *Morpho niepelti* Röber, 1927, the odd, last described *Morpho* species (Lepidoptera Nymphalidae Satyrinae Morphini). *Antenor* 4(1): 71-78, 4 figs. ("15", [14] June) [Colombia, Ecuador]
- Blandin, Patrick, and Bruce H. Purser**  
2013. Evolution and diversification of Neotropical butterflies: Insights from the biogeography and phylogeny of the genus *Morpho* Fabricius, 1807 (Nymphalidae: Morphinae), with a review of the geodynamics of South America. *Tropical Lepidoptera Research* 23(2): 62-85, 12 figs. (1 December) [general]
- Blandin, Patrick, César Ramírez, Stéphanie Gallusser and Gilbert Lachaume**  
2014b. Premières observations de la chenille de *Morpho achilles*: comparaison avec *M. helenor* et *M. granadensis* (Lepidoptera, Nymphalidae, Morphinae). *Bulletin de la Société entomologique de France* 119(3): 323-328, 7 figs. ([16] September) [larvae; host plants; Peru]
- Blankaart, Steven [= Stephan]** [1650-1704]  
1690. *Schau-Platz der Raupen Würmer Maden und fliegenden Thiergen. Welche daraus erzeuget werden durch eigene Untersuchung zusammen gebracht*. Leipzig, Joh. Friedrich Gleditsch. [xiv] + 178 + 6 pp., 22 pls. [1st. Dutch ed., 1688] [general; Surinam]
- Blas, Marcelina**  
2013. See León, J. L. et al., 2013.
- Blásquez, Ignacio** [1820-1885]  
1865. See Blásquez, P. & I. Blásquez, 1865.  
1870. Insectos del maguey. *La Naturaleza* (México) 1(14): 282-288, 1 pl. (July), (15): 289-290 (August) [*Teria agavis* P. Blásquez & I. Blásquez; egg, larva, pupa, imago; Mexico]
- Blásquez, Pedro, and Ignacio Blásquez**  
1865. *Memoria sobre el maguey mexicano* (Agave maximiliana). México, Imprenta de Andrade y Escalante. 33 pp., 2 pls. [new genus and species: *Teria agavis*; egg, larva, pupa, imago; host plant; Mexico]
- Blatchley, Willis Stanley** [1859-1940]  
1892. Entomologizing in Mexico. *Entomological News* 3(5): 111-114 ([2] May), (6): 131-136 ("June", [27 May]) [general]  
1934. *South America as I saw it. The observations of a naturalist on the living conditions of its common people; its topography and products; its animals and plants*. Indianapolis, The Nature Publishing Company. 391 pp., frontisp., 1 map. [general]
- Blau, William S.**  
1980. The effect of environmental disturbance on a tropical butterfly population. *Ecology* 61(5): 1005-1012, 4 figs., 1 tab. (October) [*Papilio polyxenes* Fabricius; life history; ecology; Costa Rica]  
1981a. Notes on the natural history of *Papilio polyxenes stabilis* (Papilionidae) in Costa Rica. *Journal of the Lepidopterists' Society* 34(3): 321-324, 4 figs. (11 February)  
1981b. Life history variation in the black swallowtail butterfly. *Oecologia* 48(1): 116-122, 4 figs., 4 tabs. (February) [*Papilio polyxenes* Fabricius; Costa Rica]  
1981c. *Latitudinal variation in the life histories of insects occupying disturbed habitats: a case study*, pp. 75-95, 7 figs., 1 tab. In: Denno, R. F. & H. Dingle (Eds.), *Insect Life History Patterns: Habitats and Geographic Variation*. New York, Springer. [*Papilio polyxenes* Fabricius; Costa Rica]
- Blau, William S., and Paul P. Feeny**  
1983. Divergence in larval responses to food plants between temperate and tropical populations of the black swallowtail butterfly. *Ecological Entomology* 8(3): 249-257, 2 figs., 3 tabs. (August) [*Papilio polyxenes* Fabricius; Costa Rica]
- Blaxter, Mark L.**  
2005. See Papanicolaou, A. et al., 2005.  
2008. See Papanicolaou, A. et al., 2008.  
2012a. See Nadeau, N. J. et al., 2012.  
2012b. See Dasmahapatra, K. K. et al., 2012.  
2013a. See Nadeau, N. J. et al., 2013.  
2013b. See Martin, S. H. et al., 2013.  
2019. See Edelman, N. B. et al., 2019.
- Blest, Andrew David**  
1957. The function of eyespot patterns in the Lepidoptera. *Behaviour* 11(2/3): 209-256, 14 figs., 19 tabs. [*Caligo* spp.]
- Blochtein, Betina**  
2007. See Lopes, L. A. et al., 2007.
- Blugeon, Corinne**  
2019. See Saenko, S. V. et al., 2019.
- Blum, Michael J.**  
2002a. See Dasmahapatra, K. K. et al., 2002.  
2002b. Rapid movement of a *Heliconius* hybrid zone: Evidence for phase III of Wright's Shifting Balance theory? *Evolution* 56(10): 1992-1998, 3 figs., 1 tab. (October) [*Heliconius erato* (Linnaeus); Panama]  
2002c. See Flanagan, N. S. et al., 2002.  
2008. Ecological and genetic associations across a *Heliconius* hybrid zone. *Journal of evolutionary Biology* 21(1): 330-341, 5 figs., 2 tabs. (January) [*H. erato* (Linnaeus), *H. e. hydara* Hewitson; French Guiana]
- Blum, Michael J., Eldredge P. Bermingham and Kanchon Kumar Dasmahapatra**  
2003. A molecular phylogeny of the Neotropical butterfly genus *Anartia* (Lepidoptera: Nymphalidae). *Molecular Phylogenetics and Evolution* 26(1): 46-55, 3 figs., 2 tabs. (January) [general; Neotropics]

- Blum, Murray Sheldon** [1929- ]  
1986. See Young, A. M. et al., 1986.
- Blumberg, Andrew J.**  
2019. See Edelman, N. B. et al., 2019.
- Blume, Lauren M.**  
2006. See Kronforst, M. R. et al., 2006a.
- Blut, Christina, Jeanne Wilbrandt, Dennis Fels, Eva Isabelle Girdel and Klaus Lunau**  
2012. The 'sparkle' in fake eyes – the protective effect of mimic eyespots in Lepidoptera. *Entomologia experimentalis et applicata* 143(3): 231-244, 6 figs., 1 tab. (June; published online 17 April) [general; morphology]
- Boada, Ruth**  
2005. Insects associated with endangered plants in the Galápagos islands, Ecuador. *Entomotropica* 20(2): 81-92, 1 tab. (August) [*Hemiargus ramon* (Dognin), *Urbanus dorantes galapagensis* (Williams)]
- Boaretto, Amanda Galdi**  
2008. See Boff, S. et al., 2008.
- Bobadilla, Dante**  
2002. See Vargas, H. A. & D. Bobadilla, 2002.  
2016. See Vargas, H. A. et al., 2016.
- Bobadilla, Dante, Héctor Andrés Vargas and Mauricio Jiménez**  
1993. Enemigos naturales de los principales lepidópteros plagas del tamarugo *Prosopis tamarugo* Philippi. *Idesia* 12: 5-11, 4 figs. [*Leptotes trigemmatum* (Butler); host plant; parasitoids; predators; Chile]
- Bobadilla, Ricardo**  
2015. See Basset, Y. et al., 2015.  
2017. See Basset, Y. et al., 2017.
- Bocanegra, Santiago, and Eddie Echandi**  
1969. *Cultivo de las menestras en el Perú. Frijol, garbanzo, pallar, habas, arvejas y lentejas*. Lima, Ministerio de Agricultura. v + 47 pp., 37 figs., 3 tabs. (February) [*Urbanus proteus* (Linnaeus); host plant]
- Bocanegra, Santiago, René Huanqui, Rodolfo Vargas, Rufino Montalvo, Lily R. Brown, Segundo Dongo and Juan Ezequiel González**  
1959. Programa nacional de frijol. 2° informe anual 1958. *Informe. Estacion experimental agrícola de La Molina* (Lima) 112: 1-82, tabs., graphs (August) [*Prenes* sp.; Peru]
- Bock, Brian Carl**  
2005. See Álvarez, C. F. et al., 2005.
- Boddaert, Pieter** [1730-1795]  
1783. *Table des planches enluminées d'histoire naturelle, de M. d'Aubenton. Avec les dénominations de M.M. de Buffon, Brisson, Edwards, Linnaeus et Latham, précédé d'un notice des principaux ouvrages zoologiques enluminés*. Utrecht. xvi + 58 + 9 pp. (after 1 December) [reprinted in London, 1874, by W. B. Tegetmeier] [general; new species: *Papilio fucatus*, *Sphinx bicolora*; Hispaniola]
- Boden, Stuart A., Asa Asadollahbaik, Harvey N. Rutt and Darren M. Bagnall**  
2012. Helium ion microscopy of Lepidoptera scales. *Scanning* 34(2): 107-120, 10 figs., 1 tab. (April; published online 27 July 2011) [*Parides sesostris* (Cramer); morphology]
- Bodine, Donaldson** [1866-1915]  
1896. The taxonomic value of the antennae of the Lepidoptera. *Transactions of the American Entomological Society* 23: 1-56, pls. 1-5 (January-March) [general]
- Bodini, Andrés**  
2009. See Pizarro, J. et al., 2009.
- Bodkin, Gilbert Edwin**  
1912. Entomological notes. *Journal of the Board of Agriculture of British Guiana* 6(1): 10-13, 50 (July) [*Anosia plexippus* (Linnaeus); host plant; Guyana]
- 1913a. Insects injurious to sugar cane in British Guiana, and their natural enemies. *Journal of the Board of Agriculture of British Guiana* 7(1): 29-32 (July) [Hesperiidae; *Caligo illioneus illioneus* (Cramer); parasitoids]
- 1913b. Entomological notes. *Journal of the Board of Agriculture of British Guiana* 7(1): 50-52 (July) [*Brassolis sophorae* (Linnaeus); parasitoid; Guyana]
1914. Appendix III. Report of the economic biologist. *Report of the Department of Science and Agriculture* (Georgetown) 1912/ 1913: 10 pp. [Hesperiidae, *Brassolis sophorae* (Linnaeus); Guyana]
- 1915a. Appendix III. Report of the economic biologist. *Report of the Department of Science and Agriculture* (Georgetown) 1913/ 1914: 11 pp. [general; host plants; parasitoids; Guyana]
- 1915b. Appendix III. Report of the economic biologist. *Report of the Department of Science and Agriculture* (Georgetown) 1914/ 1915: 11 pp. (17 September) [*Brassolis sophorae* (Linnaeus), Hesperiidae; parasitoids; Guyana]
- Bodner, Florian Gerhard Franz**  
2016. See Seifert, C. L. et al., 2016.
- Bodner, Florian Gerhard Franz, Patrick Strutzenberger, Gunnar Brehm and Konrad Fiedler**  
2012. Species richness and host specificity among caterpillar ensembles on shrubs in the Andes of southern Ecuador. *Neotropical Entomology* 41(5): 375-385, 5 figs., 1 tab. (October; published online 13 July) [general; host plants]
- Boege, Karina**  
2011. See Benítez, S. et al., 2011.
- Bökemeier, Rolf, and Geoff Tompkinson**  
1987. Geliebt, gejagd und augespiesst. *Geo. Das Reportage-Magazin* 4(4): 64-88, figs. (30 March) [general]
- Boender, Ronald**  
1990. See Emmel, T. C. & R. Boender, 1990.  
1991. See Emmel, T. C. & R. Boender, 1991.
- Bönnighausen, Victor von** [ -1907]  
1896a. Beitrag zur Kenntniss der Lepidopteren-Fauna von Rio de Janeiro. *Verhandlungen des Vereins für naturwissenschaftliche Unterhaltung zu Hamburg* 9: 19-41 (February) [general; host plants; larvae, pupae, imagines; behavior; ecology; new species: *Tachyris janeira*; Brazil]
- 1896b. Die Raupe von *Brassolis astyra*. *Insekten-Börse* 13(10): 78 (23 April) [life history; Brazil]
1901. Beitrag zur Kenntniss der Lepidopteren-Fauna von Rio de Janeiro mit Einschluss einiger angrenzenden südbrasilianischen Staaten und Ländern. Bericht III. Rhopalocera. Fam.: Libytheidae, Erycinidae und Lycaenidae. *Deutsche entomologische Zeitschrift "Iris"* 14(1): 65-87 (5 October) [general; Brazil]
- Börner, Carl Julius Bernard** [1880-1953]  
1939. Die Grundlagen meines Lepidopteren-systems. *Verhandlungen. VII. internationaler Kongress für Entomologie* (Berlin) 2: 1372-1424, 51 figs. (July) [general]
- Boeseman, Marinus**  
1970. The vicissitudes and dispersal of Albertus Seba's zoological specimens. *Zoologische Mededelingen* 44(13): 177-206, pls. 1-4, 1 fig. (17 January) [general]
- Boethius, J.**  
1970. See Bernhard, C. G. et al., 1970.
- Boff, Samuel, Gustavo Gracioli, Amanda Galdi Boaretto and Maria Rita Marques**  
2008. Insetos visitantes de gomas exsudadas por *Terminalia argentea* Mart & Zucc (Combretaceae). *Revista brasileira de Entomologia* 52(3): 477-479, 1 fig., 2 tabs. (30 September) [*Callicore astarte selina* (Guenée), *Hamadryas amphinome* (Linnaeus); Brazil]
- Boggs, Carol L.**

1977. See Dunlap-Pianka, H. L. et al., 1977.
- 1981a. Nutritional and life-history determinants of resource allocation in holometabolous insects. *American Naturalist* 117(5): 692-709, 8 tabs. (May) [*Heliconius cydno* (Doubleday), *H. charitonius* (Linnaeus); Costa Rica]
- 1981b. Selection pressures affecting male nutrient investment at mating in heliconiine butterflies. *Evolution* 35(5): 931-940, 1 fig., 3 tabs. (29 September) [Costa Rica]
1986. Reproductive strategies of female butterflies: variation in and constraints on fecundity. *Ecological Entomology* 11(1): 7-15, 2 figs., 3 tabs. (February) [*Heliconius charitonius* (Linnaeus), *Dryas iulia* (Fabricius)]
1987. *Ecology of nectar and pollen feeding in Lepidoptera*, pp. 369-391. In: Slansky, F., Jr. & J. G. Rodríguez (Eds.), *Nutritional ecology of insects, mites, spiders, and related invertebrates*. New York, John Wiley & Sons. [general]
1990. A general model of the role of male-donated nutrients in female insects' reproduction. *American Naturalist* 136(5): 598-617, 2 figs., 2 tabs. (November) [*Heliconius cydno* Doubleday]
1995. *Male nuptial gifts: phenotypic consequences and evolutionary implications*, pp. 215-242. In: Leather, S. R. & J. Hardie (Eds.), *Insect reproduction*. Boca Raton, CRC Press. [*Heliconius*]
1997. Reproductive allocation from reserves and income in butterfly species with differing adult diets. *Ecology* 78(1): 181-191, 5 figs., 2 tabs. (January) [*Heliconius charitonius* (Linnaeus); host plants; Costa Rica]
1998. Salt, sex, and the single butterfly. *American Butterflies* 6(3): 4-9, 5 figs. [general; behavior]
- 2003a. See Horner-Devine, M. C. et al., 2003.
- 2003b. See Watt, W. B. & C. L. Boggs, 2003.
- 2003c. See O'Brien, D. M. et al., 2003.
- 2004a. See Wahlberg, N. et al., 2004.
- 2004b. See Ehrlich, P. R. et al., 2004.
2005. See Jervis, M. A. et al., 2005.
- 2009a. Understanding insect life histories and senescence through a resource allocation lens. *Functional Ecology* 23(1): 27-37, 1 fig. (January; published online 16 January) [general]
- 2009b. See Eberhard, S. H. et al., 2009.
2010. See Bonebrake, T. C. et al., 2010.
2011. See Bonebrake, T. C. et al., 2011.
2014. See Bonebrake, T. C. et al., 2014.
2016. See Ravenscraft, A. & C. L. Boggs, 2016.
- 2019a. See Hill, J. A. et al., 2019.
- 2019b. See Ravenscraft, A. et al., 2019.
- Boggs, Carol L., and Lawrence Edmund Gilbert**
1979. Male contribution to egg production in butterflies: evidence for transfer of nutrients at mating. *Science* 206(4414): 83-84, 1 fig., 1 tab. (5 October) [general; behavior; physiology]
1987. Spatial and temporal distribution of *Lantana* mites phoretic on butterflies. *Biotropica* 19(4): 301-305, 1 fig., 2 tabs. (December) [general; Costa Rica]
- Boggs, Carol L., John T. Smiley and Lawrence Edmund Gilbert**
1981. Patterns of pollen exploitation by *Heliconius* butterflies. *Oecologia* 48(2): 284-289, 2 figs., 6 tabs. (March) [general; Trinidad, Costa Rica]
- Bogiani, Paulo Alexandre, Rodrigo Aranda and Camila de Oliveira Freitas Machado**
2012. Riqueza de borboletas (Lepidoptera) em um fragmento urbano de cerrado em Mato Grosso do Sul, Brasil. *EntomoBrasilis* 5(2): 93-98, 2 figs., 2 tabs. (August) [general]
- Bogue, Robert**
2009. Inspired by nature: developments in biomimetic sensors. *Sensor Review* 29(2): 107-111, 8 figs. [*Morpho sulkowskyi* Kollar; physics]
2013. Inspired by nature at the nanoscale. *Sensor Review* 33(1): 19-24, 9 figs. [*Morpho sulkowskyi* Kollar; physics]
- Boiça Junior, Arlindo Leal**
1994. See Vendramim, J. D. & A. L. Boiça Junior, 1994.
1998. See Lara, F. M. et al., 1998.
1999. See Lara, F. M. et al., 1999.
2005. See Medeiros, C. A. M. & A. L. Boiça Junior, 2005.
- 2007a. See Medeiros, C. A. M. et al., 2007.
- 2007b. See Angelini, M. R. & A. L. Boiça Junior, 2007.
2009. See Angelini, M. R. & A. L. Boiça Junior, 2009.
- 2015a. See Nogueira, L. et al., 2015.
- 2015b. See Angelini, M. R. & A. L. Boiça Junior, 2015.
2018. See Nogueira, L. et al., 2018.
- Boiça Júnior, Arlindo Leal, Marina Robles Angelini and João Carlos de Oliveira**
2008. Aspectos biológicos de *Dione juno juno* (Cramer) (Lepidoptera: Nymphalidae) em genótipos de maracujazeiro. *Revista brasileira de Fruticultura* 30(1): 101-105, 2 figs., 2 tabs. (March) [host plants; Brazil]
- Boiça Junior, Arlindo Leal, Antonio César Bolonhezi and Jurandir Paccini Neto**
1984. Levantamento de insetos-pragas e seus inimigos naturais em girassol (*Helianthus annuus* L.), cultivado em primeira e segunda época, no Município de Selvíria-MS. *Anais da Sociedade entomológica do Brasil* 13(2): 189-196, 2 tabs. [*Chlosyne lacinia saundersi* Doubleday; host plants; Brazil]
- Boiça Junior, Arlindo Leal, Fernando Mesquita Lara and João Carlos Oliveira**
- 1999a. Efeito de genótipos de maracujazeiro (*Passiflora* spp.) e da densidade larval na biologia de *Dione juno juno* (Cramer) (Lepidoptera: Nymphalidae). *Anais da Sociedade entomológica do Brasil* 28(1): 41-47, 2 tabs. (March) [host plant; Brazil]
- 1999b. Flutuação populacional de *Dione juno juno* (Cramer, 1779) (Lepidoptera: Nymphalidae) em maracujazeiros (*Passiflora* spp.), métodos de amostragem e resistência de genótipos. *Scientia agricola* (Piracicaba) 56(2): 437-441, 1 figs., 3 tabs. (April-June) [host plant; Brazil]
- Boiça Junior, Arlindo Leal, and José Djair Vendramim**
1993. Infestação de girassol pela lagarta *Chlosyne lacinia saundersii* [sic] em duas épocas de cultivo. *Scientia agricola* (Piracicaba) 50(2): 244-253, 6 tabs., 2 figs. (June-September) [host plant; Brazil]
- Boiça Junior, Arlindo Leal, José Djair Vendramim and José Carlos Barbosa**
1993. Efeito da densidade larval e da idade das plantas de girassol sobre a biologia de *Chlosyne lacinia saundersii* [sic] Doubleday & Hewitson, 1849 (Lepidoptera, Nymphalidae). *Revista de Agricultura* (Piracicaba) 68(2): 187-206, 10 tabs. (September) [host plant; behavior; Brazil]
- Boireau, Patrick**
1996. Les volières de papillons tropicaux. *Insectes* 102: 13-14, 19-20, 3 figs. [general; breeding]0
1997. Les volières de papillons tropicaux. 2ème partie: intérêts. *Insectes* 106: 19-21, 2 figs. (September) [general; breeding]
- Bois-Choussy, M.** - See Choussy, M.
- Boisduval, Jean Baptiste Alphonse Dechauffour de** [1799-1879]
1832. *Voyage de découvertes de l'Astrolabe exécuté par ordre du Roi, pendant les années 1826-1827-1828-1829, sous le commandement de M. J. Dumont d'Urville. Faune entomologique de l'Océan Pacifique, avec l'illustration des*

- insectes nouveaux recueillis pendant le voyage. Lépidoptères.* Paris, J. Tastu. 1: [4] + iv + [5]-267 pp., pls. 1-5 (April) [general; new taxa: *Pieris theodice*, *Eubagis*; Chile, Brazil, Guyana]
1836. *Suites à Buffon. Histoire naturelle des Insectes. Species général des Lépidoptères.* Paris, Librairie Encyclopédique de Roret. 1: 4 + xii + 690 + 6 pp., pls. 1A-4A, 1B-12B, 1C-8C [= 1-24] (11 April) [general; new taxa: *Papilio philolaus*, *P. rogeri*, *P. numa*, *P. coelus*, *P. arriphus*, *P. erithalion*, *P. tarquinius*, *P. proteus*, *P. serapis*, *P. orchamus*, *P. trojanus*, *P. thymbraeus*, *P. perrhebus*, *P. echedorus*, *P. claudius*, *P. corethrus*, *P. choridamas*, *P. phaon*, *P. archidamas*, *P. coristheus*, *P. pilumnus*, *P. daunus*, *P. cincinnatus*, *P. marchandii*, *P. mentor*, *P. ornythion*, *P. augustus*, *P. oebalus*, *P. scamander*, *P. grayi*, *Euterpe* (new genus) *charops*, *E. antodyca*, *E. emeris*, *E. nimbece*, *E. tisiphone*, *E. theano*, *Hemerocharis*, *Leptalis orise*, *L. jethys*, *L. isodrita*, *L. dilis*, *Pieris calydonia*, *P. viardi*, *P. isandra*, *P. leucania*, *P. evonima*, *P. vallei*, *P. joppa*, *P. maenacte*, *P. aripa*, *P. nehemia*, *P. balidia*, *P. elodia*, *P. ausia*, *P. suasa*, *Nathalis* (new genus) *iole*, *Rhodocera lacordairei*, *R. gueneeana*, *Callidryas agarithe*, *C. neleis*, *Colias rutilans*, *Terias mexicana*, *T. tenella*, *T. venusta*, *T. gentilis*, *T. leuce*, *T. stygma*, *T. stygmula*, *T. westwoodii*, *T. gnathene*, *T. bulaea*, *T. mana*, *Diophtalma* (new genus) *sifia*, *Nymphidium jessa*, *Desmozona*, *Prepona*, *Heterochroa* (new genus) *serpa*, *Cystineura*, *Catagramma* (new genus) *hydaspes*, *Cybdelis* (new genus) *phaesila*, *Biblis aganisa*, *Callithea*, *Nerias*, *Heliconia daeta*, *Eresia*, *Eantis*, *Limnas* (new genus) *pixe*, *Eurybia telephae*, *Nymula* (new genus) *gnosis*, *Hypophylla* (new genus) *zeurippa*, *Desmozona acherois*, *Diophtalma telegone*, *Eurygona* (new genus) *phedica*, *Thecla sito*, *Peridromia*; Neotropics]
- [1853]. [A note]. *Bulletin de la Société entomologique de France* (2)10(4): lxxi ([23 March]) [riodinid larvae; French Guiana]
1859. [A note]. *Bulletin de la Société entomologique de France* (3)7(3): clvii-clviii (9 November) [new species: *Argynnis dexamene*; Argentina]
- 1869a. Description d'un lépidoptère nouveau. *Insectologie agricole* 3(4): 100-101 (April) [*Papilio lorzae*; Central America]
- 1869b. Lépidoptères de la Californie. *Annales de la Société entomologique de Belgique* 12: 5-28, 37-94 (pp. 29-36 never published) ([before 15 October]) [new species: *Melitaea callina*, *M. sonora*; Mexico]
1870. *Considérations sur des lépidoptères envoyés du Guatemala à M. de l'Orza.* Rennes, Oberthür et fils. 1 + 100 pp. ([before 27 August]) [general; new taxa: *Papilio lycimenes*, *Terias depuisseti*, *Eumenia godartii*, *E. toxana*, *Eucharis*, *Thecla gauna*, *Lycaena cassioides*, *L. cassidula*, *L. nyagora*, *L. gozora*, *Erycina zinna*, *E. erigone*, *Desmozona ascolides*, *Mesene hewitsonii*, *M. simbla*, *M. niciades*, *M. macularia*, *Hypophylla umbra*, *Nelone* (new genus) *praxithea*, *N. aurimna*, *Ageronia oenoe*, *A. amphichloe*, *Heliconia mexicana*, *H. rosina*, *H. euryas*, *H. thetis*, *Xanthocleis*, *Mechanitis doryssa*, *Corbulis*, *Leucothyris*, *Ceratonia*, *Choridis*, *Hyalyris*, *Godyris*, *Ithomia fizella*, *I. depauperata*, *Pagyris*, *Semelia*, *Synalpe*, *Synchloe pretona*, *S. paupera*, *Celoena*, *Catagramma phytas*, *Corybas*, *Amphirene*, *Timetes thonis*, *Heterochroa felderi*, *H. oberthurii*, *H. lorzae*, *H. roela*, *Chlorippe laura*, *C. mileta*, *C. mentas*, *Helicodes*, *Paphia onophis*, *P. eubaena*, *P. oenomais*, *Prepona phoebus*, *Megastes*, *Caligo fabricii*, *C. tamarindi*, *Pavonia dardanus*, *P. scamander*, *Eryphanis* (new genus) *wardii*, *Haetera heracles*, *Taygetis cecilia*, *Ocalis*, *Neonympha metaleuca*; Neotropics]
1871. [Notes]. *Petites Nouvelles entomologiques* 1(41): 163 (1 December) [Megathymidae; life history; Mexico]
- 1874a. Appendice au mémoire de M. J. B. Capronnier, sur les lépidoptères du Brésil. Description d'une espèce nouvelle du genre *Terias*. *Annales de la Société entomologique de Belgique* 17(1): 61-62, pl. 1, fig. 2 (30 July) [*T. sinoides*]
- 1874b. [A note]. *Bulletin des Séances de la Société entomologique de France* 1874(15): 177 (22 August) [also in *Bulletin de la Société entomologique de France* (5)4(3): clii (23 December)] [*Papilio servillei* Godart, *P. hippodamus* Felder; Colombia, Ecuador]
- Boisduval, Jean Baptiste Alphonse Dechauffour de, and John Eaton Le Conte**
- 1829-[1837]. *Histoire générale et iconographie des lépidoptères et des chenilles de l'Amérique septentrionale.* Paris, Méquignon-Marvis; Crochard; Roret. (1): 1-16, pls. 1-3 ([2 May] 1829), (2): 17-24, pls. 4-6 ([13 June] 1829), (3/4): 25-40, pls. 7-12 ([April 1830]), (5/6): 41-56, pls. 13-18 ([May 1830]), (7/8): 57-80, pls. 19-24 ([June 1830]), (9/10): 81-100, pls. 25-30 ([27 July] 1833), (11-22): 101-196, pls. 31-65 ([1835]), (23-26): 197-228, pls. 66-78 ([1837]) [general; Neotropics]
- Boisseau, Romain**
2016. See Arias, M. M. et al., 2016a.
- Boitard, Pierre** [1787-1859]
- [1826]. *Manuel d'Histoire Naturelle, comprenant les trois règnes de la Nature; ou généra complet des animaux, des végétaux et des minéraux.* Paris, Roret. 2: 443-870 ("1827"; [30 December 1826]) [general]
- 1828a. *Manuel d'Entomologie, ou histoire naturelle des insectes, contenant la synonymie et la description de la plus grande partie des espèces d'Europe et des espèces exotiques les plus remarquables.* Paris, Roret. 2: [i] + 418 pp. ([29 March]) [general; new genera: *Libythaëus*, *Nymphalus*, *Erycinus*]
- [1828]b. *Atlas des Insectes, composé de 110 planches, représentant la plupart des insectes décrits dans le Manuel d'Histoire Naturelle et dans le Manuel d'Entomologie.* Paris, Librairie Encyclopédique de Roret. 30 pp., 110 pls. [general]
1843. *Nouveau manuel complet d'Entomologie ou histoire naturelle des insectes et des myriapodes, contenant la synonymie et la description de la plus grande partie des espèces d'Europe et des espèces exotiques les plus remarquables.* Paris, Librairie Encyclopédique de Roret. 3: [iv] + 539 pp. ([29 May]) [general]
- Bojórquez, Luis A.**
2002. See Brower, L. P. et al., 2002.
- Bojórquez, Luis A., Lincoln Pierson Brower, Guillermo Castilleja, Salvador Sánchez, Mariano Hernández, William H. Calvert, Salomón Díaz, Paola Gómez, Georgina Alcantar, Erika Daniela Melgarejo, María José Solares, Liliana Gutiérrez and Ana María del Lourdes Juárez**
2003. Mapping expert knowledge: Redesigning the Monarch Butterfly Biosphere Reserve. *Conservation Biology* 17(2): 367-379, 5 figs., 2 tabs. (April) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Bolaños, Federico**
2019. See Murillo, L. R. et al., 2019.
- Bolaños, Ivón Andrea, and Giselle Zambrano**
2011. Factibilidad de cría de *Pteronymia zerlina* y *P. medellina* (Lepidoptera: Danainae: Ithomiini). *Revista colombiana de Entomología* 37(1): 117-120, 2 tabs. (June) [life histories; host plant; Colombia]
- Bolaños, Ivón Andrea, Giselle Zambrano and Keith Richard Willmott**



2011. Descripción de los estados inmaduros de *Pteronymia zerlina zerlina*, *P. zerlina machay*, *P. veia florea* y *P. medellina* de Colombia y del Ecuador (Lepidoptera: Nymphalidae: Ithomiini). *Tropical Lepidoptera Research* 21(1): 27-33, 1 fig., 4 tabs. (1 June) [eggs, larvae, pupae, imago; host plants; behavior]
- Bolaños, Sandra Isabel, Paulina Cortés, Claudia Alexia Garrido, Alam Hernández, Claudia Miroslava Malagón, Viridiana Johaly Miguel, David Pérez and Salvador Ramírez**
2014. Insectos holometábolos (Lepidoptera, Hymenoptera y Diptera) del Municipio de Jungapeo, Michoacán. *Entomología mexicana* 1: 491-496, 3 figs., 1 tab. (July) [general; Mexico]
- Bolaños, Tomás**  
[2004]. See Díazgranados, M. et al., [2004].
- Bolay, Eberhard**  
1997. *The Dominican Republic. A country between rain forest and desert. Contributions to the ecology of a Caribbean island.* Weikersheim, Margraf Verlag. 452 pp., figs. [general]
- Bolewicz, Linda**  
2006. See Wang, Y. et al., 2006.
- Bolfarini, Marcio Perez, Joyce Valério Cinachi, Karla Andressa Ruiz Lopes and Nádia Maria Rodrigues de Campos-Velho**  
2005. Parasitismo em *Ascia monuste orseis*: Relação parasito-hospedeiro e controle biológico da praga da couve (*Brassica*). *IX Encontro latino americano de Iniciação científica e V Encontro latino americano de Pós-Graduação*, pp. 164-166. [host plant; Brazil]
- Boligon, Danessa**  
2018. See Rossato, D. O. et al., 2018a.
- Bolingbroke, Henry**  
1986. See Celli, G. et al., 1986.  
1986. See Ricci, F. M., 1986.
- Bollino, Maurizio** [1956- ]  
1990. See Racheli, T. et al., 1990.  
1999a. See Vitale, F. & M. Bollino, 1999a.  
1999b. See Vitale, F. & M. Bollino, 1999b.  
2000a. See Vitale, F. & M. Bollino, 2000a.  
2000b. See Vitale, F. & M. Bollino, 2000b.  
2001a. See Vitale, F. & M. Bollino, 2001a.  
2001b. See Vitale, F. & M. Bollino, 2001b.  
2001c. See Vitale, F. & M. Bollino, 2001c.  
2003a. See Vitale, F. & M. Bollino, 2003a.  
2003b. See Vitale, F. & M. Bollino, 2003b.  
2004a. See Lamas, G. & M. Bollino, 2004.  
2004b. See Le Crom, J. F. et al., 2004.  
2008. Two new species of *Catasticta* Butler, 1870 from Peru (Lepidoptera: Pieridae). *Genus* 19(3): 355-360, 6 figs. (30 October) [*C. pillcopata*, *C. pyrczi*]  
2010. Taxonomical notes on *Leodonta tagaste* (Felder & Felder, 1859) (Lepidoptera: Pieridae). *Genus* 21(1): 89-100, 16 figs. (30 March) [new subspecies: *L. tagaste calderoni*, *L. t. peruana*, *L. t. extrema*; Colombia, Ecuador, Peru, Bolivia]  
2012. See Racheli, L. et al., 2012.
- Bollino, Maurizio, and Pierre Boyer**  
2008. Revisional notes on the "*cinerea*" group of *Catasticta* Butler, 1870 (Lepidoptera: Pieridae). *Genus* 19(3): 361-370, 9 figs. (30 October) [new subspecies: *C. coerulescens intimpa*; Venezuela, Colombia, Ecuador, Peru, Bolivia]
- Bollino, Maurizio, Pierre Boyer and Fabio Vitale**  
2003. More notes on some *Catasticta* females from Ecuador (South America). (Lepidoptera: Pieridae). *Lambillionea* 103(2)(1): 195-196, 4 figs. (June) [*C. discalba* Brown & Gabriel, *C. ctemene* (Hewitson)]
- Bollino, Maurizio, and Mauro Costa**  
2004. A new subspecies of *Parides phosphorus* (Bates, 1861) (Lepidoptera: Papilionidae) from south-eastern Venezuela. *Notes on Papilionidae* 2: 9-10, 4 figs. (15 March) [*P. p. laurae*]  
2007. An illustrated annotated check-list of the species of *Catasticta* (s.l.) Butler (Lepidoptera: Pieridae) of Venezuela. *Zootaxa* 1469: 1-42, 32 figs. (10 May) [new subspecies: *C. flisa viloriai*, *C. sisamnus ayanganna*, *C. prioneris parrishi*, *C. philoscia reyi*, *C. troezene miza*, *C. seitzii clarita*, *C. chrysolopha beatrizae*]  
2017. Una nueva subespecie de *Catasticta tricolor* Butler, 1897 de la Sierra de Perijá (frontera Venezuela-Colombia) y notas sobre la especie (Lepidoptera: Pieridae). *Tropical Lepidoptera Research* 27(2): 101-105, 3 figs. (19 December) [*C. t. perija*]
- Bollino, Maurizio, Harold Francis Greeney and Fabio Vitale**  
2002. On some hitherto unknown females of the genus *Catasticta* from Ecuador (South America). (Lepidoptera: Pieridae). *Lambillionea* 102(3)(1): 267-272, 17 figs. (September) [general]
- Bollino, Maurizio, and Giovanni Onore**  
2001. Mariposas del Ecuador. Vol. 10a. Familia: Papilionidae. *Publicación especial. Museo de Zoología. Pontificia Universidad católica del Ecuador* 4: i-ix, 1-179, 228 figs. (June) [general; distribution; host plants]
- Bollino, Maurizio, and Pablo Sebastián Padrón**  
2016. Description of a new subspecies of *Catasticta fulva* Joicey & Rosenberg, 1915, with notes on several other species in the genus (Lepidoptera: Pieridae). *Tropical Lepidoptera Research* 26(1): 1-5, 2 figs (June) [*C. f. anaranjada*; Ecuador, Peru]
- Bollino, Maurizio, and Gabriel Rodríguez**  
2003. Dos nuevas *Catasticta* de Antioquia (Colombia noroccidental, Suramérica) (Lepidoptera: Pieridae). *Lambillionea* 103(1)(2): 135-140, 6 figs., 2 maps (March) [*C. lanceolata alexandra*, *C. semiramis belmira*]
- Bollino, Maurizio, and Giovanni Sala**  
1994. *Papilio cacicus mendozaensis*: A new subspecies from northern Peru (Lepidoptera: Papilionidae). *Lambillionea* 94(1): 31-34, 6 figs. (March)  
1998a. Un nuovo ibrido di *Papilio (Pterourus)* del Perù settentrionale (Lepidoptera Papilionidae). *Lambillionea* 98(1)(1): 46-48, 1 fig. (March)  
1998b. Description of a new subspecies of *Papilio (Pterourus) zagreus* Doubleday, 1847 from south-eastern Peru with taxonomical notes on the species (Lepidoptera, Papilionidae). *Entomologia africana* 3(1): 19-27, pl. 3, 2 figs. (April) [*P. (P.) z. nigroapicalis*]
- Bollino, Maurizio, and Julián Adolfo Salazar**  
2001. Una nuova sottospecie colombiana del genere *Parides* (Lepidoptera: Papilionidae). *Lambillionea* 101(4)(2): 641-645, 4 figs. (December) [*P. anchises nilseni*; ecology; behavior]
- Bollino, Maurizio, and Fabio Vitale**  
1999a. Brief notes on some Papilionidae from Ecuador (South America). *Lambillionea* 99(2)(2): 255-256 (June) [general]  
1999b. Taxonomical notes on *Protesilaus earis* (Rothschild & Jordan, 1906) bona species and illustration of the female. *Lambillionea* 99(3)(1): 322-326, 3 figs. (September) [Ecuador]  
2000. On the early stages of *Parides phalaecus* (Hewitson, 1869) from southern Ecuador (Lepidoptera: Papilionidae). *Lambillionea* 100(1)(2): 120-122, 2 figs. (March) [larva,

- pupa; host plant]
- 2002a. News on some Pieridae from Ecuador (South America) (Lepidoptera). *Lambillionea* 102(1)(2): 82-84, 4 figs. (March) [*Catasticta*, *Tatochila homoeodice* Paravicini; new subspecies: *Catasticta amastris jimbura*; Peru]
- 2002b. Una nuova sottospecie di *Papilio polyxenes* Fabricius, 1775 del Perù (Sud America) (Lepidoptera: Papilionidae). *Lambillionea* 102(2): 152-154, 2 figs. (June) [*P. p. gerardi*]
2003. Le specie del genere *Catasticta* del dep. Amazonas (Perù settentrionale). (Lepidoptera, Pieridae). *Lambillionea* 103(2)(1): 231-239, 16 figs., 1 map (June) [new subspecies: *C. philone florida*, *C. modesta sachapuyo*]
- 2004a. Notes on *Catasticta thomasorum* Jasinski and *Catasticta rosea* Joicey & Rosenberg from Ecuador (South America), with description of a new subspecies of *Catasticta thomasorum* (Lepidoptera: Pieridae). *Lambillionea* 104(1)(1): 81-85, 5 figs. (March) [*C. t. inexpectata*]
- 2004b. Notes on *Catasticta pluvius* Tessimann, 1928 and *Catasticta potameoides* Reissinger, 1972, with the description of a new subspecies of the former (Lepidoptera: Pieridae). *Lambillionea* 104(2)(2): 213-215, 3 figs. (June) [*C. pluvius seminigra*; Peru]
- Bolonhezi, Antonio César**  
1984. See Boiça Junior, A. L. et al., 1984.
- Bonaccorso, Elisa**  
2014. See Fajardo, J. et al., 2014.
- Bonaldo, Alexandre Bragio**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Bonato, Vinícius**  
2000. See Vanini, F. et al., 2000.
- Bond, Calhoun**  
1988. See Brower, L. P. et al., 1988.
- Bond, Richard Marshall** [1903-1976]  
1970. See Miskimen, G. W. & R. M. Bond, 1970.
- Bond, Ruth, Peter Convey, Christopher Sharpe and Anna Varey**  
1989. Cambridge Columbus Zoological Expedition. Venezuela. 1988. *Cambridge Expeditions Journal* 24: 19-23, 1 fig., 1 map. [general]
- Bondar, Gregorio Gregorievich** [1881-1959]  
1912a. Combate as pragas de nossos pomares. *Chácaras e Quintaes* (São Paulo) 5(3): 7-10, figs. (15 March) [*Pyrrhopyge charybdis* Westwood; life history; Brazil]  
1912b. Uma praga do abacaxi. *Boletim do Ministerio da Agricultura, Industria e Commercio* (Rio de Janeiro) 1(4): 103-104, 1 pl. (September-October) [*Hypolycaena phillipus* (Fabricius); life history; Brazil]  
1913. *Insectos damninhos na Agricultura. Fasciculo II. Pragas das myrtaceas fructíferas do Brasil (goiabeira, jaboticabeira, araçá, etc.)*. São Paulo, Secretaria da Agricultura, Industria e Commercio. 39 pp., 31 figs. [also in *Boletim de Agricultura* (São Paulo) 14(7): 434-470, 31 figs. (July)] [*Pyrrhopyge* sp.; life history]  
1914. Pragas das laranjeiras e outras auranciáceas. *Boletim de Agricultura* (São Paulo) 15(11/12): 1064-1106, 30 figs. (November-December) [also published separately, São Paulo, Author. 48 pp., 30 figs.; 1915] [*Papilio idaeus* Fabricius; life history; Brazil]  
1915. *Bichos damninhos da fructicultura e arboricultura*. São Paulo, Editora Chácaras e Quintaes (Biblioteca Agricola Popular Brasileira, 22). 52 pp., figs. [*Caligo eurilochus* (Cramer), *Hypolycaena phillipus* (Fabricius); life histories; Brazil]  
1922. *Insectos nocivos e molestias do coqueiro (Cocos nucifera) no Brasil*. Bahia, Imprensa Official. 113 pp., 73 figs. [*Opsiphanes invirae* (Hübner); egg, larva, pupa, imago; behavior]
1924. Lepidopteros nocivos ao cacoeiro no Estado da Bahia. *Correio agricola* (Salvador) 2(9): 260-265, 5 figs. (September) [*Callicore meridionalis* Staudinger; Brazil]
1925. *O cacau. Parte II. Molestias e inimigos do cacoeiro no Estado da Bahia - Brasil*. Bahia, Imprensa Official do Estado. [4] + 126 pp., 74 figs. [*Callicore meridionalis* Staudinger]
- 1929a. Insectos damninhos e molestias da laranjeira no Brasil. *Boletim do Laboratorio de Pathologia vegetal* (Bahia) 7: 1-79, 40 figs. [*Papilio anchisiades* Esper, *P. thoas* Linnaeus; life history; Brazil]
- 1929b. *A laranjeira no Brasil (Cultura da laranjeira no Brasil)*. São Paulo, Editora Chácaras e Quintaes. ix + 138 pp., 63 figs., tabs. ([before 20 April]) [*Papilio idaeus* Fabricius; host plants]
- 1930a. Duas pragas do coqueiro. *Boletim do Laboratorio de Pathologia vegetal* (Bahia) 8: 48-49. [*Opsiphanes invirae* (Hübner); Brazil]
- 1930b. Insectos damninhos e molestias dos feijões na Bahia. *Boletim do Laboratorio de Pathologia vegetal* (Bahia) 9: 83 + iii pp., 30 figs. [also in *Boletim de Agricultura, Commercio e Industria* (Salvador) 1/3: 58-137, 30 figs. (January-March); also as *Feijões cultivados no Brasil e suas pragas*. Salvador, Imprensa Official do Estado. 83 + iii pp., 30 figs.] [*Eudamus proteus* (Linnaeus); life history; Brazil]
1939. Insetos daninhos e parasitas do cacau na Bahia. *Boletim Técnico. Instituto de Cacau da Bahia* 5: [v] + 112 pp., 57 figs. [*Callicore meridionalis* Staudinger; Brazil]
1940. Insetos nocivos e moléstias do coqueiro (*Cocos nucifera*) no Brasil. *Boletim. Instituto central de Fomento econômico da Bahia* (Salvador) 8: iii + 160 pp., 39 figs. [*Brassolis sophorae* (Linnaeus), *B. astyra* Godart, *Opsiphanes invirae* (Hübner); life histories]
- Bondil, François**  
2012. *Le genre Baeotus en Guyane. Description de la femelle de Baeotus deucalion (Felder & Felder, 1860) (Lepidoptera: Nymphalidae: Nymphalinae, Coeini)*, pp. 3-7, 1 pl., 5 figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 7. Nymphalidae*. Paris, Association des Lépidoptéristes de France (October) [morphology]
- Bondoni, Mariano**  
2003. See Dapoto, G. et al., 2003.
- Bone, Paul**  
2013. *Mariposas en Aluxes. Un estudio de las mariposas encontradas en Aluxes Ecomarque Palenque, México. Butterflies of Aluxes. A study of butterflies found in Aluxes Ecomarque Palenque, Mexico*. Mexico. 68 pp., figs. [general]
- Bonebrake, Timothy C.**  
2018. See Dufour, P. C. et al., 2018.
- Bonebrake, Timothy C., Carol L. Boggs, Jeannie A. Stamberger, Curtis A. Deutsch and Paul Ralph Ehrlich**  
2014. From global change to a butterfly flapping: biophysics and behaviour affect tropical climate change impacts. *Proceedings of the royal Society of London (B)* 281(1793)(20141264): 1-8, 4 figs. (22 October; published online 27 August) [*Chlosyne lacinia* (Geyer); El Salvador, Costa Rica]
- Bonebrake, Timothy C., Lauren C. Ponisio, Carol L. Boggs and Paul Ralph Ehrlich**  
2010. More than just indicators: A review of tropical butterfly ecology and conservation. *Biological Conservation* 143(8): 1831-1841, 1 tab. (August; published online 14 May) [general; Neotropics]
- Bonebrake, Timothy C., and Rubén Ernesto López-Sorto**  
2008. Evaluación rápida de mariposas (Papilionoidea y

- Hesperioidea) en un paisaje costero de El Salvador. *Mesoamericana* 12(3): 90 (November) [general]
2009. Butterfly (Papilionoidea and Hesperioidea) rapid assessment of a coastal countryside in El Salvador. *Tropical Conservation Science* 2(1): 34-51, 5 figs., 1 tab. (1 March) [general]
- Bonebrake, Timothy C., Ward B. Watt, Alejandro Pérez and Carol L. Boggs**
2011. One variable species or multiple cryptic? Mitochondrial phylogeny of Central and North American *Chlosyne lacinia* (Lepidoptera: Nymphalidae). *European Journal of Entomology* 108(4): 529-535, 3 figs., 3 tabs. (3 October) [Mexico, El Salvador]
- Bonelli, Simona**
2018. See Balletto, E. et al., 2018.
- Bonet, Federico** [1906-1979]
1942. Una emigración en masa de mariposas. *Revista de la Sociedad mexicana de Historia natural* 3(14): 109-111 (December) [*Phoebis argante* (Fabricius); Mexico]
- Bonfanti-Almeida, João Carlos, José Chaud-Netto and Nivar Gobbi**
1993. Effective parasitism by *Cotesia glomerata* (L. 1758) (Hymenoptera: Braconidae) on larvae of *Ascia monuste orseis* (Godart, 1818 [sic]) (Lepidoptera: Pieridae) and relative viability of the parasitoid wasp in field conditions. *Revista brasileira de Biologia* 53(1): 43-45, 2 tabs. (19 July) [host plant; Brazil]
- Bonfanti, Dayana**
- 2017a. See Leite, L. A. R. et al., 2017.
- 2017b. See Ortiz, E. et al., 2017.
2018. See Montejo-Kovacevich, G. et al., 2018.
- Bonfanti, Dayana, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
2013. Male genitalia of Neotropical Charaxinae: A comparative analysis of character variation. *Journal of Insect Science* 13(35): 1-54, 33 figs., 1 tab. (published online 18 April) [general; morphology]
- 2015a. Exoskeleton morphology of three species of Preponini, with discussion of morphological similarities among Neotropical Charaxinae (Lepidoptera: Nymphalidae)-I. Head, cephalic appendages, and cervix. *Zoological Science* 32(3): 278-283, 9 figs., 1 tab. (June) [general]
- 2015b. Exoskeleton morphology of three species of Preponini, with discussion of morphological similarities among Neotropical Charaxinae (Lepidoptera: Nymphalidae)-II. Thorax and thoracic appendages. *Zoological Science* 32(3): 284-290, 8 figs., 1 tab. (June) [general]
- 2015c. Exoskeleton morphology of three species of Preponini, with discussion of morphological similarities among Neotropical Charaxinae (Lepidoptera: Nymphalidae)-III. Abdomen and genitalia. *Zoological Science* 32(3): 291-295, 5 figs., 1 tab. (June) [general]
- Bonfanti, Dayana, Rocco Alfredo Di Mare and Ricardo Giovenardi**
2009. Butterflies (Lepidoptera: Papilionoidea and Hesperioidea) from two forest fragments in northern Rio Grande do Sul, Brazil. *Check List* 5(4): 819-829, 5 figs., 3 tabs. (December; published online November) [general]
- Bonfanti, Dayana, Luis Anderson Ribeiro Leite, Marina Moraes Carlos, Mirna Martins Casagrande, Érica Costa Mielke and Olaf Hermann Hendrik Mielke**
2011. Riqueza de borboletas em dois parques urbanos de Curitiba, Paraná, Brasil. *Biota neotropica* 11(2): 247-253, 2 figs., 2 tabs. (June; published online 18 April) [general]
- Bonifacio, Alejandro**
2013. See Saravia, R. et al., 2013.
- Bonilla, Alvin J.**
2012. See Barve, N. et al., 2012.
- Bonnaterre, Pierre Joseph** [1747-1804]
- 1790-97. *Insectes*, pls. 1-268. In: *Tableau encyclopédique et méthodique des trois règnes de la nature*. In: *Encyclopédie méthodique*. Paris, Henri Agasse. [1: pls. 1-32, [8 February] 1790; 8: pls. 33-65, [21 November] 1791; 12: pls. 66-165, [1 October] 1792; 18: pls. 166-268, [9 February] 1797] [general]
- Bononi, Vera Lucia Ramos**
2008. See Rodrigues, R. R. & V. L. R. Bononi, 2008.
- Bonora, Danièle**
1991. See Luquet, G. C. et al., 1991.
- Bonzon, Albert**
1888. Description of a larva of *Papilio gundlachianus* two days previous to its transformation into a chrysalis. *Transactions of the American Entomological Society* 15(37): 293-294 (December) [Cuba]
- Boodram, Sharon**
2002. See Starr, C. K. et al., 2002.
- Boom, Carlos José**
2015. See Vargas, M. A. et al., 2015.
- Boom, Carlos José, Leidys Isabel Seña, María Angélica Vargas and Neis José Martínez**
2013. Mariposas Hesperioidea y Papilionoidea (Insecta: Lepidoptera) en un fragmento de bosque seco tropical, Atlántico, Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(1): 149-167, 4 figs., 2 tabs. (June) [general]
- Boomsma, Tineke**
1993. See Meerman, J. C. & T. Boomsma, 1993.
1997. See Meerman, J. C. & T. Boomsma, 1997.
- Boore, Jeffrey L.**
2011. See Zhan, S. et al., 2011.
- Boos, Julius Oscar** [1946-2010]
1979. A new butterfly record for Trinidad, West Indies - *Selenophanes c. cassiope* (Cram.) (Lepidoptera: Brassolidae). *The Aurelian* 1(3): 1 (30 November)
1982. See Urich, F. C. & J. O. Boos, 1982.
- 1986a. Notes on the life history of *Catoblepia berecynthia berecynthia* (Cramer) (Lepidoptera: Brassolidae). *Living World* 1985-1986: 31-32, 3 figs. (July) [larva, pupa, imago; host plant; Trinidad]
- 1986b. The family Aristolochiaceae in Trinidad, with reference to its medicinal uses, its folklore, and its use as a larval foodplant by Papilionidae. *Living World* 1985-1986: 48-51, 4 figs. (July) [general; Trinidad, Tobago]
2010. Some butterflies and other arthropods from Trinidad in a Florida museum. *Living World* 2010: 86-87 (June) [general]
- Boot, J. P. C.**
1978. *Caligo memnon* (Fldr.) aangetroffen in vrachtship te Rotterdam (Lepidoptera, Brassolidae). *Entomologische Berichten* 38(10): 150 (1 October) [accidental introduction into Holland]
- Boot, René G. A.**
2019. See Jezeer, R. E. et al., 2019.
- Booth, Andrew**
1989. Some notes on the rearing of the owl butterfly (*Caligo beltrao*). *Bulletin of the Amateur Entomologists' Society* 48(366): 179-184, 2 figs., 1 tab. (October) [life history]
- Boppré, Michael Hans** [1950- ]
1977. Pheromonbiologie am Beispiel der Monarchfalter (Danaiidae). *Biologie in Unserer Zeit* 7(6): 161-169, 13 figs. (December) [Ithomiinae]

1978. Chemical communication, plant relationships, and mimicry in the evolution of danaid butterflies. *Entomologia experimentalis et applicata* 24(3): 264-277, 1 fig. (December) [general]
1979. Lepidoptera and withered plants. *Antenna* 3(1): 7-9, 3 figs. (January) [*Danaus plexippus* (Linnaeus); ecology; physiology; mimicry]
- 1984a. Redefining "Pharmacophagy". *Journal of chemical Ecology* 10(7): 1151-1154, 1 fig. (July) [Ithomiinae]
- 1984b. *Chemically mediated interactions between butterflies*, pp. 259-275, 5 figs., 1 tab. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
1986. Insects pharmacophagously utilizing defensive plant chemicals (pyrrolizidine alkaloids). *Naturwissenschaften* 73(1): 17-26, 7 figs. (January) [Ithomiinae]
1990. Lepidoptera and pyrrolizidine alkaloids. Exemplification of complexity in chemical ecology. *Journal of chemical Ecology* 16(1): 165-185, 2 figs., 4 tabs. (January) [Danainae, Ithomiinae]
- 1993a. The American Monarch: Courtship and chemical communication of a peculiar danaine butterfly. *Science Series. Natural History Museum of Los Angeles County* 38: 29-41, 7 figs., 2 tabs. (18 February) [*Danaus plexippus* (Linnaeus)]
- 1993b. See Vane-Wright, R. I. & M. H. Boppré, 1993.
1994. Sex, drugs, and butterflies. *Natural History* (New York) 103(1): 26-33, figs. (January) [general; Danainae]
1995. Pharmakophagie: Drogen, Sex und Schmetterlinge. *Biologie in unserer Zeit* 25(1): 8-17, 17 figs. [general; host plants]
2004. See Schulz, S. et al., 2004.
2005. See Vane-Wright, R. I. & M. H. Boppré, 2005.
2007. See Brower, L. P. et al., 2007.
2008. See Schulz, S. et al., 2008.
2010. See Brower, A. V. Z. et al., 2010.
2012. See Mebs, D. et al., 2012.
2013. See Petschenka, G. et al., 2013.
2018. See Dolle, P. et al., 2018.
- Boppré, Michael Hans, and Dietrich Schneider**
1982. *Insects and pyrrolizidine alkaloids*, pp. 373-374. In: Visser, J. H. & A. K. Minks (Eds.), *Proceedings of the 5th International Symposium on Insect-Plant Relationships*. Wageningen, Pudoc. [Ithomiinae]
- Boppré, Michael Hans, and Richard Irwin Vane-Wright**
1989. Androconial systems in Danainae (Lepidoptera): functional morphology of *Amauris*, *Danaus*, *Tirumala* and *Euploea*. *Zoological Journal of the Linnean Society* 97(2): 101-133, 16 figs., 1 tab. ([16] October) [general]
2012. The Butterfly House Industry: Conservation risks and education opportunities. *Conservation and Society* 10(3): 285-303, 3 figs., 1 tab., 1 map (September) [also in *American Butterflies* 22(1): 24-43, figs.; 2014] [general; Neotropics]
2019. *Welfare dilemmas created by keeping insects in captivity*, pp. 23-67, 1 tab. In: Carere, C. & J. Mather (Eds.), *The welfare of invertebrate animals*. Cham, Springer (15 July) [general]
- Boradonenko, Anatoli**
2006. See Salas, M. D. & A. Boradonenko, 2006.
- Borba, Eduardo Leite**
2006. See Colaço, M. Â. da S. et al., 2006.
2007. See Souza, E. B. de et al., 2007.
- Borchers, Tanja E.**
2014. See Gemell, A. P. et al., 2014.
- Borchers, Tanja E., and Jeffrey M. Marcus**
2014. Genetic population structure of buckeye butterflies (*Junonia*) from Argentina. *Systematic Entomology* 39(2): 242-255, 4 figs., 6 tabs. (April; published online 19 December 2013) [general; Neotropics]
- Bordelon, Charles William, Jr. [1958-2016]**
- 2003a. See Hanson, D. J. et al., 2003.
- 2003b. See Warren, A. D. et al., 2003.
- 2004a. See Warren, A. D. et al., 2004.
- 2004b. See Knudson, E. C. et al., 2004.
- 2005a. See Basham, B. et al., 2005.
- 2005b. See Dauphin, J. et al., 2005.
- Bordelon, Charles William, Jr., and Edward C. Knudson**
2000. New records of Lepidoptera for Texas and the USA, and illustrations of other interesting species. *News of the Lepidopterists' Society* 42(1): 3-7, 19, 2 pls. (15 March) [general; host plants; Mexico]
2002. The mimic: *Hypolimnas misippus* (L.) in Texas. *News of the Lepidopterists' Society* 44(1): 25, 30, 32, 2 figs. (15 April) [general]
2003. *Anastrus sempiternus* Butler & Druce, a new record for Texas and the USA. *News of the Lepidopterists' Society* 45(1): 5, 7, 2 figs. (15 April) [Mexico, Hispaniola; host plants]
2006. Three new USA butterfly records (Pieridae, Nymphalidae) from the Lower Rio Grande Valley of Texas. *News of the Lepidopterists' Society* 48(1): 3-6, 21 figs. (13 March) [*Pieriballia viardi* (Boisduval), *Dynamine postverta mexicana* (d'Almeida), *Pteronymia cotytto* (Guérin-Ménéville); Mexico]
2007. "Year of the *Chlosyne*" in Texas. *News of the Lepidopterists' Society* 49(1): 3-7, 24 figs. (29 March) [general; Mexico]
2009. The genus *Hamadryas* (Nymphalidae: Biblidinae: Ageroniini) in Texas, with a report of a new record for Texas and the USA. *News of the Lepidopterists' Society* 51(1): 5-9, 16 figs. (3 March) [general; Mexico]
2011. *Ebrietas* Godman & Salvin 1896: A new hesperiid genus (Pyrginae: Erynnini) for the USA from south Texas. *News of the Lepidopterists' Society* 53(1): 25, 1 fig. (7 June) [Mexico]
- Bordin, Sandra Mara Sabedot, Marcelo Monteiro, Valéria Wesner Ferreira, Junir Antonio Lutinski and Everton Nei Lopes Rodrigues**
2019. Frugivorous butterflies from the Atlantic Forest in Southern Brazil (Lepidoptera: Nymphalidae). *Biota neotropica* 19(4)(e20180722): 1-14, 4 figs., 5 tabs. (published online 12 September) [general]
- Borek, Dominika**
- 2015a. See Cong, Q. et al., 2015a.
- 2015b. See Cong, Q. et al., 2015b.
- 2016a. See Cong, Q. et al., 2016a.
- 2016b. See Cong, Q. et al., 2016b.
- 2017a. See Cong, Q. et al., 2017a.
- 2017b. See Cong, Q. et al., 2017b.
- 2017c. See Shen, J. et al., 2017.
- Boren, Sarah**
1997. See Lovejoy, T. E. et al., 1997.
- Borges, Eliane de Oliveira, Marcelo Eduardo Borges and Paulo Henrique Gorgatti Zarbin**
2014. Defensive behavior associated with secretions from the prosternal paired glands of the larvae of *Heliconius erato phyllis* Fabricius (Lepidoptera, Nymphalidae). *Revista brasileira de Entomologia* 58(2): 161-167, 3 figs. (30 June) [host plant; Brazil]
- Borges, Eliane de Oliveira, Maria Cristina Faccioni-Heuser and Gilson Rudinei Pires Moreira**
2010. Morphology of the prosternal glands of *Heliconius erato* (Lepidoptera: Nymphalidae). *Psyche* (Cambridge) 2010(892960): 1-8, 5 figs. (after 22 June) [host plant;

- Brazil]
- Borges, Eliane de Oliveira, Camila Borges da Cruz Martins, Rodolfo R. da Silva and Paulo Henrique Gorgatti Zarbin**  
2018. Terpenoids dominate the bouquet of volatile organic compounds produced by *Passiflora edulis* in response to herbivory by *Heliconius erato phyllis* (Lepidoptera: Nymphalidae). *Arthropod-Plant Interactions* 12(1): 123-131, 4 figs., 1 tab. (February; published online 4 September 2017) [host plant; Brazil]
- Borges, Laís Angélica, Isabel Cristina Sobreira Machado and Ariadna Valentina Lopes**  
2017. Bee pollination and evidence of substitutive nectary in *Anadenanthera colubrina* (Leguminosae-Mimosoidea). *Arthropod-Plant Interactions* 11(3): 263-271, 3 figs., 1 tab. (June; published online 9 April) [*Hemiargus hanno* (Stoll); Brazil]
- Borges, Laís Angélica, Mellissa Sousa Sobrinho and Ariadna Valentina Lopes**  
2009. Phenology, pollination, and breeding system of the threatened tree *Caesalpinia echinata* Lam. (Fabaceae), and a review of studies on the reproductive biology in the genus. *Flora* (Jena) 204(2): 111-130, 2 figs., 4 tabs. [general; Neotropics]
- Borges, Larissa Rolim**  
2011. See Specht, M. J. da S. et al., 2011.
- Borges, Marcelo Eduardo**  
2014. See Borges, E. de O. et al., 2014.
- Borges, Simone Silva**  
2013. See Millán, C. et al., 2013.
- Borja, Hugo**  
1927. El archipiélago de Colón. La fauna de las islas. *Anales de la Universidad central* (Quito) 39(261): 125-146 (July-September) [*Agraulis vanillae* (Linnaeus), *Callidryas eubule* (Linnaeus), *Eudamus galapagensis* Williams, *Cupido parrhasioides* Wallengren; Galapagos]
- Borkent, Art**  
2011. See Gil-Santana, H. R. et al., 2011.
- Borkhausen, Moritz Balthasar** [1760-1806]  
1797. See Fabricius, J. C., 1797.
- Borkin, Susan Sullivan**  
1986. See Young, A. M. & S. S. Borkin, 1986.  
1993. The Lepidoptera collection. *Lore* (Milwaukee) 43(2): 2-5, figs. (June) [general]  
2001. Four wings and a prayer: Caught in the mystery of the Monarch Butterfly, by Sue Halpern. 2001. *News of the Lepidopterists' Society* 43(4): 106-107, 1 fig. (1 December) [*Danaus plexippus* (Linnaeus); Mexico; book review]
- Born, Flávia de Souza, and Iracilda Maria de Moura Lima**  
2005. Desenvolvimento pós-embrionário de *Anteos menippe* (Hübner) (Lepidoptera, Pieridae) em *Cassia ferruginosa* Shrad. (Caesalpinaceae), em laboratório. *Revista brasileira de Entomologia* 49(4): 522-526, 7 figs., 3 tabs. (31 December) [larva, pupa; host plant; Brazil]
- Borrego, Osmani**  
2009. See Bacallado, J. J. et al., 2009.
- Borrell, Brendan J., and Harald Wolfgang Krenn**  
2006. *Nectar-feeding in long-proboscid insects*, pp. 185-212, 8 figs., 6 tabs. In: Herrel, A., T. Speck & N. P. Rowe (Eds.), *Ecology and biomechanics: A mechanical approach to the ecology of animals and plants*. Boca Raton, CRC Press. (13 January) [general]
- Borrero, Fabiola**  
1989. See Posada, L. et al., 1989.  
1991. See Posada, L. et al., 1991.
1992. See Zenner, I. & F. Borrero, 1992.
- Borthagaray, Ana Inés, Álvaro Soutullo, Alvar Carranza and Matias Arim**  
2018. A modularity-based approach for identifying biodiversity management units. *Revista chilena de Historia natural* 91(2): 1-10, 5 figs. (26 February) [general; Uruguay]
- Bortoli, Sérgio Antônio de, and Antônio Carlos Busoli**  
1987. *Pragas*, pp. 111-123. In: Ruggiero, C. (Ed.), *Maracujá. Cultura do maracujazeiro*. Ribeirão Preto, UNESP. [*Dione juno juno* (Cramer), *Agraulis vanillae* (Linnaeus); host plants; Brazil]
- Bortoli, Sérgio Antônio de, David Arioaldo Banzat[t]o and A. C. Forner**  
1983. Aspectos biológicos comparados de *Ascia monuste orseis* (Latreille, 1819) (Lepidoptera-Pieridae) em três cultivares de couve (*Brassica oleracea* v. *acephala*). *Anais da Sociedade entomológica do Brasil* 12(2): 283-294, 1 fig., 16 tabs. [Brazil]
- Bortoli, Sérgio Antônio de, Octávio Nakano and Dilermando Percin**  
1983. Efeitos de níveis e épocas de desfolhas e dobras artificiais de folíolos sobre a produtividade do feijoeiro (*Phaseolus vulgaris* L.) em cultura da seca. *Anais da Sociedade entomológica do Brasil* 12(1): 73-83, 3 figs., 8 tabs. [*Urbanus proteus* (Linnaeus); Brazil]
- Bosi, Stephen G., Jacqueline Hayes, Maryanne C. J. Large and Leon Poladian**  
2008. Color, iridescence, and thermoregulation in Lepidoptera. *Applied Optics* 47(29): 5235-5241, 5 figs. (10 October; published online 1 October) [general]
- Bossart, Janice L., and John Mark Scriber**  
1995. *Genetic variation in oviposition preference in tiger swallowtail butterflies: Interspecific, interpopulation and interindividual comparisons*, pp. 183-193, 5 figs., 4 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general; Mexico]
- Botelho, A. M. F.**  
1999. See Diniz, I. R. et al., 1999.
- Botelho, Ana Carolina Baker, José Ricardo Cure and Evaldo Ferreira Vilela**  
1994. Abundância e riqueza em espécies de insetos (herbívoros, predadores e parasitóides) em agroecossistema hortícola com manejo orgânico. *Anais da Sociedade entomológica do Brasil* 23(1): 87-98, 5 figs., 1 tab. (April) [*Ascia monuste* (Linnaeus); host plant; Brazil]
- Botelho-Júnior, Sylvio**  
2010. See Jardim, B. de C. et al., 2010.
- Bottai, Cecile**  
2016. See Cachet, X. et al., 2016.
- Botto, Eduardo Norberto**  
1981. See Crouzel, I. S. de et al., 1981.
- Botto, Eduardo Norberto, and Irma Santoro de Cruzel**  
1981. Contribución al conocimiento de las causas de mortalidad de la "isoca de la alfalfa" *Colias lesbia* (F.) en Castelar, Buenos Aires. *Revista de la Sociedad entomológica argentina* 40(1/4): 201-210, 1 fig., 3 tabs. (30 December) [Argentina]
- Botto, Eduardo Norberto, Gonzalo Segade, Cecilia María Horny, María Begoña Riquelme, Andrea Alejandra Tezze, Beatriz Paula Klasmer and José María Villacide**  
2002. An outlook on the use of *Trichogramma* spp. in Argentina. *Egg Parasitoid News* 14: 35 (December) [*Colias lesbia* (Fabricius); host plants; parasitoid]
- Botto-Mahan, Carezza**

2003. See Medel, R. et al., 2003.
- Boucard, Adolphe** [1839-1905]  
1894. *Travels of a naturalist. A record of adventures, discoveries, history and customs of Americans and Indians, habits and descriptions of animals, chiefly made in North America, California, Mexico, Central America, Columbia, Chili, etc; during the last forty-two years.* London, Pardy & Sons. viii + 204 pp. [general; Nicaragua]
- Boucaud-Maitre, Denis**  
2016. See Cachet, X. et al., 2016.
- Boucias, Drion G.**  
2003. See Hay-Roe, M. M. et al., 2003.
- Boudinot, Jacques**  
1986. See Díaz-Batres, M. E. E. & J. Boudinot, 1986.
- Boulard, Michel** [1935- ]  
1981. Nouveaux documents sur les chenilles de lycènes tropicaux (Lep. Lycaenidae). *Alexanor* 12(3): 135-140, 6 figs. (16 November) [Amazonia]
- Boulenguez, Julie**  
2006. See Berthier, S. et al., 2006.  
2007. See Berthier, S. et al., 2007.  
2009. See Bálint, Z. et al., 2009.  
2013. See Mejdoubi, A. et al., 2013.
- Boullet, Eugène (Anatole Auguste Victor)** [1847-1923]  
1908. See Mabille, P. & E. Boullet, 1908.  
1910. Description de deux lépidoptères nouveaux (Hesperiidae). *Bulletin de la Société entomologique de France* 1910(1): 59-60 (23 February) [*Pyrrhopyge fassli*, *Tarsoctenus rufibasis*; Peru, Bolivia, Colombia, French Guiana]  
1912a. Description d'un nouvel hespérie (Lep.). *Bulletin de la Société entomologique de France* 1912(3): 92 (28 February) [*Yanguna leander*; Colombia]  
1912b. La collection de lépidoptères du Muséum National d'Histoire Naturelle de Paris. *Bulletin du Muséum national d'Histoire naturelle* (Paris) 18(2): 56-59. [general]  
1912c. See Mabille, P. & E. Boullet, 1912.  
1913. Description d'une forme femelle de *Baronia brevicornis* Godm. et Salv. (Lep. Papilionidae). *Bulletin de la Société entomologique de France* 1913(3): 99-101, 2 figs. (26 February) [*B. b.* form *puella*; Mexico]  
1916. See Mabille, P. & E. Boullet, 1916.  
1917a. See Mabille, P. & E. Boullet, 1917a.  
1917b. See Mabille, P. & E. Boullet, 1917b.  
1917c. See Mabille, P. & E. Boullet, 1917c.  
1917d. See Mabille, P. & E. Boullet, 1917d.  
1919. See Mabille, P. & E. Boullet, 1919.
- Boullet, Eugène, and Ferdinand Louis Le Cerf**  
1909. Descriptions de formes nouvelles d'héliconides (Lépidoptères Rhopalocères) de la collection du Muséum. *Bulletin du Muséum national d'Histoire naturelle* (Paris) 15(7): 459-463. [*Heliconius numatus isabellinus* form *intermedia*, *H. n. i.* aberration *fusca*, *H. sylvana sylvana* form *sticheli*, *H. ethilla metalilis* form *depuncta*, *H. anderida fornarina* form *bouvieri*, *H. burneyi* form *oberthuri*, *H. b.* variety *jeanneae*, *H. b. j.* form *reducta*, *H. doris delila* form *albina*; French Guiana, Trinidad, Guatemala, Ecuador, Bolivia]  
1910. Descriptions de formes nouvelles d'héliconides (Lépidoptères Rhopalocères). *Bulletin du Muséum national d'Histoire naturelle* (Paris) 16(1): 24-26, pl. 3. [*Heliconius doris* variety *lemoulti*, *Eueides cleobaea* variety *monochroma*, *E. isabella isabella* form *perimacula*, *E. heliconioides* variety *pseudeanes*; French Guiana, Hispaniola, Colombia, Venezuela]  
1912. *Catalogue de la collection de lépidoptères du Muséum national d'Histoire naturelle de Paris. I. Famille Papilionidae.* Paris, Imprimerie Nationale. iv + 47 pp. [general; new taxa: *Papilio arcas* variety *mabillei*, *P. crassus crassus* form *ambigua*, *P. thoas impunctata*, *P. androgeus laodocus* form *limbatus*, *P. torquatus torquatus* variety *dubia*, *P. scamander* variety *lombardi*, *P. cacicus orientalis*, *P. euryleon* variety *insidiosa*, *P. serville serville* aberration *xanthocellis*]
- Bounoure, Louis** [1885- ]  
1957. A propos de quelques papillons gynandromorphes du Musée Zoologique de Strasbourg: La nature et l'origine du gynandromorphisme. *Bulletin de l'Association philomathique d'Alsacie et Lorraine* 10(2): 31-37, 4 figs. (October) [*Daptonoura regnidas* (Fruhstorfer); Peru, Ecuador]
- Bourges, Héctor**  
1979. See Ramos, J. & H. Bourges, 1979.  
1984. See Ramos, J. et al., 1984.
- Bourgogne, Jean** [1903-1999]  
1951a. Les lépidoptères. *La Nature* (Paris) 3194: 175-181, 4 pls., 13 figs. (June) [general]  
1951b. *Ordre des Lépidoptères. Lepidoptera Linné, 1758; Glossata Fabricius, 1775*, pp. 174-448, pls. 1-3, figs. 192-437. In: Grassé, P.-P. (Ed.), *Traité de Zoologie. Anatomie, Systématique, Biologie.* Paris, Masson et Compagnie Editeurs. 10(1): [x] + 978 pp., 5 pls., 905 figs. [general]  
1953. Une exposition d'insectes au Muséum. *Atomes* (Paris) 88: 247-248 (July) [*Morpho*; South America]  
1962. Entomologie et philatélie. Remarques sur quelques erreurs. *Alexanor* 2(5): 155-160, figs. (14 April) [general; Ecuador, Cuba, Belize, Chile]  
1967. Une grande vente aux enchères. La collection Rousseau-Decelle. *Alexanor* 4(8): 354-355 (January) [also in *Bulletin de la Société entomologique de France* 71(7/8): 239-240 (18 January)] [*Morpho* spp.]  
1970. Lépidoptères hématophages s'attaquant à l'homme. *Alexanor* 6(6): 241-247, 4 figs. (6 June) [*Catagramma peristera* Hewitson; morphology; Peru]
- Bourgoin, Thierry**  
2010. See Cassildé, C. et al., 2010.
- Bourlière, François** [1913-1993]  
1983. *Animal species diversity in tropical forests*, pp. 77-91, 6 figs. In: Golley, F. B. (Ed.), *Ecosystems of the World 14A. Tropical rain forest ecosystems. Structure and function.* Amsterdam, Elsevier Scientific Publishing Company. [general]
- Bourquin, Fernando**  
1938. Notas sobre metamorfosis de: *Opsiphanes guiteria* [sic] *philon* Fruhst. (Lep. Het. [sic] Brassolidae). *Revista argentina de Entomología* 1(3): 75-76, 1 pl. (31 December) [larva, pupa; Argentina]  
1939. Metamorfosis de *Pholisora (Staphylus) similis* (Lep. Hesperidae [sic]). *Physis* (Buenos Aires) 17(49): 415-418, 5 figs. (31 May) [larva, pupa; Argentina]  
1940. Observaciones sobre *Morpho* s. sp. *argentinus* Fruhst. *Helvetia* (Buenos Aires) 5(58): 14-16, 5 figs. (September) [reprinted in Bourquin, 1942, q.v.] [life history; Argentina]  
1942. *Charlas y observaciones entomológicas.* Buenos Aires, Imprenta Ferrari Hermanos. 42 pp., 21 pls. [*Morpho catenarius argentinus* Fruhstorfer; host plants; egg, larva, pupa, imago; behavior; ecology; Argentina]  
1943. Notas biológicas sobre *Thecla pategon*, Crm. (Fam. Lycaenidae). *Revista de la Sociedad entomológica argentina* 12(2): 152 (31 December) [host plants; Argentina]  
1944. *Mariposas argentinas. Vida, desarrollo, costumbres y hechos curiosos de algunos lepidópteros argentinos.* Buenos Aires, "El Ateneo". [10] + 212 pp., 192 figs., 2 maps (14 November) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology]  
1945. Observaciones sobre la metamorfosis de *Dircenna dero* Hbn. (Danaidae). *Revista de la Sociedad entomológica*

- argentina* 12(4): 343 (28 February) [Argentina]
1948. Metamorfosis de *Morpho catenarius argentinus* Fruhstorfer 1907 (Lep. Morphidae). *Acta zoologica Lilloana* 5: 117-129, 1 pl., 3 figs. (28 October) [egg, larva, pupa, imago; Argentina]
1949. Notas sobre la metamorfosis de *Heliconius phyllis* F. 1775. Lep. Fam. "Heliconiidae". *Acta zoologica Lilloana* 7: 395-399, 1 pl., 2 figs. (31 December) [egg, larva, pupa; Argentina]
- 1953a. Algunos datos sobre protección de la fauna argentina. *Anales del Museo Nahuel Huapi* (Buenos Aires) 3: 15-20, 4 pls. (November) [*Morpho catenarius argentinus* Fruhstorfer; host plant; life history]
- 1953b. Notas sobre la metamorfosis de *Hamearis susanae* Orfila, 1953 con oruga mirmecófila (Lep. Riodin.). *Revista de la Sociedad entomológica argentina* 16(3): 83-87, pl. 4, 2 figs. (15 December) [host plant; egg, larva, pupa; Argentina]
- Boursin, Charles** [1901-1971]  
1964. See Beier, M. W. P. et al., 1964.
- Bouton, David W.** [1936-2015]  
1962. Butterflies at lights. *Journal of the Lepidopterists' Society* 16(2): 128 (5 December) [*Hamadryas februa* (Hübner); Mexico]  
1980. See Mori, J. R. et al., 1980.
- Bouvier, Eugène Louis** [1856-1944]  
1905. A propos des papillons diurnes exposés au Muséum par M. Bouillet, de Corbie. *La Nature* (Paris) 33(1)(1652): 118-122, 2 figs. (21 January) [general; Neotropics]
- Bowden, John**  
1973. See Johnson, C. G. & J. Bowden, 1973.
- Bowden, John, and Cecil George Johnson**  
1976. *Migrating and other terrestrial insects at sea*, pp. 97-117, 5 figs., 3 tabs. In: Cheng, L. (Ed.), *Marine insects*. Amsterdam, North-Holland Publishing Company. [*Danaus plexippus* (Linnaeus), *Vanessa cardui* (Linnaeus), *V. virginiensis* f. *braziliensis* (Moore)]
- Bowerbank, James Scott** [1797-1877]  
1838. On the structure of the scales on the wings of lepidopterous insects. *Entomological Magazine* (London) 5(3): 300-304 (April) [*Morpho menelaus* (Linnaeus)]
- Bowers, M. Deane**  
1988a. *Plant allelochemistry and mimicry*, pp. 273-311, 4 figs., 1 tab. In: Barbosa, P. & D. K. Letourneau (Eds.), *Novel aspects of insect-plant interactions*. New York, John Wiley & Sons. [general; host plants]  
1988b. *Chemistry and coevolution: Iridoid glycosides, plants, and herbivorous insects*, pp. 133-165, 4 figs., 6 tabs. In: Spencer, K. C. (Ed.), *Chemical mediation of coevolution*. San Diego, Academic Press, Inc. [general; host plants]  
1992. *The evolution of unpalatability and the cost of chemical defense in insects*, pp. 216-244, 1 fig., 3 tabs. In: Roitberg, B. D., & M. B. Isman (Eds.), *Insect Chemical Ecology. An evolutionary approach*. New York, Chapman & Hall. [general]  
1993. *Aposematic caterpillars: Life-styles of the warningly colored and unpalatable*, pp. 331-371, 1 fig., 5 tabs. In: Stamp, N. E. & T. M. Casey (Eds.), *Caterpillars. Ecological and evolutionary constraints on foraging*. New York, Chapman & Hall. [general]  
1996. Biology and conservation of the Monarch Butterfly, by Stephen B. Malcolm and Myron P. Zalucki (editors). 1993. *Journal of the Lepidopterists' Society* 50(2): 166-168 (5 August) [book review]
- Bowers, M. Deane, Rose C. Crabtree, Susan P. Harrison, Claudia Sobrevila, Michael Wells and Lorne M. Wolfe**  
1987. Predation on adults of *Anartia fatima* (Fab.). *Journal of the Lepidopterists' Society* 41(1): 75-76 (16 April) [Costa Rica]
- Box, Harold Edmund** [1898-1973]  
1927. Apuntes preliminares respecto al descubrimiento de algunos parásitos de los huevos de *Diatraea saccharalis* en Tucumán. *Revista industrial y agrícola de Tucumán* 18(1/2): 5-8, 2 figs. (June-July) [*Calpodus ethlius* (Cramer); host plant; parasitoid; Argentina]  
1928. Note upon the larva and pupa of *Bungalotis astylos*, Cram. (Lepidoptera, Hesperidae). *Proceedings of the entomological Society of London* (A) 2(3): 83-84 (5 March) [Guyana]  
1930. Observations on a migration of butterflies in Venezuela. *Transactions of the royal entomological Society of London* 78(1): 51-57, pls. 2-3, 1 fig., 1 map (30 June) [general]  
1953a. A preliminary list of the insects affecting sugarcane in the Lesser Antilles and Trinidad. *Proceedings of the Congress of the international Society of Sugarcane Technologists* 8: 549-553 [Brassicidae, Hesperidae; parasitoids]  
1953b. *List of sugar-cane insects. A synonymic catalogue of the sugar-cane insects and mites of the world, and of their insect parasites and predators, arranged systematically*. London, Commonwealth Institute of Entomology. vi + 101 pp. [general; Neotropics]
- Box, Harold Edmund, and Pietro Guagliumi**  
1953. The insects affecting sugarcane in Venezuela. *Proceedings of the Congress of the international Society of Sugarcane Technologists* 8: 553-559. [Hesperidae]
- Boy, Hugo Charles** [1890-1937]  
1927. Eine neue *Agrias*-Form. *Internationale entomologische Zeitschrift* 20(37): 344 (1 January) [general; *A. claudia biedermanni* female form *roberti*, *A. c. b. sophusius*; Brazil]  
1936. Eine merkwürdige *Morpho*. *Entomologische Rundschau* 53(16): 228-230 (8 March), (19): 252-254 (1 April), (20): 265-267 (8 April) [general; behavior; ecology; Brazil]
- Boyce, Sarah Lyn**  
2004. See Guerrero, K. A. et al., 2004.  
2006. See Eastwood, R. et al., 2006.
- Boyce, Thomas M.**  
1991. See Brower, A. V. Z. & T. M. Boyce, 1991.
- Boyd, Bret M.**  
2007. Holotype of *Agathymus escalantei* Stallings, Turner, and Stallings, 1966 (Lepidoptera: Hesperidae: Hesperinae). *Insecta Mundi* 18: 1-2, 3 figs. (2 November) [Mexico]
- Boyd, Brian** [1952- ]  
1999. See Johnson, K. D. & B. Boyd, 1999.  
1995. Nabokov's Lepidoptera: A review-article on Dieter E. Zimmer's "Nabokov's Lepidoptera". *Nabokov Studies* 2: 190-199. [general; book review]
- Boyd, Brian, and Kurt Duane Johnson**  
1999. Nabokov, scientist. *Natural History* (New York) 108(6): 46-53, figs. ("July-August" [June]) [Polyommata]
- Boyd, Brian, and Robert Michael Pyle**  
2000. *Nabokov's Butterflies. Unpublished and uncollected writings*. Boston, Beacon Press. xiv + 782 pp., 31 pls., 53 figs. ([April]) [general]
- Boyden, Thomas Clarke** [1950- ]  
1976. Butterfly palatability and mimicry: Experiments with *Ameiva* lizards. *Evolution* 30(1): 73-81, 3 tabs. (7 May) [*Anartia* spp., *Heliconius* spp.; ecology; Panama]  
1978. Territorial defense against hummingbirds and insects by tropical hummingbirds. *Condor* 80(2): 216-221, 3 tabs. (20 September) [general; behavior; Panama]  
1980. Floral mimicry by *Epidendrum ibaguense* (Orchidaceae) in Panama. *Evolution* 34(1): 135-136 (19 March) [*Danaus plexippus* (Linnaeus); pollination]
- Boyer, Pierre**

2003. See Bollino, M. et al., 2003.
- 2006a. See Pycrz, T. W. & P. Boyer, 2006.
- 2006b. See Bálint, Z. et al., 2006a.
- 2006c. See Bálint, Z. et al., 2006d.
- 2008a. See Bálint, Z. et al., 2008a.
- 2008b. See Bollino, M. & P. Boyer, 2008.
- 2008c. See Pycrz, T. W. et al., 2008a.
- 2008d. See Pycrz, T. W. et al., 2008b.
- 2008e. See Pycrz, T. W. et al., 2008d.
- 2008f. See Pycrz, T. W. et al., 2008e.
- 2008g. See Pycrz, T. W. et al., 2008f.
- 2008h. See Prieto, C. H. et al., 2008.
- 2011a. See Pycrz, T. W. et al., [2011]a.
- 2011b. See Pycrz, T. W. et al., 2011c.
- 2011c. See Pycrz, T. W. & P. Boyer, 2011.
2013. See Zacca, T. et al., 2013.
- 2014a. See Zubek, A. et al., 2014.
- 2014b. See Pycrz, T. W. et al., 2014.
2016. See Pycrz, T. W. et al., 2016a.
- 2017a. See Zubek, A. et al., 2017.
- 2017b. See Zacca, T. et al., 2017c.
- 2017c. See Pycrz, T. W. et al., 2017.
- 2018a. See Pycrz, T. W. et al., 2018a.
- 2018b. See Pycrz, T. W. et al., 2018c.
- 2018c. See Pycrz, T. W. et al., 2018d.
- 2018d. Introduction à la connaissance des Pronophilini (Lepidoptera: Nymphalidae; Satyrinae). *Lépidoptères* (Paris) 27(71): 118-130, 4 pls. (December) [general; Neotropics]
- 2019a. See Bálint, Z. et al., 2019a.
- 2019b. See Pycrz, T. W. et al., 2019a.
- 2019c. Introduction à la connaissance des Pronophilini (Lepidoptera: Nymphalidae; Satyrinae) – Deuxième partie. *Lépidoptères* (Paris) 28(73): 118-130, pls. 5-13, 1 tab. (September) [general; Neotropics]
- 2019d. See Padrón, P. S. et al., 2019.
- Boyle, John H.**
2018. See Schär, S. et al., 2018.
- Bozhinovska, Emilija**
2015. See Van Swaay, C. et al., 2015.
- Brabant, Ronald**
1993. Introduction a l'étude des Ithomiidae (Rhopalocères Sud-Américains). *Lambillionea. Fascicule Hors Série 7*: 60 pp., 5 pls., 23 figs., tabs., 1 map [Ed. 2, December 1995, 64 pp., 5 pls., 23 figs., tabs., 1 map; Ed. 3, [2008], 79 pp., 5 pls., 31 figs., 5 tabs., 1 map] [general]
1994. Clef d'identification des Ithomiidae (Lepidoptera) du Nicaragua. *Revista nicaragüense de Entomología* 29: 26-46, 32 figs. (September) [general]
1996. See Maes, J.-M. & R. Brabant, 1996.
- 1999a. See Maes, J.-M. & R. Brabant, 1999.
- 1999b. A propos de *Catasticta ludovici* Eitschberger & Racheli, 1998 des forêts pluviales équatoriennes (Lepidoptera, Pieridae). *Lambillionea* 99(2)(1): 219-220, 2 figs. (June)
2000. See Maes, J.-M. & R. Brabant, 2000.
2001. [A note]. *Lambillionea* 101(1)(2): 129 (March) [general; Costa Rica]
2003. Comparaison entre deux formes de *Napeogenes* Bates, 1862 de Bolivie, dont l'une est une espèce nouvelle (Lepidoptera, Ithomiidae). *Lambillionea* 103(4): 679-682, 17 figs. (December) [*N. majorina*]
- 2004a. Lalita & Christian Brévignon. A la découverte des papillons de jour des Antilles françaises (PLB Editions, nov. 2003). *Lambillionea* 104(1)(1): 71 (March) [general; book review]
- 2004b. Un nouvel ithomiide originaire du centre du Pérou (Lepidoptera, Ithomiidae). *Lambillionea* 104(3)(1): 423-425, 2 figs., 1 tab. (September) [*Oxapampana electrea*; taxonomy]
- 2004c. Description d'un deuxième ithomiide nouveau, originaire du Pérou central (Lepidoptera). *Lambillionea* 104(3)(1): 426-428, 6 figs. (September) [*Meizocellis infuscans*; taxonomy]
- 2004d. Une nouvelle espèce de *Godyrys* Boisduval, 1870, du centre du Pérou (Lepidoptera, Ithomiidae). *Lambillionea* 104(4): 713-715, 5 figs. (December) [*G. nubilosa*]
- Brabant, Ronald, and Hans-Dieter Bischler**
1995. Lépidoptères diurnes nouveaux pour le Nicaragua (Amérique Centrale). *Lambillionea* 95(1)(2): 111-112, 3 figs. (March)
2003. Trois espèces d'*Episcada*, Godman & Salvin, 1879 des Yungas de Bolivie, dont une espèce nouvelle (Lepidoptera, Ithomiidae). *Lambillionea* 103(4): 683-687, 10 figs. (December) [*E. trapezula*]
2005. Une nouvelle espèce d'*Hypomenitis* Fox, trouvée au Costa Rica (Lepidoptera, Ithomiidae). *Lambillionea* 105(2)(2): 326-330, 10 figs., 1 tab. (June) [*H. gabiglooris*]
- Brabant, Ronald, and Jean-Michel Maes**
1997. Nouvelle sous-espèce de *Napeogenes tolosa*, Hew. 1855 du Nicaragua (Lepidoptera, Ithomiidae). *Lambillionea* 97(2)(1): 187-198, 2 figs., 1 tab. (June) [*N. t. mombachoensis*]
2001. Une nouvelle espèce de *Pteronymia* Butler & Druce, 1872 pour le Nicaragua (Lepidoptera, Ithomiidae). *Lambillionea* 101(1)(2): 135-138, 2 figs., 1 tab. (March) [*P. cotyitto* (Guérin-Méneville), *P. artena artena* (Hewitson), *P. simplex schausi* Fox, *P. alcmena* (Godman & Salvin)]
- Braby, Michael F.**
2002. See Pierce, N. E. et al., 2002.
- 2005a. Provisional checklist of genera of the Pieridae (Lepidoptera: Papilionoidea). *Zootaxa* 832: 1-16, 1 fig., 1 tab. (24 January) [general; taxonomy]
- 2005b. See Wahlberg, N. et al., 2005a.
2007. See Wheat, C. W. et al., 2007.
2010. See Kodandaramaiah, U. et al., 2010.
2012. The taxonomy and ecology of *Delias aestiva* Butler, 1897 stat. rev. (Lepidoptera: Pieridae), a unique mangrove specialist of Euphorbiaceae from northern Australia. *Biological Journal of the Linnean Society* 107(3): 697-720, 49 figs., 5 tabs. (November; published online 13 September) [*Neophasia*, *Catasticta*; host plants; Neotropics]
2014. See Wahlberg, N. et al., 2014.
2018. See Kodandaramaiah, U. et al., 2018.
- Braby, Michael F., and Kenji Nishida**
2007. The immature stages, larval food plants and biology of Neotropical mistletoe butterflies. I. The *Hesperocharis* group (Pieridae: Anthocharidini). *Journal of the Lepidopterists' Society* 61(4): 181-195, 60 figs., 1 tab. (14 December) [general]
2010. The immature stages, larval food plants and biology of Neotropical mistletoe butterflies (Lepidoptera: Pieridae). II. The *Catasticta* group (Pierini: Aporiina). *Journal of Natural History* 44(29/32): 1831-1928, 252 figs., 2 tabs. (August) [general]
2011. Mate-location behavior in *Pereute* Herrich-Schäffer butterflies (Lepidoptera: Pieridae), with a review of male behavior at encounter sites in the subtribe Aporiina. *Journal of Research on the Lepidoptera* 44: 51-60, 6 figs., 1 tab. (31 December; published online 13 September) [Peru]
- Braby, Michael F., Naomi E. Pierce and Roger Vila**
2007. Phylogeny and historical biogeography of the subtribe Aporiina (Lepidoptera: Pieridae): implications for the origin of Australian butterflies. *Biological Journal of the Linnean Society* 90(3): 413-440, 7 figs., 4 tabs. (March) [general]



- Braby, Michael F., and John W. H. Trueman**  
2006. Evolution of larval host plant associations and adaptive radiation in pierid butterflies. *Journal of evolutionary Biology* 19(5): 1677-1690, 3 figs., 1 tab. (September) [general]
- Braby, Michael F., John W. H. Trueman and Rodney Eastwood**  
2005. When and where did troidine butterflies (Lepidoptera: Papilionidae) evolve? Phylogenetic and biogeographic evidence suggests an origin in remnant Gondwana in the Late Cretaceous. *Invertebrate Systematics* 19(2): 113-143, 23 figs., 5 tabs. (28 June) [general]
- Braby, Michael F., Roger Vila and Naomi E. Pierce**  
2006. Molecular phylogeny and systematics of the Pieridae (Lepidoptera: Papilionoidea): higher classification and biogeography. *Zoological Journal of the Linnean Society* 147(2): 239-275, 8 figs., 7 tabs. (June; published online 2 June), (3): 417 (July; published online 6 July) [general]
- Bracho, Yecenia**  
2003. See Luna, C. et al., 2003b.
- Bradford, James E.**  
2018. See Parnell, A. J. et al., 2018.
- Bradley, Catherine A.**  
2012. See Davis, A. K. et al., 2012.
- Bradley, Catherine A., and Sonia M. Altizer**  
2005. Parasites hinder monarch butterfly flight: implications for disease spread in migratory hosts. *Ecology Letters* 8(3): 290-300, 3 figs., 2 tabs. (March) [*Danaus plexippus* (Linnaeus); Mexico]
- Bradley, John D.**  
1987. See Holloway, J. D. et al., 1987.
- Bradley, Timothy J.**  
1988. See Cavin, J. C. & T. J. Bradley, 1988.
- Braga, Laura, and Ivone Rezende Diniz**  
2015. The abundance of specialist and generalist lepidopteran larvae on a single host plant species: Does spatial scale matter? *Florida Entomologist* 98(3): 954-961, 2 figs., 4 tabs. (September) [*Symmachia hippodice* Godman, *Hallonympha paucipuncta* (Spitz), *Chioides catillus* (Cramer); host plant; Brazil]
- Braga, Laura, Renato Rogner Ramos, Tamara Moreira Costa Aguiar and André Victor Lucci Freitas**  
2018. Distribution extension of *Godartiana byses* (Nymphalidae: Satyrinae) and first record for the State of São Paulo, Brazil. *Journal of the Lepidopterists' Society* 72(2): 176-179, 2 figs., 1 tab. (11 June)
- Braga, Mariana Pires, Paulo Roberto Guimarães Júnior, Christopher West Wheat, Sören Nylin and Niklas Janz**  
2018. Unifying host-associated diversification processes using butterfly-plant networks. *Nature Communications* 9(5155): 1-10, 4 figs., 2 tabs. (published online 4 December) [Pieridae, Nymphalidae]
- Braga, Rodrigo Fagundes**  
2017. See Pereira, G. C. N. et al., 2017.
- Brailovsky, Harry Urad** [1946- ]  
1981. See Beutelspacher, C. R. & H. Brailovsky, 1981.
- Brailovsky, Harry Urad, Carlos Rommel Beutelspacher and Santiago Zaragoza**  
1993. *La colección entomológica del Instituto de Biología*, pp. 67-100, figs. In: Brailovsky, H.U. & B. Gómez (Eds.), *Colecciones zoológicas. Colecciones Biológicas Nacionales del Instituto de Biología*. México, Universidad Nacional Autónoma de México (October) [general]
- Brakefield, Paul Martin** [1952- ]  
1984. *The ecological genetics of quantitative characters of Maniola jurtina and other butterflies*, pp. 167-190, 14 figs., 11 tabs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
2001. See Janssen, J. M. et al., 2001.  
2002. See Beldade, P. & P. M. Brakefield, 2002.  
2005. See Mollerman, F. et al., 2005.  
2011. See Allen, C. E. et al., 2011.
- Brakefield, Paul Martin, and Vernon French**  
1999. Butterfly wings: the evolution of development of colour patterns. *BioEssays* 21(5): 391-401, 5 figs. (published online 17 May) [*Heliconius*]
- Braker, H. Elizabeth**  
1994. See Marquis, R. J. & H. E. Braker, 1994.
- Brandão, José Soares, Filho**  
1942a. As lagartas das crucíferas. *Sítios e Fazendas* (São Paulo) 7(1): 42, 1 fig. (January) [Pieridae; host plants; Brazil]  
1942b. As orquídeas são também parasitadas por pragas e doenças. *Sítios e Fazendas* (São Paulo) 7(7): 54-56, 3 figs. (July) [*Napaea nepos* (Fabricius); Brazil]  
1942c. As orquídeas são também parasitadas por pragas e doenças. II. *Sítios e Fazendas* (São Paulo) 7(8): 72-73, 1 fig. (August) [also in *Agricultura e Pecuária* (Rio de Janeiro) 234: 6-7 (September)] [*Napaea* spp.; Brazil]  
1942d. O geranio e suas pragas. *Sítios e Fazendas* (São Paulo) 7(9): 80-81, 2 figs. (September) [*Cynthia carye* (Hübner); Brazil]  
1945. Os parasitos de algumas plantas floríferas. *Boletim do Ministério da Agricultura, Indústria e Comercio* (Rio de Janeiro) 34(1): 49-81, 14 figs. (January) [general; Brazil]
- Brandão, Reuber Albuquerque**  
2003. See Pinheiro, C. E. G. et al., 2003.
- Brandes, Julia**  
2012. See Barve, N. et al., 2012.
- Brando, Paulo Monteiro**  
2017. See Andrade, R. B. de et al., 2017.
- Brandt, Johann Friedrich** [1802-1879]  
1849. Rapport sur l'état actuel du Musée entomologique de l'Académie des Sciences. *Bulletin de la Classe physico-mathématique de l'Académie impériale des Sciences de St.-Petersbourg* 7(19): 298-304 (26 January) [general]
- Brashears, Jake, Annette Aiello and Brett M. Seymoure**  
2016. Cool bands: Wing bands decrease rate of heating, but not equilibrium temperature in *Anartia fatima*. *Journal of thermal Biology* 56: 100-108, 6 figs., 2 tabs. (February; published online 18 January) [Panama]
- Brasil, Ello**  
2019. See Henriques, N. R. et al., 2019.
- Brasil, Felipe da Costa**  
1999. See Carvalho, A. C. de et al., 1999.
- Brattström, Oskar**  
2016. See Timmermans, M. J. T. N. et al., 2016.  
2018. See Sahoo, R. K. et al., 2018.
- Brauers, Maureen**  
2017. See Lal, N. N. et al., 2017.
- Braun, Diego Vinícius**  
2019. See Freitas, J. et al., 2019.
- Braun, Marcus, Stefan Dötterl and Gerhard Gottsberger**  
2011. Absence of pollinators and apomictic fruit production in an Atlantic rainforest population of *Cymbopetalum brasiliense* (Annonaceae). *Plant Systematics and Evolution* 296(3/4): 265-273, 3 figs., 2 tabs. (October; published online 2 July) [*Oenomaus ortygneus* (Cramer); host plant; Brazil]
- Braun, Marcus, Stefan Dötterl, Clemens Peter Schlindwein and Gerhard Gottsberger**  
2012. Can nectar be a disadvantage? Contrasting pollination natural histories of two woody Violaceae from the Neotropics. *International Journal of Plant Science* 173(2): 161-171, 4 figs., 4 tabs. (March) [general; Brazil]

- Braun, Marina Reiter**  
2006. See Almeida, A. M. de et al., 2006.
- Braunholtz, Laura Dominie**  
2018a. See Whitworth, A. et al., 2018a.  
2018b. See Whitworth, A. et al., 2018b.  
2018c. See Whitworth, A. et al., 2018c.
- Bravo, Freddy**  
2011. See Zacca, T. et al., 2011.  
2012. See Zacca, T. & F. Bravo, 2012.
- Bravo, Hiram**  
1994. See Salas, M. D. et al., 1994
- Brehm, Gunnar**  
2008a. See Häuser, C. L. et al., 2008.  
2008b. See Fiedler, K. et al., 2008.  
2011. See Laurance, W. F. et al., 2011.  
2012. See Bodner, F. G. F. et al., 2012.  
2018. See Kawahara, A. Y. et al., 2018b.
- Brehm, Gunnar, Konrad Fiedler and Fernando Polibio Gaona**  
2016. *Andean rainforests: studying the global hotspot of lepidopteran diversity*, pp. 110-115, 8 figs. In: Bogner, F. X., J. Bendix & E. Beck (Eds.), *Biodiversity hotspot. Tropical mountain rain forest*. Loja, Naturaleza y Cultura Internacional. [general; Ecuador]
- Brehm, Gunnar, Thomas Hartmann and Keith Richard Willmott**  
2007. Pyrrolizidine alkaloids and pharmacophagous Lepidoptera visitors of *Prestonia amabilis* (Apocynaceae) in a montane rainforest in Ecuador. *Annals of the Missouri botanical Garden* 94(2): 463-473, 2 figs., 4 tabs. (27 July) [lthomiinae]
- Breinholt, Jesse W.**  
2014. See Kawahara, A. Y. & J. W. Breinholt, 2014.  
2018a. See Espeland, M. et al., 2018.  
2018b. See Toussaint, E. F. A. et al., 2018.  
2018c. See Kawahara, A. Y. et al., 2018b.  
2019a. See Espeland, M. et al., 2019.  
2019b. See Kawahara, A. Y. et al., 2019.
- Breinholt, Jesse W., Chandra Earl, Alan R. Lemmon, Emily Moriarty Lemmon, Lei Xiao and Akito Yuji Kawahara**  
2018. Resolving relationships among the megadiverse butterflies and moths with a novel pipeline for anchored phylogenomics. *Systematic Biology* 67(1): 78-93, 6 figs., 1 tab. (January; published online 4 May 2017) [general]
- Breitenbach, Wilhelm**  
1879. Ueber Schmetterlingsrüssel. *Entomologische Nachrichten* 5(18): 237-243, 1 pl. (15 September) [general; morphology; Brazil]  
1881. Beiträge zur Kenntniss des Baues der Schmetterlings-Rüssel. *Jenaische Zeitschrift für Naturwissenschaft* 15(1): 151-214, pls. 4-6 (25 January) [general]
- Bremen, Dirk**  
1995. See Anken, R. H. et al., 1995.  
1998. See Anken, R. H. et al., 1998.
- Bremer, Otto** [ -1873]  
[1857]. Sur les lépidoptères de l'Amérique septentrionale. *Études entomologiques* (Helsingfors) 5: 50-51 ("1856", [24 January 1857]) [general; Mexico]
- Brenes, Steven**  
2012. See Sánchez-Monge, A. et al., 2012.
- Brescovit, Antonio Domingos**  
2008a. See Azevedo, C. O. et al., 2008.  
2008b. See Machado, A. B. M. et al., 2008.
- Brèthes, Jean** [1871-1928]  
1904. Insectos de Tucumán. *Anales del Museo nacional de Buenos Aires* (3)4: 329-347 ([6] October) [general; Argentina]  
1918. See Caride, P. & J. Brèthes, 1918.
1919. *Sección Entomología*, pp. 32-36. In: *Memoria de los trabajos realizados por el Instituto Biológico de la Sociedad Rural Argentina. (Mayo de 1917 a 30 de abril de 1919)*. Buenos Aires, Sociedad Rural Argentina. [*Papilio thoas thoasiades* Burmeister, *Tatochila autodice* (Hübner), *Colias lesbia* (Fabricius); host plants; Argentina]
- 1920a. Insectos útiles y dañinos de Rio Grande do Sul y de La Plata. *Anales de la Sociedad rural argentina* 54: 281-290, 307-308, 6 figs. (15 April) [*Colias lesbia* (Fabricius), *Hesperocharis*; parasitoids; Argentina, Brazil]
- 1920b. *Sección entomológica*, pp. 57-62, 2 figs. In: *Memoria de los trabajos realizados de mayo 1919 a 30 de abril de 1920*. Buenos Aires, Instituto Biológico de la Sociedad Rural Argentina. [*Colias lesbia* (Fabricius); host plant; parasitoid; Argentina]
1923. *Sección Entomología*, pp. 37-44. In: *Memoria. Mayo 1922-23*. Buenos Aires, Instituto Biológico de la Sociedad Rural Argentina. [*Colias lesbia* (Fabricius), *Papilio thoas thoasiades* Burmeister, *Dione vanillae* (Linnaeus); host plants; parasitoids; Argentina]
1924. Varios himenópteros de la América del Sud. *Nunquam Otiosus* 2: 6-16 (28 January) [*Papilio* sp.; parasitoid; Brazil]
- Brettas, Eduardo Parentoni, Fernando Corrêa Campos-Neto and Luiz Soledade Otero**  
[2000]. *Borboletas e mariposas*. Belo Horizonte, Instituto Pau Brasil de História Natural. [7] pp., [26] pls. [general; host plants; distribution; Brazil]
- Breuker, Casper J.**  
2017. See Mazo-Vargas, A. et al., 2017.
- Brévignon, Christian** [1955- ]  
1989a. See Gallard, J.-Y. & C. Brévignon, 1989a.  
1989b. See Gallard, J.-Y. & C. Brévignon, 1989b.  
1990. Quelques élevages guyanais: *Napeocles jucunda* Hübner (Lep. Nymphalidae), *Papilio torquatus* Cramer, *Papilio anchisiades* Cramer, *Eurytides ariarathes* Esper (Lep. Papilionidae). *Bulletin de la Société Sciences Nat* 68: 19-21, 1 pl., 3 figs. (20 December) [host plants; French Guiana]  
1992. Elevage de deux Riodininae guyanais, *Napaea beltiana* Bates et *Cremna thasus* Stoll. I. A propos de la myrmécophilie des chenilles (Lep. Lycaenidae Riodininae). *Alexanor* 17(7): 403-413, 11 figs. (15 September) [French Guiana; egg, larva, pupa, imago; host plants]  
1993a. Elevage de deux Riodininae guyanais, *Napaea beltiana* Bates et *Cremna thasus* Stoll. 2. Le comportement des imagos. *Alexanor* 17(8): 508-512, figs. 12-14 (15 January) [French Guiana]  
1993b. Description de deux nouveaux Pieridae provenant de Guyane Française (Lepidoptera). *Bulletin de la Société Sciences Nat* 77: 17-19, 11 figs. (26 March) [*Enantia aloikea*, *Eurema elathea lamasi*; Surinam]  
1993c. Description d'un nouvel lthomiinae provenant de Guyane Française (Lep. Nymphalidae). *Bulletin de la Société Sciences Nat* 77: 19, 4 figs. (26 March) [*Godyris zavaleta eutelina*]  
1995a. Description et figuration de nouveaux Limenitidinae provenant de Guyane Française (Lepidoptera, Nymphalidae). *Bulletin de la Société Sciences Nat* 83: 14-18, 40 figs. (15 May) [*Pyrrhogyra stratonicus matthias*, *P. amphiro agilis*, *Dynamine pebana elisa*, *Callicore cyllene lalannensis*, *Adelpha epione galbao*, *A. celerio florea*, *A. gillettella*]  
1995b. Description de nouveaux Riodinidae de Guyane Française (Lepidoptera). *Lambillionea* 95(4): 553-560, 45 figs. (December) [*Euselasia arcana*, *E. midas erosina*, *Mesosemia teulem*, *Baeotis robini*, *Mesene patawa*, *Calospila tavakiliani*, *C. antonii*, *C. gallardi*]

- 1996a. Description et figuration de nouveaux *Pyrrhogyra* de Guyane Française (Lepidoptera Nymphalidae Limenitidinae). *Lambillionea* 96(centenaire): 46-48, 8 figs. (February) [*P. edocla perscita*, *P. otolais placita*]
- 1996b. Description d'une nouvelle sous-espèce de *Eurema daira* (Godart, 1819) de Guyane Française (Lepidoptera Pieridae). *Lambillionea* 96(centenaire): 47-48, 4 figs. (February) [*E. d. macheti*]
- 1996c. See Gallard, J.-Y. & C. Brévignon, 1996.
- 1996d. Description d'un nouvel *Heliconius* provenant de Guyane Française (Lepidoptera, Nymphalidae). *Lambillionea* 96(3)(1): 467-470, 15 figs. (September) [*H. lalitae*]
- 1996e. Notes sur les Nemeobiinae de Guyane Française. I - Etude de sept groupes d'espèces jumelles du genre *Euselasia* Kirby, 1871 (Lepidoptera Riodinidae). *Lambillionea* 96(4)(2): 722-732, 87 figs. (December) [new taxa: *E. manoa*, *E. inini*, *E. eustola wacapu*, *E. saulina*]
1997. Notes sur les Nemeobiinae de Guyane Française. II - Le groupe de *Euselasia euryone* (Hewitson, 1856) (Lepidoptera Riodinidae). *Lambillionea* 97(1)(2): 116-120, 18 figs. (March) [life history; host plants]
- 1998a. Un étaloir à papillons. *Alexanor* 20(5): 318-320, 4 figs. (30 June) [Riodinidae; technique]
- 1998b. Notes sur quelques espèces du genre *Parides* Hübner, 1819 en Guyane Française (Lepidoptera Papilionidae). *Lambillionea* 98(3)(2): 435-440, 24 figs. (September) [new subspecies: *P. anchises bukuti*, *P. erithalion inini*, *P. panthonus barbotini*]
- 2000a. Description d'une nouvelle sous-espèce d'*Electrostrymon angelia* (Hewitson, 1876) de la Guadeloupe (Lepidoptera, Lycaenidae). *Lambillionea* 100(1)(2): 128-130, 8 figs. (March) [*E. a. karukera*]
- 2000b. Contribution à l'étude des Lycaenidae de Guyane Française. Le groupe de *gabriela* sensus [sic] Draudt (1917) (Lepidoptera, Lycaenidae, Theclinae) (1ère partie). *Lambillionea* 100(4)(1): 533-540, 22 figs. (December) [*Ipcia* (new genus) *claudia*]
- 2000c. Description d'un nouveau Lycaenidae provenant de la forêt côtière guadeloupéenne (Lepidoptera, Lycaenidae, Theclinae). *Lambillionea* 100(4)(2): 625-626, 8 figs. (December) [*Chlorostrymon lalitae*]
- 2000d. Description d'un nouveau Lycaenidae provenant de la forêt côtière guyanaise (Lepidoptera, Lycaenidae, Theclinae). *Lambillionea* 100(4)(2): 627-629, 6 figs. (December) [*Gigantorubra macouria*; French Guiana]
- 2001a. Insectes des Antilles. Piéride soumaké. *Gwadeloup Natures* 7: 19, 2 figs. (October-November) [*Phoebis sennae* (Linnaeus); life history; host plant; Guadeloupe]
- 2001b. Le genre *Chlorostrymon* Clench, 1961 en Guadeloupe (Lepidoptera, Lycaenidae, Theclinae). *Lambillionea* 101(4)(1): 561-566, 15 figs., 1 tab., 1 map (December) [general; morphology; taxonomy; behavior]
- 2001c. *Marpesia petreus* (Cramer, 1776) dans les Petites Antilles (Lepidoptera, Nymphalidae, Biblidinae). *Lambillionea* 101(4)(1): 574-578, 21 figs. (December) [new subspecies: *M. p. damicorum*; egg, larva, pupa, imago; host plant; behavior; morphology]
- 2002a. Caractérisation d'une nouvelle espèce antillaise du genre *Cyclargus* Nabokov, 1945 (Lepidoptera, Lycaenidae, Polyommatainae, Polyommataini). *Lambillionea* 102(1)(2): 97-102, 22 figs. (March) [*C. oualiri*; life history; host plant; Guadeloupe]
- 2002b. Insectes des Antilles. Hespérie des plages. *Gwadeloup Natures* 9: 27, 3 figs. (April) [*Panoquina panoquinoides* (Skinner); life history; host plant; Guadeloupe]
- 2002c. Insectes des Antilles. Claqueur. *Gwadeloup Natures* 10: 23, 4 figs. (June-July) [*Hamadryas amphichloe* (Boisduval); life history; Guadeloupe]
- 2002d. Insectes des Antilles. Thecle à bande rouge. *Gwadeloup Natures* 12: 27, 2 figs. (September) [*Electrostrymon angelia* (Hewitson); Guadeloupe]
- 2002e. Description d'un nouveau *Philaethria* provenant de Guyane Française et notes sur sa biologie (Lepidoptera, Nymphalidae, Heliconiinae). *Lambillionea* 102(4)(1): 469-473, 18 figs. (December) [*P. andrei*; host plant; behavior]
- 2002f. Contribution à l'étude des Lycaenidae de Guyane Française. Le groupe de *gabriela* sensus [sic] Draudt (1917) (Lepidoptera, Lycaenidae, Theclinae) (2ème partie). *Lambillionea* 102(4)(1): 474-480, 30 figs. (December) [new genus: *Poetukulunma*]
- 2003a. Les stades larvaires de *Morpho telemachus* (Linnaeus, 1758) en Guyane française (Lepidoptera, Nymphalidae, Morphinae). In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 30-32, pl. 3 (January) [Ed. 2, October 2007] [host plant]
- 2003b. Inventaire des Ithomiinae de Guyane française (Lepidoptera, Nymphalidae). *Lambillionea* 103(1)(1): 41-58, 16 figs. (March) [general; host plants; behavior]
- 2003c. See Faynel, C. et al., 2003.
- 2003d. Les papillons diurnes de la Guadeloupe (Lepidoptera, Papilionoidea, Hesperioidea). *Lambillionea* 103(2)(suppl.): 1-29, 2 figs., tabs., maps (June) [general; host plants; distribution]
- 2003e. Description d'une sous-espèce antillaise d'*Historis odius* (Fabricius, 1775) (Lepidoptera, Nymphalidae). *Lambillionea* 103(3): 525-528, 8 figs., 1 tab. (September) [*H. o. caloucaera*; life history; host plant; Guadeloupe]
- 2003f. See Brévignon, L. & C. Brévignon, 2003.
2004. Description de deux nouvelles sous-espèces guadeloupéennes du genre *Junonia* Hübner, 1819 (Lepidoptera, Nymphalidae, Nymphalinae). *Lambillionea* 104(1)(1): 72-80, 31 figs. (March) [*J. genoveva neildi*, *J. evarete swifti*; life history; host plants; ecology; behavior; French Guiana]
- 2005a. Description de nouveaux Brassolinae provenant de Guyane française (Lepidoptera, Nymphalidae). *Lambillionea* 105(2)(2): 314-318, 20 figs. (June) [*Caligo euphorbus alukuma*, *Caligopsis seleucida akali*, *Aponarope beneluzi*]
- 2005b. Description de nouveaux Satyrinae provenant de Guyane française (Lepidoptera, Nymphalidae). *Lambillionea* 105(3)(1): 393-404, 60 figs. (September) [*Taygetis rufomarginata tapulunmi*, *Caeruleptychia twalela*, *Cissia maripa*, *Magneuptychia murrayae*, *Euptychia marceli*, *Euptychia mollina suzannae*, *E. westwoodi muli*, *E. neildi*, *Pareuptychia hesionides deviae*, *P. hervei*, *P. metaleuca tekolokem*]
- 2006a. Description de nouveaux Charaxinae provenant de Guyane française. (Lepidoptera, Nymphalidae). *Lambillionea* 106(2)(2): 293-302, 32 figs. (June) [*Siderone isidora naama*, *S. ellops mellita*, *Memphis phantes nethania*]
- 2006b. Notes sur les Heliconiinae de Guyane française (Lepidoptera: Nymphalidae). *Lambillionea* 106(3)(1): 415-419, 16 figs. (September) [new subspecies: *Heliconius hecale fraternitas*, *Eueides vibilia louisii*]
- 2006c. Notes sur les Papilionidae et les Pieridae de Guyane française (Lepidoptera, Rhopalocera). *Lambillionea* 106(4)(1): 668-673, 14 figs. (December) [new subspecies: *Eurytides callias attali*, *Pterourus xanthopleura balloti*, *Heraclides chiansiades maripasoula*, *Phoebis neocypris vocator*, *Pyrisitia leuce saulbatado*]
- 2006d. Notes sur les Biblidinae de Guyane française

- (Lepidoptera: Nymphalidae). *Lambillionea* 106(4)(1): 674-678 (December) [new subspecies: *Biblis hyperia rosanti*, *Hamadryas iphthime griffoni*, *Dynamine onias mariae*, *D. aerata annae*]
- 2007a. Description d'une nouvelle espèce du genre *Taygetis* Hübner, [1819] provenant de Guyane française (Lepidoptera, Nymphalidae, Satyrinae). *Lambillionea* 107(2)(1): 235-237, 8 figs. (June) [*T. oyapock*]
- 2007b. Notes sur les Ithomiinae de Guyane française. (Lepidoptera: Nymphalidae). *Lambillionea* 107(4): 539-550, 43 figs. (December) [new taxa: *Mechanitis polymnia atrata*, *Napeogenes sylphis ehu*, *N. inachia tijatawaman*, *N. tawaman*, *N. rhezia itu*, *Hypothyris xanthostola ipoti*, *H. daphnis lacommei*, *H. ninonia matouryensis*, *Callithomia alexirrhoe bathsheba*]
- 2008a. Notes sur les Biblidinae, les Apaturinae et les Nymphalinae de Guyane française (Lepidoptera: Nymphalidae). *Lambillionea* 108(1): 3-15, 40 figs. (March) [new taxa: *Dynamine paulina conspicua*, *D. davinae*, *Doxocopa lavinia ducaudi*, *Junonia wahlbergi*, *J. evarete dougueti*, *J. genoveva houlberti*, *Tegosa fragilis laurenti*]
- 2008b. Corrigenda. *Lambillionea* 108(2): 153, 3 figs. (June) [general]
- 2008c. Le groupe d'*Euselasia euoras* (Hewitson, [1855]) en Guyane française (Lepidoptera: Riodinidae, Euselasiinae), pp. 44-61, 87 figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 3. Rhopalocères 2*. Paris, Association des Lépidoptéristes de France (September) [new taxa: *E. e. awala*, *E. e. a. f. vigilantia*, *E. waponaka*, *E. w. uypiranga*, *E. respectus*; Brazil]
- 2008d. Inventaire des Satyrinae de Guyane française (Lepidoptera: Nymphalidae), pp. 62-94, 7 pls., 2 figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 3. Rhopalocères 2*. Paris, Association des Lépidoptéristes de France (September) [new subspecies: *Caeruleptychia helios caelestis*]
2009. Nouvelles observations sur le genre *Junonia* en Guyane française (Lepidoptera: Nymphalidae). Première partie. *Lambillionea* 109(1)(1): 3-7, 17 figs. (March) [new species: *J. litoralis*; life history; host plant]
- 2010a. Description de nouvelles espèces du genre *Theope* Doubleday, 1847 originaires de Guyane française. I – Le groupe de *Theope eudocia* Westwood [sic], 1851 (Lepidoptera, Riodinidae, Riodininae, Nymphidiini). *Lambillionea* 110(3): 315-319, 17 figs. (December) [*T. rochambellus*; behavior]
- 2010b. Description de nouvelles espèces du genre *Theope* Doubleday, 1847 originaires de Guyane française. II – Le groupe de *Theope thestias* Hewitson, 1860 (Lepidoptera, Riodinidae, Riodininae, Nymphidiini). *Lambillionea* 110(3): 320-333, 41 figs. (December) [*T. martinae*, *T. m. iquitosensis*, *T. johannispetreus*, *T. francisi*; *Caeruleptychia* [sic] *helios caelestissima*, replacement name; Peru; Brazil; behavior]
- 2011a. Description de nouvelles espèces du genre *Theope* Doubleday, 1847 originaires de Guyane française. III – Le groupe de *Theope foliorum* H. W. Bates, 1868 (Lepidoptera, Riodinidae, Riodininae, Nymphidiini). *Lambillionea* 111(1): 13-24, 3 + 65 figs. (April) [*T. ebara*, *T. zafaran*, *T. aureonitens gratilis*; behavior]
- 2011b. Description de nouvelles espèces du genre *Theope* Doubleday, 1847 originaires de Guyane française. IV – Le groupe de *Theope sericea* Bates, 1868 (Lepidoptera, Riodinidae, Riodininae, Nymphidiini). *Lambillionea* 111(2): 133-152, 98 figs. (August) [*T. batesi yiyi*, *T. lichi*, *T. ernestinae*, *T. caroli*, *T. sticheli reductor*, *T. foliolium*, *T. christophi rorota*, *T. fernandesi*; behavior]
- 2011c. See Brévignon, L. & C. Brévignon, 2011.
- 2012a. Description de nouveaux Riodinidae de la tribu [sic] Nymphidiina provenant de Guyane française (Lepidoptera, Riodinidae, Riodininae, Nymphidiini). *Lambillionea* 112(1): 39-44, 26 figs. (March) [*Calospila urichi complementaris*, *C. thara desiderabilis*, *C. hemileuca sagittaria*, *C. subtilis*, *C. temperans*, *Livendula brunescens*, *L. aminias florosa*, *Adelotypa borsippa flagrans*]
- 2012b. See Brévignon, L. & C. Brévignon, 2012.
- 2013a. Description de nouveaux Riodinidae provenant de Guyane française (Lepidoptera, Riodinidae, Riodininae). *Lambillionea* 113(1): 4-6, 8 figs. (April) [*Roerberella floccus*, *Comphotis sophistes baba*]
- 2013b. Description de nouveaux Mesosemiina de Guyane française (Lepidoptera, Riodinidae, Riodininae, Mesosemiini) Première partie. *Lambillionea* 113(1): 53-65, pls. 1-2, 2 figs. (April) [*Mesosemia walteri serenitas*, *M. firmitas*, *M. patientia*, *M. vigilantia*, *M. tenacitas*, *M. perspicacitas*, *M. sagacitas*]
- 2013c. Description de nouveaux Mesosemiina de Guyane française (Lepidoptera, Riodinidae, Riodininae, Mesosemiini) Deuxième partie. *Lambillionea* 113(2): 167-173, 27 figs. (September) [*Mesosemia misipsa carapa*, *M. atachibakka*, *M. minos orarius*, *Leucochimona libna*]
- 2015a. Description de nouveaux Mesosemiina de Guyane française (Lepidoptera, Riodinidae, Riodininae, Mesosemiini) (Troisième partie). *Lambillionea* 115(1): 74-81, 2 pls. (February) [*Mesosemia naliniae*]
- 2015b. See Fratello, S. A. et al., 2015.
- 2015c. Un nouvel Eurybiini du genre *Alesa* de Guyane française (Lepidoptera, Riodinidae). *Bulletin de la Société entomologique de France* 120(4): 453-456, 12 figs. (12 December) [*A. humilis*]
- 2015d. Description de nouveaux taxa du genre *Anteros* Hübner, [1819] de Guyane française (Lepidoptera, Riodinidae, Riodininae, Helicopini). *Lambillionea* 115(3): 189-194, 9 figs. ("October", [December]) [*A. milae*, *A. allectus magnificus*]
2016. Les espèces du groupe de *Sarota gyas* (Cramer, 1775) observés en Guyane française (Lepidoptera, Riodinidae). *Bulletin de la Société entomologique de France* 121(4): 445-454, 45 figs. (16 December) [new species: *S. karishmae*; taxonomy]
- 2019a. Nouvelles notes sur les Biblidinae de Guyane (Lepidoptera, Nymphalidae). *Lambillionea* 119(1): 54-66, 50 figs. (March) [new subspecies: *Temenis pulchra donatica*; life histories; host plants; behavior]
- 2019b. Description de nouveaux Riodinidae de Guyane et du Brésil, et changements taxonomiques dans le genre *Pseudolivendula* (Lepidoptera). *Bulletin de la Société entomologique de France* 124(3): 307-324, 51 figs. (11 October) [new taxa: *Mesosemia litany*, *Napaea frustatoria*, *P. tenuis*, *Ancyluris mira toussaintensis*, *Melanis weissii*]
- Brévignon, Christian, and Mohamed Benmesbah**
2012. Complément à l'inventaire des Satyrinae de Guyane (Lepidoptera: Nymphalidae), pp. 36-52, 4 pls., 1 tab. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 7. Nymphalidae*. Paris, Association des Lépidoptéristes de France (October) [general; new taxa: *Taygetis kharisma*, *Caeruleptychia scopulata saul*, *Chloreptychia amethysta*, *Magneptychia trinitensis*, *M. keltoumae*, *M. opima sheba*, *Splendeptychia jadea*]
- Brévignon, Christian, and Jean-Yves Gallard**
1992. Description de nouveaux Riodinidae provenant de Guyane Française (3e contribution). *Bulletin de la Société Sciences Nat* 73: 3-6, 17 figs. (24 April) [*Euselasia euodias talidiman*, *Esthemopsis crystallina*, *Symmachia miron pulchellita*, *Thisbe fenestrella cayennensis*,

- Menander thalassicus*, *Adelotypa aminias wia*]
1993. Description de nouveaux Riodinidae provenant de Guyane Française (4<sup>e</sup> contribution). *Bulletin de la Société Sciences Nat* 77: 20-24, 23 figs. (26 March) [*Euselasia urites eglawahe*, *E. eucritus pallantis*, *E. eubotes matouryensis*, *Mesene mahurya* Brévignon, *M. sularis maroni* Brévignon, *Symmachia seducta* Brévignon, *Roerberella flocculus*, *Zelotaea suffusca*, *Calospila rhodope wayanai* Brévignon, *Adelotypa balista augustalis* Brévignon; Peru, Bolivia]
1995. Contribution à l'étude des Riodinidae de Guyane Française (Lepidoptera). Le genre *Argyrogrammana* Strand, 1932. *Lambillionea* 95(3): 393-406, 2 pls., 15 figs. (September) [new taxa: *A. stilbe sublimis*, *A. holosticta orientalis*, *A. sebastiani*, *A. denisi*, *A. nurtia ludibunda*, *A. chicomendesii*, *A. glaucopsis virgata*, *A. johannismarci*]
- 1997a. Inventaire des Riodinidae de Guyane Française. I Euselasiinae (= Nemeobiinae). Description de nouvelles sous-espèces. (Lepidoptera Riodinidae). *Lambillionea* 97(2)(2): 264-276, 22 figs. (June) [*Euselasia artos maripasoula*, *E. euboea reducta*, *E. zena hermier*]
- 1997b. Inventaire des Riodinidae de Guyane Française. II - Riodininae: Mesosemiini, Eurybiini, Incertae Sedis. Description de nouveaux taxa. (Lepidoptera). *Lambillionea* 97(3)(1): 322-342, 55 figs. (September) [new taxa: *Semomesia ceciliae*, *Mesosemia cyanira ackeryi*, *M. orbona caballina*, *M. menoetes pulverulenta*, *M. meyi*, *Eurybia cyclopa montsineryensis*, *E. caerulescens palikourea*, *Napaea nepos gemina*]
- 1998a. Inventaires des Riodinidae de Guyane Française. III. Riodininae: Riodinini. Description de nouveaux taxa. (Lepidoptera). *Lambillionea* 98(1)(1): 7-24, 42+10 figs. (March) [new taxa: *Chorinea amazon antoniana*, *C. batesii regina*, *Ithomeis satellites bernardi*, *Lepricornis atricolor malmanoury*, *Cha-maelimnas briola batado*, *Baeotis hisbon disjuncta*, *B. euprepes obscurior*, *B. prima nigricans*, *B. expleta corentyna*; Guyana]
- 1998b. Inventaire des Riodinidae de Guyane Française. IV - Riodininae: Symmachiini, Charitini, Helicopini. Description de nouveaux taxa. (Lepidoptera). *Lambillionea* 98(2)(2): 304-320, 56+8 figs. (June) [new taxa: *Mesene arouany*, *Symmachia leena harveyi*, *S. falcistriga meyi*, *Pirascuca devriesi*, *P. sticheli kawensis*, *Sarota miranda*, *S. flavicincta atlantica*]
- 1998c. Inventaire des Riodinidae de Guyane Française. V - Riodininae: "Emesini", Lemoniini. Description de nouveaux taxa. (Lepidoptera). *Lambillionea* 98(4)(1): 483-498, 53 figs. (December) [*Argyrogrammana talboti*, *Calydna caieta similis*, *C. venusta stolata*, *C. cabira belemia*, *Pachitone* [sic] *lateritia bourda*, *Lemonias egaensis reducta*, *Juditha majorina*, *Synargis chaonia indivisa*]
- 1999a. Inventaire des Riodinidae de Guyane Française. VI - Riodininae: Nymphidiini, Stalachtini. Description de nouveaux taxa - Première partie - (Lepidoptera). *Lambillionea* 99(1)(2): 91-100, 31 figs. (March) [*Menander beraka*, *M. coruscans exsultans*, *Dysmathia costalis gwianensis*, *D. cindra acuta*, *Rodinia calpharnia ariana*, *Adelotypa jasonhalli*]
- 1999b. Inventaire des Riodinidae de Guyane Française. VI - Riodininae: Nymphidiini, Stalachtini. Description de nouveaux taxa - Deuxième partie - (Lepidoptera). *Lambillionea* 99(2)(2): 277-290, figs. 28-53 (June) [*Nymphidium manicorensis caoensis*, *N. callaghani*]
2009. Description de deux nouvelles espèces du genre *Theope* provenant de Guyane Française (Lepidoptera: Riodinidae). *Lambillionea* 109(4)(2): 501-504, 11 figs. (December) [*T. shaphir*, *T. palambala*]
- Brévignon, Christian, and Gerardo Lamas**
1993. The genera *Hyposcada* Godman & Salvin, 1879 and *Oleria* Hübner, 1816 in French Guiana. Description of five new subspecies (Lepidoptera Nymphalidae Ithomiinae). *Bulletin de la Société Sciences Nat* 80: 27-31, 32 figs. (27 December) [*H. illinissa dujardini* Brévignon, *H. anchiala gallardi* Brévignon, *O. astrea chloris* Lamas & Brévignon, *O. sexmaculata saulensis* Brévignon, *O. onega hermier* Brévignon; Guyana]
- Brévignon, Christian, Thibault Rosant, Gerardo Lamas, Stephanie Tyler and Keith Richard Willmott**
2019. Description d'une nouvelle espèce d'Euptychiina du genre *Chloreuptychia* (Lepidoptera, Nymphalidae, Satyrinae). *Bulletin de la Société entomologique de France* 124(2): 127-138, 20 figs., 1 tab. (19 June) [*C. rectilinea*; South America]
- Brévignon, Lalita, and Christian Brévignon**
2003. *A la découverte des... Papillons de jour des Antilles françaises*. PLB Éditions. 64 pp., figs. (November) [general; host plants; life history; behavior; distribution; ecology]
2011. *Catalogue des Theopina de Guyane française (Lepidoptera: Riodinidae; Riodininae, Nymphidiini)*, pp. 14-59, 13 pls., 1 fig., 2 graphs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 4. Heliconiinae - Riodinidae*. Paris, Association des Lépidoptéristes de France (September) [general]
2012. *Le genre Junonia en Guyane. Nouvelles observations et révision systématique (Lepidoptera: Nymphalidae)*, pp. 8-35, 3 pls., figs., tabs., 1 graph. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 7. Nymphalidae*. Paris, Association des Lépidoptéristes de France (October) [general; new subspecies: *J. divaricata mitaraka*; morphology; eggs, larvae, pupae; host plants; distribution]
- Brewer, Josephine Tyler [1910-2002]**
1967. *Wings in the meadow*. Boston, Houghton Mifflin Company. xi + 189 pp., figs. [*Danaus plexippus* (Linnaeus); Antilles; migration]
1976. See Sandved, K. B. & J. Brewer, 1976.
1982. A visit with 200 million monarchs. *Defenders* 57(2): 13-16, figs. (April) [*Danaus plexippus* (Linnaeus); migration; Mexico]
1983. The reign of the monarchs. *Geo* 5: 92-97, figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]
1985. Rugged children of air. *Bulletin of the amateur Entomologists' Society* 44(348): 137-145, figs. A, 17-20 (August) [*Danaus plexippus* (Linnaeus); ecology, migration; Mexico]
1987. A journey to Mexico. *Wings* 12(2): 13-14, 1 fig. [*Morpho menelaus* (Linnaeus), *Dryas julia* (Fabricius)]
- Brewer, Mireya Manfrini de, and Nilda Virla de Argüello**
1980. Guía ilustrada de insectos comunes de la Argentina. *Miscelánea. Fundación Miguel Lillo* 67: 1-132, 162 figs. (August) [general]
- Breyer, Alberto [1890-1963]**
- 1927a. *Callicore candrena* Godt. var. nov. *maldonadoi*. *Revista de la Sociedad entomológica argentina* 1(5): 1-2, 1 pl. (1 November) [Argentina]
- 1927b. Algunos lepidópteros argentinos interesantes de la colección Breyer. *Boletín de la Sociedad entomológica argentina* 3(3): 19 (31 December) [general]
- 1929a. *Callicore candrena*, Godt. anormal. *Revista de la Sociedad entomológica argentina* 2(4): 181-182, pl. 2 (31 August) [Argentina]
- 1929b. Un viaje de estudio al norte de Misiones. *Revista de la*

- Sociedad entomológica argentina* 2(5): 271-276 (31 October) [general; behavior; Argentina]
- 1930a. Lepidópteros nuevos para la Rep. Argentina. *Revista de la Sociedad entomológica argentina* 3(3): 151-152, pl. 2 (31 December) [*Papilio scamander* Boisduval, *Morpho portis* Hübner]
- 1930b. Lepidópteros de Yacanto. Especies nuevas, raras y comunes. *Revista de la Sociedad entomológica argentina* 3(3): 169-172, pls. 7-8 (31 December) [general; new aberrations: *Colias lesbia* aberration *citrina*, *Ematurgina bifasciata ochrophlegma* aberration *leucomelaina*; Argentina]
1932. Características de algunas orugas (Lep.). *Revista de la Sociedad entomológica argentina* 5(1): 62-66, figs. (31 July) [general]
1937. Lepidópteros de la zona del Lago Nahuel Huapi, Territorio del Río Negro (Rep. Argentina). *Revista de la Sociedad entomológica argentina* 8: 61-63 ("1936", after June 1937) [general]
- 1939a. Über die argentinischen Pieriden (Lep. Rhop.). *Verhandlungen. VII. internationaler Kongress für Entomologie* (Berlin) 1: 26-55, 1 map (April) [general; new taxa: *Tatochila orthodice* form *impunctata*, *Pieris phileta* form *disjuncta*, *P. pylotis* form *impunctata*, *P. mandela* form *impunctata*, *Appias drusilla* form *minima*, *Hesperocharis anguitia* form *albescens*, *H. lactea* form *infrassignata*, *Meganostoma helena* aberration *marginata*, *Colias lesbia* aberration *privata*, *C. l.* aberration *angustimargo*, *C. l.* aberration *koehleri*, *C. l.* aberration *nigromarginata*, *C. l.* aberration *punctata*, *C. l.* aberration *citronigra*, *C. vautieri* aberration *micans*, *C. blameyi* form *mendozae*, *Dismorphia fedora* form *saltensis*, *D. astynome* aberration *haywardii*]
- 1939b. Los representantes argentinos de la familia "Brassolidae". *Physis* (Buenos Aires) 17(49): 495-502 (31 May) [general; new variety: *Opsiphanes quiteria* variety *obidonoides*]
- 1939c. Los representantes argentinos de la familia "Morphidae". *Physis* (Buenos Aires) 17(49): 503-508 (31 May) [general]
- 1939d. Lepidopterología argentina. Consideraciones zoogeográficas. *Physis* (Buenos Aires) 17(49): 509-524, 1 map (31 May) [general; gazetteer]
- 1940a. Algunos lepidópteros del Norte capturados en los alrededores de Buenos Aires. *Revista de la Sociedad entomológica argentina* 10(5): 464-465 (31 December) [*Papilio* spp., *Megalura peleus* (Sulzer); Argentina]
- 1940b. Observaciones lepidopterológicas de mi reciente viaje al Iguazú (Misiones). *Revista de la Sociedad entomológica argentina* 10(5): 466 (31 December) [general; Argentina]
1941. Los Andes como barrera natural para los lepidópteros. *Revista argentina de Zoogeografía* 1(2): 129-130 (10 September) [*Tatochila autodice* (Hübner)]; biogeography; Argentina, Chile]
- 1942a. See Schaefer B. & A. Breyer, 1942.
- 1942b. *Eroessa chilensis* Guer., género y especie nuevos para la República Argentina (Lep. Pieridae). *Revista de la Sociedad entomológica argentina* 11(4): 317-318 (31 August)
- 1942c. Merma de lepidópteros y algunas de sus causas probables. *Revista argentina de Zoogeografía* 2(3): 161-162 (31 December) [*Papilio* spp.; Argentina]
- 1943a. El género *Meganostoma* Reak. (Lep. Pier.) y sus representantes en la República Argentina, con descripciones de nuevas subespecies. *Revista de la Sociedad entomológica argentina* 12(1): 32-35 (30 September) [general; *M. helena confluens*, *M. h. albescens*]
- 1943b. Lepidópteros raros. *Revista de la Sociedad entomológica argentina* 12(1): 63-64 (30 September) [*Morpho pyrameis* Kotzsch, *M. richardus* Fruhstorfer; Paraguay]
- 1943c. Presentación de un lepidóptero melánico. *Revista de la Sociedad entomológica argentina* 12(2): 150 (31 December) [*Papilio thoas brasiliensis* Rothschild & Jordan; Argentina]
- 1944a. *Las mariposas*, pp. 51-55, figs. In: Automóvil Club Argentino, *Guía de Viaje. Zona noroeste*. Buenos Aires. (15 September) [general; Argentina]
- 1944b. Algunas observaciones de migraciones de lepidópteros en la República Argentina durante la primavera de 1943 y verano de 1944. *Revista argentina de Entomología* 2(4): 45-49, 1 map (30 September) [general]
- 1945a. Lista parcial de lepidópteros coleccionados en Salta. *Revista de la Sociedad entomológica argentina* 12(4): 310-312 (28 February) [general; Argentina]
- 1945b. Notas lepidopterológicas. *Revista de la Sociedad entomológica argentina* 12(4): 343-344 (28 February) [*Papilio*, Danainae; Chile, Argentina]
- 1945c. Presentación de lepidópteros de Salta coleccionados por los consocios doctor Duret y señor Martínez. *Revista de la Sociedad entomológica argentina* 12(4): 345 (28 February) [*Pieris buniae* (Hübner); Argentina]
- 1945d. Notas lepidopterológicas. *Revista de la Sociedad entomológica argentina* 12(4): 348-349 (28 February)
- 1945e. See Schaefer, B. & A. Breyer, 1945.
- 1945f. Presentación de material interesante. *Revista de la Sociedad entomológica argentina* 12(5): 470 (30 December) [*Thecla bicolor* Philippi; Chile, Argentina]
- 1945g. Datos para la documentación de ambientes naturales de lepidópteros. *Revista argentina de Zoogeografía* 5: 31-36, 2 pls. (31 December) [general; ecology; Argentina]
- 1946a. *Las mariposas*, pp. 51-52, figs. In: Automóvil Club Argentino, *Guía de Viaje. Zona nordeste*. Buenos Aires. (20 August) [general; Argentina]
- 1946b. Los lepidópteros del Sur de la República Argentina. *Anales del Museo de la Patagonia* 1: 237-241, pl. 1 ("1945", December 1946) [general; Argentina]
1947. Observaciones sobre material lepidopterológico del Paraguay. *Revista de la Sociedad entomológica argentina* 13(1/5): 362 (10 June) [*Amphidecta pignerator simplicia* Weymer, *Taygetis penellea* (Cramer), *Eryphanis wardi* Boisduval]
- 1948a. Segunda presentación de material lepidopterológico de Yungas del Palmar de Bolivia (con exhibición de fotografías del terreno y de exploración). *Revista de la Sociedad entomológica argentina* 14(3): 162-163 (25 October) [general]
- 1948b. Tercera presentación de material lepidopterológico de Yungas del Palmar de Bolivia. *Revista de la Sociedad entomológica argentina* 14(3): 164-165 (25 October) [general; Nymphalidae]
1952. Schmetterlinge am Nahuel Huapi. Etwas über Lepidopterologie im Allgemeinen und über die Schmetterlinge des Nahuel Huapi im Besonderen. *Südamerika* (Buenos Aires) 2(4): 1063-1066, 1 pl. (15 February) [general; Argentina]
- 1954a. Verbreitungsgebiet der Morphos-Schmetterlinge. *Südamerika* (Buenos Aires) 5(1): 70-72, 1 map (July-August) [general; Neotropics]
- 1954b. *Las mariposas*, pp. 47-51, figs. In: Automóvil Club Argentino, *Guía de Viaje de la Argentina. Zona norte*. Buenos Aires. (24 September) [general]
1956. *Las mariposas*, pp. 127-130, figs. In: Automóvil Club Argentino, *Guía de Viaje de la Argentina. Zona sur*. Buenos Aires. (17 February) [general]
1959. Informe, p. 28. In: Lizer, C. A., Plagas de los bosques naturales y plantas cultivadas (zona oeste del Lago Argentino). *Publicación. Instituto nacional del Hielo continental patagónico* (Buenos Aires) 2: 1-30. [Vanessa]

- terpsichore* Philippi, *Yramea cytheris* (Drury), *Y. lathonioides* (Blanchard); Argentina]
1960. Las especies argentinas del género *Hesperocharis* Felder (Lepidoptera, Pieridae). *Acta zoologica Lilloana* 17: 45-51, pls. 1-3, 1 map (10 June) [general; new taxa: *H. anguitia giesekingi*, *H. infrasignata* form *gastoni*; Peru, Bolivia, Brazil, Uruguay]
- Brez, Jaques** [1771-1798]
1791. *La flore des insectophiles précédée d'un discours sur l'utilité des insectes et de l'étude de l'insectologie*. Utrecht, B. Wild et J. Altheer. xxvi + [2] + 324 + [2] pp. (after 22 October) [general; host plants; Neotropics]
- Briceño, Armando José**
1971. Contribución al conocimiento de los insectos del maní (*Arachis hypogaea* L.) en el Zulia. *Agronomía tropical* (Maracay) 21(1): 31-37 (January) [*Eurema daira* (Godart); Venezuela]
- [1979]a. Ciclo de vida de *Opsiphanes tamarindi* Felder (Lepidoptera: Brassolidae) en Venezuela. *Revista de la Facultad de Agronomía* (Maracay), *Alcance* 26: 107-116, 5 figs., 4 tabs. ("August 1978", [February 1979])
- [1979]b. Algunos parásitos y depredadores de *Opsiphanes tamarindi* Felder (Lepidoptera: Brassolidae) en Venezuela. *Revista de la Facultad de Agronomía* (Maracay), *Alcance* 26: 117-128, 6 figs., 2 tabs. ("August 1978", [February 1979])
1980. Gusano defoliadores del plátano (Lepidoptera) en el sur del Lago de Maracaibo, Venezuela. *Revista de la Facultad de Agronomía* (Maracaibo) 6(1): 628-635, 2 tabs. (January-December) [*Opsiphanes tamarindi* C. Felder & R. Felder, *Caligo memnon* (Felder & Felder), *C. eurilochus* (Cramer), Hesperidae; host plants]
1981. See Salinas, P. J. & A. J. Briceño, 1981.
1985. Posible mimetismo de las pupas de *Opsiphanes tamarindi* Felder como mecanismo de protección a enemigos naturales en plátano (*Musa paradisiaca*). *Revista de la Facultad de Agronomía* (Maracaibo) 6(3): 788-794, 2 figs., 4 tabs. (December) [host plant; Venezuela]
1988. *Pereute* sp. posiblemente *P. praemeridiana* [sic] Fruhst. (Lepidoptera: Pieridae) defoliador del guate pajarito: *Phoradendron* sp., en Mérida. *Revista forestal venezolana* 22(30): 31-39, 5 figs. (September) [egg, larva, pupa, imago; host plant; Venezuela]
1989. Consideraciones generales sobre ataques de insectos en bosques y plantaciones de la región occidental de Venezuela. *Revista forestal venezolana* 21(31): 57-69 ("1987", December 1989) [*Anteos menippe* Hübner, *Phoebis philea* (Linnaeus); host plants]
1997. Perspectivas de un manejo integrado del gusano verde del plátano, *Opsiphanes tamarindi* Felder (Lepidoptera: Brassolidae). *Revista de la Facultad de Agronomía* (Maracaibo) 14(5): 487-495, 2 tabs. (September-October) [host plant; Venezuela]
2002. Lista de insectos de importancia forestal en Venezuela. *Revista forestal venezolana* 46(1): 27-34 (June) [*Anteos menippe* (Hübner); host plant]
- Briceño, Elkin R.**
2004. See Donegan, T. M. et al., 2004.
- Briceño-Félix, Guillermo Ariel**
2019. See Rodríguez, W. D. et al., 2019.
- Bricoux, Francis**
1969. Un papillon fabuleux. *Entomops* 14: 197-204, 4 figs., 1 map (15 April) [*Papilio bedoci* LeCerf; French Guiana]
- Bricoux, Francis, Pierre Jauffret and Francis Dujardin**
1969. Description de la femelle de *Papilio bedoci* LeCerf. *Entomops* 14: 205-207, 2 figs. (15 April) [French Guiana]
- Bridarolli, Albino Juan** [1903-1949]
- 1944a. Lepidópteros anormales. *Revista argentina de Entomología* 2(4): 31-33, 3 figs. (30 September) [*Tatochila wolxemi* [sic] Capronnier; *Vanessa carye* (Hübner), *Heliopetes leca* (Butler); teratology; Argentina]
- 1944b. Una excursión al Iguazú. *Revista argentina de Entomología* 2(4): 50-62, 7 figs., 1 map (30 September) [general; Argentina]
- Bridges, Charles Albert, III** [1941-1995]
1983. *Lepidoptera: Hesperidae. Notes on species-group names*. Urbana, Author. [2] + ii + 129 + 41 + 62 + 30 + 13 pp. (23 August) [general]
- 1984a. *Lepidoptera: Rhopalocera. Notes on family-group names*. Urbana, Author. [i] + 7 + 3 + 7 pp. (June) [general]
- 1984b. *A preliminary list of the publications containing the original descriptions of the species-group names in the butterfly families Lycaenidae and Riodinidae (Lepidoptera: Rhopalocera)*. Urbana, Author. [iv] + 141 + [ii] + 11 pp. (23 November) [general]
- 1985a. *Lepidoptera: Rhopalocera. Notes on family- and genus-group names. Part V. Index to genus-group names*. Urbana, Author. [vi] + 13 pp. (18 February) [general]
- 1985b. *Lepidoptera: Rhopalocera. Notes on family- and genus-group names. Part I. Synonymic list of family-group names*. [Urbana], Author. [iv] + 5 pp. (11 March) [general]
- 1985c. *Notes on the species-group names of the Nearctic Papilionidae and Pieridae (Lepidoptera: Rhopalocera)*. [Urbana], Author. [iii] + 24 + 8 + 12 + 23 + 7 + 1 + 1 + 1 + 4 pp. (8 July) [general; Neotropics]
- 1985d. *Lepidoptera: Rhopalocera. Notes on family- and genus-group names. Part IV. Synonymic list of genus-group names*. [Urbana], Author. [iv] + 37 pp. (8 July) [general]
- 1985e. *Unfinished notes on the bibliography of the butterflies (Lepidoptera: Rhopalocera)*. Urbana, Author. [ii] + 1 + 367 + 126 + 19 pp. (14 October) [general]
1986. (*Lepidoptera: Lycaenidae & Riodinidae*). *Notes on species-group names. Part II: Index to Genera*. [Urbana], Author. [ii] + 128 pp. (28 March) [general]
- 1988a. *Catalogue of Lycaenidae and Riodinidae (Lepidoptera: Rhopalocera)*. Urbana, Author. vii + ii + 377 + ii + 115 + ii + 140 + ii + 101 + ii + 37 + ii + 7 + ii + 1 + ii + 10 pp. (1 February [revised 10 May]) [general]
- 1988b. *Catalogue of family-group and genus-group names (Lepidoptera: Rhopalocera)*. Urbana, Author. vi + ii + 8 + ii + 3 + ii + 4 + ii + 130 + ii + 33 + ii + 67 + ii + 18 + ii + 59 + ii + 20 + ii + 8 pp. (15 March) [Ed. 2, 1 November 1988] [general]
- 1988c. *Catalogue of Hesperidae (Lepidoptera: Rhopalocera)*. Urbana, Author. vii + ii + 205 + ii + 67 + ii + 78 + ii + 54 + ii + 20 + ii + 7 + ii + 1 + ii + 8 pp. (15 March) [general]
- 1988d. *Catalogue of Papilionidae & Pieridae (Lepidoptera: Rhopalocera)*. Urbana, Author. vii + ii + 324 + ii + 93 + ii + 131 + ii + 98 + ii + 37 + ii + 12 + ii + 1 + ii + 4 pp. (15 April) [general]
- 1988e. *Bibliography (Lepidoptera: Rhopalocera)*. Urbana, Author. v + 392 + ii + 139 + ii + 45 pp. (1 May) [general]
1989. *Some additions and corrections to the supplement to: A Catalogue/Checklist of the Butterflies of America North of Mexico. The Lepidopterists' Society Memoir No. 3*. Urbana, Author. 82 pp. (4 October) [general]
1990. See Steinhäuser, S. R. et al., 1990.
1993. *Bibliography (Lepidoptera, Rhopalocera) (second edition)*. Urbana, Author. xi + 683 pp. (20 May) [general]
- 1994a. *Catalogue of the family-group, genus-group and species-group names of the Hesperioidea (Lepidoptera) of the world*. Urbana, Author. [xiv] + xxxii + 598 pp. (31 December) [general]

- 1994b. *Catalogue of the family-group, genus-group and species-group names of the Riodinidae & Lycaenidae (Lepidoptera) of the world*. Urbana, Author. 1128 pp. (31 December) [general]
- Bridgewater, Elmo**  
2001. See Lans, C. et al., 2001.
- Brien, Melanie N.**  
2018. See Parnell, A. J. et al., 2018.
- Brien, Melanie N., Juan Enciso-Romero, Andrew John Parnell, Patricio Alejandro Salazar, Carlos Morochz, Darwin Chalá, Hannah E. Bainbridge, Thomas Zinn, Emma V. Curran and Nicola J. Nadeau**  
2018. Phenotypic variation in *Heliconius erato* crosses shows that iridescent structural colour is sex-linked and controlled by multiple genes. *Interface Focus* 9(1)(20180047): 1-12, 14 figs., 6 tabs. (14 December) [Ecuador, Panama]
- Briggs, Frederick Julian**  
1916. Curious habit of *Eudamus retracta*. *Entomologist* 49(663): 38 (February) [Barbados]
- Brindza, Larry J., Lincoln Pierson Brower, Andrew K. Davis and Tonya Van Hook**  
2008. Comparative success of monarch butterfly migration to overwintering sites in Mexico from inland and coastal sites in Virginia. *Journal of the Lepidopterists' Society* 62(4): 189-200, 4 figs., 5 tabs. (22 December) [*Danaus plexippus* (Linnaeus)]
- Briolat, Emmanuelle S., Emily R. Burdfield-Steel, Sarah C. Paul, Katja H. Rönkä, Brett M. Seymoure, Theodore Stankowich and Adam M. M. Stuckert**  
2019. Diversity in warning coloration: selective paradox or the norm? *Biological Reviews* (Cambridge) 94(2): 388-414, 4 figs., 1 tab. (April; published online 27 August 2018) [*Heliconius*; mimicry]
- Briones, Raúl, Francisco Gárate and Viviane Jerez**  
2012. *Insectos de Chile nativos, introducidos y con problemas de conservación*. Concepción, Corporación Chilena de la Madera. 257 pp., figs. (November) [general]
- Briquetot, André**  
1968. Sobre *Euselasia eucerus* nos eucaliptais do Vale do Rio Doce. *Anais da I Reunião anual. Sociedade brasileira de Entomologia* (Piracicaba), p. 21. [abstract; Brazil]  
1969. Ataque da *Euselasia eucerus* nos eucaliptais da Cía. Siderúrgica Belgo-Mineira. *Revista Floresta* (Curitiba) 1(1): 23-35 [host plants; Brazil]  
1970. See Osse, L. & A. Briquetot, 1970.
- Briquetot, André, and Laercio Osse**  
1969. Presencia de insectos en las plantaciones de eucaliptos de la Compañía Siderúrgica "Belgo-Mineira" y su control experimental por diversos medios. *Boletín. Instituto forestal latino-americano de Investigación y Capacitación* 29: 35-41 (April) [*Euselasia eucerus* (Hewitson); host plant; Brazil]
- Brisco, Michael J.**  
1986. See Thomas, C. D. et al., 1986.  
1988. See Lackie, P. M. et al., 1988.
- Briscoe, Adriana Darielle** [1970- ]  
2001a. See Hsu, R. et al., 2001.  
2001b. Functional diversification of lepidopteran opsins following gene duplication. *Molecular Biology and Evolution* 18(12): 2270-2279, 4 figs., 4 tabs. (1 December) [*Heliconius sara* (Fabricius)]  
2002a. Homology modeling suggests a functional role for parallel amino acid substitutions between bee and butterfly red- and green-sensitive opsins. *Molecular Biology and Evolution* 19(6): 983-986, 2 figs. (1 June) [*Heliconius sara* (Fabricius)]  
2006. See Zaccardi, G. et al., 2006.  
2007a. See Frentiu, F. D. et al., 2007a.  
2007b. See Frentiu, F. D. et al., 2007b.  
2009a. See Sison-Mangus, M. P. & A. D. Briscoe, 2009.  
2009b. See Pohl, N. et al., 2009.  
2010. See Yuan, F. et al., 2010.  
2012a. See Bybee, S. M. et al., 2012.  
2012b. See Dasmahapatra, K. K. et al., 2012.  
2012c. See Finkbeiner, S. D. et al., 2012.  
2014a. See Martin, A. et al., 2014.  
2014b. See Finkbeiner, S. D. et al., 2014.  
2014c. See Smith, G. et al., 2014.  
2015. See Ebel, E. R. et al., 2015.  
2016a. See Van Schooten, B. et al., 2016.  
2016b. See McCulloch, K. J. et al., 2016.  
2016c. See Smith, G. et al., 2016.  
2017a. See Finkbeiner, S. D. et al., 2017a.  
2017b. See Finkbeiner, S. D. et al., 2017b.  
2017c. See Wilts, B. D. et al., 2017.  
2017d. See McCulloch, K. J. et al., 2017.  
2017e. See Macías-Muñoz, A. et al., 2017.  
2018a. See Smith, G. et al., 2018.  
2018b. See Finkbeiner, S. D. et al., 2018.  
2018c. See Catalán, A. et al., 2018.  
2019a. See Macías-Muñoz, A. et al., 2019.  
2019b. See Catalán, A. et al., 2019.
- Briscoe, Adriana Darielle, and Gary Dale Bernard**  
2005. Eveshine and spectral tuning of long wavelength-sensitive rhodopsins: no evidence for red-sensitive photoreceptors among five Nymphalini butterfly species. *Journal of experimental Biology* 208(4): 687-696, 6 figs., 1 tab. (15 February) [general]
- Briscoe, Adriana Darielle, Seth M. Bybee, Gary Dale Bernard, Furong Yuan, Marilou P. Sison-Mangus, Robert D. Reed, Andrew David Warren, Jorge Enrique Llorente and Chuan-Chin Chiao**  
2010a. Positive selection of a duplicated UV-sensitive visual pigment coincides with wing pigment evolution in *Heliconius* butterflies. *Proceedings of the national Academy of Sciences of the United States of America* 107(8): 3628-3633, 4 figs. (23 February; published online 2 February) [general; Mexico]  
2010b. Reply to Nozawa et al.: Complementary statistical methods support positive selection of a duplicated UV opsin gene in *Heliconius*. *Proceedings of the national Academy of Sciences of the United States of America* 107(23): E97 (8 June)
- Briscoe, Adriana Darielle, and Lars Chittka**  
2001. The evolution of color vision in insects. *Annual Review of Entomology* 46: 471-510, 6 figs., 1 tab. (January) [general]
- Briscoe, Adriana Darielle, Aide Macías-Muñoz, Krzysztof M. Kozak, James R. Walters, Furong Yuan, Gabriel A. Jamie, Simon H. Martin, Kanchon Kumar Dasmahapatra, Laura C. Ferguson, James Louis Borlase Mallet, Emmanuelle Jacquín-Joly and Christopher David Jiggins**  
2013. Female behaviour drives expression and evolution of gustatory receptors in butterflies. *PLoS Genetics* 9(7)(e1003620): 1-16, 10 figs., 2 tabs. (11 July) [*Heliconius*]
- Brisolla, Airton Dieguez**  
1986a. See Bergman, E. C. et al., 1986.  
1986b. See Paschoal, I. et al., 1986.
- Bristow, Clement Roger** [1939- ]  
1979. *Opsiphanes quiteria angostura* a new sub-species of Brassoliniinae (Lepidoptera; Rhopalocera) from western Ecuador, with notes on collectors and localities. *Journal of*



- natural History* (London) 13(3): 377-384, 3 figs. ([10 September])
1981. A revision of the brassoline genus *Catoblepia* (Lepidoptera: Rhopalocera). *Zoological Journal of the Linnean Society* 72(2): 117-163, 14 figs., 1 tab. ([8] June) [new subspecies: *C. orgetorix championi*, *C. versitincta mossi*, *C. xanthicles mercedensis*, *C. x. occidentalis*, *C. x. orientalis*, *C. x. paraensis*, *C. berecynthia halli*, *C. b. meridaensis*; life histories; mimicry; zoogeography; Central and South America]
1982. A revision of the brassoline genus *Selenophanes* (Lepidoptera: Rhopalocera). *Zoological Journal of the Linnean Society* 76(4): 273-291, 6 figs. ([15] December) [new subspecies: *S. cassiope haraposa*, *S. c. mapiriensis*, *S. c. perenensis*; migration; mimicry; zoogeography; Panama, South America]
1986. The occurrence of *Opsiphanes tamarindi* Felder & Felder (Lepidoptera: Satyridae) in Britain. *Entomologist's Record and Journal of Variation* 98(5): 96-97 (15 May) [Central and South America]
- 1991a. A revision of the brassoline genus *Opsiphanes* (Lepidoptera: Rhopalocera). *Zoological Journal of the Linnean Society* 101(3): 203-293, 32 figs., 1 tab. ([15] March) [general; new taxa: *O. cassiae alajuela*, *O. c. mexicana*, *O. tamarindi mesomerista*, *O. bogotanus blandini*, *O. quiteria cardenasi*, *O. q. talamancensis*, *O. invirae pernambucoensis*, *O. i. roraimaensis*, *O. i. sieberti*, *O. cassina aiellae*, *O. c. aucotti*, *O. c. barkeri*, *O. c. caliensis*, *O. c. camposi*, *O. c. milesi*, *O. sallei colombiana*, *O. s. kennerleyi*, *O. mutatus parodizi*; mimicry; biogeography]
- 1991b. Brassolinae (Lep.: Satyridae) in Britain and Europe. *Entomologist's Record and Journal of Variation* 103(9/10): 257-258 (15 September) [*Opsiphanes*, *Caligo*]
2008. A review of the genus *Brassolis* Fabricius in Colombia and Ecuador with description of two new taxa (Lepidoptera, Nymphalidae). *Zootaxa* 1806: 47-58, 3 pls., 1 map (20 June) [*B. isthmia wallengreni*, *B. i. daisyae*]
2011. Adventive Brassolina (Lep.: Nymphalidae) in Britain and elsewhere. *Entomologist's Record and Journal of Variation* 123(5): 235-237, pl. 27 (27 September) [general]
2012. See Chacón, I. A. et al., 2012.
2014. See Blandin, P. et al., 2014a.
- Bristow, Clement Roger, Daniel Hunt Janzen and Winifred D. Hallwachs**
2012. A review of two easily confused species of *Brassolis*, with a description of a new subspecies from Central America (Lepidoptera: Nymphalidae). *Bulletin of the Alyn Museum* 165: 1-15, 6 figs. (5 September) [*B. granadensis isidrochaconi*; South America]
- Bristowe, William Syer** [1901-1979]
1925. Notes on the habits of insects and spiders in Brazil. *Transactions of the entomological Society of London* 1924(3/4): 475-504, pl. 48, 1 map (20 February) [general; behavior; ecology]
- British Museum (Natural History)**
1931. A short history of the collections. *Special Guide. British Museum (Natural History)* 9: xi + 62 pp. [general; Neotropics]
- Brito, Gabriel Alexander, and Jaime Buestán**
2014. Diversidad y distribución de las mariposas diurnas (Lepidoptera: Rhopalocera) en cinco categorías de vegetación y dos estratos de bosque (sotobosque-subdosel) en el Bosque Protector Cerro Blanco, provincia del Guayas, Ecuador. *Revista científica Ciencias naturales y ambientales* (Guayaquil) 8(1): 9-16, 3 figs., 2 tabs. (31 July) [general]
- Brito, Ignacio Aureliano Machado** [1938-2001], and **F. A. Mauro Ribeiro**
1975. Ocorrência de Lepidoptera nos folhosos de Tremembé e algumas considerações sobre a bacia geológica do Paraíba, Estado de São Paulo. *Anais da Academia Brasileira de Ciências* 47(1): 105-111, 3 pls. (31 March) ["Danainae" (probably Ithomiinae or Heliconiinae); paleontology; Brazil]
- Brito, Marcos Roberto**
2017. See Cardoso, M. Z. et al., 2017.
- Brito, Mariana Monteiro de, Danilo Bandini Ribeiro, Mariana Raniero, Érica Hasui, Flávio Nunes Ramos and Alberto Arab**
2014. Functional composition and phenology of fruit-feeding butterflies in a fragmented landscape: variation of seasonality between habitat specialists. *Journal of Insect Conservation* 18(4): 547-560, 6 figs., 5 tabs. (August; published online 18 July) [general; Brazil]
- Brito, Vivian**
1999. See Pérez, B. et al., 1999.
- Brito, Ysaly**
- [1993]. See Ramírez, N. L. & Y. Brito, [1993].
- Brittain, Kilbee**
1981. Expeditions. Exploring, discovering, collecting, curating. *Terra* 20(2): 6-19, figs. [general; Costa Rica]
- Brochero, Carlos E., Sindy J. Colorado and Paula Andrea Sepúlveda**
2012. Desarrollo de *Chlosyne lacinia* (Lepidoptera: Nymphalidae) sobre *Tithonia diversifolia* (Asteraceae) bajo condiciones controladas. *Intropica* (Santa Marta) 7: 115-120, 1 fig., 2 tabs. (December) [life history; host plant; Colombia]
- Brochetto-Braga, Márcia Regina**
2003. See Scaglia, M. et al., 2003.
- Brock, James Patrick**
1971. A contribution towards an understanding of the morphology and phylogeny of the Ditrysiian Lepidoptera. *Journal of natural History* 5(1): 29-102, 53 figs. [general]
1990. *Origins and phylogeny of butterflies*, pp. 209-233, 5 figs. In: Kudrna, O. (Ed.), *Butterflies of Europe. Volume 2. Introduction to Lepidopterology*. Wiesbaden, AULA-Verlag. [general]
- Brock, James Phillip** [1951- ]
1988. See Smith, M. J. & J. P. Brock, 1988.
1991. See Bailowitz, R. A. & J. P. Brock, 1991.
1992. See Emmel, T. C. et al., 1992.
1993. See Austin, G. T. et al., 1993.
2003. The classic bait and twitch. Part 1. I'm going bananas. Part 2. Fish or cut bait (heliotrope). *American Butterflies* 11(4): 26-30, figs. [general; Mexico, Brazil]
2017. See Bailowitz, R. A. et al., 2017.
- Brock, James Phillip, and Kenn Kaufman**
2003. *Butterflies of North America*. New York, Hillstar Editions L. C. 384 pp., figs., maps [general]
- Brockmann, Ernst**
2006. Mielke, O. H. H. (2005): Catalogue of the American Hesperioidea: Hesperidae (Lepidoptera). *Nachrichten des entomologischen Vereins Apollo* (Neue Folge) 27(1/2): 64 (24 August) [general; book review]
2014. See Grishin, N. V. et al., 2014b.
- 2019a. See Zhang, J. et al., 2019a.
- 2019b. See Zhang, J. et al., 2019b.
- Brodie, Emily**
2018. See Thurman, T. J. et al., 2018.
- Brodin, Henry ("Hank") M.** [1935-2015]
2006. See Greeney, H. F. et al., 2006.

**Broekhoven, Sarah van**

2016. See Woelke, J. & S. van Broekhoven, 2016.

**Broglio-Micheletti, Sônia Maria Forti, Maria Celeste Campello Diniz, Nivia da Silva-Dias, Alice Maria Nascimento de Araújo, Katherine Girón-Pérez and José Antonio da Silva Madalena**

2011. Insectos asociados a *Alpinia purpurata* (Vieill.) K. Schum. (Zingiberaceae) en Maceió y Rio Largo (AL), Brasil. *Revista Caatinga* 24(1): 1-8, 2 tabs. (March) [general; host plant; pollinator]

**Bromme, Traugott** [1802-1866]

1850. See Gistel, J. von N. F. X. & T. Bromme, 1850.

**Brooks, Daniel R.** [1951- ]

1983. See Mitter, C. & D. R. Brooks, 1983.

**Brooks, Theodore**

1903. A rare butterfly. *Canadian Entomologist* 35(10): 292 (30 October) [*Hypolimnas misippus* (Linnaeus); Cuba]

**Bros, Emmanuel de** [1914-1997]

1993. Auf Expedition in Peru: Kultur, Trekking und Lepidoptera. 6. Juli-4. August 1979. *Mitteilungen. Entomologischen Gesellschaft Basel* 43(4): 146-162, 21 figs., 1 map [general]

1996. Erinnerungen an ein Trekking in Patagonien und Feuerland mit Sammeln von Lepidopteren. *Mitteilungen der entomologischen Gesellschaft Basel* (N.F.) 46(2/3): 52-67, 17 figs. (11 June) [general; Chile, Argentina]

**Brower, Andrew Van Zandt** [1962- ]

1987. Update on conservation from MONCON II: Notes on the Second International Conference on the Monarch Butterfly and the preservation of overwintering colonies. *Atala* 14(1): 12-14 (March) [*Danaus plexippus* (Linnaeus); Mexico]

1993. The development and evolution of butterfly wing patterns.- H. F. Nijhout. 1991. *Journal of the New York entomological Society* 101(1): 141-142 (11 March) [general; book review]

1994a. The case of the missing H: *Heliconius charithonia* (L., 1767), not "*Heliconius charithonia* (L., 1767)". *Journal of the Lepidopterists' Society* 48(2): 166-168 (17 May) [nomenclature]

1994b. Phylogeny of *Heliconius* butterflies inferred from mitochondrial DNA sequences (Lepidoptera: Nymphalidae). *Molecular Phylogeny and Evolution* 3(2): 159-174, 6 figs., 3 tabs. (June) [general]

1994c. Rapid morphological radiation and convergence among races of the butterfly *Heliconius erato* inferred from patterns of mitochondrial DNA evolution. *Proceedings of the national Academy of Sciences of the United States of America* 91(14): 6491-6495, 3 figs., 1 tab. (5 July) [general]

1995a. See Brower, L. P. et al., 1995.

1995b. Locomotor mimicry in butterflies? A critical review of the evidence. *Philosophical Transactions of the royal Society of London* (B) 347: 413-425, 3 figs., 1 tab. [evolution]

1996a. The Butterflies of the West Indies and South Florida.- David Spencer Smith, Lee D. Miller and Jacqueline Y. Miller. 1994. *Journal of the New York entomological Society* 103(1): 126-128 (12 January) [book review]

1996b. Parallel race formation and the evolution of mimicry in *Heliconius* butterflies: A phylogenetic hypothesis from mitochondrial DNA sequences. *Evolution* 50(1): 195-221, 13 figs., 3 tabs. (28 February) [general]

1996c. A new mimetic species of *Heliconius* (Lepidoptera: Nymphalidae), from southeastern Colombia, revealed by cladistic analysis of mitochondrial DNA sequences. *Zoological Journal of the Linnean Society* 116(3): 317-332, 8 figs., 1 tab. ("March" [2 May]) [new taxa: *H. tristero*,

*H. melpomene mocoa*]

1997a. The evolution of ecologically important characters in *Heliconius* butterflies (Lepidoptera: Nymphalidae): a cladistic review. *Zoological Journal of the Linnean Society* 119(4): 457-472, 2 figs., 2 tabs. ("April" [7 May]) [general]

1997b. The butterflies of Venezuela, Part 1: Nymphalidae I (Limenitidinae, Apaturinae, Charaxinae). - Andrew F. E. Neild. *Journal of the New York entomological Society* 104(3/4): 236-239 (15 October) [general; book review]

1998a. See Sime, K. R. & A. V. Z. Brower, 1998.

1998b. *Heliconius* and related genera, by Helmuth and Ruth Holzinger. 1994. *Journal of the Lepidopterists' Society* 52(1): 120-122 (15 June) [general; book review]

1998c. A fair book review? A reply to Mr. Willmott. *News of the Lepidopterists' Society* 40(5): 106 (15 December) [general; Venezuela]

1999a. Las Mariposas de Chile - The Butterflies of Chile - Luis E. Peña G. and Alfredo J. Ugarte P. (English translation by Allen A. Boraiko). 1997. *Journal of the New York entomological Society* 106(2/3): 115-116 (25 February) [general; book review]

1999b. Delimitation of phylogenetic species with DNA sequences: A critique of Davis and Nixon's population aggregation analysis. *Systematic Biology* 48(1): 199-213, 9 figs. (March) [*Heliconius*]

2000a. See Campbell, D. L. et al., 2000.

2000b. Phylogenetic relationships among the Nymphalidae (Lepidoptera) inferred from partial sequences of the *wingless* gene. *Proceedings of the royal Society of London* (B) 267(1449): 1201-1211, 4 figs., 1 tab. (22 June) [general]

2000c. On the validity of *Heliconius tristero* Brower and *Heliconius melpomene mocoa* Brower, with notes on species concepts in *Heliconius* Kluk (Lepidoptera: Nymphalidae). *Proceedings of the entomological Society of Washington* 102(3): 678-687 (14 July) [taxonomy; nomenclature; Colombia]

2002. *Cladistics, populations and species in geographical space: the case of Heliconius butterflies*, pp. 5-15, 2 figs. In: De Salle, R., G. Giribet & W. Wheeler (Eds.), *Molecular systematics and evolution: Theory and practice*. Basel, Birkhäuser Verlag (*Experientia Supplementum* 92)(March) [general]

2003. A comment from "the abyss of empty formalism". *News of the Lepidopterists' Society* 45(1): 13-14 (15 April) [*Heliconius*; systematics]

2005a. See Wahlberg, N. et al., 2005a.

2005b. See Silva-Brandão, K. L. et al., 2005.

2005c. See Wahlberg, N. et al., 2005b.

2005d. See Whinnett, A. et al., 2005a.

2005e. See Whinnett, A. et al., 2005b.

2006a. The genus *Adelpha*: Its systematics, biology and biogeography (Lepidoptera: Nymphalidae: Limenitidini). K. R. Willmott. 2003. *Annals of the entomological Society of America* 99(1): 184-185 (January) [book review]

2006b. Problems with DNA barcodes for species delimitation: 'ten species' of *Astraptes fulgerator* reassessed (Lepidoptera: HesperIIDae). *Systematics and Biodiversity* 4(2): 127-132, 2 figs. (7 June) [Costa Rica]

2006c. See Peña, C. et al., 2006.

2006d. See Simonsen, T. J. et al., 2006.

2007a. See Brower, L. P. et al., 2007.

2007b. See Frentiu, F. D. et al., 2007b.

2007c. See Beltrán, M. et al., 2007.

2007d. See Elias, M. et al., 2007.

2008. See Warren, A. D. et al., 2008b.

2009a. See Elias, M. et al., 2009.

2009b. See Warren, A. D. et al., 2009.

- 2009c. Case 3492. *Heliconius tristero* Brower, 1996 and *Heliconius melpomene mocoa* Brower, 1996 (Lepidoptera, Nymphalidae): proposed conservation by suppression of *Heliconius melpomene bellula* Brown, 1979. *Bulletin of zoological Nomenclature* 66(3): 256-260 (30 September) [Colombia]
- 2009d. See Wahlberg, N. et al., 2009b.
2010. Alleviating the taxonomic impediment of DNA barcoding and setting a bad precedent: names for ten species of '*Astrartes fulgerator*' (Lepidoptera: Hesperidae: Eudaminae) with DNA-based diagnoses. *Systematics and Biodiversity* 8(4): 485-491, 6 figs., 1 tab. (1 December; published online 21 December) [new species: *A. audax*, *A. augeas*, *A. boreas*, *A. favilla*, *A. fruticibus*, *A. inflatio*, *A. obstupefactus*, *A. procrastinator*, *A. synecdoche*, *A. viracocha*; larvae; Costa Rica]
2011. Hybrid speciation in *Heliconius* butterflies? A review and critique of the evidence. *Genetica* 139(5): 589-609, 10 figs. (May; published online 28 November 2010) [general; evolution]
2013. Introgression of wing pattern alleles and speciation via homoploid hybridization in *Heliconius* butterflies: a review of evidence from the genome. *Proceedings of the royal Society of London (B)* 280(1752)(20122302): 1-9, 1 fig. (7 February; published online 12 December 2012) [Central and South America]
2014. See Garzón, I. J. et al., 2014.
- 2015a. See Garzón, I. J. et al., 2015a.
- 2015b. See Garzón, I. J. et al., 2015b.
- 2016a. David A. S. Smith. 2014. *African Queens and their Kin: a Darwinian Odyssey*. *News of the Lepidopterists' Society* 58(2): 86-87, 1 fig. (29 April) [general; book review]
- 2016b. See Matz, J. & A. V. Z. Brower, 2016.
- 2016c. See Sahoo, R. K. et al., 2016.
2017. The ecology and evolution of *Heliconius* butterflies (2017). By Chris D. Jiggins. *News of the Lepidopterists' Society* 59(4): 205, 1 fig. (15 November) [general; book review]
- 2018a. See Garzón, I. J. & A. V. Z. Brower, 2018.
- 2018b. See Garzón, I. J. et al., 2018.
- 2018c. See Toussaint, E. F. A. et al., 2018.
- 2018d. Alternative facts: a reconsideration of putatively natural interspecific hybrid specimens in the genus *Heliconius* (Lepidoptera: Nymphalidae). *Zootaxa* 4499(1): 1-87, 181 figs., 1 tab. (12 October) [general]
2019. Paradigms and paradoxes of *Heliconius* butterflies. *Systematics and Biodiversity* 17(1): 88-91 (published online 7 August) [general; book review]
- Brower, Andrew Van Zandt, and Thomas M. Boyce**  
1991. Mitochondrial DNA variation in Monarch butterflies. *Evolution* 45(5): 1281-1286, 3 tabs. (26 August) [*Danaus plexippus* (Linnaeus)]
- Brower, Andrew Van Zandt, and Robert DeSalle**  
1998. Patterns of mitochondrial versus nuclear DNA sequence divergence among nymphalid butterflies: the utility of *wingless* as a source of characters for phylogenetic inference. *Insect molecular Biology* 7(1): 73-82, 6 figs., 4 tabs. (February) [general]
- Brower, Andrew Van Zandt, and Mary G. Egan**  
1997. Cladistic analysis of *Heliconius* butterflies and relatives (Nymphalidae: Heliconiini): a revised phylogenetic position for *Eueides* based on sequences from mtDNA and a nuclear gene. *Proceedings of the royal Society of London (B)* 264(1384): 969-977, 3 figs., 4 tabs. (22 July) [general]
- Brower, Andrew Van Zandt, André Victor Lucci Freitas, Min-Min Lee, Karina Lucas Silva, Alaine Whinnett and Keith Richard Willmott**  
2006. Phylogenetic relationships among the Ithomiini (Lepidoptera: Nymphalidae) inferred from one mitochondrial and two nuclear gene regions. *Systematic Entomology* 31(2): 288-301, 2 figs., 5 tabs. (April; published online 13 March) [general]
- Brower, Andrew Van Zandt, and Ivonne Janeth Garzón**  
2018. Missing data, clade support and "reticulation": the molecular systematics of *Heliconius* and related genera (Lepidoptera: Nymphalidae) re-examined. *Cladistics* 34(2): 151-166, 5 figs., 1 tab. (April; published online 5 May 2017) [general]
- Brower, Andrew Van Zandt, and Miranda M. Jeansonne**  
2004. Geographical populations and "subspecies" of New World monarch butterflies (Nymphalidae) share a recent origin and are not phylogenetically distinct. *Annals of the entomological Society of America* 97(3): 519-523, 2 figs., 3 tabs. (May) [*Danaus plexippus* (Linnaeus), *D. erippus* (Cramer)]
- 2003b. *Monarchs*, pp. 739-743, 5 figs. In: Resh, V. H. & R. T. Cardé (Eds.), *Encyclopedia of Insects*. San Diego, Academic Press. xxx + 1266 pp., figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 2004a. See Meitner, J. C. et al., 2004.
- 2004b. See Dockx, C. et al., 2004.
- Brower, Andrew Van Zandt, and Richard Irwin Vane-Wright**  
2011. Anomalous areas and awkward ages: concerns about over-reliance on model-based biogeographical and temporal inferences. *Systematic Entomology* 36(4): 601-603 (21 September; published online 3 August) [*Vanessa*; Neotropics]
- Brower, Andrew Van Zandt, Niklas Wahlberg, Joshua R. Ogawa, Michael Hans Boppré and Richard Irwin Vane-Wright**  
2010. Phylogenetic relationships among genera of danaine butterflies (Lepidoptera: Nymphalidae) as implied by morphology and DNA sequences. *Systematics and Biodiversity* 8(1): 75-89, 3 figs., 3 tabs. (1 March) [general]
- Brower, Andrew Van Zandt, Ernest H. Williams, Michael Merle Collins, Homero Aridjis and Betty Aridjis**  
2018. Lincoln Pierson Brower 1931-2018. Remembrances by family, friends and colleagues. *Journal of the Lepidopterists' Society* 72(4): 334-343, 6 figs. (28 November) [general]
- Brower, Andrew Van Zandt, Keith Richard Willmott, Karina Lucas Silva-Brandão, Ivonne Janeth Garzón and André Victor Lucci Freitas**  
2014a. Phylogenetic relationships of ithomiine butterflies (Lepidoptera: Nymphalidae: Danainae) as implied by combined morphological and molecular data. *Systematics and Biodiversity* 12(2): 133-147, 10 figs., 5 tabs. (published online 3 April) [general; Neotropics]
- 2014b. Corrigenda. *Systematics and Biodiversity* 12(2): 259-260 (published online 27 May) [new subtribe: Athesitina]
- Brower, Jane Van Zandt**  
1962. See Brower, L. P. & J. V. Z. Brower, 1962.
- 1963a. Experimental studies and new evidence on the evolution of mimicry in butterflies. *Proceedings of the XVI international Congress of Zoology* (Washington, D. C.) 4: 156-161, 3 tabs. (September) [general]
- 1963b. See Brower, L. P. et al., 1963.
- 1964a. See Brower, L. P. et al., 1964.
- 1964b. See Brower, L. P. & J. V. Z. Brower, 1964.
1965. See Brower, L. P. et al., 1965.
1967. See Brower, L. P. et al., 1967.
1971. See Brower, L. P. et al., 1971.
1972. See Brower, L. P. & J. V. Z. Brower, 1972.
- Brower, Lincoln Pierson** [1931-2018]

1959. Autecological relationships and interspecific sexual behaviour in butterflies of the *Papilio glaucus* group. *Proceedings of the 15th international Congress of Zoology* (London), pp. 810-812. [*Papilio glaucus* Linnaeus, *P. multicaudatus* Kirby, *P. alexiaries* Hopffer; Mexico]
1963. The evolution of sex-limited mimicry in butterflies. *Proceedings of the XVI international Congress of Zoology* (Washington, D. C.) 4: 173-179, 1 tab. (September) [general; ecology; behavior]
1966. See Meinwald, J. et al., 1966.
- 1969a. Ecological chemistry. *Scientific American* 220(2): 22-29, figs., 1 tab. (February) [general; host plants; biochemistry; mimicry; Neotropics]
- 1969b. See Cook, L. M. & L. P. Brower, 1969.
- 1969c. See Cook, L. M. et al., 1969.
1970. *Plant poisons in a terrestrial food chain and implications for mimicry theory*, pp. 69-82, 2 figs., 3 tabs. In: Chambers, K. L. (Ed.), *Biochemical Coevolution*. Corvallis, Oregon State University Press. [general; Trinidad, Mexico]
- 1971a. See Cook, L. M. et al., 1971.
- 1971b. *Prey coloration and predator behavior*, pp. 360-370, 12 figs., 2 tabs. In: *Topics in the Study of Life: The BIO Source Book. Section 6, Animal Behavior*. New York, Harper & Row. [general]
- 1977a. Monarch migration. *Natural History* (New York) 86(6): 40-53, figs. ("June-July", [27 May]) [*Danaus plexippus* (Linnaeus); host plants; life history; behavior; ecology; Mexico]
- 1977b. Misleading butterfly fiction. *BioScience* 27(3): 212 [*Danaus plexippus* (Linnaeus); ecology; Mexico; book review]
1979. See Calvert, W. H. et al., 1979.
- 1981a. See Calvert, W. H. et al., 1981.
- 1981b. See Fink, L. S. & L. P. Brower, 1981.
- 1982a. See Calvert, W. H. & L. P. Brower, 1982.
- 1982b. See Calvert, W. H. et al., 1982.
- 1983a. See Calvert, W. H. et al., 1983.
- 1983b. See Fink, L. S. et al., 1983.
- 1984a. See Calvert, W. H. et al., 1984.
- 1984b. *Chemical defence in butterflies*, pp. 109-134, pl. 2: figs. A-D, 1 fig., 5 tabs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
- 1985a. The yearly flight of the monarch butterfly. *Pacific Discovery* 38(1): 4-12, figs. (January-March) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1985b. New perspectives on the migration biology of the monarch butterfly, *Danaus plexippus* L. *Contributions in marine Science* 27(suppl.): 748-785, 3 figs., 1 tab. (September) [Mexico]
1986. See Seiber, J. N. et al., 1986.
- 1987a. See Malcolm, S. B. & L. P. Brower, 1987.
- 1987b. See Calvert, W. H. & L. P. Brower, 1987.
- 1987c. Commentary: the potential impact of DIPEL spraying on the monarch butterfly overwintering phenomenon. *Atala* 14(1): 17-19 (March) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- 1987d. See Kelley, R. B. et al., 1987.
- 1987e. Biological rationale for the conservation of the overwintering sites of the Monarch butterfly, *Danaus plexippus* L., in the States of Michoacán and México. *Memoria. Primer Simposium internacional de Fauna silvestre* (México) 1: 66-88, 4 figs. [México]
- 1987f. A royal voyage to an enchanted forest. *Orion Nature Quarterly* 6: 26-35, figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1988a. See Masters, A. R. et al., 1988.
- 1988b. See Glendinning, J. I. et al., 1988.
- 1988c. Avian predation on the Monarch Butterfly and its implications for mimicry theory. *American Naturalist* 131(supplement): 4-6, 2 pls., 1 fig. (June) [*Danaus plexippus* (Linnaeus); Mexico]
- 1988d. A place in the sun. *Animal Kingdom* 91: 42-51, figs. (July-August) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1989a. See Herman, W. S. et al., 1989.
- 1989b. See Calvert, W. H. et al., 1989.
- 1990a. See Glendinning, J. I. & L. P. Brower, 1990.
- 1990b. See Glendinning, J. I. et al., 1990.
- 1992a. See Calvert, W. H. et al., 1992.
- 1992b. See Alonso, A. et al., 1992.
- 1992c. See Malcolm, S. B. et al., 1992.
- 1992d. The current status of butterfly royalty. Monarchs and vice-royals revisited. *Terra* 30(4): 4-15, 14 figs. [*Danaus*; mimicry]
- 1993a. See Anderson, J. B. & L. P. Brower, 1993.
- 1993b. See Cockrell, B. J. et al., 1993.
- 1993c. See Malcolm, S. B. et al., 1993.
- 1993d. See Alonso, A. et al., 1993.
- 1993e. See Arellano, A. et al., 1993.
- 1993f. Deciphering the spring migration of the Monarch Butterfly. *Lore* (Milwaukee) 43(2): 6-11, 4 figs. (June) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1995a. Revisión a los mitos de Jürgen Hoth. *Ciencias* (México) 39: 50-51, 1 fig. [*Danaus plexippus* (Linnaeus); ecology; conservation; Mexico]
- 1995b. Understanding and misunderstanding the migration of the monarch butterfly (Nymphalidae) in North America: 1857-1995. *Journal of the Lepidopterists' Society* 49(4): 304-385, 1 fig. (27 December) [*Danaus plexippus* (Linnaeus); Mexico, Central America, Antilles]
- 1996a. Monarch Butterfly orientation: Missing pieces of a magnificent puzzle. *Journal of experimental Biology* 199(1): 93-103, 4 figs. (1 January) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1996b. See Anderson, J. B. & L. P. Brower, 1996.
- 1996c. Forest thinning increases monarch butterfly mortality by altering the microclimate of the overwintering sites in Mexico. *Decline and Conservation of Butterflies in Japan* 3: 33-44, 5 figs. (30 June) [*Danaus plexippus* (Linnaeus)]
1997. See Alonso, A. et al., 1997.
1998. See Alonso, A. et al., 1998.
- 1999a. *Biological necessities for monarch butterfly overwintering in relation to the Oyamel forest ecosystem in Mexico*, pp. 11-28, 5 figs., 8 tabs. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- 1999b. See Altizer, S. M. et al., 1999.
- 1999c. See Walton, R. K. & L. P. Brower, 1999.
- 1999d. *Para comprender la migración de la mariposa monarca (1857-1995)*. México, Instituto Nacional de Ecología. 85 pp. (October) [Spanish translation of Brower, L. P., 1995b] [*Danaus plexippus* (Linnaeus); migration; Mexico, Central America, Antilles]
2000. See Altizer, S. M. et al., 2000.
2001. Canary in the cornfield: the Monarch and the Bt corn controversy. *Orion* 20(2): 32-41, figs. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
2002. Canary in the cornfield: the Monarch and the Bt corn controversy. *Lepidoptera News* 2001(4): 8-12, 3 figs. (20 May) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- 2003a. See Bojórquez, L. A. et al., 2003.

- 2007a. See Williams, E. H. & L. P. Brower, 2007.
- 2007b. See Williams, J. J. et al., 2007.
- 2007c. See Slayback, D. A. et al., 2007.
- 2007d. See Slayback, D. A. & L. P. Brower, 2007.
2008. See Brindza, L. J. et al., 2008.
- 2015a. See Williams, E. H. & L. P. Brower, 2015.
- 2015b. See Zalucki, M. P. et al., 2015.
2016. See Williams, E. H. & L. P. Brower, 2016.
- 2017a. See Pleasants, J. M. et al., 2017.
- 2017b. See Flockhart, D. T. T. et al., 2017a.
- 2017c. See Flockhart, D. T. T. et al., 2017b.
- Brower, Lincoln Pierson, John Alcock and Jane Van Zandt Brower**
1971. *Avian feeding behaviour and the selective advantage of incipient mimicry*, pp. 261-274, 1 pl., 6 tabs. In: Creed, R. (Ed.), *Ecological genetics and evolution. Essays in honour of E. B. Ford*. Oxford, Blackwell Scientific Publications. [general; Trinidad]
- Brower, Lincoln Pierson, and Jane Van Zandt Brower**
1962. Investigations into mimicry. *Natural History* (New York) 71(4): 8-19, figs. (April) [general]
1964. Birds, butterflies and plant poisons: A study in ecological chemistry. *Zoologica* (New York) 49(3): 137-159, 6 tabs. (2 November) [general; host plants; Trinidad]
1972. Parallelism, convergence, divergence, and the new concept of advergence in the evolution of mimicry. *Transactions of the Connecticut Academy of Sciences* 44: 59-67, 4 figs. (December) [general; Neotropics]
- Brower, Lincoln Pierson, Jane Van Zandt Brower and Charles T. Collins**
1963. Experimental studies of mimicry. 7. Relative palatability and Mullerian mimicry among Neotropical butterflies of the subfamily Heliconiinae. *Zoologica* (New York) 48(3): 65-84, 1 pl., 9 tabs. (26 December) [general; Trinidad]
- Brower, Lincoln Pierson, Jane Van Zandt Brower and Joseph M. Corvino**
1967. Plant poisons in a terrestrial food chain. *Proceedings of the national Academy of Sciences of the United States of America* 57(4): 893-898, 1 tab. (15 April) [*Danaus plexippus* (Linnaeus), *Anartia amathea* (Linnaeus); host plants; behavior; Trinidad]
- Brower, Lincoln Pierson, Jane Van Zandt Brower and Florence Pitkin Cranston**
1965. Courtship behavior of the queen butterfly, *Danaus gilippus berenice* (Cramer). *Zoologica* (New York) 50(1): 1-39, 7 pls., 11 figs., 9 tabs. (28 May) [general; morphology; Neotropics]
- Brower, Lincoln Pierson, Jane Van Zandt Brower, Frank Gary Stiles, Harvey J. Croze and A. S. Hower**
1964. Mimicry: Differential advantage of color patterns in the natural environment. *Science* 144(3615): 183-184, 2 figs., 1 tab. (10 April) [general; Trinidad]
- Brower, Lincoln Pierson, and William H. Calvert**
1985. Foraging dynamics of bird predators on overwintering monarch butterflies in Mexico. *Evolution* 39(4): 852-868, 3 figs., 6 tabs. (July) [*Danaus plexippus* (Linnaeus)]
- Brower, Lincoln Pierson, William H. Calvert, Lee E. Hedrick and John Christian**
1977. Biological observations on an overwintering colony of monarch butterflies (*Danaus plexippus*, Danaidae) in Mexico. *Journal of the Lepidopterists' Society* 31(4): 232-242, 2 figs., 4 tabs. (27 December) [behavior; ecology]
- Brower, Lincoln Pierson, Guillermo Castilleja, Armando Peralta, José López-García, Luis A. Bojórquez, Salomón Díaz, Erika Daniela Melgarejo and Monica Missrie**
2002. Quantitative changes in forest quality in a principal overwintering area of the monarch butterfly in Mexico, 1971-1999. *Conservation Biology* 16(2): 346-359, 6 figs., 3 tabs. (April) [*Danaus plexippus* (Linnaeus)]
- Brower, Lincoln Pierson, Laurence M. Cook and Harvey J. Croze**
1967. Predator responses to artificial Batesian mimics released in a neotropical environment. *Evolution* 21(1): 11-23, 3 figs., 6 tabs. (30 March) [*Parides anchises cymochles* (Doubleday), *P. neophilus parianus* (Rothschild and Jordan); Trinidad]
- Brower, Lincoln Pierson, and Linda Susan Fink**
1985. A natural toxic defense system: Cardenolides in butterflies versus birds. *Annals of the New York Academy of Sciences* 443: 171-188, 2 figs., 3 tabs. [*Danaus plexippus* (Linnaeus); Mexico]
- Brower, Lincoln Pierson, Linda Susan Fink, Andrew Van Zandt Brower, Kingston L. H. Leong, Karen Suzanne Oberhauser, Sonia M. Altizer, Orley Robert Taylor, Jr., Daniel Vickerman, William H. Calvert, Tonya Van Hook, Alfonso Alonso, Stephen Baillie Malcol, Denis Frank Owen and Myron Phillip Zalucki**
1995. On the dangers of interpopulational transfers of monarch butterflies. *BioScience* 45(8): 540-544, 2 figs., 1 tab. (September) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Brower, Lincoln Pierson, Linda Susan Fink, Ridlon J. Kiphart, Victoria Pocius, Raúl Ricardo Zubieta and Maria Isabel Ramirez**
2015. *Effect of the 2010-2011 drought on the lipid content of monarchs migrating through Texas to overwintering sites in Mexico*, pp. 117-129, 3 figs., 1 tab. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus)]
- Brower, Lincoln Pierson, Linda Susan Fink and Peter Walford**
2006. Fueling the fall migration of the monarch butterfly. *Integrative and comparative Biology* 46(6): 1123-1142, 3 figs., 5 tabs. (December; published online 22 August) [*Danaus plexippus* (Linnaeus); Mexico]
- Brower, Lincoln Pierson, B. Elizabeth Horner, Melanie A. Marty, Christine M. Moffitt and Bernardo Villa**
1985. Mice (*Peromyscus maniculatus*, *P. spicilegus*, and *Microtus mexicanus*) as predators of overwintering monarch butterflies (*Danaus plexippus*) in Mexico. *Biotropica* 17(2): 89-99, 1 fig., 3 tabs. (June)
- Brower, Lincoln Pierson, Michael A. Ivie, Linda Susan Fink, John R. Watts and Raymond A. Moranz**
1992. Life history of *Anetia briarea* and its bearing on the evolutionary relationships of the Danainae (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 3(2): 64-73, 14 figs. ([18] December) [egg, larva, pupa, imago; host plants; República Dominicana]
- Brower, Lincoln Pierson, and Margaret Ann Jones**
1965. Precourtship interaction of wing and abdominal sex glands in male *Danaus* butterflies. *Proceedings of the royal entomological Society of London* (A) 40(10/12): 147-151, 2 pls., 1 tab. (31 December) [*D. gilippus xanthippus* (Felder); Trinidad]
- Brower, Lincoln Pierson, David R. Kust, Eduardo Rendón, Eligio García, Katherine R. Kust, Jacob Miller, Concha Fernández and Karen Pape**
2004. *Catastrophic winter storm mortality of monarch butterflies in Mexico during January 2002*, pp. 151-166, 2 figs., 4

- tabs. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration]
- Brower, Lincoln Pierson, and Stephen Baillie Malcolm**  
1989. Endangered phenomena. *Wings* 14(2): 3-10, figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]  
1991. Animal migrations: Endangered phenomena. *American Zoologist* 31: 265-276, 3 figs. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Brower, Lincoln Pierson, Carolyn J. Nelson, James N. Seiber, Linda Susan Fink and Calhoun Bond**  
1988. *Exaptation as an alternative to coevolution in the cardenolide-based chemical defense of monarch butterflies (Danaus plexippus L.) against avian predators*, pp. 447-475, 4 figs., 3 tabs. In: Spencer, K. C. (Ed.), *Chemical mediation of coevolution*. San Diego, Academic Press, Inc. [Mexico]
- Brower, Lincoln Pierson, Karen Suzanne Oberhauser, Michael Hans Boppré, Andrew Van Zandt Brower and Richard Irwin Vane-Wright**  
2007. Monarch sex: ancient rites or recent wrongs? *Antenna* 31(1): 12-18, 9 figs. (January) [Danainae; Neotropics]
- Brower, Lincoln Pierson, F. Harvey Pough and H. R. Meck**  
1970. Theoretical investigations of automimicry, I. Single trial learning. *Proceedings of the national Academy of Sciences of the United States of America* 66(4): 1059-1066, 2 figs. (15 August) [*Danaus plexippus* (Linnaeus); host plants; biostatistics; Trinidad, Costa Rica]
- Brower, Lincoln Pierson, and Robert Michael Pyle**  
2004. *The interchange of migratory monarchs between Mexico and the western United States, and the importance of floral corridors to the fall and spring migrations*, pp. 144-166, 2 figs., 2 tabs. In: Nabhan, G. P. (Ed.), *Conserving migratory pollinators and nectar corridors in western North America*. Tucson, University of Arizona Press. [*Danaus plexippus* (Linnaeus)]
- Brower, Lincoln Pierson, James N. Seiber, Carolyn J. Nelson, S. P. Lynch, M. P. Hoggard and Jenny A. Cohen**  
1984. Plant-determined variation in cardenolide content and thin-layer chromatography profiles of monarch butterflies, *Danaus plexippus* reared on milkweed plants in California. 3. *Asclepias californica*. *Journal of chemical Ecology* 10(12): 1823-1857, 6 figs., 9 tabs. (December) [Mexico]
- Brower, Lincoln Pierson, Daniel A. Slayback, Pablo Jaramillo-López, María Isabel Ramírez, Karen Suzanne Oberhauser, Ernest H. Williams and Linda Susan Fink**  
2016. Illegal logging of 10 hectares of forest in the Sierra Chincua Monarch Butterfly Overwintering Area in Mexico. *American Entomologist* 62(2): 92-97, 5 figs. (2 June) [*Danaus plexippus* (Linnaeus); conservation]
- Brower, Lincoln Pierson, Orley Robert Taylor Jr. and Ernest H. Williams**  
2012b. Response to Davis: choosing relevant evidence to assess monarch population trends. *Insect Conservation and Diversity* 5(4): 327-329, 1 fig. (July; published online 27 October 2011) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Brower, Lincoln Pierson, Orley Robert Taylor Jr., Ernest H. Williams, Daniel A. Slayback, Raúl Ricardo Zubieta and María Isabel Ramírez**  
2012a. Decline of monarch butterflies overwintering in Mexico: is the migratory phenomenon at risk? *Insect Conservation and Diversity* 5(2): 95-100, 1 fig. (March; published online 21 March 2011) [*Danaus plexippus* (Linnaeus)]
- Brower, Lincoln Pierson, Ernest H. Williams, Linda Susan Fink, Daniel A. Slayback, María Isabel Ramírez, M. Iván Limón, Raúl Ricardo Zubieta, Stuart B. Weiss, William H. Calvert and Willow Zuchowski**  
2011. Overwintering clusters of the monarch butterfly coincide with the least hazardous vertical temperatures in the oyamel forest. *Journal of the Lepidopterists' Society* 65(1): 27-46, 12 figs., 2 tabs. (20 April) [*Danaus plexippus* (Linnaeus), migration, ecology, behavior; Mexico]
- Brower, Lincoln Pierson, Ernest H. Williams, Linda Susan Fink, Raúl Ricardo Zubieta and María Isabel Ramírez**  
2008. Monarch butterfly clusters provide microclimatic advantages during the overwintering season in Mexico. *Journal of the Lepidopterists' Society* 62(4): 177-188, 9 figs., 1 tab. (22 December) [*Danaus plexippus* (Linnaeus); behavior]
- Brower, Lincoln Pierson, Ernest H. Williams, Pablo Jaramillo-López, David R. Kust, Daniel A. Slayback and María Isabel Ramírez**  
2017. Butterfly mortality and salvage logging from the March 2016 Butterfly Biosphere Reserve in Mexico. *American Entomologist* 63(3): 151-164, 18 figs., 2 tabs. (11 September) [*Danaus plexippus* (Linnaeus); conservation]
- Brower, Lincoln Pierson, Ernest H. Williams, Daniel A. Slayback, Linda Susan Fink, María Isabel Ramírez, Raúl Ricardo Zubieta, M. Iván Limón, Paul Gier, Jennifer A. Lear and Tonya Van Hook**  
2009. Oyamel fir forests provide thermal advantages for overwintering monarchs in Mexico. *Insect Conservation and Diversity* 2(3): 163-175, 6 figs., 3 tabs. (August; published online 2 April) [*Danaus plexippus* (Linnaeus); migration]
- Brown, Alice**  
2016. See Whitworth, A. et al., 2016.
- Brown, Charles Barrington [1839-1917], and William Lidstone**  
1878. *Fifteen thousand miles on the Amazon and its tributaries*. London, Edward Stanford. xv + 530 pp., 24 figs., 1 map [general]
- Brown, Frederick Martin [1903-1993]**  
1929. A revision of the genus *Phoebis* (Lepidoptera). *American Museum Novitates* 368: 1-22, 37 figs. (5 September) [general; new taxa: *P. eubule sennae* female form *sennalba*, *Callidryas argante argante* female form *albante*, *Phoebis argante rorata* normal female form *adela*, *P. agarithe antillia*, *P. a. maxima* female form *albarithe*, *P. (Rhabdodryas) trite watsoni*, *P. (R.) t. trite* female form *tralba*, *P. (R.) t. t. form banksi*; Neotropics]  
1931. A revision of the genus *Aphrissa*. *American Museum Novitates* 454: 1-14, 15 figs. (9 February) [general; new taxa: *A. statira neleis* female form *poeyae*, *A. s. jada* female form *stalba*; Neotropics]  
1932. Pieridae from the regions of Mt. Duida and Mt. Roraima. *American Museum Novitates* 572: 1-7, 3 figs. (10 October) [general; new species: *Catasticta duida*; Brazil, Venezuela, Guyana]  
1933a. Two new *Catasticta* (Lepid.: Pieridae). *Entomological News* 44(6): 147-148, pl. 6 (6 June) [*C. fliza postaura*, *C. forbesia*; Colombia, Peru]  
1933b. Notes on the genus *Phoebis* and the description of a new species. *American Museum Novitates* 653: 1-5, 6 figs. (15 August) [general; *P. tatei*; Ecuador]  
1939a. New forms and species of the genus *Catasticta*-I. (Pieridae: Rhopalocera). *Bulletin of the Brooklyn entomological Society* 34(2): 120-128 (29 April) [*C. corcyra corcyra* female form *linea*, *C. prioneris hegemon* female form *tincta*, *C. subflava* form *collina*, *C. chelidonis* form *teara*, *C. chelidonis* female form *chelalba*, *C. chelidonis* female form *chelaura*, *C. suasa feldera*, *C. philomene* form *philomelas*, *C. p. punctata* form

- hypoleuca*, *C. philomene* race *philodora*, *C. distincta* form *ecuadora*, *C. philone ecuadora* form *pastaza*, *C. tanoia*, *C. flisa* form *maya*, *C. seitziana*, *C. cinerea* form *dusca*, *C. semiramis* form *palla*, *C. apaturina* form *citra*, *C. quiroza*; Central and South America]
- 1939b. [Trip into Ecuador]. *The Entomologist's Exchange News* "3" [4](8): [1]-[3] (5 September) [general]
- 1939c. More notes from Brownie. *The Entomologist's Exchange News* "3"[4](9): [3]-[4] (20 November) [Satyridae; Ecuador]
- 1940a. The larva and chrysalis of *Papilio asterias americanus* Kollar. *Bulletin of the Southern California Academy of Sciences* 38(3): 200-201 (10 February) [host plant; Ecuador]
- 1940b. The faunal life zones in the Amazonian slope of Ecuador. *Journal of the Colorado-Wyoming Academy of Sciences* 2(6): 43 (April) [general]
- 1941a. Some notes on four primary reference works for Lepidoptera. *Annals of the entomological Society of America* 34(1): 127-138 (7 April) [general; bibliography; Neotropics]
- 1941b. Notes on Ecuadorian butterflies - I. *Steroma*, *Pseudo-steroma* and *Steremnia* (Satridae [sic], Rhop.). *Annals of the entomological Society of America* 34(2): 432-436, 6 figs. (2 July) [general]
- 1941c. Catalogo sistematico y zoogeographico [sic] de los lepidopteros mexicanos: Segundo [sic] parte: Hesperioidea. Carlos Hoffman [sic]. *Annals of the entomological Society of America* 34(4): 715 ([19] December) [review; *Pyrgus adepta* Plötz]
- 1941d. A gazetteer of entomological stations in Ecuador. *Annals of the entomological Society of America* 34(4): 809-851, 10 figs. ([19] December)
- 1942a. Animals above timberline - Colorado and Ecuador. *Colorado College Publication* 233: 1-29 (May) [general; ecology; zoogeography; Neotropics]
- 1942b. Notes on Ecuadorian butterflies. II. *Papilio*. *Journal of the New York entomological Society* 50(2): 123-134 (16 June) [distribution]
- [1943]a. Notes on Ecuadorian butterflies, V. *Journal of the New York entomological Society* 50(4): 309-333, pls. 19-20 ("December 1942", [5 January 1943]) [general; new taxa: *Haetera piera* form *ecuadora*, *H. p.* form e. female form *pseudopiera*, *H. macleannia laddeya*, *H. m. l.* female form *neglecta*, *Pseudohaetera*]
- [1943]b. So-called *Papilio ajax americanus* Kollar in North America (Lepidoptera: Papilionidae). *Entomological News* 53(10): 291 ("December 1942", [26 January 1943]) [Mexico, South America]
- 1943c. Notes on Ecuadorian butterflies. III. The genus *Lymanopoda* Westwood (Satyridae). *Annals of the entomological Society of America* 36(1): 87-102, 2 pls. (7 April) [general; new species: *L. hazelana*, *L. confusa*]
- 1943d. Notes on Mexican butterflies, I, Papilionidae. *Journal of the New York entomological Society* 51(3): 161-178, 3 tabs. (7 September) [distribution]
- 1944a. Notes on Mexican butterflies, II, Pieridae. *Journal of the New York entomological Society* 52(1): 99-119 (6 April) [distribution]
- 1944b. Notes on Ecuadorian butterflies. IV. The genus *Penrosada*, new (Lepidoptera, Satyridae). *Annals of the entomological Society of America* 37(2): 255-260, 1 pl. (7 July) [general; new taxa: *Penrosada* (new genus) *apiculata* form *interrupta*, *P. lanassa* form *discontinua*, *P. l.* form *neglecta*, *P. lisa* form *reducta*]
- 1944c. Notes on Mexican butterflies, III, Danaidae. *Journal of the New York entomological Society* 52(3): 237-246 (11 September) [distribution]
- 1944d. The larva and chrysalis of *Dione juno andicola* Bates. *Bulletin of the Brooklyn entomological Society* 39(4): 117-118, 1 fig. (27 November) [Ecuador]
- 1944e. The egg, larva and chrysalis of *Dione moneta* Huebner. *Bulletin of the Brooklyn entomological Society* 39(4): 132-134, 1 fig. (27 November) [Ecuador]
- 1944f. Notes on Mexican butterflies, IV. *Journal of the New York entomological Society* 52(4): 343-360 (19 December) [Heliconiinae, Nymphalinae; distribution]
1945. Notes on Mexican butterflies, V. *Journal of the New York entomological Society* 53(1): 31-46 (4 May) [Nymphalinae, Apaturinae, Libytheidae; distribution]
1948. Taxonomy and distribution of the genus *Pierella* (Lepidoptera). *Annals of the Carnegie Museum* 31(6): 49-87, 11 figs. (8 December) [general; new taxa: *P. hyalinus fusimaculata*, *P. lena brasiliensis* form *obsoleta*, *P. stollei boliviana*, *P. luna luna* form *rubra*, *P. hortona* form *albopunctata*, *P. albofaciata decepta*; Neotropics]
- 1950a. See Comstock, W. P. & F. M. Brown, 1950.
- 1950b-51a. The American Papilios. *Lepidopterists' News* 4(4/5): 39-41 (16 November 1950), (6/7): 63-67 (3 March 1951) [general; Neotropics]
- 1951b. Some notes on tropical butterflies. *Lepidopterists' News* 4(6/7): 67 (3 March) [general; Ecuador]
- 1953a. The Papilios of Ecuador (Rhopalocera, Lepidoptera). *Revista ecuatoriana de Entomología y Parasitología* 1(3): 41-60, 25 figs. (July) [general; distribution]
- 1953b. The Papilios of Ecuador-Genus *Papilio* Linn. (Rhopalocera-Lepidoptera). Part II. *Revista ecuatoriana de Entomología y Parasitología* 1(4): 95-112, 31 figs. (October) [general; distribution]
1954. The Papilios of Ecuador-Genus *Graphium* Scopoli (Rhopalocera-Lepidoptera). Part III. *Revista ecuatoriana de Entomología y Parasitología* 2(1/2): 65-81, 33 figs. (January-April) [general; distribution]
- 1965a. *Anthanassa* Scudder, 1875, (Insecta, Lepidoptera): Proposed designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 22(3): 192-194 (13 August)
- 1965b. Three letters from J. A. B. D. de Boisduval to W. H. Edwards, and the true identity of *Melitaea pola* Bdv. and *Melitaea callina* Bdv. *Journal of the Lepidopterists' Society* 19(4): 197-211, 5 figs. (20 December) [Mexico]
1967. Lorquin's localities "Sonora" and "Utah". *Journal of the Lepidopterists' Society* 21(4): 271-274 (28 November) [general; Mexico]
1968. Annotationes Rhopalocerologicae (book review). *Journal of the Lepidopterists' Society* 22(3): 187-188 (20 August) [general; Neotropics]
1971. Butterflies of Trinidad and Tobago. Malcolm Barcant. 1970. *Journal of the Lepidopterists' Society* 25(4): 298 (24 November) [general; book review]
- 1974a. Andean larvae and chrysalids of *Dione juno andicola* (Bates) and *Agraulis vanillae lucina* Felder and Felder. *Journal of the New York entomological Society* 82(1): 61-64 (23 May) [Ecuador]
- 1974b. The types of butterflies in the Academy of Natural Sciences, Philadelphia, Pennsylvania. *Proceedings of the Academy of natural Sciences of Philadelphia* 126(5): 51-54, 1 fig. (6 December) [general; Neotropics]
- 1975a. An annotated entomological bibliography of Romualdo Ferreira d'Almeida (1891-1969). *Journal of the Lepidopterists' Society* 29(1): 40-51 (15 April) [general; Neotropics]
- 1975b. See Miller, L. D. & F. M. Brown, 1975.
1978. The origins of the West Indian butterfly fauna. In: Zoogeography in the Caribbean. *Special Publication*.

- Academy of natural Sciences of Philadelphia* 13: 5-30, 4 tabs., 5 maps. [general]
1979. See Miller, L. D. & F. M. Brown, 1979.
- 1981a. Book review. *Journal of the Lepidopterists' Society* 35(1): 33 (7 July) [Ithomiinae]
- 1981b. See Miller, L. D. & F. M. Brown, 1981.
- 1981c. See Ferris, C. D. & F. M. Brown, 1981.
- 1983a. See Miller, L. D. & F. M. Brown, 1983.
- 1983b. A revision of *Phyciodes* Hübner and related genera, with a review of the classification of the Melitaeinae (Lepidoptera: Nymphalidae) by L. G. Higgins. *Journal of the Lepidopterists' Society* 37(1): 28 (19 August) [book review]
1988. Fabricius's "Systema Glossatorum". *Transactions of the American entomological Society* 113(4): 431-446 (8 January) [general]
- Brown, Frederick Martin, and William Phillips Comstock**
1952. Some biometrics of *Heliconius charitonius* (Linnaeus) (Lepidoptera, Nymphalidae). *American Museum Novitates* 1574: 1-53, 8 figs., 13 tabs. (28 July) [general; Neotropics]
- Brown, Frederick Martin, and Alfred George Gabriel**
1939. New forms and species in the genus *Catasticta*-II (Pieridae: Rhopalocera). *Bulletin of the Brooklyn entomological Society* 34(4): 203-214 (27 September) [*C. tatae*, *C. reducta butleria*, *C. grossana*, *C. chelidonis* form *germainia*, *C. discalpa*, *C. philomene philomene* form *naranja*, *C. smithia*, *C. frontina*, *C. philoscia* form *ferra*, *C. giga*, *C. gelba*, *C. rileyi*, *C. r.* form *tamsa*; Ecuador, Colombia, Peru, Bolivia, Venezuela]
- Brown, Frederick Martin, Alfred George Gabriel and Frederick W. Goodson**
1940. New forms and species of the genus *Catasticta*-IV. *Bulletin of the Brooklyn entomological Society* 35(5): 170-171 (26 December) [*C. colla* form *amba*; Ecuador]
- Brown, Frederick Martin, and Frederick W. Goodson**
1940. New forms and species of the genus *Catasticta*-III. *Bulletin of the Brooklyn entomological Society* 35(4): 141-143 (11 November) [*C. philomene punctata* form *obsoleta*, *C. fulva kentae*, *C. scaeva restricta*; Peru, Bolivia]
- Brown, Frederick Martin, and Bernard W. Heineman**
1959. The generic name *Anetia* Huebner (Danaiidae, Rhopalocera). *Journal of the New York entomological Society* 66(1/2): 99-102 (20 January) [general]
1971. A check-list of the butterflies of Jamaica. *Mid-Continent Lepidoptera Series* 2(33): 1-9 (December) [general]
1972. *Jamaica and its butterflies*. London, E. W. Classey Ltd. xv + 478 pp., 10 pls., 7 figs., 2 tabs., maps. [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; zoogeography]
- Brown, Frederick Martin, and Thomas W. Turner**
1966. *Panoquina panoquinoides* (Skinner) and *Panoquina errans* (Skinner) (Lepidoptera: Hesperidae). *Entomological News* 77(1): 17-19 (17 January) [general]
- Brown, George G.**
1992. See Brown, K. S., Jr. & G. G. Brown, 1992.
- Brown, Georgina, and Edward Geoffrey Hancock**
2007. The historical repairs of butterflies and moths from the eighteenth century collection of William Hunter, University of Glasgow. *Natural Sciences Collections Association News* 12: 15-19, 10 figs. [*Morpho*]
- Brown, J. Christopher**
2012. See Barve, N. et al., 2012.
- Brown, John Wesley [1951- ]**
1980. Hermes copper. *Environment Southwest* 491: 23, 1 fig., 1 map. [*Hermelycaena hermes* (Edwards); Mexico]
1981. The wandering skipper. At home on the coastal salt marsh. *Environment Southwest* 492: 26, 1 fig. [*Panoquina errans* Skinner; Mexico]
1982. Only where the *Carex* grows. *Environment Southwest* 498: 22, 1 fig. [*Euphyes vestris* (Boisduval); Mexico]
- 1983a. Notes on the life history and Baja California distribution of *Chlorostymon simaethis sarita* (Skinner) (Lepidoptera [sic]: Lycaenidae). *Journal of Research on the Lepidoptera* 20(4): 207-213, 4 figs. (15 April) [Mexico]
- 1983b. A new species of *Mitoura* Scudder from Southern California (Lepidoptera: Lycaenidae). *Journal of Research on the Lepidoptera* 21(4): 245-254, 6 figs. (15 October) [*M. thornei*; Mexico]
1987. The peninsular effect in Baja California: an entomological assessment. *Journal of Biogeography* 14(4): 359-365, 3 figs. (July) [general]
- [1989]a. See Spade, P. et al., [1989].
- 1989b. Records of *Hypaurotis chrysalus* (Edwards) (Lycaenidae) from Western Mexico. *Journal of Research on the Lepidoptera* 27(2): 135 (15 July) [host plants]
1990. Additions to the Papilionoidea (Lepidoptera) of the Revillagigedo Islands, Mexico. *Entomological News* 101(3): 167-169 (May-June) [*Phoebis sennae* (Linnaeus), *P. agarithe* (Boisduval), *Chlorostymon simaethis* (Drury), *Leptotes marinus* (Reakirt), *Hemiargus ceraunus* (Fabricius), *Danaus gilippus* (Cramer)]
1991. Sphingidae (Lepidoptera) of Isla del Coco, Costa Rica, with remarks on the Macrolepidoptera fauna. *Brenesia* (San José) 33: 81-84, 1 tab. (January) [general]
- 1993a. See Faulkner, D. K. & J. W. Brown, 1993.
- 1993b. Thorne's hairstreak, *Mitoura thornei* Brown. *Occasional Paper of the IUCN Species Survival Commission* 8: 122-123. [Mexico]
2001. Presidential address 2000: Nomenclatural nonsense - flying in the face of a farcical code. *Journal of the Lepidopterists' Society* 55(1): 1-7, 7 figs., 4 tabs. (21 December) [general]
2002. New home for the Lepidoptera Collection at the National Museum of Natural History, Smithsonian Institution. *News of the Lepidopterists' Society* 44(3): 78, 81 (15 November) [general]
2004. Preliminary assessment of Lepidoptera diversity on the peninsula of Baja California, Mexico, with a list of documented species. *Folia entomologica mexicana* 43(1): 87-114, 5 figs., 2 tabs. (19 April) [general]
- 2009a. See Roe, A. D. et al., 2009.
- 2009b. See Regier, J. C. et al., 2009.
2011. See Nieukerken, E. J. van et al., 2011.
2013. See Regier, J. C. et al., 2013.
2014. See Fernández-Triana, J. L. et al., 2014.
- Brown, John Wesley, and David K. Faulkner**
1982. New Rhopalocera records for Baja California with the description of a new species of *Habrodais* Scudder (Lepidoptera: Theclinae [sic]). *Bulletin of the Allyn Museum* 67: 1-6, 6 figs., 1 tab. (19 March) [general; *H. poodiae*; Mexico]
1984. Distributional records of certain Rhopalocera in Baja California, Mexico, with the description of a new subspecies of *Papilio (Heracles) astyalus* (Godart) (Lepidoptera: Papilionidae). *Bulletin of the Allyn Museum* 83: 1-9, 5 figs., 1 tab. (18 January) [general; *P. (H.) a. occidentalis*]
1989. The butterflies of Isla de Cedros, Baja California Norte, Mexico. *Journal of Research on the Lepidoptera* 27(3/4): 233-256, 10 figs. (10 December) [new species: *Mitoura cedrosensis*]
- Brown, John Wesley, and William Wayne McGuire**
1983. A new subspecies of *Euphyes vestris* (Boisduval) from Southern California (Lepidoptera: Hesperidae). *Transac-*



- tions of the San Diego Society of natural History 20(3): 57-68, 19 figs. (24 June) [*E. v. harbisoni*; Mexico]
- Brown, John Wesley, and Paul Alexander Opler**
1990. Patterns of butterfly species diversity in peninsular Florida. *Journal of Biogeography* 17: 615-622, 2 figs., 5 tabs. [general; biogeography; Mexico]
- Brown, John Wesley, Herman George Real and David K. Faulkner**
1992. *Butterflies of Baja California. Faunal survey, natural history, conservation biology*. Beverly Hills, The Lepidoptera Research Foundation, Inc. v + 129 pp., 8 pls., 9 figs., maps. [general; Mexico; zoogeography; new subspecies: *Papilio astyalus bajaensis*]
- Brown, Keith Spalding, Jr.** [1938- ]
1965. A new L-alpha-amino acid from Lepidoptera. *Journal of the American Chemical Society* 87(18): 4202-4203 (20 September) [*Heliconius*, Ithomiinae; biochemistry; Brazil]
- 1967a. See Tokuyama, T. et al., 1967.
- 1967b. Chemotaxonomy and chemomimicry: The case of 3-hydroxykynurenine. *Systematic Zoology* 16(3): 213-216, 2 figs. (30 September) [general; biochemistry; mimicry]
- 1970a. Research notice. *News of the Lepidopterists' Society* 1970(4): 3 (1 June) [*Heliconius* spp.; Brazil]
- 1970b. Rediscovery of *Heliconius nattereri* in eastern Brazil. *Entomological News* 81(6): 129-140, 10 figs. (25 August) [general; ecology; behavior; egg, larva, pupa; morphology; evolution]
- 1970c. Proposta: Uma reserva biológica na Chapada de Guimarães, Mato Grosso. *Brasil florestal* 1(4): 17-29, 12 figs., 1 map. [*Mechanitis lysimnia* (Fabricius); ecology; biogeography; Peru, Brazil]
- 1970d. Relatório das atividades no Centro de Pesquisas de Produtos Naturais da Faculdade de Farmácia da Universidade Federal do Rio de Janeiro. *Arquivos do Instituto biológico* (São Paulo) 37(supl. 1): 19-21. [Ithomiinae, Heliconiinae; chemistry; Brazil]
- 1972a. See De Lesse, J. H. & K. S. Brown, Jr.
- 1972b. The Heliconians of Brazil (Lepidoptera: Nymphalidae). Part III. Ecology and biology of *Heliconius nattereri*, a key primitive species near extinction, and comments on the evolutionary development of *Heliconius* and *Eueides*. *Zoologica* (New York) 57(1): 41-69, 4 pls., 4 figs., 4 tabs., 3 graphs (11 September) [general; behavior; host plant; egg, larva, pupa, imago; morphology]
- 1972c. Maximizing daily butterfly counts. *Journal of the Lepidopterists' Society* 26(3): 183-196, 1 tab. (29 September) [general; Brazil]
- 1973a. Zone 10: South America. In: The 1972 field season summary. *News of the Lepidopterists' Society* 1973(2): 19 (15 March) [general; Ecuador, Colombia, Brazil]
- 1973b. The heliconians of Brazil (Lepidoptera: Nymphalidae). Part V. Three new subspecies from Mato Grosso and Rondonia. *Bulletin of the Allyn Museum* 13: 1-19, 4 pls., 6 figs., 1 map (26 July) [general; *Heliconius astraera rondonia*, *H. aeode eurycleia*, *H. ethilla chapadensis*]
- 1973c. A portfolio of Neotropical lepidopterology. Rio de Janeiro, Orrtag. 28 pp., 40 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; mimicry]
- 1975a. See Semir, J. & K. S. Brown, Jr., 1975.
- 1975b. The ithomiines of Brazil (Lepidoptera: Nymphalidae). III. Rediscovery and systematic position of *Napeogenes xanthone*. *Entomological News* 85(9/10): 265-274, 10 figs., 1 map (10 September) [general; ecology]
- 1976a. Geographical patterns of evolution in Neotropical Lepidoptera. Systematics and derivation of known and new Heliconiini (Nymphalidae: Nymphalinae). *Journal of Entomology* (B) 44(3): 201-242, 27 figs., 1 map (6 January) [general; new taxa: *Eueides emsleyi*, *Heliconius aeode philipi*, *H. wallacei araguaia*, *H. pardalinus orteguaza*, *H. p. butleri*, *H. hecale australis*, *H. h. barcanti*, *H. clysonymus tabaconas*, *H. congener aquilionaris*, *H. sapho candidus*]
- 1976b. See Benson, W. W. et al., 1976.
- 1976c. An illustrated key to the silvaniform *Heliconius* (Lepidoptera: Nymphalidae) with descriptions of new subspecies. *Transactions of the American Entomological Society* 102: 373-484, 20 pls., 15 figs. (15 December) [general; zoogeography; eggs, larvae, pupae, imagines; *H. numata holzingeri*, *H. n. sourensis*, *H. ismenius tilletti*, *H. hecale shanki*, *H. h. rosalesi*, *H. ethilla jaruensis*; Mexico, Central and South America]
- 1977a. Centros de evolução, refúgios quaternários e conservação de patrimônios genéticos na região neotropical: padrões de diferenciação em Ithomiinae (Lepidoptera: Nymphalidae). *Acta Amazonica* (Manaus) 7(1): 75-137, 33 figs. (March) [general; new taxa: *Eutresis hypereia imeriensis*, *Tithorea tarricina franciscoi*, *T. harmonia dorada*, *T. h. gilberti*, *Hypothyris lema*; Neotropics]
- 1977b. Geographical patterns of evolution in Neotropical forest Lepidoptera (Nymphalidae: Ithomiinae and Nymphalinae-Heliconiini), pp. 118-160, 12 figs., 1 tab. In: Descimon, H. (Ed.), *Biogéographie et Evolution en Amérique Tropicale. Publications du Laboratoire de Zoologie de l'Ecole normale supérieure* (Paris) 9. (15 July) [general]
- 1977c. Geographical patterns of evolution in Neotropical Lepidoptera: differentiation of the species of *Melinaea* and *Mechanitis* (Nymphalidae, Ithomiinae). *Systematic Entomology* 2(3): 161-197, 88 + 1 figs., 1 tab. (July) [general; new subspecies: *Melinaea mnasias abitagua*, *M. m. neblinae*, *M. m. rondonia*, *M. ethra kayei*, *M. e. lamasi*, *M. menophilus ernestoi*, *Mechanitis menapis dariensis*; Neotropics]
1978. Heterogeneidade: fator fundamental na teoria e prática de conservação de ambientes tropicais. *Encontro nacional de Preservação da Fauna e Recursos faunísticos* (Brasília), pp. 175-183, 1 tab. [Heliconiini, Ithomiinae; ecology; Brazil]
- 1979a. *Ecologia geográfica e evolução nas florestas neotropicais*. São Paulo, Universidade Estadual de Campinas. xxxi + 265 pp., 154 figs., 4 tabs., 21 diagrams; *Apendices*: 120 pp., figs. (April) [Heliconiinae, Ithomiinae; mimicry; biogeography]
- 1979b. See Mielke, O. H. H. & K. S. Brown, Jr., 1979.
- 1979c. Insetos aposemáticos: indicadores naturais de plantas medicinais. *Ciência e Cultura* (São Paulo) 32(supl.): 189-200, 2 tabs. [general; host plants; Brazil]
- 1979d. [A importância de elementos indicadores no estudo de comunidades vegetais brasileiras]. *Publicação. ACIESP* (São Paulo) 15: 32-35. (*Anais do Simpósio sobre a Comunidade Vegetal como Unidade Biológica, Turística e Econômica*) [Heliconiinae, Ithomiinae; ecology]
1980. A review of the genus *Hypothyris* Hübner (Nymphalidae), with descriptions of three new subspecies and early stages of *H. daphnis*. *Journal of the Lepidopterists' Society* 34(2): 152-172, 21 figs. (23 September) [*H. daphnis madeira*, *H. d. clenchi*, *H. d. amapaensis*; Central and South America]
- 1981a. Contribución del conocimiento de los lepidópteros neotropicales a la Biogeografía. *Simpósia y Conferencias, IV Congreso latinoamericano de Entomología* (Maracay), pp. D70-D93, 4 figs. (5 July) [general]
- 1981b. The biology of *Heliconius* and related genera. *Annual Review of Entomology* 26: 427-456, 4 figs., 3 tabs.

- [general]
- 1982a. Bates, beetles, butterflies, biology and books: a book review. *Journal of the Lepidopterists' Society* 35(3): 252-254 (28 April) [general]
- 1982b. Historical and ecological factors in the biogeography of aposematic neotropical butterflies. *American Zoologist* 22(2): 453-471, 15 figs., 2 tabs. (May) [general]
- 1982c. See Vasconcellos, J., Neto & K. S. Brown, Jr., 1982.
- 1982d. *Paleoecology and regional patterns of evolution in Neotropical forest butterflies*, pp. 255-308, 37 figs., 2 tabs. In: Prance, G. T. (Ed.), *Biological Diversification in the Tropics*. New York, Columbia University Press. [Ithomiinae, Heliconiinae]
- 1982e. See Holzinger, H. & K. S. Brown, Jr., 1982.
- 1982f. Miller, Lee D. & Brown, F. Martin, 1981. A Catalogue/Checklist of the Butterflies of America north of Mexico. *Revista brasileira de Entomologia* 26(3/4): 357-360, 2 tabs. (31 December) [book review]
- 1983a. Alcaloides pirrolizidínicos como defesa química contra predação em Ithomiinae (Lepidoptera: Nymphalidae): Estruturas e fontes vegetais. *Ciência e Cultura* (São Paulo) 35(7, supl.): 478 (July) [abstract; general]
- 1983b. Química na interfase Solanaceae/Ithomiinae (Lepidoptera: Nymphalidae): Aspectos coevolutivos. *Ciência e Cultura* (São Paulo) 35(7, supl.): 513 (July) [abstract; general]
- 1983c. Dinâmica de populações e dimensões do nicho em Troitini (Lepidoptera: Papilionidae) no sudeste brasileiro. *Ciência e Cultura* (São Paulo) 35(7, supl.): 514 (July) [abstract; general]
- 1983e. Projeto "Dinâmica biológica de fragmentos florestais" (WWF/INPA) a norte de Manaus: Lepidópteros como grupos indicadores. *Ciência e Cultura* (São Paulo) 35(7, supl.): 514 (July) [abstract; general]
- 1983f. See Trigo, J. R. & K. S. Brown, Jr., 1983.
- 1984a. Species diversity and abundance in Jaru, Rondonia (Brazil). *News of the Lepidopterists' Society* 1984(3): 45-47, 2 figs., 1 tab. (May-June) [general]
- 1984b. Adult-obtained pyrrolizidine alkaloids defend ithomiine butterflies against a spider predator. *Nature* (London) 309(5970): 707-709, 3 figs., 1 tab. (21 June) [Brazil]
- 1984c. Caminhos de fluxo e utilização de alcalóides deidro-pirrolizidínicos dentro de sistemas naturais. *Ciência e Cultura* (São Paulo) 36(7, supl.): 558 (July) [abstract; Danainae, Ithomiinae]
- 1984d. Coevolução: confrontação de filogenias genéricas dos Ithomiinae (Lepidoptera: Nymphalidae) e das plantas hospedeiras das suas larvas indica colonização e não diversificação paralela. *Ciência e Cultura* (São Paulo) 36(7, supl.): 611 (July) [abstract; general]
- 1984e. See Lovejoy, T. E. et al., 1984.
- 1984f. See Suomalainen, E. & K. S. Brown, Jr., 1984.
- 1985a. See Sheppard, P. M. et al., 1985.
- 1985b. Chemical ecology of dehydropyrrolizidine alkaloids in adult Ithomiinae (Lepidoptera: Nymphalidae). *Revista Brasileira de Biologia* 44(4): 435-468, 11 figs., 3 tabs. ("November 1984", 10 June 1985) [general]
- 1985c. Dinâmica de comunidades de borboletas (Lepidoptera: Papilionoidea) em floresta contínua, perturbada e fragmentada na Amazônia central. *Resumos XII Congresso brasileiro de Zoologia* (Campinas), pp. 147-148. [general; Brazil]
- 1985d. See Oliveira, E. G. de et al., 1985.
- 1986a. Zone 13. South America, pp. 37-38. In: 1985 Season Summary. *News of the Lepidopterists' Society* 1986(2): 13-38 (March-April) [general]
- 1986b. Características biogeográficas da região do Pantanal matogrossense: análise de avifauna e lepidopterofauna. *Resumos XIII Congresso brasileiro de Zoologia* (Cuiabá), p. 265. [general; Brazil]
- 1986c. See Lovejoy, T. E. et al., 1986.
- 1986d. See Otero, L. S. & K. S. Brown, Jr., 1986.
- 1986e. *Eto-ensaio: elemento fundamental no estudo da ecologia química das interações entre plantas tóxicas, insetos aposemáticos e seus predadores*, pp. 21-34, 5 figs., 1 tab. In: *Anais do III Encontro Paulista de Etologia*. Ribeirão Preto. [Danainae, Ithomiinae]
- 1987a. *Biogeografia e conservação das florestas atlântica e amazônica brasileiras*, pp. 85-92, 2 tabs. In: *Desenvolvimento econômico e impacto ambiental em áreas de trópico úmido brasileiro. A experiência da CVRD*. Rio de Janeiro. (July) [general]
- 1987b. *Biogeography and evolution of Neotropical butterflies*, pp. 66-104, 20 figs., 1 tab. In: Whitmore, T. C. & G. T. Prance (Eds.), *Biogeography and Quaternary History in Tropical America*. Oxford, Clarendon Press. [13 August] [general]
- 1987c. *Conclusions, synthesis, and alternative hypotheses*, pp. 175-196, 7 figs. In: Whitmore, T. C. & G. T. Prance (Eds.), *Biogeography and Quaternary History in Tropical America*. Oxford, Clarendon Press. [13 August] [general]
- 1987d. See Drummond, B. A., III & K. S. Brown, Jr., 1987.
- 1987e. Chemistry at the Solanaceae/Ithomiinae interface. *Annals of the Missouri botanical Garden* 74(2): 359-397, 12 figs., 6 tabs. ([29 September]) [general; host plants]
- 1987f. *Zoogeografia da região do Pantanal Mato-Grossense*, pp. 137-178, 6 figs., 6 tabs. In: *Anais do Iº Simpósio sobre Recursos Naturais e Sócio-Econômicos do Pantanal*. Brasília, Embrapa, DDT. [general; Brazil]
- 1988a. The butterflies of Costa Rica and their natural history: Papilionidae, Pieridae, Nymphalidae, by Philip J. DeVries. *Journal of the Lepidopterists' Society* 42(3): 240-244 (30 August) [general; book review]
- 1988b. See Aiello, A. & K. S. Brown, Jr., 1988.
- 1988c. Mimicry, aposematism and crypsis in Neotropical Lepidoptera: the importance of dual signals. *Bulletin de la Société zoologique de France* 113(1): 83-119, 11 figs., 3 tabs. [general]
1989. Zone 13. South America, pp. 35-37. In: 1988 Season Summary. *News of the Lepidopterists' Society* 1989(2): 13-37 (March-April) [general; host plants; Colombia, Venezuela, Brazil]
1990. See Trigo, J. R. & K. S. Brown, Jr.
- 1991a. Neotropische Segelfalter: ihre Praeimaginalstadien nebst Beschreibung einer neuen Gattung *Mimoides* n. gen. (Papilionidae: Graphiini). *Entomologische Zeitschrift* 101(20): 373-392, 55 figs., 1 tab. (15 October), (21): 399-401 (22 October) [general]
- 1991b. *Conservation of Neotropical environments: Insects as indicators*, pp. 349-404, 13 figs., 6 tabs. In: Collins, N. M. & J. A. Thomas (Eds.), *The Conservation of Insects and their Habitats*. London, Academic Press. [general]
- 1991c. See Scriber, J. M. et al., 1991.
- 1991d. See Trigo, J. R. et al., 1991.
- 1992a. See Morais, A. B. B. de & K. S. Brown, Jr., 1992.
- 1992b. *Borboletas da Serra do Japi: Diversidade, habitats, recursos alimentares e variação temporal*, pp. 142-187, 18 figs. In: Morellato, L. P. C. (Ed.), *História natural da Serra do Japi. Ecologia e preservação de uma área florestal no Sudeste do Brasil*. Campinas, Editora da Unicamp/Fapesp. [general]
- 1992c. Insects feeding on *Rollinia* and *Annona* species. *Mono-graph. Flora neotropica* 57: 46-51, figs. 34-37, tab. 4 (12 December) [general; host plants; Central and South America]
- 1993a. Neotropical Lycaenidae: an overview. *Occasional Paper of the IUCN Species Survival Commission* 8: 45-61, 3

- figs., 3 tabs. [general]
- 1993b. Selected Neotropical species. *Occasional Paper of the IUCN Species Survival Commission* 8: 146-149, 2 figs. [Lycaenidae]
- 1993c. Neotropical Lycaenidae endemic to high elevations in SE Brazil. *Occasional Paper of the IUCN Species Survival Commission* 8: 150. [general]
- 1993d. Riodininae: Amazonian genera with most species very rare or local. *Occasional Paper of the IUCN Species Survival Commission* 8: 151. [general]
- 1993e. Theclinae endemic to the Cerrado vegetation (central Brazil). *Occasional Paper of the IUCN Species Survival Commission* 8: 152. [general]
- 1993f. See Rodrigues, J. J. S. et al., 1993.
- 1994a. See Tyler, H. A. et al., 1994.
- 1994b. See Trigo, J. R. et al., 1994.
1995. See Emmel, T. C. et al., 1995.
- 1996a. See Trigo, J. R., K. S. Brown, Jr., S. A. Henriques et al., 1996.
- 1996b. See Trigo, J. R., K. S. Brown, Jr. L. Witte et al., 1996.
- 1996c. Conservation of threatened species of Brazilian butterflies. *Decline and Conservation of Butterflies in Japan* 3: 45-62, 6 figs., 3 tabs. (30 June) [general]
- 1996d. The use of insects in the study, inventory, conservation and monitoring of biological diversity in Neotropical habitats, in relation to traditional land use systems. *Decline and Conservation of Butterflies in Japan* 3: 128-149, 5 figs., 2 tabs. (30 June) [general]
- 1996e. *Diversity of Brazilian Lepidoptera: history of study, methods for measurement, and use as indicator for genetic, specific and system richness*, pp. 221-253, 4 figs., 4 tabs. In: Bicudo, C.E. de M. & N.A. Menezes (Eds.), *Biodiversity in Brazil. A first approach*. São Paulo, Instituto de Botânica/CNPq. [general]
- 1996f. See Freitas, A. V. L. et al., 1996.
- 1997a. See Freitas, A. V. L., K. S. Brown, Jr. et al., 1997.
- 1997b. Diversity, disturbance, and sustainable use of Neotropical forests: insects as indicators for conservation monitoring. *Journal of Insect Conservation* 1(1): 25-42, 4 figs., 3 tabs. [general]
- 1997c. See Mielke, O. H. H. et al., 1997.
- 1997d. *Insetos como rápidos e sensíveis indicadores de uso sustentável de recursos naturais*, pp. 143-155. In: Martos, H. L. & N. B. Maia (Eds.), *Indicadores ambientais*. Sorocaba, Pontifícia Universidade Católica [general; Brazil]
- 1998a. See Mielke, O. H. H. & K. S. Brown, Jr., 1998a.
- 1998b. See Mielke, O. H. H. & K. S. Brown, Jr., 1998b.
- 1998c. See Casagrande, M. M. et al., 1998a.
- 1998d. See Casagrande, M. M. et al., 1998b.
- 1998e. See Casagrande, M. M. et al., 1998c.
- 1998f. See Casagrande, M. M. et al., 1998d.
- 1998g. See Mielke, O. H. H. & K. S. Brown, Jr., 1998c.
- 1998h. See Mielke, O. H. H. & K. S. Brown, Jr., 1998d.
- 2000a. *Insetos indicadores da história, composição, diversidade e integridade de matas ciliares*, pp. 223-232, 2 tabs., 2 figs. In: Rodrigues, R. R. & H. de F. Leitão Filho (Eds.), *Matas ciliares. Conservação e recuperação*. São Paulo, Editora da Universidade de São Paulo. [general; Brazil]
- 2000b. See Klitzke, C. F. & K. S. Brown, Jr., 2000.
- 2000c. See Otero, L. S. et al., 2000.
2001. See Freitas, A. V. L. & K. S. Brown, Jr., 2001.
- 2002a. See Freitas, A. V. L. et al., 2002a.
- 2002b. See Freitas, A. V. L. & K. S. Brown, Jr., 2002.
- 2002c. See Freitas, A. V. L. et al., 2002b.
- 2003a. See Freitas, A. V. L. et al., 2003.
- 2003b. See Raimundo, R. L. G. et al., 2003.
- 2004a. See Uehara-Prado, M. et al., 2004.
- 2004b. See Freitas, A. V. L. & K. S. Brown, Jr., 2004.
- 2004c. See Schulz, S. et al., 2004.
- 2005a. See Freitas, A. V. L. & K. S. Brown, Jr., 2005.
- 2005b. See Uehara-Prado, M. et al., 2005.
- 2005c. *Geologic, evolutionary, and ecological bases of the diversification of Neotropical butterflies: Implications for conservation*, pp. 166-201, 7 figs., 7 tabs. In: Bermingham, E. P., C. W. Dick & C. Moritz (Eds.), *Tropical rainforests. Past, present & future*. Chicago, The University of Chicago Press (2 August) [general]
- 2005d. See Francini, R. B. et al., 2005.
2006. See Emery, E. de O. et al., 2006.
2007. See Uehara-Prado, M. et al., 2007.
- 2008a. See Silva-Brandão, K. L. et al., 2008a.
- 2008b. See Canuto, J. Z. et al., 2008.
- 2008c. See Azevedo, C. O. et al., 2008.
- 2008d. See Freitas, A. V. L. & K. S. Brown, Jr., 2008a.
- 2008e. See Ribeiro, D. B. et al., 2008.
- 2008f. See Freitas, A. V. L. & K. S. Brown, Jr., 2008b.
- 2010a. See Monteiro, R. F. et al., 2010.
- 2010b. See Duarte, M. et al., 2010.
- 2010c. See Ribeiro, D. B. et al., 2010.
2012. See Ribeiro, D. B. et al., 2012.
- 2013a. See Iserhard, C. A. et al., 2013.
- 2013b. See Saura, A. et al., 2013.
- 2013c. See Moraes, A. B. B. de et al., 2013.
2016. See Freitas, A. V. L. et al., 2016c.
2018. See Santos, J. P. dos et al., 2018.
- 2019a. See Santos, J. P. dos et al., 2019.
- 2019b. See Freitas, A. V. L. et al., 2019c.
- Brown, Keith Spalding, Jr., and Aziz Nacib Ab'Sáber**
1979. Ice-age forest refuges and evolution in the Neotropics: Correlation of paleoclimatological, geomorphological and pedological data with modern biological endemism. *Paleoclimas* (São Paulo) 5: 1-30, 12 figs. [Heliconiini, Ithomiinae; biogeography]
- Brown, Keith Spalding, Jr., and Woodruff Whitman Benson**
1974. Adaptive polymorphism associated with multiple Mullerian mimicry in *Heliconius numata* (Lepid. Nymph.). *Biotropica* 6(4): 205-228, 6 figs., 5 tabs., 4 graphs (December) [general]
- 1975a. The Heliconians of Brazil (Lepidoptera: Nymphalidae). Part VI. Aspects of the biology and ecology of *Heliconius demeter*, with description of four new subspecies. *Bulletin of the Allyn Museum* 26: 1-19, 23 figs., 1 map (28 February) [general; *H. d. turneri*, *H. d. terrasanta*, *H. d. ulysses*, *H. d. zikani*; egg, larva, pupa; mimicry; behavior]
- 1975b. West Colombian biogeography, notes on *Heliconius hecalesia* and *H. sapho* (Nymphalidae). *Journal of the Lepidopterists' Society* 29(4): 199-212, 21 figs. (24 November) [general; new subspecies: *H. h. ernestus*, *H. s. chocoensis*; larva, pupa; host plant; Mexico, Central and South America]
1977. Evolution in modern Amazonian non-forest islands: *Heliconius hermathena*. *Biotropica* 9(2): 95-117, 10 figs., 1 tab. (June) [general; new subspecies: *H. h. sheppardi*, *H. h. duckei*; egg, larva, pupa, imago; host plants; behavior; ecology; Brazil]
- Brown, Keith Spalding, Jr., and George G. Brown**
1992. *Habitat alteration and species loss in Brazilian forests*, pp. 119-142, 6 figs., 4 tabs. In: Whitmore, T. C. & J. A. Sayer (Eds.), *Tropical deforestation and species extinction*. London, Chapman & Hall. [general]
- Brown, Keith Spalding, Jr., and Romualdo Ferreira D'Almeida**
1970. The Ithomiinae of Brazil (Lepidoptera: Nymphalidae). II. A new genus and species of Ithomiinae with comments on

- the tribe Dircennini d'Almeida. *Transactions of the American Entomological Society* 96: 1-18, 27 figs., 1 tab., 1 map (25 March) [general; *Ceraticada canaria*; bionomics; behavior; egg, larva, pupa, imago]
- Brown, Keith Spalding, Jr., Antoni J. Damman and Paul P. Feeny**  
1981. Troidine swallowtails (Lepidoptera: Papilionidae) in South-eastern Brazil: Natural history and foodplant relationships. *Journal of Research on the Lepidoptera* 19(4): 199-226, 11 figs., 3 tabs. (1 December) [general]
- Brown, Keith Spalding, Jr., and Célio A. A. Domingues**  
1970. A distribuição do amino-ácido 3-hidroxi-L-quinurenina nos lepidópteros. *Anais da Academia Brasileira de Ciências* 42(Supl.): 211-215 (30 December) [general; Neotropics]
- Brown, Keith Spalding, Jr., Thomas Chadbourne Emmel, Peter Jaap Eliazar and Esko Suomalainen**  
1992. Evolutionary patterns in chromosome numbers in Neotropical Lepidoptera. I. Chromosomes of the Heliconiini (Family Nymphalidae: Subfamily Nymphalinae). *Hereditas* 117(2): 109-125, 157 figs., 1 tab. [general]
- Brown, Keith Spalding, Jr., and Francisco José Fernández**  
1985. Los Heliconiini (Lepidoptera, Nymphalidae) de Venezuela. *Boletín de Entomología Venezolana* (N.S.) 3(4): 29-73, 2 + 241 figs., 43 maps ("4 December 1984", 15 June 1985) [general; new subspecies: *Eueides lybia orinocensis*, *E. l. otelloi*, *E. l. salcedoi*, *Neruda metharme makirtare*, *Heliconius burneyi skinneri*, *H. ethilla yuruani*, *H. cydno gadouae*, *H. melpomene anduzei*, *H. erato lichyi*, *H. hermathena renatae*, *H. hecalesia romeroi*]
- Brown, Keith Spalding, Jr., and Ronaldo Bastos Francini**  
1990. Evolutionary strategies of chemical defense in aposematic butterflies: cyanogenesis in Asteraceae-feeding American Acraeinae. *Chemoecology* 1(2): 52-56, 1 fig., 2 tabs. (August) [general; host plants]
- Brown, Keith Spalding, Jr. and André Victor Lucci Freitas**  
1994. Juvenile stages of Ithomiinae: Overview and systematics (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 5(1): 9-20, 10 figs., 1 tab. ("31 May", [17 June]) [general; new genera: *Ollantaya*, *Talamancana*; eggs, larvae, pupae; host plants; Neotropics]
1999. *Lepidoptera*, pp. 225-243, 3 tabs., 2 maps. In: Brandão, C. R. F. & E. M. Cancellato (Eds.), *Biodiversidade do Estado de São Paulo. Síntese do conhecimento ao final do século XX. 5: Invertebrados terrestres*. São Paulo, FAPESP. xviii + 279 pp. [general; Brazil]
2000. Diversidade de Lepidoptera em Santa Teresa, Espírito Santo. *Boletim do Museu de Biologia Mello Leitão* (N.S.) 11/12: 71-116, 10 figs., 6 tabs. (December) [general; Brazil]
- [2001]. Atlantic forest butterflies: Indicators for landscape conservation. *Biotropica* 32(4b): 934-956, 3 figs., 7 tabs. ("2000", [March 2001]) [general; Brazil]
2002. *Diversidade biológica no Alto Juruá: Avaliação, causas e manutenção*, pp. 33-42, pls. 13-16. In: Cunha, M. C. da & M. B. de Almeida (Eds.), *Enciclopédia da Floresta. O Alto Juruá: Práticas e conhecimentos das populações*. São Paulo, Companhia das Letras (May) [general; conservation; Brazil]
2003. Butterfly communities of urban forest fragments in Campinas, São Paulo, Brazil: Structure, instability, environmental correlates, and conservation. *Journal of Insect Conservation* 6(4): 217-231, 4 figs., 3 tabs. ("December 2002"; 2003) [general]
- Brown, Keith Spalding, Jr., André Victor Lucci Freitas, Barbara von Schoultz, Anja O. Saura and Anssi Saura**  
2007b. Chromosomal evolution of South American frugivorous butterflies in the satyroid clade (Nymphalidae: Charaxinae, Morphinae and Satyrinae). *Biological Journal of the Linnean Society* 92(3): 467-481, 1 fig., 2 tabs. (November; published online 17 October) [general]
- Brown, Keith Spalding, Jr., André Victor Lucci Freitas, Niklas Wahlberg, Barbara von Schoultz, Anja O. Saura and Anssi Saura**  
2007a. Chromosomal evolution in the South American Nymphalidae. *Hereditas* 144(4): 137-148, 1 fig., 1 tab. (September; published online 10 July) [general]
- Brown, Keith Spalding, Jr., and David R. Gifford**  
2002. *Lepidoptera in the cerrado landscape and the conservation of vegetation, soil, and topographical mosaics*, pp. 201-222, 3 figs., 3 tabs. In: Oliveira, P. S. & R. J. Marquis (Eds.), *The cerrados of Brazil. Ecology and natural history of a neotropical savanna*. New York, Columbia University Press. [general]
- Brown, Keith Spalding, Jr. and Silvana Aparecida Henriques**  
1991. *Chemistry, co-evolution, and colonisation of Solanaceae leaves by ithomiine butterflies*, pp. 51-68, 6 figs., 4 tabs. In: Hawkes, J. G., R. N. Lester, M. Nee & N. Estrada (Eds.), *Solanaceae III: Taxonomy, Chemistry, Evolution*. London, Linnean Society of London. [general; host plants]
- Brown, Keith Spalding, Jr., and Helmuth Karl Wilhelm Holzinger**  
1973. The heliconians of Brazil (Lepidoptera, Nymphalidae). Part IV. Systematics and biology of *Eueides tales* Cramer, with description of a new subspecies from Venezuela. *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 24(1/2): 44-65, 2 pls., 2 tabs., 1 map (December) [general; *E. t. franciscus*; mimicry; behavior; genetics; host plants; eggs, larvae, pupae, imagines; distribution]
- Brown, Keith Spalding, Jr., and Roger William Hutchings**  
1997. *Disturbance, fragmentation, and the dynamics of diversity in Amazonian forest butterflies*, pp. 91-110, 6 figs., 4 tabs. In: Laurance, W. F. & R. O. Bierregaard, Jr. (Eds.), *Tropical Forest Remnants. Ecology, management and conservation of fragmented communities*. Chicago, The University of Chicago Press. [general]
- Brown, Keith Spalding, Jr., Clécio Fernando Klitzke, Carina Berlingeri and Paulo Eusébio Rubbo dos Santos**  
1995. *Neotropical swallowtails: Chemistry of food plant relationships, population ecology, and biosystematics*, pp. 405-445, 9 figs., 4 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- Brown, Keith Spalding, Jr., and Olaf Hermann Hendrik Mielke**  
1967a. Lepidoptera of the Central Brazil Plateau. I. Preliminary list of Rhopalocera: Introduction, Nymphalidae, Libytheidae. *Journal of the Lepidopterists' Society* 21(2): 77-106, 4 figs., 2 maps (26 May) [general; ecology]
- 1967b. Lepidoptera of the Central Brazil Plateau. I. Preliminary list of Rhopalocera (continued): Lycaenidae, Pieridae, Papilionidae, Hesperidae. *Journal of the Lepidopterists' Society* 21(3): 145-168 (21 August) [general; ecology]
1968. Lepidoptera of the Central Brazil Plateau. III. Partial list for the Belo Horizonte area, showing the character of the south-eastern "blend zone". *Journal of the Lepidopterists' Society* 22(3): 147-157, 1 map (20 August) [general; ecology]
1972. The heliconians of Brazil (Lepidoptera: Nymphalidae). Part II. Introduction and general comments, with a supplementary revision of the tribe. *Zoologica* (New York) 57(1): 1-40, 6 pls., 12 figs., 1 map (11 September) [general; zoogeography; behavior; morphology]

- 1998a. *Parides panthonus jaguaræ* (Foetterle, 1902), pp. 512-514, fig. 47, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998b. *Parides burchellanus* (Westwood, 1872), pp. 515-517, fig. 33, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998c. *Tithorea harmonia caissara* (Zikán, 1941), pp. 529-531, fig. 37, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [host plants; Brazil]
- 1998d. *Hypoleria fallens* (Haensch, 1905), pp. 532-533, fig. 39, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [host plants; Brazil]
- 1998e. *Hyaliris leptalina leptalina* (C. Felder & R. Felder, 1865), pp. 534-536, fig. 38, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998f. *Hyaliris fiametta* (Hewitson, 1852), pp. 537-538, fig. 44, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998g. *Heliconius nattereri* C. Felder & R. Felder, 1865, pp. 539-541, fig. 42, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [host plant; Brazil]
- 1998h. *Prepona deiphile* (Godart, [1824]), pp. 546-548, fig. 41, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998i. *Agrias claudina godmani* Fruhstorfer, 1895, pp. 549-550, fig. 40, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [host plant; Brazil]
- 1998j. *Magnastigma julia* Nicolay, 1977, pp. 551-552, fig. 35, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998k. *Cyanophrys berthia* (Jones, 1912), pp. 553-555, fig. 45, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998l. *Arawacus aethesa* (Hewitson, 1867), pp. 556-557, fig. 34, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998m. *Nirodia belphegos* Westwood, [1851], pp. 558-559, fig. 36, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- Brown, Keith Spalding, Jr., Olaf Hermann Hendrik Mielke and Heinz Ebert**
1970. Os Ithomiinae do Brasil. I: *Prittwitzia* g. n. para *Ithomyia hymenaea* Prittwitz e suas subespécies (Lepidoptera, Nymphalidae). *Revista brasileira de Biologia* 30(2): 269-273, 10 figs. (July) [general; new subspecies: *P. h. caucana*, *P. h. centralis*; South America]
- Brown, Keith Spalding, Jr., and Luiz Soledade Otero**
1986. Biologia e ecologia de duas borboletas (Papilionidae) ameaçadas de extinção, da costa fluminense. *Resumos XIII Congresso brasileiro de Zoologia* (Cuiabá), p. 74. [*Parides ascanius* (Cramer), *Graphium lysithous harrisianus* (Swainson); Brazil]
- Brown, Keith Spalding, Jr., Barbara von Schoultz, Anja O. Saura and Anssi Saura**
2012. Chromosomal evolution in the South American Riodinidae (Lepidoptera: Papilionoidea). *Hereditas* 149(4): 128-138, 1 fig., 3 tabs. (August; published online 21 August) [general]
- Brown, Keith Spalding, Jr., Barbara von Schoultz and Esko Suomalainen**
2004. Chromosome evolution in Neotropical Danainae and Ithomiinae (Lepidoptera). *Hereditas* 141(3): 216-236, 78 figs., 8 tabs. (December) [general]
- Brown, Keith Spalding, Jr., Philip Macdonald Sheppard and John Richard George Turner**
1974. Quaternary refugia in tropical America: evidence from race formation in *Heliconius* butterflies. *Proceedings of the royal Society of London* (B) 187(1088): 369-378, 5 figs. (5 November) [general]
- Brown, Keith Spalding, Jr., and Esko Suomalainen**
1985. Evolução e variação cromossômicas nos Heliconiini (Lepidoptera: Nymphalinae) e o caso especial do gênero primitivo *Philaethria*. *Resumos XII Congresso brasileiro de Zoologia* (Campinas), p. 105.
- Brown, Keith Spalding, Jr., and José Roberto Trigo**
- 1995a. Multi-level complexity in the use of plant allelochemicals by aposematic insects. *Chemoecology* 5/6(3/4): 119-126, 2 figs. ("September 1994"; 1995) [general; host plants]
- 1995b. *The ecological activity of alkaloids*, pp. 227-354, 26 figs., 12 tabs. In: Cordell, G.A. (Ed.), *The Alkaloids*. Vol. 47. New York, Academic Press, Inc. [general; host plants]
- Brown, Keith Spalding, Jr., José Roberto Trigo, Ronaldo Bastos Francini, Silvana Aparecida Henriques, Ana Beatriz Barros de Moraes, Paulo Cesar Motta, Clécio Fernando Klitzke and Márcio Zikán Cardoso**
1990. *Chemical ecology at the interface between medicinal plants and aposematic Lepidoptera*, pp. 21-29, 5 figs. In: Garbarino, J. (Ed.), *Química de Productos Naturales y Ecología*. Valparaíso, Third World Academy of Sciences. [general]
- Brown, Keith Spalding, Jr., José Roberto Trigo, Ronaldo Bastos Francini, Ana Beatriz Barros de Moraes and Paulo Cesar Motta**
1991. *Aposematic insects on toxic host plants: coevolution*,

- colonization, and chemical emancipation, pp. 375-402, 9 figs., 6 tabs. In: Price, P. W., T. W. Lewinsohn, G. W. Fernandes & W. W. Benson (Eds.), *Plant-animal interactions. Evolutionary Ecology in Tropical and Temperate Regions*. New York, John Wiley & Sons, Inc. [general]
- Brown, Keith Spalding, Jr., José Roberto Trigo, Clécio Fernando Klitzke, Paulo Eusébio Rubbo dos Santos, Ronaldo Bastos Francini, Silvana Aparecida Henriques and Márcio Zikán Cardoso**
1991. *Chemical ecology and coevolution at the insect/plant interface: Methods, bioassays, results and applications*, pp. 2-5, 1 tab. In: Habermehl, G. (Ed.), *2. Brasilianisch-Deutsches Symposium für Naturstoffchemie*. Hannover, Forschungszentrum Jülich GmbH. [general]
- Brown, Keith Spalding, Jr., José Roberto Trigo, Paulo Cesar Motta, Ronaldo Bastos Francini, Ana Beatriz Barros de Morais, Silvana Aparecida Henriques, Clécio Fernando Klitzke and Márcio Zikán Cardoso**
1990. *Medicinal host plants of aposematic butterflies: Coevolutionary tendencies at a chemically unstable interface*, pp. 27-45, 7 figs., 2 tabs. In: Niemeyer, H. M. (Ed.), *Report on the Workshop on Chemical Interactions Between Organisms*. Stockholm, International Foundation for Science. [general]
- Brown, Keith Spalding, Jr., and João Vasconcellos, Neto**
1976. Predation on aposematic ithomiine butterflies by tanagers (*Pipraeidea melanonota*). *Biotropica* 8(2): 136-141, 5 figs. (June) [Brazil]
- Brown, Larry Nelson** [1937- ]
- 1973a. Populations of a new swallowtail butterfly found in the Florida Keys. *Florida Naturalist* 46(2): 25, 1 fig. (April) [*Papilio andraemon bonhotei* (Sharpe); Bahamas]
- 1973b. Populations of *Papilio andraemon bonhotei* Sharpe and *Papilio aristodemus ponceanus* Schaus (Papilionidae) in Biscayne National Monument, Florida. *Journal of the Lepidopterists' Society* 27(2): 136-140 (16 May) [Bahamas]
- Brown, Lily R.**
1959. See Bocanegra, S. et al., 1959.
- Brown, Philip**
2015. See Whitworth, A. et al., 2015.
- Brown, Sarah G.**
2007. See Yack, J. E. et al., 2007a.
- Brown, Thomas** [1785-1862]
1832. *The book of butterflies, sphinxes and moths; illustrated by ninety-six engravings, coloured after nature*. London, Whittaker, Treacher, and Co.; Edinburgh, Waugh & Innes. 1: i-xxxviii, 39-216, pls. 1-60, figs. [Ed. 2, 1834] [general]
1834. *The book of butterflies, sphinges, and moths; illustrated by one hundred and forty-four engravings, coloured after nature*. London, Whittaker & Co.; Edinburgh, Waugh & Innes. 3: i-ix, [9]-222, pls. 1-48, figs. [general; South America]
- Brown, Vernon Kenneth** [1929- ], and **John H. Lawton**
1991. Herbivory and the evolution of leaf size and shape. *Philosophical Transactions of the royal Society of London* (B) 333(1267): 265-272 (29 August) [*Heliconius*]
- Brown, W. Vance**
1985. See Rothschild, M. L. et al., 1985.
1990. See Moore, B. P. et al., 1990.
- Brown, William Louis, Jr.** [1922-1997]
1957. Centrifugal speciation. *Quarterly Review of Biology* 32(3): 247-277, 10 figs. (September) [general; distribution; host plants; Neotropics]
- Browne, Patrick** [1720-1790]
1756. *The civil and natural history of Jamaica. In three parts. Containing. I. An accurate description of that island, its situation, and soil; with a brief account of its former and present state, government, revenues, produce, and trade. II. An history of the natural productions, including the various sorts of native fossils; perfect and imperfect vegetables; quadrupeds, birds, fishes, reptiles, and insects; with their properties and uses in mechanics, diet, and physic. III. An account of the nature of climates in general and their different effects upon the human body; with a detail of the diseases arising from this source, particularly within the tropics. In three dissertations. The whole illustrated with fifty copper-plates: In which the most curious productions are represented of the natural size, and delineated immediately from the objects*. London, Author. [i-iii], i-viii, 1-503, pls. 1-49, 1 map (10 March) [general]
1789. *The civil and natural history of Jamaica. Containing. I. An accurate description of that island, its situation, and soil; with a brief account of its former and present state, government, revenues, produce, and trade. II. An history of the natural productions, including the various sorts of native fossils; perfect and imperfect vegetables; quadrupeds, birds, fishes, reptiles, and insects; with their properties and uses in mechanics, diet, and physic*. London, B. White and Son. [6] + viii + 503 + [46] pp., 49 pls., 1 map. ([16 November]) [Ed. 2] [general]
- Bruce-Jones, Peter**
2002. Butterfly watching in Venezuela with Andrew Neild, Oct/Nov, 2000. *News of the Lepidopterists' Society* 44(2): 39-40, 42-43, 8 figs. (15 July), (3): 75-76, 86-87, 7 figs. (15 November) [general]
- Bruch, Carlos** [1869-1943]
1926. Orugas mirmecófilas de *Hameris* [sic] *epulus signatus* - Stich. *Revista de la Sociedad entomológica argentina* 1(1): 2-9, pls. 1-3, figs. (30 June) [larva, pupa, imago; Argentina]
- Bruckner, Cláudio Horst**
2000. See Moura, M. F. de et al., 2000.
- Brücher, Guillermo** [1914-2007]
1942. Lista de algunos nombres vulgares de insectos. *Boletín del Departamento de Sanidad vegetal. Ministerio de Agricultura* (Santiago de Chile) 2(2): 120-125 (July-December) [general; Chile]
- Brückmann, Markus, José Roberto Trigo, Mary Ann Foglio and Thomas Hartmann**
2000. Storage and metabolism of radioactively labeled pyrrolizidine alkaloids by butterflies and larvae of *Mechanitis polymnia* (Lepidoptera, Nymphalidae, Ithomiinae). *Chemoecology* 10(1): 25-32, 8 figs. (March) [*M. p. casabranca* Haensch; host plant; Brazil]
- Brüel, Ludwig** [1871-1949]
1932. Über Begriff und Erklärung der Mimikry. *Biologisches Zentralblatt* 52(1): 13-42. [general; Neotropics]
- Brügger, Bruno Pandelo**
2016. See Rodríguez-Dimaté, F. A. et al., 2016.
- Brühl, Carsten A.**
2011. See Laurance, W. F. et al., 2011.
- Brues, Charles Thomas** [1879-1955]
1920. The selection of food-plants by insects, with special reference to lepidopterous larvae. *American Naturalist* 54(633): 313-332 (July-August) [general]
1941. Photographic evidence on the visibility of color patterns in butterflies to the human and insect eye. *Proceedings of the american Academy of Arts and Sciences* 74(8): 281-285, pls. 1-2, 1 fig. (October) [general; mimicry]
- Brues, Charles Thomas, and Axel Leonard Melander**
1932. Classification of insects. A key to the known families of insects and other terrestrial arthropods. *Bulletin of the*

- Museum of comparative Zoology at Harvard College* 73: 1-672, [1] + 1121 figs. (January) [general]
- Brues, Charles Thomas, Axel Leonard Melander and Frank Morton Carpenter**  
1954. Classification of insects. Keys to the living and extinct families of insects, and to the living families of other terrestrial arthropods. *Bulletin of the Museum of comparative Zoology at Harvard College* 108: i-v, 1-917, 1219 figs. (March) [general]
- Bruford, Michael W.**  
2019. See Stanton, D. W. G. et al., 2019.
- Brugiolo, Sonia Sin Singer**  
2015. See Pereira, L. L. et al., 2015.
- Brugnoni, Héctor C.**  
1980. *Plagas forestales. Zoofitófagos que atacan las principales especies forestales naturales y cultivadas en la República Argentina*. Buenos Aires, Editorial Hemisferio Sur S. A. xiii + 216 pp., 101 figs. (September) [*Phocides polybius phanias* (Burmeister); host plant]
- Brûlé, Stéphane**  
2017. See Faynel, C. et al., 2017.
- Brun, Philippe G.**  
1983. See Moraes, G. W. G. de et al., 1983.
- Brun, Philippe G., Ney Eni Demas Carnevalli, J. L. Pedersolli, C. M. Ribeiro and George Washington Gomez de Moraes**  
1977. Importance de *Trichogramma* sp. [Hym.: Trichogrammatidae] dans la biocoenose d'*Euselasia eucerus* [Lep.: Riodinidae] ravageur de l'eucalyptus. *Entomophaga* 22(2): 193-198. [parasitoids; Brazil]
- Bruner, Stephen Cole [1891-1953]**  
1928. Notas sobre ciertos enemigos de la caña de azúcar. *Revista de Agricultura, Comercio y Trabajo* (La Habana) 10(3): 27-32, 9 figs. (September) [*Perichares corydon* [sic] (Fabricius); life history; Cuba]
1931. *Informe del Departamento de Entomología y Fitopatología. Ejercicio de 1929 a 1930*. La Habana, Estación Experimental Agronómica, Santiago de las Vegas. 74 pp., 14 figs. (March) [general; Cuba]
1935. La maruca y otros insectos de las habas de Lima. *Boletín. Estación experimental agronómica. Secretaría de Agricultura y Comercio* (Santiago de las Vegas) 56: 1-52, 25 figs., 6 tabs. (June) [*Goniurus proteus* (Linnaeus), *Leptotes cassius* (Cramer); life histories; Cuba]
1936. Lista de los principales insectos que atacan las plantas cultivadas en Cuba. *Revista de Agricultura* (La Habana) 19(7): 113-121, 10 figs. (July) [*Pieris phileta* (Fabricius); host plant]
1947. Notas sobre mariposas diurnas miscelánea de Cuba (Lepidoptera: Rhopalocera). *Memorias de la Sociedad Cubana de Historia Natural "Felipe Poey"* 19(1): 25-28 (20 August) [general]
- Bruner, Stephen Cole, Luis Cayetano Scaramuzza and Angel Rudesindo Otero**  
1945. *Catálogo de los insectos que atacan a las plantas económicas de Cuba*. La Habana, Ministerio de Agricultura. 246 pp., 12 pls. (September) [general; host plants; parasitoids]
1975. *Catálogo de los insectos que atacan a las plantas económicas de Cuba*. La Habana, Academia de Ciencias de Cuba, Instituto de Zoología. 403 pp., 111 figs. [Ed. 2] [general; host plants]
- Brunhuber, Juan Luis**  
1992. See Espejo, A. et al., 1992.
- Brunini, Orivaldo, and Jesus Marden dos Santos**  
1975. Comportamento de *Ascia monuste orseis* em função da temperatura do ar. *Ciência e Cultura* (São Paulo) 28(6): 681-683, 1 fig., 3 tabs. (June) [Brazil]
- Brunner, A., Jr.**  
1954. See Edwards, G. A. et al., 1954.
- Brunner von Wattenwyl, Carl [1823-1914]**  
1897. *Observations on the coloration of insects*. Leipzig, Wilhelm Engelmann. [8] + 16 pp., 9 pls. [a simultaneous edition in German] [general; mimicry]
- Bruno, F.**  
1989. See Racheli, T. & F. Bruno, 1989.
- Brunsell, Nathaniel**  
2012. See Barve, N. et al., 2012.
- Brush, Raymond**  
1960. Collecting diurnal Lepidoptera in the Lesser Antilles. *Journal of the New York entomological Society* 68(2): 101-102 (24 May) [general]
- Brust, Beth Wagner**  
1990. Butterflies. *Zoobooks* 7(9): 20 pp., figs. (June) [general]
- Bryant, A. S. A.**  
1948. Summer camp at Clydesdale. *Natural History Notes of the natural History Society of Jamaica* 3(35/36): 187-188 (December) [*Hymenitis*; Jamaica]
- Bryant, Robert S. [ -2015]**  
1992. Alternative ways to collect insects. 1. Insects on stamps. *Phaeton* 12(8): 3-4, figs. (May) [general; ethno-entomology]
1993. Alternative ways to collect insects. 3. Insects on postcards. *Phaeton* 13(8): 5-6, 8 figs. (May) [general; ethnoentomology]
1995. Alternative ways to collect insects. 4. Insects on tobacco premiums. *Maryland Entomologist* 4(1): 50-56, 40 figs. (December) [general; ethnoentomology]
- Bryk, Felix [1882-1957]**  
1913a. Über eine neue Einteilung der Papilionidae unter Berücksichtigung des Flügelgeäders. *Archiv für Naturgeschichte* (A)79(2): 116-121, 2 figs. (June) [*Baronia brevicornis* Salvin]
- 1913b. [A note]. *Internationale Entomologische Zeitschrift* 7(19): 134-135 (9 August) [general; morphology; new taxa: family Baroniidae, division Papilioniformia]
- 1913c. Eine neue Form von *Baronia brevicornis* Salv. *Archiv für Naturgeschichte* (A)79(6): 123 (September) [*B. b. aberration aureomaculata*; Mexico]
1914. Neue Parnassiiden. *Mitteilungen der münchener entomologischen Gesellschaft* 5(1/4): 26-34, 1 pl., 2 figs. (30 April) [*Baronia aureomaculata* Bryk]
- 1917a. Die entomologische Schausammlung des Stockholmer Riksmuseums, nebst Bemerkungen über das Geäder der Acraeen, über Homogryphismus der Lepidoptera, Symbiose der Flötenakazie mit Ameisen usw. *Archiv für Naturgeschichte* (A)82(3): 104-111, 1 pl., 2 figs. (June) [general]
- 1917b. Über das Abändern der Rippenkonfiguration im Genus *Parnassius* Latr. Beiträge zur Entwicklung des Rhopaloceregeäders. *Archiv für Naturgeschichte* (A)82(5): 35-74, 2 pls., 11 figs. (August) [*Baronia brevicornis* Salvin]
- 1918a. Ueber die Radialgabel des Papilioniformigeäders. *Societas entomologica* 33(5): 17-18, 1 fig. (1 May) [general; morphology]
- 1918b. Grundzüge der Sphragidologie. *Arkiv för Zoologi* 11(18): 1-38, 6 pls., 2 figs. (18 July) [*Euryades duponcheli* (Lucas); morphology]
1920. Bibliotheca sphragidologica. *Archiv für Naturgeschichte* (A)85(5): 102-183, 23 figs. (September) [general]
1921. Eine Konvergenzerscheinung im Sphragisbau von *Euryades Felder* und *Tadumia* Bryk. *Societas entomologica* 36(7): 26-27, 1 fig. (1 July) [Brazil]

1923. Baroniidae, Teinopalpidae, Parnassiidae. *Lepidopterorum Catalogus* 27: 1-247 (1 March) [Mexico]
- 1929a. Ueber die amimetischen Weibchen von *Perrhybris lypera* Koll. *Societas entomologica* 44(4): 14-15, 3 figs. (1 April) [new forms: *P. l.* form *virilis*, *P. l.* female form *transvestita*, *P. l.* female form *magnihirschfeldi*, *Dismorphia avonia columbiana* form *wernerihoppi*; Colombia]
- 1929b-30a. Papilionidae. *Lepidopterorum Catalogus* 35: 1-55 (3 June 1929); 37: 57-509 (28 February 1930); 39: 511-676 (18 October 1930) [general]
- 1930b. Monogame Einrichtungen bei Schmetterlingsweibchen. *Archiv für Frauenkunde und Konstitutionsforschung* 16(4): 308-313, 3 figs. [*Heliconius*; behavior]
1931. Eine neue Form von *Baronia*. *Parnassiana* 1(7/8): 8-9 (29 November) [*B. brevicornis* form *gehleni*; Mexico]
- 1934a. Die Legetaschen der Parnassier. *Internationale entomologische Zeitschrift* 28(8): 82-84 (22 May) [general; morphology]
- 1934b. Lepidoptera: Baroniidae, Teinopalpidae, Parnassiidae pars I. *Das Tierreich* 64: xxiii + 131 pp., 87 figs. (June) [*Baronia brevicornis* Salvin; Mexico]
- 1937a. Zur Synonymie von *Tithorea* Doubl. (Lep. Danaidae). (*Elzunia* Bryk gen. nov.). *Parnassiana* 4(3/8): 20-21 (20 February) [general]
- 1937b. *Parnassius*-Spiegel. *Parnassiana* 4(3/8):64-66 (20 February) [*Euryades*, *Eucheira socialis* Westwood; Mexico]
- 1937c. Danaidae. *Lepidopterorum Catalogus* 78: 1-432 (5 July); 80: 433-702 (18 December) [general; new names: *Hyposcada virginiana batesiana*, *Hyalyris dionaea kremkyi*, *Melinaea maelus romani*, *Mechanitis mantineus* form *forbesi*]
1944. Über die Schmetterlingsausbeute der Schwedischen wissenschaftlichen Expedition nach Patagonien 1932-1934. Report number 11 from the Ljungner Expedition 1932-1934. *Arkiv för Zoologi* 36A(3): 1-30, pls. 1-2 (6 November) [general; new taxa: *Colias vauthierii ljungneri*, *Tatochila microdice allodice*, *T. theodice flammivolans*, *Chilargynnis* (new genus) *cytheris subtusviola*, *Vanessa cardui ushuwaia*, *Cosmosatyrus chiliensis elwesi*, *Neomaenas ljungnerae*, *N. fractifascia patagonica*, *Maniola monachus sacerdos*, *Erebina* (new genus) *simplex*, *Argopteron aureipennis haywardi*, *Hylephila fulva haywardi*, *Butleria paniscoides evansi*, *B. fruticolens patagonica*, *B. tristriata*]
1947. Über die Auffindung einer unbekanntenen Linnéschen *Papilio*-Type im Riksmuseum von Stockholm (Lep.: Brassolidae). *Entomologisk Tidskrift* 68(3/4): 196-198 (1 November) [*Caligo teucer* (Linnaeus)]
1948. Daniel Solander, der ursprüngliche Besitzer des aufgefundenen Linnéschen Typus von *Papilio teucer* L. (Lep.: Brassolidae). *Opuscula entomologica* 13: 168 (31 December)
1950. Ueber einen aberrativen Schmetterling mit einem für andersartige Unterfamilie typischen Merkmal (Acraeinae). *Zeitschrift für Lepidopterologie* (Krefeld) 1(1): 41-44, 1 fig. (1 May) [general; *Actinote erinome* new form *postaperta*; Bolivia]
1953. Lepidoptera aus dem Amazonasgebiete und aus Peru gesammelt von Dr. Douglas Melin und Dr. Abraham Roman. *Arkiv för Zoologi* (N.S.) 5(1): 1-268, 9 figs. (12 August) [general; distribution; new taxa: *Papilio aeneas gabrieliensis*, *P. erlases douglasi*, *P. vertumnus diceros vertumnalis*, *P. peon peon* [sic] *perugino*, *P. zagreus zagreus* form *feminina*, *P. aristus melini*, *P. ariarathes muscae*, *Pieris pylotis* form *bahiana*, *Pereute leucodrosime bellatrix* form *sinemacula*, *Charonias eurytele peruvionias*, *C. e. p.* form *cellopura*, *Melete laria luisella* form *subtuspicta*, *Terias Eurema* [sic] *salome saba*, *Phoebis philea* form *androchroma*, *P. aphrissa* [sic] *staira staira* form *discoflava*, *Dismorphia ithomia douglasina*, *Lycorea cleobaea roqueana*, *L. c. r.* form *obliquinagra*, *L. halia minuscula*, *Ituna lamirus phenaretida*, *I. phenarete lamirida*, *Thyridia themisto felderorum*, *Tithorea pinthias melini*, *Mechanitis polymnia sancti-gabrielis*, *M. mazaesus simplex*, *M. m. holmgreni*, *M. elisa roqueensis*, *M. doryssus proceriformis*, *Xanthocleis hippodamia hippodamia* form *posticapura*, *Callithomia phagesia phagesina*, *Hypothyris ninonia completa* form *marginipura*, *H. n. luxuriosa*, *Napeogenes xanthostola heterogyna*, *N. x. h.* form *ampliusmaculata*, *N. duessa incas*, *Sais rosalia sancti-bernardi*, *Scada zibia nigrocollaris*, *S. ethica lamidia*, *S. theaphia dubia*, *S. t. junina*, *Dircenna jemima diferenciata*, *D. j. d.* form *derivata*, *D. xanthophane melini*, *Ceratinia nise gabriella*, *Hyposcada anchiala ecuadorina*, *Oleria onega liisa*, *O. tapio*, *Episcada sexpunctata*, *Hypoleria cidonia sanbernardi*, *H. c. iquitina*, *H. garleppi romani*, *Pseudoscada charlotta*, *Hypoleria* (?) *oriana orianula*, *Greta dercetes incas*, *G. polissena breviala*, *Callitaera pyreta amaryllis*, *C. pyropina roquensis*, *Haetera piera lesbia*, *H. p. l.* form *matathetica*, *Pierella astyche bernhardina*, *Antirrhoea philaretus avernus* form *interruptus*, *Euptychia hesione hesione* form *emarginata*, *E. metaleuca distinguenda*, *E. phares romanina*, *E. pharnabazos*, *E. poltys bahiana*, *E. nortia abrahami*, *E. argyropsacas*, *Oxeoschistus pronax decempunctatus*, *Bia actorion rebeli*, *Brassolis sophorae romani*, *Opsiphanes tamarindi douglasi*, *Morpho achilles roqueensis*, *M. amathonte subtusfemina*, *M. a. s.* form *cyanomarginata*, *M. menelaus offenbachi*, *Actinote melini*, *A. telpsinoe roqueensis*, *A. t. r.* form *puricella*, *Heliconius melpomene taracuanus*, *H. egeria homogena*, *H. aoede aoede* form *postalbimacula*, *H. erato estrella* form *aurivillii*, *H. e. reductimacula*, *H. e. r.* form *venusta*, *Eueides lampeto romani*, *Phyciodes teletusa douglasi*, *P. melini*, *P. eunice homogena*, *P. erebia mima*, *P. corybassa mimicry*, *P. pellenea crucifera*, *P. fenestrata derivata*, *Precis lavinia funebris*, *Victorina stelenes vilarsi*, *Megalura hermione peruura*, *M. marcella hewitsoni*, *Callizona acesta ochracea*, *Pseudonica flavilla roqueensis*, *Nessaea obrinus romani*, *Eunica amycla violascens*, *Catagramma tolima peruvicola*, *Perisama vaninka melini*, *P. euriclea hewitsoni*, *Dynamine mylitta* form *unicellata*, *Ectima liria peruviana*, *E. l. p.* form *subtusmonotona*, *E. l. p.* form *4-pupillata*, *Panacea prola amazonica* form *bronzina*, *Peridromia feronia peruviana*, *P. epinome lindmani*, *P. e. argentina*, *Doxocopa cyane mexicana*, *Zaretis itys itys* form *monops*, *Anaea nessus douglasi*, *A. grandis tuoma*, *A. magdalena elzunia*, *Crocozona fasciata* form *ovalis*, *C. f.* form *holmgreni*, *Helicopsis acis nigrobasalis* form *consppecifica*, *H. cupido manaos*, *Themone pais bambino*, *Lyropteryx apollonia musageta*, *Amarynthis meneria meneria* form *micalia*, *A. m. peruana*, *Nymphidium caricae undulata*, *Stalacthis calliope calliope* form *melini*, *Orimba staudingeri enigma*, *Eumaeus minijas* [sic] *splendidissima*, *Hyalothyris leucomelas mucida*, *Thymele fulgurator* form *discalis*, *Cecropterus aunus* form *punctisignatus*, *Dalla gelus fraterculus*, *Cycloglypha lepidozonos*, *Mionectes infernalis taracua*, *Dicrosema* (new genus) *quadri-fenestrata*, *Heliopetes alana romaniana*, *Padraona romani*, *Vinius arginote hylephila*]
1955. Zur Frage der Stellung der Dismorphiinae im Systeme. (Lepidoptera: olim Pierididae pro parte). *Entomologisk Tidskrift* 76(1): 16-19, 2 figs. (21 June) [general]

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2003. *Palast des Wissens. Die Kunst- und Wunderkammer Zar Peters des Grossen. Band 1. Katalog.* München, Hirmer Verlag. 287 pp., figs. [general; history]
- Buchanan, Handasyde**  
1979. *Nature into art. A treasury of great natural history books.* London, Weidenfeld & Nicolson. 220 pp., figs. [general]
- Buchecker, Heinrich Friedrich** [1829-1894]  
1876-[80]. *Systema entomologiae sistens insectorum classes, genera, species. Pars I. Odonata (Fabric.) europ. [sic].* München, Author. 16 + iv pp., 42 pls. [Odonata]; 2 + 46 pls. [Lepidoptera]; 8 pls. [Hymenoptera] [the butterfly plates were probably all issued in 1880] [general; Heliconiinae; new taxa: *Blanchardia*, *Heliconius ocanna*; Colombia]
- Bucheli, Sibyl Rae**  
2011. See Nieuwerkerken, E. J. van et al., 2011.
- Bucher, Enrique H.**  
1974. Observaciones ecológicas sobre los artrópodos del bosque chaqueño de Tucumán. *Revista de la Facultad de Ciencias exactas, físicas y naturales (Ciencias biológicas)* (Córdoba) 1: 35-122, 23 figs. (November) [general; Argentina]
- Buchoz, Pierre Joseph** [1731-1807]  
1771. *Histoire générale des insectes de Surinam et de toute l'Europe, contenant leurs descriptions, leurs figures, leurs différentes métamorphoses, de même que les descriptions des plantes, fleurs & fruits, dont ils se nourrissent; & sur lesquels on les trouve le plus communément; avec quelques détails sur les crapauds, lézards, serpents, araignées & autres petits animaux de Surinam, peints sur les lieux d'après nature e gravés avec soin, par Mademoiselle Marie Sybille de Merian, en deux parties in-folio. Troisième édition, revue, corrigée & considérablement augmentée.* Paris, L. C. Desnos. 1: [vii] + 72 pp., pls. 1-72, frontisp.; 2: [iii] + 72 pp., pls. [general]
- Bucio, Marcos**  
2012. See Cárdenas, C. P. et al., 2012.  
2013. See Angulo, J. T. et al., 2013.  
2016. See Domínguez, J. E. et al., 2016.
- Buckell, Francis John**  
1894. The history of butterfly classification. *Transactions of the City of London entomological and natural History Society* 1893: 47A-48A, 49-57. [general]
- Buckner, Sandra D.**  
2002. See Ruffin, J. M. & S. D. Buckner, 2002.
- Buddemeier, Robert H.**  
2002. See Peterson, A. T. et al., 2002.
- Büche, Michael**  
2008. See Attal, S. & M. Büche, 2008.  
2013. See Attal, S. & M. Büche, 2013.  
2015. See Attal, S. & M. Büche, 2015.  
2016. See Attal, S. et al., 2016.
- Buecke, Joel**  
2010. See Ribeiro, R. C. et al., 2010.
- Bueno, Reinaldo Luiz Corrêa**  
2018. See Penz, C. M. & R. L. C. Bueno, 2018.
- Bueno, Vanda Helena Paes, and Alexandre Isaac Akerman Fraga**  
1988. Parasitoides asociados a *Eueides isabella dianasa* (Cramer, 1782) (Lepidoptera: Heliconiini) em maracujazeiro e aspectos biológicos de *Tetrastichus* sp. (Hymenoptera: Eulophidae). *Turrialba* 38(2): 83-86, 3 tabs. (April-June) [Brazil]
- Bürger, Otto Wilhelm Heinrich** [1865-1945]  
1897. Bericht über eine Reise durch Columbien und Venezuela. *Nachrichten von der königlichen Gesellschaft der Wissenschaften zu Göttingen (Mathematisch-physikalische Klasse)* 1897(2): 104-147. [general]
1900. *Reisen eines Naturforschers im tropischen Südamerika.* Leipzig, Dieterich'sche Verlagsbuchhandlung Theodor Weicher. vii + 395 pp., 18 figs., 4 tabs. [Ed. 2, 1919; Ed. 3, 1923] [general; Colombia]
1909. *Acht Lehr- und Wanderjahre in Chile.* Leipzig, Dieterich'sche Verlagsbuchhandlung Theodor Weidner. xii + 410 pp., 31 + 6 figs. [Ed. 2, 1923] [general; distribution; behavior]
- Buerkle, Nathan**  
2018. See Westerman, E. L. et al., 2018.
- Bues, Christian**  
1945. Aspectos económicos varios del Valle de La Convención. *Revista universitaria. Universidad nacional del Cuzco* 33(87): 186-201 (after 13 April) [butterfly larvae as human food; Peru]
- Buestán, Jaime**  
2014. See Brito, G. A. & J. Buestán, 2014.
- Büttiker, William** [1921-2009]  
1997. Field observations on ophthalmotropic Lepidoptera in southwestern Brazil (Paraná). *Revue suisse de Zoologie* 104(4): 853-868, 9 figs., 4 tabs. (December) [*Dryas iulia* (Fabricius); Peru]
- Buff, Sheila**  
1998. *Nature's Window. Butterflies.* Kansas City, Andrews McMeel Publishing. 48 pp., figs. [general]
- Buffo, Guido** [1885-1960]  
1943. Un hermoso ejemplar de Morphidae. *El Monitor de la Educación común* (Buenos Aires) 61(837): [i]-[iii], 2 figs. ("September 1942", 1943) [*Morpho catenarius* (Perry); life history; host plant; Argentina]
- Buffon, Vanessa**  
2018. See Nardin, J. de et al., 2018.
- Bugatti, Cristina L.**  
1998. Flores y frutales que atraen a las esquivas mariposas. *Mariposas del Mundo* (Buenos Aires) 4: 10, 1 fig. (March) [general; Argentina]
- Bulguer, Sevda**  
1991. See Seven, S. & S. Bulguer, 1991.
- Bull, Vanessa**  
2002. See Beltrán, M. et al., 2002.  
2012. See Merrill, R. M. et al., 2012.
- Bull, Vanessa, Margarita Beltrán, Christopher David Jiggins, William Owen McMillan, Eldredge P. Bermingham and James Louis Borlase Mallet**  
2006. Polyphyly and gene flow between non-sibling *Heliconius* species. *BMC Biology* 4(11): 1-17, 5 figs., 6 tabs. (published online 21 April) [*H. melpomene* (Linnaeus), *H. cydno* Doubleday; Panama, French Guiana]
- Bullock, Dillman Samuel** [1878-1971]  
1934. Sobre unos lepidópteros de La Mocha. *Revista chilena de Historia natural* 38: 46-47 (after 4 October) [*Pyrameis terpsichore* Philippi; Chile]
- Bullock, Robert Crossley** [1924-2012]  
1959. Leaf-feeding caterpillars and their control. *Research Newsletter. Vining C. Dunlap Laboratories* (La Lima, Honduras) 6(3): 7-15, 4 figs. (July) [*Caligo teucer* (Linnaeus), *Opsiphanes tamarindi* variety *corrosus* Stichel, *Caligo oileus scamander* Boisduval, *Opsiphanes tamarindi* form *kleisthenes* Fruhstorfer; life histories; parasitoids; Central America, Ecuador]
- Bullock, Stephen H.**  
1990. Host records for some tropical phytophagous and parasitic insects. *Pan-Pacific Entomologist* 66(3): 252-254 (27 December) [*Battus polydamas* (Linnaeus), *Ascia*

- josephina josepha* (Salvin & Godman), *Cremna umbra* (Boisduval), *Dione juno huascuma* Reakirt; Mexico]
- Bullock, William** [ca. 1773-1849]  
1808. *A companion to the Liverpool Museum, containing a brief description of upwards of four thousand of its natural & foreign curiosities, antiquities, & productions of the fine arts, open for public inspection, in five apartments, built and fitted up for the purpose, at the house of William Bullock, Church-Street, jeweller and silversmith to his Royal Highness the Duke of Gloucester.* Hull, J. Ferraby. vii + 94 pp., frontisp., 1 pl. [Ed. 6; Ed. 1, 1801] [general South America]
- Bunning, Timothy**  
2013. See Potyrailo, R. A. et al., 2013.
- Bunt, Stuart M.**  
1974. See Gibson, C. W. D. et al., 1974.
- Bunyavejchewin, Sarayudh**  
2011. See Basset, Y. et al., 2011.  
2013. See Basset, Y. et al., 2013.
- Burd, Martin**  
1994. Butterfly wing colour patterns and flying heights in the seasonally wet forest of Barro Colorado Island, Panama. *Journal of tropical Ecology* 10(4): 601-610, 2 figs., 4 tabs. (November) [general]
- Burdekin, Oliver**  
2015. See Whitworth, A. et al., 2015.
- Burdfeld-Steel, Emily R.**  
2018. See Rojas, B. et al., 2018.  
2019. See Briolat, E. S. et al., 2019.
- Burdsall, Harold H., Jr.**  
2001. See Kliejunas, J. T. et al., 2001.
- Bureau, Thomas E.**  
2015. See Edger, P. P. et al., 2015.
- Burg, Karin R. L. van der**  
2016. See Lewis, J. J. et al., 2016.
- Burg, Noah A., Ashman Pradhan, Rebecca M. González, Emily Z. Morban, Erica W. Zhen, Watana Sakchoowong and David J. Lohman**  
2014. Inferring the provenance of an alien species with DNA barcodes: The Neotropical butterfly *Dryas iulia* in Thailand. *PLoS ONE* 9(8)(e104076): 1-7, 2 figs., 1 tab. (13 August) [Central America, Hispaniola]
- Burg, Stephanie L.**  
2018. See Parnell, A. J. et al., 2018.
- Burger, Joanna, and Michael Gochfeld**  
2001. Smooth-billed ani (*Crotophaga ani*) predation on butterflies in Mato Grosso, Brazil: risk decreases with increased group size. *Behavioral Ecology and Sociobiology* 49(6): 482-492, 5 figs., 5 tabs. (3 May) [general]
- Burgess, Ian B., Joanna Aizenberg and Marko Lončar**  
2013. Creating bio-inspired hierarchical 3D-2D photonic stacks via planar lithography on self-assembled inverse opals. *Bioinspiration & Biomimetics* 8(4)(045004): 1-5, 4 figs. (December; published online 21 November) [*Parides sesostris* (Cramer)]
- Burgess, L. W.**  
1971. Annual exhibition. *Proceedings and Transactions of the British entomological and natural History Society* 4(1): 12 (February) [*Morpho rhetenor* (Cramer); Guyana]
- Burgos, José A.**  
1972. See Martorell, L. F. et al., 1972.  
1973. See Martorell, L. F. et al., 1973.
- Burgos, José A., and Luis Felipe Martorell**  
1973. The *Calisto* (Lepidoptera: Satyridae) problem in sugarcane in the Dominican Republic. *Proceedings of the 1973 Meeting of West Indian Sugar Technologists* (Barbados), pp. 272-277, 1 fig. (May) [*C. pulchella* Lathy; life history; host plant; parasitoids]
- Burgos, María Esther**  
2006. See Domínguez, O. E. et al., 2006.  
2008. See Ramírez, R. A. et al., 2008.
- Burke, Horace R., and Robert R. Murray**  
1974. *Type-material in the Insect Collection of the Department of Entomology Texas A&M University.* College Station, Texas Agricultural Experiment Station. 14 pp. (September) [*Heliconius charitonius tuckeri* Comstock & Brown, *H. c. vaz-quezae* Comstock & Brown]
- Burks, Barnard DeWitt** [1909-1990]  
1940. Revision of the chalcid-flies of the tribe Chalcidini in America north of Mexico. *Proceedings of the United States national Museum* 88(3082): 237-354, figs. (11 June) [*Catopsilia eubule* (Linnaeus); parasitoids; Cuba]
- Burmeister, Ernst-Gerhard**  
2007. See Diler, J. & E.-G. Burmeister, 2007.
- Burmeister, Hermann Carl Conrad** [1807-1892]  
1829. *De insectorum systemate naturali.* Halle, Grunert. iv + 43 pp., 9 tabs. (4 November) [general; morphology]  
[1836]. *Handbuch der Naturgeschichte. Zum Gebrauch bei Vorlesungen.* Berlin, Theodor Chr. Friedrich Enslin. [2] + xxvi + 858 pp. ("1837"; [23 December 1836]) [general]  
1853. *Reise nach Brasilien, durch die Provinzen von Rio de Janeiro und Minas geraës. Mit besonderer Rücksicht auf die Naturgeschichte der Gold- und Diamantendistricte.* Berlin, Georg Reimer. viii + 608 pp., 1 map. [general]  
1855. [On M. S. Merian Metamorphoses Insect. Surinamens.]. *Abhandlungen der Naturforschende Gesellschaft zu Halle 2* (Sitzungsberichte): 58-65. [general; book review]  
1859. Physikalische Beschreibung der Gegend von Paraná. *Zeitschrift für allgemeine Erdkunde (Neue Folge)* 6(6)(= 72): 429-445 (June) [general; Argentina]  
1861. *Reise durch die La Plata-Staaten, mit besonderer Rücksicht auf die physische Beschaffenheit und den Culturzustand der Argentinischen Republik. Ausgeführt in den Jahren 1857, 1858, 1859 und 1860.* Halle, H. W. Schmidt. 1: viii + 504 pp., 1 pl., 1 map ([16 May]); 2: v + 540 pp., 1 map. ([15 August]) [general; new species: *Anartia silvae*, *Cybdelis petronita*, *Acraea mamita*]  
1870. Ueber die Gattung *Euryades* Felder's. *Stettiner entomologische Zeitung* 31(10/12): 414-421 (October-December) [general; Argentina, Bolivia, Chile, Peru]  
1873. Description de *Morphonides* brésiliens. *Revue et Magasin de Zoologie* (3)1(1): 17-47, pls. 1-6 (January) [*Morpho* spp., Brassolidae; new species: *M. perseides*; eggs, larvae, pupae, imagines; host plants; behavior; ecology]  
1874. Nachtrag zur Beschreibung der Gattung *Euryades* Felder's. *Stettiner entomologische Zeitung* 35(10/12): 427-429 (October-December) [general; Argentina]  
1875. Recherches sur les chenilles des lépidoptères de la tribu des hespérides. *Revue et Magasin de Zoologie* (3)3(1): 50-64, pl. 1 (January) [new species: *Eridamus (Goniuris [sic]) tmolis*, *Hesperia (Phlebodes) clericalis*, *H. musculus*; eggs, larvae, pupae, imagines; host plants; behavior; Brazil, Argentina]  
1878-[81]. *Description physique de la République Argentine d'après des observations personnelles et étrangères. 5. Lépidoptères. Première partie. Contenant les diurnes, crépusculaires et bombycoïdes.* Buenos Aires, P. E. Coni; Paris, F. Savy; Halle, E. Anton. vi + 526 pp. ([25 May] 1878); *Atlas*: (1): [i-ii], 1-40, pls. 1-13 ([before July] 1879); (2): [iii-iv], 41-60, pls. 14-24 ([before August] 1880); (3): 61-64, pl. [25] ([1881]) [general; morphology; new taxa: *Papilio thoas* variety *thoatades*, *P. microdamas*, *Pieris automate*, *Ithomia (Dircenna) celtina*, *Eubagis coeades*, *Catagramma zerynthia*, *Euptychia spartacus*, *Riodina*

- lystratus*, *Lemonias tenellus*, *Thecla thargelia*, *T. nannidion*, *T. phrynisca*, *T. sanguinalis*, *Hesperia physoptila*, *Helias (Nisoniades) brusus*, *Hellas* [sic] (*Nisoniades*) *gonoptila*, *H. (N.) tucumana*, *Carystus calonicus*, *C. odilia*, *C. micylla*, *Pamphila stratyllis*, *Thracides ethemides*, *Dyscophus faustinus*, *Eudamius punctiger*, *Eurycides* [sic] *phanias*, *Thymelicus nitedula*]
1879. Briefliche Mittheilungen. *Stettiner Entomologische Zeitung* 40(4/6): 194-209 (mid-April) [Heliconiinae; Argentina]
- Burmeister, Hermann, Jr.**
1868. [A note]. *Proceedings of the entomological Society of London* 1868(3): xxv (28 September) [*Ageronia amphinome* (Linnaeus); pupa; Brazil]
- Burns, John McLauren** [1932- ]
1964. Evolution in skipper butterflies of the genus *Erynnis*. *University of California Publications in Entomology* 37: iv + 214 pp., pl. 1, 24 figs., 25 tabs. (7 August) [general; new taxa: subgenus *Erynnides*, *E. meridianus fieldi*, *E. tristis pattersoni*; host plants; life histories; behavior; ecology; Mexico, Central and South America]
1974. The polytypic genus *Celotes* (Lepidoptera: Hesperidae: Pyrginae) from the southwestern United States and northern Mexico. *Psyche* (Cambridge) 81(1): 51-69, 8 figs., 2 tabs. (21 May) [new species: *C. limpia*; morphology; life history]
1975. Butterflies: Their world, their life cycle, their behaviour. *Smithsonian* 6(9): 130-132 (December) [general; book review]
1982. *Lychnuchoides frappenda* from central Mexico joins *lunus* and *zweifeli* in a *lunus* group of *Atrytonopsis* (Lepidoptera: Hesperidae: Hesperinae). *Proceedings of the entomological Society of Washington* 84(3): 547-567, 30 figs., 2 tabs. (29 July)
- 1983a. Superspecies *Atrytonopsis ovinia* (*A. ovinia* plus *A. edwardsi*) and the nonadaptive nature of interspecific genitalic differences (Lepidoptera: Hesperidae). *Proceedings of the entomological Society of Washington* 85(2): 335-358, 56 figs., 3 tabs. (10 May) [Mexico, Central America]
- 1983b. Queen of the Carolinas (Lepidoptera: Nymphalidae: Danaeinae: *Danaus gilippus*). *Proceedings of the entomological Society of Washington* 85(2): 388-396, 1 fig. (10 May) [West Indies]
1984. Evolutionary differentiation: Differentiating gold-banded skippers - *Autochton cellus* and more (Lepidoptera: Hesperidae: Pyrginae). *Smithsonian Contributions to Zoology* 405: i-iii, 1-38, 90 figs., 3 tabs. (26 December) [new species: *Autochton sierradror*; Mexico]
1985. *Wallengrenia otho* and *W. egeremet* in eastern North America (Lepidoptera: Hesperidae: Hesperinae). *Smithsonian Contributions to Zoology* 423: i-iii, 1-39, 66 figs., 4 tabs. [Mexico, Central America]
1988. The big shift: *nabokovi* from *Atalopedes* to *Hesperia* (Hesperidae). *Journal of the Lepidopterists' Society* 41(4): 173-186, 15 figs. (5 January) [Hispaniola]
1989. Phylogeny and zoogeography of the bigger and better genus *Atalopedes* (Hesperidae). *Journal of the Lepidopterists' Society* 43(1): 11-32, 45 figs. (3 March) [new species: *A. clarkei*; ecology; Neotropics]
1990. *Amblyscirtes*: problems with species, species groups, the limits of the genus, and genus groups beyond - a look at what is wrong with the skipper classification of Evans (Hesperidae). *Journal of the Lepidopterists' Society* 44(1): 11-27, 26 figs. (5 June) [general]
- 1992a. Genitalic recasting of *Poanes* and *Paratrytone* (Hesperidae). *Journal of the Lepidopterists' Society* 46(1): 1-23, 32 figs. (15 July) [new species: *Poanes macneilli*; *Ochlodes*; Mexico, Central America, Colombia, Ecuador, Bolivia]
- 1992b. Genitalic characterization, enlargement, and reassociation of the Neotropical hesperiine genus *Halotus* (Hesperidae). *Journal of the Lepidopterists' Society* 46(3): 182-194, 19 figs. (10 November) [new species: *H. jonaveriorum*; Mexico, Central America, Ecuador]
- 1994a. Split skippers: Mexican genus *Poanopsis* goes in the *origenes* group - and *Yvretta* forms the *rhesus* group - of *Polites* (Hesperidae). *Journal of the Lepidopterists' Society* 48(1): 24-45, 32 figs. (23 February) [general; morphology; systematics; Mexico, Central America]
- 1994b. Genitalia at the generic level: *Atrytone* restricted, *Anatrytone* resurrected, new genus *Quasimellana* - and yes! we have no Mellanas (Hesperidae). *Journal of the Lepidopterists' Society* 48(4): 273-337, 112 figs. (19 December) [new species: *Anatrytone sarah*, *Q. siblinga*, *Q. antipazina*, *Q. andersoni*, *Q. imperfecta*, *Q. mielkei*; Central and South America]
1996. Genitalia and the proper genus: *Codatractus* gets *mysie* and *uvydxia* - in a compact *cyda* group - as well as a *hysterectomy*, while *Cephise* gets part of *Polythrix* (Hesperidae: Pyrginae). *Journal of the Lepidopterists' Society* 50(3): 173-216, 96 figs., 4 tabs. (11 October) [general; new species: *Cephise nuspesez*; Mexico, Central and South America; host plants]
1997. Presidential address 1996: On the beauties, uses, variation, and handling of genitalia. *Journal of the Lepidopterists' Society* 51(1): 1-8, 33 figs., 1 tab. (4 April) [general; Hesperidae]
- 1999a. See Janzen, D. H. et al., 1999.
- 1999b. *Pseudodrephalys*: a new genus comprising three showy, Neotropical species (one new) removed from - and quite remote from - *Drephalys* (Hesperidae: Pyrginae). *Journal of the Lepidopterists' Society* 52(4): 364-380, 37 figs. (16 August) [*P. sohni*; South America]
2000. *Pyrgus communis* and *Pyrgus albescens* (Hesperidae: Pyrginae) are separate transcontinental species with variable but diagnostic valves. *Journal of the Lepidopterists' Society* 54(2): 52-71, 377 figs. (15 November) [Mexico]
2001. Valeriana skipper: How its scientific name changed from *Thorybes valeriana* to *Codatractus mysie*. *American Butterflies* 9(1): 36-37, 4 figs. [Mexico]
2004. See Hebert, P. D. N. et al., 2004.
2005. See Janzen, D. H. et al., 2005.
2006. See Hajibabaei, M. et al., 2006.
2008. See Fordyce, J. A. et al., 2008.
2009. See Janzen, D. H. et al., 2009.
2010. See Janzen, D. H. et al., 2010.
2011. See Janzen, D. H. et al., 2011.
2013. See Grishin, N. V. et al., 2013a.
- 2014a. See Fernández-Triana, J. L. et al., 2014.
- 2014b. See Bertrand, C. et al., 2014.
- 2014c. See Grishin, N. V. et al., 2014b.
2015. Speciation in an insular sand dune habitat: *Atrytonopsis* (Hesperidae: Hesperinae) - mainly from the Southwestern United States and Mexico - off to the North Carolina coast. *Journal of the Lepidopterists' Society* 69(4): 275-292, 62 figs., 1 tab. (24 November) [new species: *A. quinteri*]
- 2017a. See Bächtold, A. et al., 2017.
- 2017b. See Ge, D. et al., 2017.
- 2017c. See Janzen, D. H. et al., 2017.
- Burns, John McLauren, and Daniel Hunt Janzen**
2000. *Drephalys*: Division of this showy Neotropical genus, plus a new species and the immatures and food plants of two

- species from Costa Rican dry forest (Hesperiidae: Pyrginae). *Journal of the Lepidopterists' Society* 53(3): 77-89, 32 figs., 4 tabs. (16 June) [*D. kidonoi*; new subgenus: *Paradrephalys*]
2001. Biodiversity of pyrrhopygine skipper butterflies (Hesperiidae) in the Area de Conservación Guanacaste, Costa Rica. *Journal of the Lepidopterists' Society* 55(1): 15-43, 28 figs., 2 tabs. (21 December) [general; host plants; parasitoids; ecology; taxonomy]
- 2005a. Pan-Neotropical genus *Venada* (Hesperiidae: Pyrginae) is not monotypic: Four new species occur on one volcano in the Area de Conservación Guanacaste, Costa Rica. *Journal of the Lepidopterists' Society* 59(1): 19-34, 33 figs., 1 tab. (8 April) [*V. nevada*, *V. davena*, *V. cacao*, *V. naranja*; life histories; host plants; parasitoids]
- 2005b. What's in a name? Lepidoptera: Hesperiidae: Pyrginae: *Telemiades* Hübner 1819 [*Pyrdalus* Mabilie 1903]: New combinations *Telemiades corbulo* (Stoll) and *Telemiades oiclus* (Mabilie) - and more. *Proceedings of the entomological Society of Washington* 107(4): 770-781, 26 figs (3 October) [Costa Rica]
- Burns, John McLauren, Daniel Hunt Janzen, Mehrdad Hajibabaei, Winifred D. Hallwachs and Paul David Neil Hebert**
2007. DNA barcodes of closely related (but morphologically and ecologically distinct) species of skipper butterflies (Hesperiidae) can differ by only one to three nucleotides. *Journal of the Lepidopterists' Society* 61(3): 138-153, 46 figs., 3 tabs. (24 October) [new species: *Neoxeniades pluviasilva*; host plants; Costa Rica]
2008. DNA barcodes and cryptic species of skipper butterflies in the genus *Perichares* in Area de Conservación Guanacaste, Costa Rica. *Proceedings of the national Academy of Sciences of the United States of America* 105(17): 6350-6355, 3 figs., 1 tab. (29 April) [new species: *P. poaceaphaga*, *P. geonomaphaga*, *P. prestoeaphaga*]
- Burns, John McLauren, Daniel Hunt Janzen and Winifred D. Hallwachs**
- 2010a. Of many similar species in the Neotropical genus *Porphyrogenes* (Lepidoptera: Hesperiidae), a new one, repeatedly reared in Costa Rica, is relatively distinct. *Proceedings of the entomological Society of Washington* 112(1): 32-42, 20 figs., 1 tab. (19 February) [*P. peterwegei*; host plants]
- Burns, John McLauren, Daniel Hunt Janzen, Winifred D. Hallwachs and Nick V. Grishin**
2019. Monotypy justified: Genitalia and DNA move *Ephyriades eugramma* (Mabilie) to new genus *Neomorphuncus* Burns (Lepidoptera: Hesperiidae: Pyrginae). *Proceedings of the entomological Society of Washington* 121(4): 557-567, 25 figs. (October) [Costa Rica, Panama]
- Burns, John McLauren, Daniel Hunt Janzen, Winifred D. Hallwachs and Mehrdad Hajibabaei**
2013. DNA barcodes reveal yet another new species of *Venada* (Lepidoptera: Hesperiidae) in northwestern Costa Rica. *Proceedings of the entomological Society of Washington* 115(1): 37-47, 17 figs. (January) [*V. lamella*]
- Burns, John McLauren, Daniel Hunt Janzen, Winifred D. Hallwachs, Mehrdad Hajibabaei and Paul David Neil Hebert**
2009. Genitalia, DNA barcodes, and life histories synonymize *Telles* with *Thracides* – A genus in which *Telles arcalaus* looks out of place (Hesperiidae: Hesperinae). *Journal of the Lepidopterists' Society* 63(3): 141-153, 42 figs., 2 tabs. (22 October) [general; host plants; Central and South America]
- 2010b. Genitalia, DNA barcodes, larval facies and foodplants place the mimetic species *Neoxeniades molion* in *Rhinthon* (Hesperiidae: Hesperinae). *Journal of the Lepidopterists' Society* 64(2): 69-78, 29 figs., 1 tab. (27 July) [general; Central and South America]
- Burns, John McLauren, and Roy O'Neal Kendall**
1969. Ecologic and spatial distribution of *Pyrgus oileus* and *Pyrgus philetas* (Lepidoptera: Hesperiidae) at their northern distributional limits. *Psyche* (Cambridge) 76(1): 41-53, 5 figs., 1 tab. (7 October) [Mexico]
- Burns, John McLauren, J. Donald Lafontaine, Paul Alexander Opler, Robert Kanner Robbins and Felix A. H. Sperling**
2000. Precis of first meeting. Committee on scientific names of North American butterflies. *News of the Lepidopterists' Society* 42(1): 9, 13, 23 (15 March) [general; Mexico]
- Bury, Priscilla Susan [née Falkner]** [fl. 1831-1858]
- 1831-34. *A selection of hexandrian plants, belonging to the natural order Amaryllidaceae and Liliaceae, from drawings.* London, Robert Havell. 5 + 51 ll., 51 pls. [in 10 fascicles, published between 1831 and December 1834] [*Papilio menelaus* Linnaeus, *P. nestor* Linnaeus]
- Busby, George W., III**
1983. Zone 9. Northern Neotropics, p. 33. In: 1982 Season Summary. *News of the Lepidopterists' Society* 1983(2): 13-35 (March-April) [general; Mexico]
- Busby, Robert C.**
2005. See Hall, J. P. W. et al., 2005.
2008. See Robbins, R. K. & R. C. Busby, 2008.
2009. See Robbins, R. K. & R. C. Busby, 2009.
- 2010a. See Robbins, R. K. et al., 2010a.
- 2010b. See Robbins, R. K. et al., 2010b.
2011. See Faynel, C. et al., 2011.
- 2012a. See Robbins, R. K. et al., 2012a.
- 2012b. See Faynel, C. et al., 2012.
- 2015a. See Robbins, R. K. & R. C. Busby, 2015.
- 2015b. See Robbins, R. K. et al., 2015.
2019. See Diringer, L. et al., 2019.
- Busby, Robert C., Christophe Faynel, Alfred Moser and Robert Kanner Robbins**
2017. Sympatric diversification in the Upper Amazon. A revision of the Eumaeine genus *Paraspiculatus* (Lepidoptera: Lycaenidae). *Smithsonian Contributions to Zoology* 649: i-vii, 1-65, 130 figs., 4 tabs. (published online 15 August) [new species: *P. apuya*, *P. cosmo*, *P. transvesta*, *P. grande*, *P. honor*, *P. emma*, *P. sine*, *P. azul*, *P. lilyana*, *P. noemi*; Central and South America]
- Bush, Mark B., and Paulo Eugênio Oliveira**
2006. The rise and fall of the refugial hypothesis of Amazonian speciation: a paleoecological perspective. *Biota neotropica* 6(1): 17 pp., 10 figs. (January-April) [general; biogeography]
- Buskirk, Ruth Elizabeth** [1944- ]
1985. Zoogeographic patterns and tectonic history of Jamaica and the Northern Caribbean. *Journal of Biogeography* 12(5): 445-461, 4 figs., 1 tab. (September) [general]
- Busoli, Antônio Carlos**
1987. See Bortoli, S. A. de & A. C. Busoli, 1987.
1993. See Longhini, L. C. S. B. & A. C. Busoli, 1993.
- Bussmann, Rainer W.**
2011. See Laurance, W. F. et al., 2011.
- Bustamante, Ramiro O.** [1953- ]
2002. See Niemeyer, H. M. et al., 2002.
- Bustillo, Alex Enrique** [1945- ]
1988. Identifican plaga. *Notas y Noticias entomológicas* (Bogotá) 1988(3/4): 23 (25 July) [*Oenomaus ortygnus* (Cramer); host plant; Colombia]
1995. See Posada, F. J. et al., 1995.

1996. See Posada, F. J. et al., 1996.
- Bustillo, Alex Enrique, Reinaldo Cárdenas, Francisco Posada and Patricia E. Vélez**
1994. No prospera. *Notas y Noticias entomológicas* (Bogotá) 1993(11/12): 76-77 (February) [*Papilio anchisiades capys* (Hübner); host plant; Colombia]
- Bustillo, Alex Enrique, and Bertha de Gutiérrez**
1975. Ciclo de vida del *Leptophobia aripa* (Boisduval) (Lepidoptera: Pieridae) plaga del repollo y la col. *Revista colombiana de Entomología* 1(4): 1-5, 4 figs., 1 tab. (December) [general; host plants; egg, larva, pupa, imago; Colombia]
- Buthn, W.**
1922. Some cases of aberrant oviposition in butterflies (Lep.). *Entomological News* 33(1): 26-28 (5 January) [general; Ecuador]
- Butignol, Cesar A.**
1990. Ocorrência de insetos em capítulos de girassol em distintos horários e estádios de florescimento. *Anais da Sociedade entomológica do Brasil* 19(2): 273-280, 5 tabs. (31 December) [general; pollinators; Brazil]
- Butler, Arthur Gardiner** [1844-1925]
- 1865a. Description of a new species of *Morpho* in the collection of the British Museum. *Entomologist's monthly Magazine* 2(16): 81-82 (September) [*M. thetis*; Brazil]
- 1865b. Description of six new species of diurnal Lepidoptera in the British Museum collection. *Proceedings of the zoological Society of London* 1865(2): 430-434, pl. 25 (October) [general; *Heliconia vulcanus*; Guyana, Panama]
- 1865c. Description of six new species of exotic butterflies in the collection of the British Museum. *Proceedings of the zoological Society of London* 1865(2): 455-459, pl. 26 (October) [general; *Pieris pactolicus*, *P. vecticlusus*, *P. avivolans*, *Callidryas bracteolata*; Colombia, Mexico, Brazil]
- 1865d. Descriptions of the characters of six new species of rhopalocerous Lepidoptera in the collection of the British Museum, with notes on the allied species. *Proceedings of the zoological Society of London* 1865(2): 481-486 (October) [general; *Victorina aphrodite*; Mexico]
- 1865e. Description of four new species of butterflies in the collection of the British Museum. *Annals and Magazine of natural History* (3)16(96): 397-399 (1 December) [general; *Heterochroa lydia*; Honduras]
- 1866a. Descriptions of some curious variations in the genus *Morpho*. *Entomologist's monthly Magazine* 2(21): 202-204 (February) [general; new varieties: *M. menelaus* variety *terrestris*, *M. m.* variety *melanippe*, *M. achillaena* (?) variety *vitrea*, *M. helenor* variety *coelestis*, *M. montezuma* (?) variety *hyacinthus*; Bolivia, Brazil, Honduras]
- 1866b. Monograph of the species of *Charaxes*, a genus of diurnal Lepidoptera. *Proceedings of the zoological Society of London* 1865(3): 622-639, pls. 36-37 (April) [*Charaxes rayi* van der Hoeven [sic], *Megistanus* [sic] *baeotus* Boisduval [sic]; Brazil, Colombia, Bolivia]
- 1866c. Descriptions of six butterflies new to science, belonging to the genera *Heterochroa* and *Romaleosoma*. *Proceedings of the zoological Society of London* 1865(3): 667-673, 6 figs. (April) [general; *H. salmoneus*, *H. boreas*, *H. sichaeus*; Venezuela, Bolivia, Colombia]
- 1866d. Descriptions of some new exotic butterflies in the National Collection. *Proceedings of the zoological Society of London* 1866(1): 39-42, pl. 3 (May) [general; *Chlorippe (Apatura) lavinia*, *Corades cybele*, *Daedalma emilia*, *Hetaera pellucida*, *H. harpalyce*; Peru, Venezuela, Colombia, French Guiana]
- 1866e. A monograph of the diurnal Lepidoptera belonging to the genus *Danais*, being a revision of the insects of that genus, with descriptions of new species in the National Collection. *Proceedings of the zoological Society of London* 1866(1): 43-59, pl. 4, 3 figs. (May) [general]
- 1866f. Note on the identity of certain species of diurnal Lepidoptera. *Annals and Magazine of natural History* (3)17(102): 435-436 (1 June) [*Papilio* spp., *Euterpe* spp.; Brazil]
- 1866g. Remarks on the distinctiveness of certain species of *Erycina*. *Entomologist's monthly Magazine* 3(27): 53-54 (August) [Brazil, Venezuela]
- 1866h. Descriptions of some new species of diurnal Lepidoptera in the collection of the British Museum. *Entomologist's monthly Magazine* 3(28): 76-78 (September) [*Daedalma inconspicua*; Ecuador]
- 1866i. Supplement to a monograph of the genus *Danais*, founded on specimens in the collection of Mr. Osbert Salvin. *Proceedings of the zoological Society of London* 1866(2): 171-175, 3 figs. (September) [general; new species: *D. hermippus*; Colombia]
- 1866j. A revision of the genus *Hypna*, with descriptions of the new species. *Proceedings of the zoological Society of London* 1866(2): 206-210, pl. 23 (September) [general; *H. globosa*, *H. huebneri*, *H. velox*, *H. rufescens*, *H. elongata*; Bolivia, Brazil, Panama, Venezuela, Colombia]
- 1866k. Note on two forms of *Mesene* hitherto considered to be sexes of one species. *Entomologist's monthly Magazine* 3(31): 165 (December) [Brazil]
- 1867a. Description of a new genus of diurnal Lepidoptera belonging to the family Erycinidae; with characters of two new species. *Entomologist's monthly Magazine* 3(32): 174-176 (January) [general; *Metacharis regalis*, *M. batesii*; Brazil]
- 1867b. Corrections of errors hitherto existing in the nomenclature of several species of the genus *Nymphidium*. *Entomologist's monthly Magazine* 3(34): 221-223 (March) [general; new species: *N. azanoides*, *N. epiplatea*; Brazil]
- 1867c. Corrections and addenda to certain papers on Lepidoptera published during the years 1865-66; with additional notes on some of the species described. *Proceedings of the zoological Society of London* 1866(3): 451-458 (April) [*Danais*, *Victorina*; Brazil, Guatemala, Mexico]
- 1867d. A monograph of the genus *Euptychia*, a numerous race of butterflies belonging to the family Satyridae; with descriptions of sixty species new to science, and notes to their affinities, etc. *Proceedings of the zoological Society of London* 1866(3): 458-504, pls. 39-40 (April) [general; *E. palladia*, *E. terrestris*, *E. usitata*, *E. similis*, *E. pieria*, *E. austeria*, *E. divergens*, *E. lethe*, *E. erigone*, *E. argyrospila*, *E. ocnus*, *E. eriphule*, *E. electra*, *E. variabilis*, *E. affinis*, *E. marmorata*, *E. ambigua*, *E. modesta*, *E. huebneri*, *E. galesus*, *E. atalanta*, *E. undulata*, *E. binalinea*, *E. eous*, *E. pharella*, *E. harmonia*, *E. phineus*, *E. nebulosa*, *E. saturnus*, *E. vesta*, *E. enyo*, *E. westwoodii*, *E. picea*, *E. aegrota*, *E. pilata*, *E. brixiole*, *E. coelestis*, *E. urania*, *E. philippa*, *E. gigas*, *E. libyoidea*, *E. obscura*, *E. vastata*, *E. polyphemus*, *E. callichloris*, *E. hewitsonii*, *E. agatha*, *E. ayaya*, *E. batesii*, *E. metagera*, *E. hiemalis*, *E. junonia*, *E. gemmula*, *E. erycina*, *E. latia*, *E. salvini*, *E. pyracmon*, *E. saundersii*, *E. mima*, *E. insignis*, *E. erichtho*; Neotropics]
- 1867e. Note on some species of butterflies belonging to the genus *Catagramma*. *Proceedings of the zoological Society of London* 1866(3): 578-580 (April) [general; Peru, Bolivia, Brazil, Venezuela]
- 1867f. Our British butterflies: Their structure, habits, history, and foreign relations. *Nature and Art* 2(12): 145-147, 1 pl. (1

- May), (13): 171-172, 1 pl. (1 June) [*Papilio dioxippus* Hewitson; Colombia]
- 1867g. A monograph of the genus *Hestia*, containing descriptions of forms not hitherto noticed; with a tabular view of the species of Danaidae, and remarks upon their natural affinities. *Transactions of the entomological Society of London* (3)5(6): 467-484 ([6] May) [general; Neotropics]
- 1867h. Descriptions of some new species of Satyridae belonging to the genus *Euptychia*. *Proceedings of the zoological Society of London* 1867(1): 104-110, pls. 11-12 (May) [*E. themis*, *E. vestigiata*, *E. straminea*, *E. angularis*, *E. ochracea*, *E. pronophila*, *E. liturata*, *E. vesper*, *E. armilla*, *E. fumata*; Brazil]
- 1867i. Descriptions of some remarkable new species and a new genus of diurnal Lepidoptera. *Annals and Magazine of natural History* (3)20(117): 216-217, pl. 4, figs. 4-9 (1 September) [general; *Taygetis albinotata*; Bolivia]
- 1867j. A monograph of the genus *Lemonias*, with descriptions of new species, in the collection of the British Museum, including other forms sometimes placed in that genus. *Journal of the Linnean Society of London (Zoology)* 9(36): 213-229, pls. 6-7 (14 September) [general; *L. violacea*, *L. hubneri*, *L. bolena*, *L. nepioides*, *L. bubo*, *L. cuprea*, *L. borsippina*, *Aricoris amethystina*, *A. pythioides*, *A. cyanea*, *A. cruentata*, *Tharops coruscans*, *T. nitida*, *T. splendida*, *T. hyalina*, *Anatole egaensis*, *A. caliginea*, *A. pulcherrima*, *Apodemia stalactioides*; Neotropics]
- 1867k. Revision of the group of lepidopterous insects hitherto included in the genus *Pronophila* of Westwood. *Annals and Magazine of natural History* (3)20(118): 266-268, 3 figs. (1 October) [general; new genera: *Pedaliodes*, *Gyrocheilus*, *Oxeoschistus*]
- 1867l. The genera of Hübner's 'Verzeichniss'. *Entomologist* 3(47): 362-363 (November) [general]
- 1867m. Description of a new genus and species of American Satyridae from the collection of Mr. H. W. Bates. *Annals and Magazine of natural History* (3)20(120): 404-405, pl. 9, fig. 11 (1 December) [*Amphidecta pignator*; Brazil]
- 1868a. An essay towards an arrangement of the genera of the family Satyridae. *Entomologist's monthly Magazine* 4(45): 193-197 (February) [general; new genus: *Paramacera*]
- 1868b. *Catalogue of diurnal Lepidoptera of the family Satyridae in the collection of the British Museum*. London, Taylor and Francis. vi + 211 pp., 5 pls. ([25 July]) [general; new taxa: *Taygetis excavata*, *T. armillata*, *T. nymphea*, *T. nymphosa*, *T. erubescens*, *T. euptychidia*, *Euptychia perfuscata*, *E. rustica*, *Tetraphlebia* (?) *plumbeola*, *Paramacera*, genus *Callitaera*, *Anchiphlebia* (new genus) *taygetina*, *Argyrophorus williamsianus*, *Lymanopoda ferruginosa*, *L. venosa*, *L. acraeida*, *Steroma superba*, *Pedaliodes granulata*, *P. angularis*, *Oxeoschistus simplex*, *Lasiophila orbifera*, *L. hewitsonia*, *Pronophila obscura*, *Corades argentata*; Neotropics]
- 1869a. Descriptions of several new species of nymphalidian Rhopalocera. *Annals and Magazine of natural History* (4)3(13): 17-21, pl. 9 (1 January) [general; *Heliconius zelinde*, *H. primularis*, *H. zobeide*; Central America, Ecuador, Brazil, Peru]
- 1869b. Descriptions of species of Lepidoptera, confounded with others described by Linnaeus and Fabricius. *Entomologist's monthly Magazine* 5(59): 270-273 (April) [*Papilio zonaria*, *Pyrrhopyga verbena*; República Dominicana, South America]
- 1869c. *Lepidoptera Exotica, or descriptions and illustrations of exotic Lepidoptera*. London, E. W. Janson. Pp. 1-8, pls. 1-3 (June) [general; new species: *Euptychia caerulea*, *E. mare*, *E. zeba*, *E. fulgora*, *E. quadrina*; Brazil, Peru]
- 1869d. Descriptions of new or little known forms of diurnal Lepidoptera. *Transactions of the entomological Society of London* 1869(4): 273-276, pl. 5 (3 August) [*Apatura zalmunna*; Brazil]
- 1869e. Descriptions of three new species of *Callidryas*. *Annals and Magazine of natural History* (4)4(21): 202-203 (1 September) [general; *C. rorata*, *C. solstitia*; República Dominicana; Chile]
- 1869f. *Lepidoptera Exotica...* London, E. W. Janson. Pp. 9-16, pls. 4-6 (September) [general; new species: *Euptychia ziza*, *E. zeredatha*, *E. ithama*, *E. binocula*, *E. jesia*, *E. zabdi*, *Taygetis kerea*, *Callithea optima*; Peru, Brazil, Guatemala, French Guiana, Ecuador]
- 1869g. Descriptions of new Rhopalocera from the collection of Herbert Druce, Esq. *Cistula entomologica* 1(1): 1-16 (15 October) [general; *Dasyophthalma vertebralis*, *Caligo hemichroa*, *Morpho luna*, *Heterochroa mephistopheles*, *Apatura lucasii*, *A. laurentia*, *Timetes funestis*, *Mesosemia jeziela*, *M. isshia*, *M. thymetina*, *Emesis irata*, *Papilio luctuosa*, *Euterpe latona*, *Heliochroma idiotica*, *Callidryas minuscula*, *Catagramma latona*; Mexico, Cuba, South America]
- 1869h. *Lepidoptera Exotica...* London, E. W. Janson. Pp. 17-24, pls. 7-9 (November) [general; new species: *Taygetis jimna*, *T. zippora*, *T. xenana*, *T. uzza*, *T. keneza*, *T. zimri*; Panama, French Guiana, Guatemala]
- 1870a. Descriptions of exotic Lepidoptera from the collection of Herbert Druce, Esq. *Cistula entomologica* 1(2): 17-32 (27 January) [general; *Taygetis xantippe*, *T. ophelia*, *T. leuctra*, *Euptychia oreba*, *E. jaresia*, *E. muscosa*, *E. libitina*, *Antirrhoea phasiana*, *A. scoparia*, *Steroma zibia*, *Pedaliodes japhleta*, *P. rapha*, *P. oaxes*, *P. lugubris*, *Lymanopoda issacha*, *Corades fluminalis*, *C. laminata*, *Morpho juturna*, *Prepona louisa*, *Aricoris jansonii*, *Mesene oriens*, *Baeotis quadrinota*, *Lymnas hodia*; Brazil, Venezuela, Cuba, Colombia, Nicaragua]
- [1870]b. *Catalogue of diurnal Lepidoptera described by Fabricius in the collection of the British Museum*. London, Taylor and Francis. v + 303 pp., 3 pls. ("1869", [12 February 1870]) [general; Neotropics]
- 1870c. *Lepidoptera Exotica...* London, E. W. Janson. Pp. 25-32, pls. 10-12 (February) [discussion of *Caligo hemichroa* Butler and *C. automedon* (Cramer); Brazil]
- 1870d. Descriptions of six new species of *Callidryas*. *Transactions of the entomological Society of London* 1870(1): 9-12 (14 March) [general; *C. virgo*, *C. irrigata*, *C. hartonia*, *C. editha*, *C. jada*; Mexico, Brazil, Jamaica, Haiti, Guatemala]
- 1870e. On new or recently described species of diurnal Lepidoptera. *Entomologist's monthly Magazine* 6(71): 250-252, pl. 1 (April) [*Euptychia fetna*, *E. labe*, *E. gulfare*, *E. maimoune*, *E. undina*, *Nymphidium lilina*; Neotropics]
- 1870f. On new diurnal Lepidoptera. *Annals and Magazine of natural History* (4)5(29): 362-365 (1 May) [general; *Anchiphlebia ornata*, *Pyrrhogyra ophni*, *Lymnas jesse*, *Lyropteryx olivia*, *Emesis zela*, *Charis libna*, *Stalactis evelina*; French Guiana, Brazil, Venezuela, Mexico]
- 1870g. *Lepidoptera Exotica...* London, E. W. Janson. Pp. 33-42, pls. 13-15 (May); 43-50, pls. 16-19 (August) [general; new species: *Euptychia lobelia*, *E. umbrosa*, *E. francisca*; Neotropics]
- 1870h. The genera of Hesperidae in the collection of the British Museum. *Entomologist's monthly Magazine* 7(75): 55-58 (August), (76): 92-99 (September) [general; new genera: *Spathilepia*, *Udranomia*, *Plastingia*]
- 1870i. A revision of the genera of the sub-family Pierinae. *Cistula entomologica* 1(3): 33-58, pls. 1-4 (12 September) [general; new genera: *Leodonta*, *Catasticta*, *Sphaenogona*, *Pyrisitia*, *Leptophobia*, *Daptonoura*, *Chlosyne*,

- Tatochila*, *Moschoneura*; Neotropics]
- 1870j. Descriptions of some new diurnal Lepidoptera, chiefly Hesperidae. *Transactions of the entomological Society of London* 1870(4): 485-520 (20 December) [general; *Caligo oberon*, *Melinaea phasiana*, *M. ishka*, *M. zaneka*, *Olyras montagui*, *Goniurus lindora*, *G. hirtius*, *G. jethira*, *G. corydon*, *G. cenis*, *Eudamus epigena*, *Telegonus egregius*, *T. cepio*, *T. lotus*, *Aethilla memmius*, *A. coracina*, *A. jariba*, *A. jaira*, *Spathilepia evelinda*, *Typhedanus* (new genus) *zephus*, *Augiades despecta*, *A. lemna*, *Pyrrhopyga jamina*, *Erycides yokhara*, *Carystus ozota*, *C. jabesa*, *C. jeconia*, *C. canente*, *C. obeda*, *Proteides xarippe*, *P. othna*, *Pamphila hala*, *P. kedema*, *P. vira*, *P. lotana*, *P. chrysoogastra*, *P. kenava*, *Phlebodes unia*, *P. virga*, *P. koza*, *P. ittona*, *Apaustus ira*, *Cogia* (new genus) *hassan*, *Pyrgus omrina*, *P. leca*, *P. figara*, *Carterocephalus hilina*, *Pithonides gladius*, *P. jabesa*, *Thanaos ibhara*, *Achlyodes zera*, *A. rossine*, *A. ozotes*, *A. ozema*, *A. zephus*, *A. leada*, *A. ophia*, *A. hadina*, *A. odina*, *Helias pedalioidina*, *H. diurna*, *H. ithrana*; Neotropics]
- 1870k. *Lepidoptera Exotica*... London, E. W. Janson. Pp. 51-58, pls. 20-22 (December) [discussion of *Callidryas eubule* (Linnaeus)]
- 1871a. *Lepidoptera Exotica*... London, E. W. Janson. Pp. 59-66, pls. 23-25 (April) [general; *Callidryas* spp., Hesperidae; Neotropics]
- 1871b. Descriptions of a new genus and six new species of Pierinae. *Transactions of the entomological Society of London* 1871(2): 169-173, pl. 7 (22 May) [general; *Kricogonia fantasia*, *Callidryas fornax*, *C. jaresia*, *Euchloe limonea*; Nicaragua, Chile, Brazil, Mexico]
- 1871c. Remarks upon the classification of the Hesperidae. *Entomologist's monthly Magazine* 7(84): 265-266 (May) [general]
- 1871d. Descriptions of some new species and a new genus of Pierinae, with a monographic list of the species of *Ixias*. *Proceedings of the zoological Society of London* 1871(1): 250-254, pl. 19 (June) [general; *Colias imperialis*, *Scaldoneura* (new genus) *hermina*, *Terias memulus*; Tierra del Fuego, Peru, Haiti]
- 1871e. *Lepidoptera Exotica*... London, E. W. Janson. Pp. 67-74, pls. 26-28 (July) [general; Pieridae; Brazil, Peru, Costa Rica, Mexico]
- 1871f. A revision of the species formerly included in the genus *Terias* (Pierinae). *Proceedings of the zoological Society of London* 1871(2): 526-541 (August) [general; new species: *Terias reticulata*; Neotropics]
- 1871g. Descriptions of some new species of Lepidoptera, chiefly from the collection of Mr. Wilson Saunders. *Annals and Magazine of natural History* (4)8(46): 282-291 (1 October) [*Euptychia languida*, *E. cyanites*, *Emesis clearista*, *Lepricornis atricolor*, *Hesperocharis fulvinota*, *Telegonus omphale*; Colombia, Brazil, Honduras, Venezuela]
- 1871h. *Lepidoptera Exotica*... London, E. W. Janson. Pp. 75-84, pls. 29-32 (October) [general; new species: *Mesosemia veneris*; Mexico, Central and South America]
- 1871i. The nomenclature of Rhopalocera, as affected by the names given in Perry's 'Arcana'. *Entomologist's monthly Magazine* 8(91): 167 (December) [*Caligo inachis* (Godart), *Heliconius phyllis* (Fabricius), *Morpho anaxibia* (Esper), *M. epistrophis* [sic] (Fabricius), *Callidryas larra* (Fabricius); Brazil]
- 1872a. Descriptions of new butterflies from Costa Rica. *Cistula entomologica* 1(4): 72-90 (25 January) [general; *Drucina* (new genus) *leonata*, *Oxeoschistus euriphyle*, *Dynastor stygianus*, *Caligo bubocula*, *Morpho aquarius*, *M. marinita*, *M. limpida*, *M. hydorina*, *Epiphile grandis*, *Heterochroa demialba*, *Phyciodes fulviplaga*, *Eresia dimorphina*, *Methonella chrysomela*, *Pandemos nymphidioides*, *Lemonias adelina*, *Euterpe diamorphites*, *Catasticta actinotis*, *Mylothris alethina*, *Callidryas intermedia*, *Dismorphia cordillera*, *D. sororna*, *D. hagarosa*, *D. lubina*, *D. viridifascia*, *Papilio orabilis*, *P. laetitia*, *P. vulneratus*, *P. clusoculis*, *Pyrrhosticta*, *Erycides vida*, *Carystus gemmatus*]
- 1872b. *Lepidoptera Exotica*... London, E. W. Janson. Pp. 85-94, pls. 33-35 (January), 95-104, pls. 36-38 (April) [general; new species: *Heterochroa lacina*, *H. tracta*; Neotropics]
- 1872c. A synonymic list of the species formerly included in the genus *Pieris*; with all others described since the subdivision of the group by recent authors. *Proceedings of the zoological Society of London* 1872(1): 26-67 (June) [general; new species: *Appias poeyi*; Neotropics]
- 1872d-73a. *Lepidoptera Exotica*... London, E. W. Janson. Pp. 105-114, pls. 39-41 (July 1872), 113a, 114a, 115-120, pls. 42-44 (October 1872), 121-128, pls. 45-48 (January 1873), 137-144, pls. 49-51 (April 1873), 145-152, pls. 52-54 (July 1873) [general; new species: *Goniurus zilpa*, *Eudamus vectilucis*, *Telegonus imalena*, *Aethilla lavochrea*, *Spathilepia terranea*, *Napeogenes flossina*; Neotropics]
- 1873b. On a fossil butterfly belonging to the family Nymphalidae, from the Stonesfield slate near Oxford, with notices of two other foreign forms from France and Croatia. *Geological Magazine* (London) 10(103): 2-4, pl. 1 (January) [extracted from Butler, A. G., 1874, *Lepidoptera exotica* (15): 121-128, pls. 45-48 (January)] [*Caligo*, *Dasyophthalma*, *Brassolis*]
- 1873c. List of Lepidoptera in a small collection sent from Peru by Mr. Whitely, with descriptions of the new species. *Annals and Magazine of natural History* (4)12(69): 218-230 (1 September) [general; *Lymanopoda ocellifera*, *L. rubescens*, *L. eubagioides*, *Steroma umbracina*, *Pedaliodes ereiba* local form *peruviana*, *P. ferratilis*, *P. niveonota*, *Oxeoschistus mirabilis*, *Pronophila variabilis*, *P. venerata*, *Corades iduna* local form *marginalis*, *C. i.* local form *peruviana*, *C. fuscipilaga*, *Morpho lympharis*, *Cybdelis whitelyi*, *Dione poeyii*]
- 1873d. Descriptions of new species of Lepidoptera. *Cistula entomologica* 1(7): 151-177 (1 October) [general; *Methona confusa*, *Dircenna obfuscata*, *Ceratinia intermedia*, *C. fulminans*, *C. lurida*, *Ithomia nigrimargo*, *Hymenitis albinotata*, *Mechanitis fallax*, *M. deceptus*, *M. veritabilis*, *Melinaea parallelis*, *Tithorea pseudethra*, *T. egaensis*, *T. pavonii*, *Eunica octomaculata*, *Perisama bourcierii*, *P. albipennis*, *P. lineata*, *P. viridinota*, *P. ochreipennis*, *P. tristrigosa*, *P. divergens*, *P. rhodoptera*, *Callizona latifascia*, *C. tapajona*, *C. fulvescens*, *Heterochroa tumida*, *Heliconius vetustus*, *H. radiosus*, *H. vittatus*, *H. bicoloratus*, *H. metalilis*, *H. diffusus*, *H. mimulinus*, *H. rufolimbatus*, *Eueides unifasciatus*, *E. hippolinus*, *Actinote griseata*, *Barbicornis dibaphina*, *B. melanops*, *Zelotaea eidothea*, *Megonostoma cynops*, *Euterpe rosacea*, *E. approximata*, *E. nigripennis*, *Sphaenogona graduata*, *S. ectriva*, *Pyrrhopyga fluminis*, *P. latifasciata*, *Carystus fulvimargo*; Central and South America, West Indies]
- 1873e-74a. *Lepidoptera Exotica*... London, E. W. Janson. Pp. 153-162, pls. 55-57 (October 1873), 163-174, pls. 58-60 (January 1874) [general; new taxa: subgenus *Metura*, *Aphrissa*, *Morpho zephyritis*; West Indies, Central and South America]
- 1874b. Description of a new genus and species of satyridian butterflies. *Entomologist's monthly Magazine* 10(117): 204-205 (February) [*Stibomorpha decorata*; Chile]

- 1874c. Revision of the genus *Protogonius*. *Proceedings of the zoological Society of London* 1873(3): 772-775, pl. 69 (April) [general; new species: *P. drurii*, *P. quadridentatus*, *P. bogotanus*, *P. tithoreides*, *P. ochraceus*, *P. lilops*, *P. divisus*, *P. castaneus*, *P. albinotatus*; Mexico, Central and South America]
- 1874d. *Lepidoptera Exotica*... London, E. W. Janson. Pp. 175-190 + [5] + v, pls. 61-64 (April) [general; new species: *Stibomorpha reedii*; Costa Rica, Haiti, South America]
- 1874e. Notes on the impression of *Palaeontina oolitica* in the Jermyn Street Museum. *Geological Magazine* (London) (N.S.) 1(10): 446-449, pl. 19 (October) [*Dasyophthalma*]
- 1874f. Notes on Lee's 'Coloured Specimens to Illustrate the Natural History of Butterflies.' (London, 1806). *Proceedings of the entomological Society of London* 1874(4): xx-xxi (24 December) [general; Neotropics]
- 1874g. Descriptions of some new species and a new genus of diurnal Lepidoptera, in the collection of Herbert Druce, Esq. *Transactions of the entomological Society of London* 1874(4): 423-436, pl. 6 (24 December) [general; *Euptychia peculiaris*, *E. stelligera*, *E. angelica*, *Opsiphanes luteipennis*, *Mesosemia atrocilis*, *M. trilineata*, *M. latizonata*, *M. judicialis*, *M. hesperina*, *Eurygona fervida*, *Panara aureizona*, *P. arctifascia*, *Rusalkia charon*, *Papilio incandescens*, *P. drucei*, *P. metaphaon*, *P. polystictus*, *Carystus placens*, *Antigonus decens*; Mexico, Nicaragua, South America]
- 1875a. On some new species of butterflies from tropical America. *Annals and Magazine of natural History* (4)15(87): 222-225 (1 March) [*Antirrhoea tomasia*, *Paphia ada*, *P. rutilans*, *Heliconius clarescens*, *H. superioris*, *H. nubifer*, *Daptoneura florinda*, *D. f. variety (?) monstrosa*; Panama, Colombia, Peru, Brazil]
- 1875b. Descriptions of new species of Lepidoptera from Central America. *Annals and Magazine of natural History* (4)15(89): 338-342 (1 May) [*Morpho polybaptus*; Costa Rica]
- 1875c. Descriptions of new genera and species of Lepidoptera in the collection of the British Museum. *Annals and Magazine of natural History* (4)15(90): 396-400 (1 June) [*Sphaenogona semiflava*, *Terias diodina*; Trinidad, Venezuela]
- 1875d. Notes on Mr. Scudder's "Historical sketch of the generic names proposed for butterflies". *Entomologist's monthly Magazine* 12(133): 15-17 (June) [general]
- 1875e. Descriptions of four new species of *Protogonius*. *Proceedings of the zoological Society of London* 1875(1): 35-36, pl. 5 (June) [*P. aequatorialis*, *P. fulvus*, *P. diffusus*, *P. semifulvus*; Ecuador, Peru]
1876. Note on Mr. Scudder's "Remarks on the old genus *Callidryas*". *Entomologist's monthly Magazine* 12(141): 206 (February) [general]
- 1877a. On new species of the genus *Euptychia*, with a tabular view of those hitherto recorded. *Journal of the Linnean Society of London (Zoology)* 13(67): 116-128, pl. 12 (28 February) [general; *E. anacleta*, *E. urbana*, *E. soter*, *E. benedicta*, *E. melchiades*, *E. calixta*, *E. fabiana*, *E. eusebia*, *E. cyclops*, *E. aetherialis*, *E. telesphora*, *E. hygina*, *E. clementia*; Neotropics]
- 1877b. On some heliconoid Danainae and Heliconidae in the collection of the British Museum. *Cistula entomologica* 2(3): 149-151 (17 May) [general; new species: *Mechanitis obscura*, *M. truncata*, *M. pannifera*, *M. plagigera*, *M. visenda*, *Heliconius lativitta*, *H. corallii*; South America]
- 1877c. On the Lepidoptera of the Amazons collected by James W. H. Trail, Esq., during the years 1873 to 1875. *Transactions of the entomological Society of London* 1877(2): 105-156, pl. 3 (2 July) [general; new species: *Leucothyris perspicua*, *Ceratinia castanea*, *Adelpha juruana*, *Eubagis niveata*, *E. limbata*, *E. aerata*, *Mesosemia sylvicolens*, *M. maria*, *Cartea trailii*, *Symmachia punctata*, *Mesene trucidata*, *Echenais mollis*, *E. sordida*, *Nymphidium stiboteris*, *N. cavifascia*, *Stalactis trailii*, *Tmolus atrox*, *T. clitumnus*, *T. perezia*, *Daptonura pedrosina*, *Papilio opalinus*, *Goniurus esmeraldus*, *Telegonus labriaris*, *Aethilla infanda*, *Pamphila sodalis*, *P. alumna*, *P. allubita*, *P. ancillaris*, *P. chydæa*, *P. compta*, *P. confixa*, *P. evans*, *P. stictomenes*, *Achlyodes ecliptica*, *A. exosa*, *A. nyctineme*, *Tagiades astrigera*]
- 1877d. List of Lepidoptera recently collected by Mr. Walter Davis in Peru, with descriptions of a new genus and several new species. *Annals and Magazine of natural History* (4)20(116): 117-129 (1 August) [general; *Actinote sodalis*, *Eresia heliconoides*, *Catagramma excelsior* variety *inferior*, *Callithea davisii*, *Heterochroa davisii*, *Pyrrhopyga hospita*]
1878. On a small collection of Lepidoptera from Jamaica. *Proceedings of the zoological Society of London* 1878(3): 480-495 (September) [general; new species: *Pamphila insolata*]
- 1881a. Lepidoptera, Orthoptera and Hemiptera. In: Gunther, A., Account of the zoological collections made during the survey of the H. M. S. "Alert" in the Straits of Magellan and on the coast of Patagonia. *Proceedings of the zoological Society of London* 1881(1): 82-87 (June) [*Argynnis*, *Tatochila*]
- 1881b. List of butterflies collected in Chili by Thomas Edmonds, Esq. *Transactions of the entomological Society of London* 1881(4): 449-486, pl. 21 (28 December) [also in *Anales de la Universidad de Chile* 85: 751-766; 1893] [general; new species: *Epinephele edmondsii*, *Neomaenas coenonymphina*, *N. fractifascia*, *N. wallengrenii*, *Argyrophenega simplex*, *Faunula stelligera*, *Neosatyrys minimus*, *N. ochreivittatus*, *N. violaceus*, *N. reedii*, *Lampides trigemmatus*, *Colias minuscula*, *C. cunninghamii*, *Pyrgus fulvovittatus*, *Cyclopides fruticolens*, *C. f. variety tractipennis*, *C. f. variety quadrinotatus*, *C. f. variety pulcher*, *C. philippii*, *Hipparchia monticolens*, *Scolitantides plumbea*]
- 1884a. The Lepidoptera collected during the recent Expedition of H. M. S. 'Challenger'. Part II. *Annals and Magazine of natural History* (5)13(75): 183-203 (1 March) [general; new species: *Anosia leucogyne*, *Catochrysops trifracta*; St. Thomas, Bermuda, Brazil]
- 1884b. On a new species of the theclid genus *Theritas* from Colombia. *Annals and Magazine of natural History* (5)14(82): 267 ([30 September]) [*T. oakesii*]
1886. Notes on the genus *Terias*, with descriptions of new species in the collection of the British Museum. *Annals and Magazine of natural History* (5)17(99): 212-225, pl. 5 (1 March) [general]
- 1887a. Description of a new butterfly allied to *Vanessa antiopa*. *Annals and Magazine of natural History* (5)19(110): 103-104 (1 February) [*Vanessa thomsonii*; ?Belize]
- 1887b. A new genus of Pierinae allied to *Appias*. *Entomologist's monthly Magazine* 23(275): 248-249 (April) [*Glutophrissa*]
1888. On two small collections of African Lepidoptera recently received from Mr. H. H. Johnston. *Proceedings of the zoological Society of London* 1887(4): 567-574 (April) [new genus: *Tatura*]
1893. On a small collection of Lepidoptera from Darwin Harbour, Falkland Islands. *Annals and Magazine of natural History* (6)12(69): 207-210 (1 September) [*Argynnis siga* Hübner]
- 1896a. Descriptions of new species of butterflies of the genus *Catantactia* in the British Museum. *Annals and Magazine of*



- natural History* (6)17(97): 53-55 (1 January) [*C. sinapina*, *C. reducta*, *C. r.* local form *boliviana*, *C. strigosa*, *C. straminea*; Peru, Ecuador, Bolivia]
- 1896b. Descriptions of previously undescribed species of Dismorphina in the Natural History Museum. *Entomologist* 29(393): 26-27 (February) [*Enantia acutipennis*, *Dismorphia nella*, *D. discrepans*, *D. rhomboidea*; Trinidad, Colombia, ?Peru]
- 1896c. Notes on the pierine butterflies of the genus *Daptonura*, with descriptions of new species. *Annals and Magazine of natural History* (6)17(101): 347-350 (1 May) [*D. hubneri*, *D. inaequalis*, *D. latilimbata*, *D. harti*; Brazil, Peru, Bolivia, Ecuador, Trinidad]
- 1896d. On some new pierine butterflies from Colombia. *Annals and Magazine of natural History* (6)18(103): 42-44 ([30 June]) [general; *Mylothris rosenbergi*, *M. sulphuralis*; Colombia]
1897. Descriptions of six pierine butterflies of the genus *Catasticta* in the collection of the British Museum. *Annals and Magazine of natural History* (6)20(118): 366-369 (1 October) [*C. vapina*, *C. cinerea*, *C. vulnerata*, *C. tricolor*, *C. sordida*, *C. staudingeri*; Ecuador, Bolivia, Peru]
- 1898a. Descriptions of some new species of butterflies of the subfamily Pierinae. *Annals and Magazine of natural History* (7)1(4): 294-295 (1 April) [general; *Mylothris bogotana*, *Terias chamberlaini*; Colombia, Bahamas]
- 1898b. On the butterflies of the genera *Leptophobia* and *Pieris*. *Annals and Magazine of natural History* (7)2(7): 13-24 (1 July) [general; new species: *L. subargentea*, *P. tithoreides*, *P. apicalis*; Neotropics]
- 1899a. Notes on the genus *Euchloe*, Hübner, a genus of the Pierinae. *Entomologist* 32(428): 1-3 (January) [Mexico]
- 1899b. A revision of the Dismorphina of the New World, with descriptions of new species. *Annals and Magazine of natural History* (7)3(17): 373-393 (1 May) [general; *Moschoneura theaphina*, *Dismorphia lucilla*, *D. leuconia*, *D. limonea*, *D. alterata*, *D. flammula*, *D. fervida*, *D. broomeae*; Neotropics]
1900. On a small collection of insects, chiefly Lepidoptera, from Nicaragua. *Entomologist* 33(446): 189-191 (July) [general]
- 1901a. A revision of the butterflies of the genus *Precis*, with notes on the seasonal phases of the species. *Annals and Magazine of natural History* (7)8(45): 196-216 (1 September) [general; new species: *P. fuscescens*; Neotropics]
- 1901b. On names applied to certain species of the pierid genus *Catasticta*. *Entomologist* 34(462): 301-303 (November) [general; new species: *C. crowleyi*, *C. jacinta*, *C. apaturina*; Venezuela, Bolivia, Ecuador]
1902. On some butterflies from St. Lucia, W. Indies, collected by Major A. H. Cowie, R.E., F.Z.S. *Proceedings of the zoological Society of London* 1901(2)(2): 711-714 (1 April) [general; new species: *Cystineura cowiana*]
- 1904a. On seasonal phases in butterflies. *Proceedings of the zoological Society of London* 1904(2)(1): 142-144 (1 October) [general]
- 1904b. The butterflies of the group Callidryades and their seasonal phases. *Annals and Magazine of natural History* (7)14(84): 410-414 (1 December) [general; Neotropics]
- Butler, Arthur Gardiner, and Herbert Druce**
1872. Descriptions of new genera and species of Lepidoptera from Costa Rica. *Cistula entomologica* 1(5): 95-118 (20 July) [general; *Dircenna lonera*, *D. relata*, *Ithomia plaginota*, *Pteronymia* (new genus) *olyrilla*, *P. notilla*, *P. fulvimargo*, *Leucothyris rubescens*, *Taygetis umbracea*, *T. incerta*, *Euptychia argentella*, *E. insolata*, *Pedaliodes hulda*, *P. lithochalcis*, *Paphia herbacea*, *Phyciodes niveonotis*, *Myscelia pattenia*, *Megalura valetta*, *Apatura plesaurina*, *Eueides vulgiformis*, *Eurygonia regipennis*, *E. aurantia*, *Emesis olivae*, *E. furor*, *Mesosemia frequens*, *Lampides zachaeina*, *Strymon pastor*, *S. agricolor*, *S. coelicolor*, *Mithras augustinus*, *Bithys azurinus*, *B. hesperitis*, *Tmolus crolinus*, *T. invisus*, *T. halciones*, *T. isobeaon*, *T. vespasianus*, *T. charichlorus*, *T. denarius*, *Terias persistens*, *T. calceolaria*, *Leptophobia tenuicornis*, *Pieris notistriga*, *P. noctipennis*, *Dismorphia lunina*, *Arteurotia* (new genus) *tractipennis*, *Erycides socius*, *Carystus deceptus*, *C. epincinea*, *Phlebodes justinoides*, *Pamphila uniformis*, *P. inimica*, *Thanaos invisus*, *Achlyodes sempiternus*, *A. viridiceps*, *Helias lactifera*, *Aegiale indecisa*]
1874. List of the butterflies of Costa Rica, with descriptions of new species. *Proceedings of the zoological Society of London* 1874(3): 330-370 (October) [general; *Euptychia disaffecta*, *Oxeoschistus submaculatus*, *Ectima rectifascia*, *Catasticta theresa*, *Dismorphia pallidula*, *Papilio rhodostictus*]
- Butler, Carol A.**
2014. The need for milkweed: report on the international initiative to address the decline of the Monarch Butterfly (*Danaus plexippus*). *News of the Lepidopterists' Society* 56(3): 128-135, 4 figs. (August) [migration; conservation; Mexico]
- 2017a. Hybrid mating. *News of the Lepidopterists' Society* 59(3): 133, 2 figs. (25 August) [*Heliconius melpomene* (Linnaeus), *H. cydno* Doubleday, *H. heurippa* Hewitson]
- 2017b. Discovering Jamaican butterflies and their relationships around the Caribbean (2017). By Thomas Turner and Vaughan Turland. *News of the Lepidopterists' Society* 59(3): 159, 1 fig. (25 August) [general; book review]
- Butler, Jerry F.**
2007. See Hall, D. W. et al., 2007.
- Butler, Michael W.**
2009. See Meadows, M. G. et al., 2009.
- Butler, Montagu Russell**
1874. Description of three new species of diurnal Lepidoptera. *Proceedings of the zoological Society of London* 1873(3): 686-687 (April) [*Pamphila flossites*; Brazil]
- Butler, Robert B.**
1964. A Mexican satyrid at light. *Journal of the Lepidopterists' Society* 18(2): 116 (28 August) [*Taygetis mermeria* form (?) *excavata* Butler]
- Butorovic, Nicolás**
2005. See Pérez, V. et al., 2005.
- Butts, C. T.**
2018. See Smith, G. et al., 2018.
- Buxton, Patrick Alfred** [1892-1955]
1910. Lepidoptera in Jamaica. *Reports of the Rugby School natural History Society* 43: 39-41, 3 pls. [general; behavior]
1911. Lepidoptera in Jamaica. *Reports of the Rugby School natural History Society* 44: 25-26. [general]
- Buys, Sandor**
2010. See Couri, M. S. et al., 2010.
- Buzato, Silvana**
2007. See Lopes, L. E. & S. Buzato, 2007.
- Buzatto, Cristiano Roberto**
2012. See Pedron, M. et al., 2011.
- Buzzi, Zundir José**
1994. *Coletânea de nomes populares de insetos do Brasil*. Curitiba, Universidade Federal do Paraná. [v] + 230 pp. [general]
- Bybee, Seth M.**
- 2010a. See Briscoe, A. D. et al., 2010a.

2010b. See Briscoe, A. D. et al., 2010b.

**Bybee, Seth M., Furong Yuan, Monica Denise Ramstetter, Jorge Enrique Llorente, Robert D. Reed, Daniel Osorio and Adriana Darielle Briscoe**

2012. UV photoreceptors and UV-yellow wing pigments in *Heliconius* butterflies allow a color signal to serve both mimicry and intraspecific communication. *American Naturalist* 179(1): 38-51, 4 figs., 1 tab. (January) [general]

**Bye, Robert A.**

1991. See Kevan, P. G. & R. A. Bye, 1991.

**Byers, George William** [1923-2018]

1971. A migration of *Kricogonia castalia* (Pieridae) in northern Mexico. *Journal of the Lepidopterists' Society* 25(2): 124-125 (19 May)

**Byers, Kelsey J. R. P.**

2019. See Darragh, K. et al., 2019.

# C

- Caballer, Manuel**  
2009. See Bacallado, J. J. et al., 2009.
- Caballero, Martha**  
1999. See Olivares, J. et al., 1999.
- Caballero, Nubia, and Carlos Rafael Cordero**  
2012. Enigmatic liaisons in Lepidoptera: A review of same-sex courtship and copulation in butterflies and moths. *Journal of Insect Science* 12(138): 1-11, 3 tabs. (26 November) [general; behavior; Neotropics]  
2013. Male mating costs in a butterfly that produces small ejaculates. *Physiological Entomology* 38(4): 318-325, 1 fig., 1 tab. (December; published online 16 September) [*Leptophobia aripa elodia* (Boisduval); host plants; Mexico]
- Caballero, Ubaldo**  
2015. See León, J. L. et al., 2015.  
2016. See Molina, A. et al., 2016.  
2019. See León, J. L. et al., 2019.
- Cabanillas, Eugenio**  
1956. See Spencer, J. L. et al., 1956.
- Cabello, Gertrudis, María E. Rodríguez and Nicolás Hrepic**  
1974. Biología de *Diogas eripus* [sic]. *Publicaciones entomológicas. Departamento de Biología. Facultad de Ciencias. Universidad de Chile. Sede Oriente* 11: 39-47, figs. [Chile]
- Cabette, Helena Soares Ramos, Jaqueline Rodrigues de Souza, Yulie Shimano and Leandro Juen**  
2017. Effects of changes in the riparian forest on the butterfly community (Insecta: Lepidoptera) in Cerrado areas. *Revista brasileira de Entomologia* 61(1): 43-50, 4 figs., 1 tab. (March; published online 3 November 2016) [general; Brazil]
- Cabral, Bérítés Carmo**  
1999. See Diniz, I. R. et al., 1999.  
2004. See DeVries, P. J. et al., 2004.
- Cabral, José Renato Santos**  
2002. See Reinhardt, D. H. et al., 2002.
- Cabrejos, Augusto**  
1946. Plagas generales y comunes que atacan a las hortalizas. *La Vida agrícola* (Lima) 23(273): 651-655 (August) [*Pieris monuste* (Linnaeus), *P. protodice* Boisduval & Le Conte; life history; Peru]
- Cabrera, Diana**  
2011. See Castillo, R. M. et al., 2011.
- Cabrera, Gerardo**  
1998. See Puig, J. et al., 1998.
- Cabrera, Irma**  
2010. See Segarra, A. E. et al., 2010.
- Cabrera, James Alexis**  
2018. See Acevedo, A. A. et al., 2018.
- Cabrera, Maira**  
1999. See Osborn, F. R. et al., 1999.
- Cabrera, Ricardo, Carlos Joaquín Morales-Morales, Eduardo Aguilar-Astudillo and Julio César Gómez-Castañeda**  
2016. Heliconinos de la colección entomológica de la Facultad de Ciencias Agronómicas, Villaflores, Chiapas, México. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) Número especial 2: 34-38, 1 tab. (July) [general]
- Cabrera, Silvia**  
1993. See Parada, E. et al., 1993.
- Cáceres, Julián**  
1998. Eugenio Giacomelli (1876-1941): Científico y literato. Su visión premonitoria. *Miscelánea. Academia nacional de Ciencias* (Córdoba) 97: 1-33, figs. [general; history; Argentina]
- Cachet, Xavier, Jerome Langrand, Cecile Bottai, Hanh Dufat, Corinne Locatelli-Jouans, Emmanuel Nossin and Denis Boucaud-Maitre**  
2016. Detection of aristolochic acids I and II in "Chiniy-trèf", a traditional medicinal preparation containing caterpillars feeding on *Aristolochia trilobata* L. in Martinique, French West Indies. *Toxicon* 114: 28-30, 2 figs. (May; published online 12 February) [*Battus polydamas cebriones* (Dalman); host plant]
- Cadavid, Isabel Cristina**  
2017. See Marín, M. A. et al., 2017.
- Caetano, Carlos A.**  
1999. See Soares, A. et al., 1999.
- Cadiou, Jean-Marie [1941-2007]**  
2009. See Janzen, D. H. et al., 2009.
- Cai, Dongsheng**  
2013. See Okada, N. et al., 2013.
- Cai, Ye**  
2008. See Weatherspoon, M. R. et al., 2008.
- Cain, Arthur James [1921-1999]**  
1990. Constantine Samuel Rafinesque Schmaltz on classification. A translation of early works by Rafinesque with introduction and notes. *Tryonia* 20: [i-ii], 1-240, frontisp. [general; taxonomy; nomenclature; history]
- Caire, Philippe Aristides [1855-1925]**  
1916. *A cultura da carrapateira (mamoneira)*. Rio de Janeiro, Ministerio da Agricultura, Industria y Comercio. 10 pp. [general; Brazil]
- Caires, Claudenir Simões**  
2012. See Uchôa, M. A. et al., 2012.
- Calafiori, Maria Helena**  
1988. See Palladini, R. et al., 1988.
- Calatayud, María de los Angeles**  
1984. *Catálogo de las expediciones y viajes científicos españoles a América y Filipinas (siglos XVIII y XIX). Fondos del Archivo del Museo Nacional de Ciencias Naturales*. Madrid, Consejo Superior de Investigaciones Científicas. 433 pp., 23 pls. [general; history of collections]  
1987. *Catálogo de documentos del Real Gabinete de Historia Natural (1752-1786). Fondos del Archivo del Museo Nacional de Ciencias Naturales*. Madrid, Consejo Superior de Investigaciones Científicas. xxii + 417 + [7] pp., 28 pls., figs. [general]
- Caldas, Astrid**  
1991. A population of *Anaea ryphea* (Nymphalidae) and its larval food plant in Campinas, Brazil. *Journal of the Lepidopterists' Society* 45(1): 68 (14 August)  
1994. Biology of *Anaea ryphea* (Nymphalidae) in Campinas, Brazil. *Journal of the Lepidopterists' Society* 48(3): 248-257, 10 figs. (17 August) [egg, larva, pupa, imago; host plant]  
1995a. Population ecology of *Anaea ryphea* (Nymphalidae): Immatures at Campinas, Brazil. *Journal of the Lepidopterists' Society* 49(3): 234-245, 2 figs., 4 tabs. (26 September) [host plant]  
1995b. Mortality of *Anaea ryphea* (Lepidoptera: Nymphalidae) immatures in Panama. *Journal of Research on the*

- Lepidoptera* 31(3/4): 195-204, 2 figs., 2 tabs. (1 November) [host plant]
- 1996a. Fifth instar parasitoids of *Anaea ryphea* (Nymphalidae): The missing data. *Journal of the Lepidopterists' Society* 50(1): 89-90 (26 April) [host plant; Brazil]
- 1996b. Intraspecific variation in *Anaea ryphea* Cramer and *Anaea euryppyle* C. and R. Felder (Nymphalidae). *Journal of Research on the Lepidoptera* 32: 37-44, 3 figs., 1 tab. (1 May) [general]
- 1996c. Intra-seasonal variation in a population of *Fountainea ryphea* (Cramer) (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 13(2): 399-404, 3 tabs. (14 November) [host plant; Brazil]
1997. Notes on the male genitalia of the *Anaea ryphea* - *Anaea euryppyle* complex (Nymphalidae). *Journal of the Lepidopterists' Society* 51(1): 83-90, 6 figs. (4 April) [morphology; taxonomy]
2010. See Robbins, R. K. et al., 2010a.
2011. See Francini, R. B. et al., 2011a.
- Caldas, Astrid, and Fernando de Camargo Passos**
1996. Comments on plant-herbivore-parasitoid interactions in the Cerrado area of southern Brazil. *Revista brasileira de Zoologia* 13(2): 405-410, 4 tabs. (14 November) [general; host plants]
- Caldas, Astrid, and Robert Kanner Robbins**
2003. Modified Pollard transects for assessing tropical butterfly abundance and diversity. *Biological Conservation* 110(2): 211-219, 3 figs., 5 tabs. (April; published online in January) [general; Brazil]
- Caldeira, Edgard da Silveira, and José Travassos Vieira**
1938. *Primeiro catalogo dos insetos que vivem nas plantas do Estado do Pará*. Belém, Diretoria Geral da Agricultura e Pecuária do Estado do Pará. [iv] + 17 pp. (October) [general; host plants; Brazil]
- Calderón, Anderson Martín**
2007. See Camero, E. & A. M. Calderón, 2007.
- Calderón-Santoyo, Montserrat**
2017. See García-Mendoza, A. J. et al., 2017.
- Caldwell, Patricia May, and Robert L. Kluge**
1993. Failure of the introduction of *Actinote antea*s (Lep., Acraeidae) from Costa Rica as a biological control candidate for *Chromolaena odorata* (Asteraceae) in South Africa. *Entomophaga* 38(4): 475-478, 1 tab. [life history]
- Caldwell, Roy L.**
2003. See Cronin, T. W. et al., 2003.
- Caldwell, Wendy**
2019. See Cariveau, A. B. et al., 2019.
- Calero, Humberto, Inge Armbrrecht and James Montoya**
2014. Mariposas diurnas y nocturnas (Lepidoptera: Papilionoidea [sic], Saturniidae, Sphingidae) del Parque Nacional Natural Gorgona, Pacífico colombiano. *Revista de Biología tropical* 62(Suppl. 1): 317-328, 3 figs., 3 tabs. (February; published online 1 February) [general]
- Calhoun, John V.**
1993. See Iftner, D. C. et al., 1993.
1996. Conquering soldiers: The successful invasion of Florida by *Danaus eresimus* (Lepidoptera: Nymphalidae). *Holarctic Lepidoptera* 3(1): 7-18, 13 figs. (15 June) [ecology; life history; host plants; behavior; Mexico, West Indies]
- 1997a. Notes on the taxonomic status of *Ascia monuste crameri* (Lepidoptera: Pieridae). *Holarctic Lepidoptera* 4(1): 25-26, 1 fig. (25 June) [Surinam]
- 1997b. Updated list of the butterflies and skippers of Florida (Lepidoptera: Papilionoidea and Hesperioidea). *Holarctic Lepidoptera* 4(2): 39-50, 1 fig. (20 December) [general; Neotropics]
2000. See Glassberg, J. et al., 2000.
2004. *Histoire générale et iconographie des lépidoptères et des chenilles de l'Amérique septentrionale* by Boisduval & Le Conte (1829-[1837]): Original drawings used for the engraved plates and the true identities of four figured taxa. *Journal of the Lepidopterists' Society* 58(3): 143-168, 45 figs., 2 tabs. (27 October) [general]
2006. See Salvato, M. H. et al., 2006.
2007. The identity of *Papilio daunus* Cramer (Hesperiidae): A re-examination with new evidence. *Journal of the Lepidopterists' Society* 61(2): 105-112, 5 figs. (20 August) [Surinam]
2010. The identities of *Papilio evarete* Cramer and *Papilio genoveva* Cramer (Nymphalidae), with notes on the occurrence of *Junonia evarete* in Florida. *News of the Lepidopterists' Society* 52(2): 47-51, 18 figs. (30 May) [general; Neotropics]
2011. See Warren, A. D. & J. V. Calhoun, 2011.
2017. A second edition of *Lepidoptera, Rhopaloceres and Heteroceres* by Herman Strecker, with notes on the first edition and supplements. *Journal of the Lepidopterists' Society* 71(2): 81-91, 5 figs., 1 tab. (13 June) [general; history; bibliography]
- Calhoun, John V., and Richard A. Anderson**
1991. A review of the status of *Eurema daira palmira* (Poey) (Pieridae) in Florida, including additional records from the lower Florida Keys. *Journal of the Lepidopterists' Society* 45(1): 58-62, 9 figs. (14 August) [West Indies]
- Calhoun, John V., and Susan F. Kolterman**
2018. *Papilio (Heraclides) caiguanabus* Poey (Papilionidae): a new U.S. record from the Florida Keys, with notes on its name and food plant. *News of the Lepidopterists' Society* 60(2): 84-87, 6 figs. (17 May) [larva, pupa, imago; Cuba]
- Calhoun, John V., Jeffrey R. Sloten and Mark H. Salvato**
2002. The rise and fall of tropical blues in Florida: *Cyclargus ammon* and *Cyclargus thomasi bethunebakeri* (Lepidoptera: Lycaenidae). *Holarctic Lepidoptera* 7(1): 13-20, 2 figs. (20 December) [life histories; host plants; Antilles]
- Calhoun, John V., and Andrew David Warren**
2011. Clement W. Baker (1886-1959) and the transfer of his Lepidoptera collection to the McGuire Center. *News of the Lepidopterists' Society* 53(1): 26-29, 3 figs. (7 June) [general; history]
- Calhoun, John V., and David M. Wright**
2017. Remarks on the recent publication of Titian R. Peale's "lost manuscript," including new information about Peale's Lepidoptera illustrations. *Journal of Research on the Lepidoptera* 49: 21-51, 6 figs., 1 tab. (31 December 2017; published online 1 May 2016) [general; Neotropics]
- Callaghan, Curtis John [1943- ]**
1977. Studies on restinga butterflies. I. Life cycle and immature biology of *Menander felsina* (Riodinidae), a myrmecophilous metalmark. *Journal of the Lepidopterists' Society* 31(3): 173-182, 12 figs. (16 September) [host plant; egg, larva, pupa, imago; behavior; ecology; Brazil]
1978. Studies on Restinga butterflies. II. Notes on the population structure of *Menander felsina* (Riodinidae). *Journal of the Lepidopterists' Society* 32(1): 37-48, 3 tabs. (7 April) [Brazil]
1979. A new genus and a new subspecies of Riodinidae from Southern Brazil. *Bulletin of the Allyn Museum* 53: 1-7, 13 figs. (27 September) [*Petrocerus*, *Apodemia paucipuncta moedensis*]
1981. Notas sobre un caso de sinonimia entre las Riodinidae mexicanas. *Revista de la Sociedad mexicana de Lepidopterología* 6(2): 41-42, 2 figs. (15 March) [*Lemonias caliginea* (Butler) = *Anatole rossi* Clench]

- 1982a. Three new genera of riodinids from Mexico and Central America. *Revista de la Sociedad mexicana de Lepidopterología* 7(2): 55-63, 5 pls. (25 February) [*Pseudonympha*, *Pixus*, *Lamphiotis*]
- 1982b. Notes on the immature biology of two myrmecophilous Lycaenidae: *Juditha molpe* (Riodiniinae) and *Panthiades bitias* (Lycaeninae). *Journal of Research on the Lepidoptera* 20(1): 36-42, figs. A-K (20 September) [Colombia]
- 1983a. A new genus of riodinid butterflies. *Bulletin of the Allyn Museum* 78: 1-7, 3 figs. (7 March) [*Mycastor*; Peru, Brazil]
- 1983b. A study of isolating mechanisms among Neotropical butterflies of the subfamily Riodiniinae. *Journal of Research on the Lepidoptera* 21(3): 159-176, 9 figs. (15 October) [general; Brazil, Colombia, Panama]
1984. Notes on the genus *Imelda* (Riodiniinae). *Journal of the Lepidopterists' Society* 37(3): 254-256, figs. A-H (27 April) [Colombia, Ecuador]
- 1985a. A preliminary revision of the genus *Nymphidium* (Rhopalocera, Riodinidae). Part I. Introduction. *Mantus-Baoetia* [sic] complex. *Bulletin of the Allyn Museum* 98: 1-21, 38 figs., 3 maps (24 October) [new taxa: *N. fulminans sardinata*, *N. aurum*, *N. latibrunis*, *N. manicorensis*, *Pseudonymphidia*; Panama, South America]
- 1985b. Notes on the zoogeographic distribution of butterflies of the subfamily Riodiniinae in Colombia. *Journal of Research on the Lepidoptera*, Supplement 1: 51-69, 3 figs., 2 tabs. ([after October]) [general]
- 1986a. A preliminary revision of the genus *Nymphidium* (Riodiniinae). Part II. The *azanoides* complex. *Bulletin of the Allyn Museum* 100: 1-7, 15 figs., 1 map. (30 January) [new subspecies: *N. azanoides occidentalis*, *N. a. amazonensis*; Costa Rica, Panama; South America]
- 1986b. Notes on the biology of *Stalachtis susanna* (Lycaenidae: Riodiniinae) with a discussion of riodinid larval strategies. *Journal of Research on the Lepidoptera* 24(3): 258-263, 4 figs. (1 April) [general]
- 1986c. Restinga butterflies: Biology of *Synargis brennus* (Stichel) (Riodinidae). *Journal of the Lepidopterists' Society* 40(2): 93-96, 9 figs. (23 October) [egg, larva, pupa, imago; host plant; Brazil]
1988. A preliminary revision of the genus *Nymphidium* (Riodinidae) III. The *omois* group. *Bulletin of the Allyn Museum* 119: 1-6, 19 figs. (11 August) [new species: *N. ariari*; Costa Rica, Panama, Colombia, Venezuela]
1989. Notes on the biology of three riodinine species: *Nymphidium lisimon attenuatum*, *Phaenochitonia sagaris satnius*, and *Metacharis ptolomaeus* (Lycaenidae: Riodiniinae). *Journal of Research on the Lepidoptera* 27(2): 109-114, 6 figs. (15 July) [host plants; Brazil]
- 1993a. Notes on the immature biology of two riodinine butterflies: *Metacharis ptolomaeus* and *Napaea nepos orpheus* (Lycaenidae). *Journal of Research on the Lepidoptera* 30(3/4): 221-224, 4 figs. (1 December) [eggs, larvae, pupae; host plants; Brazil]
- 1993b. Neotropical Riodiniinae endemic to the Chocó region of western Colombia. *Occasional Paper of the IUCN Species Survival Commission* 8: 153. [general]
1995. Les types des Riodinidae du Muséum national d'Histoire naturelle de Paris (Lepidoptera, Rhopalocera). *Bulletin de la Société entomologique de France* 100(2): 153-155 ("June", [15 May]) [general]
- 1997a. A revision of the *Euselasia orfita* complex (Riodinidae). *Journal of the Lepidopterists' Society* 51(1): 62-74, 40 figs. (4 April) [general; new species: *E. cyanira*; taxonomy; distribution; South America]
- 1997b. A review of the genus *Panara* Doubleday, 1857 (Riodinidae) in southeast Brazil, with a description of two new subspecies. *Journal of Research on the Lepidoptera* 34(1/4): 21-38, 38 figs. (15 December) [*P. soana bacana*, *P. s. ruschii*]
1999. New taxa of Neotropical Riodinidae (Lepidoptera). *Revista brasileira de Zoologia* 16(4): 1045-1064, 70 figs. (30 December) [*Euselasia azurea*, *E. albomaculiga*, *E. pseudomys*, *E. pance*, *E. eberti*, *Mesosemia bahia*, *Pterographium elegans chochoensis*, *Ematurgina grandis*, *Pachythone sumare*, *Audre middletoni diamantina*, *Synargis calyce pernambuco*, *Nymphidium trinidadii*, *N. smalli*; Colombia, Brazil, Peru, Panama, Trinidad, Venezuela]
- 2001a. New riodinids from the Central Brazilian plateau (Lepidoptera, Riodinidae). *Revista brasileira de Zoologia* 18(3): 765-778, 45 figs. (30 September) [*Euselasia thucydides truncata*, *Mesosemia pardalis*, *Eurybia rubeolata planaltensis*, *Symmachia basilissa paracatuensis*, *Thisbe rupestre*, *Audre drucei nordensis*, *A. caracensis*, *Nymphidium caricae goiacensis*; behavior; Argentina]
- 2001b. The genus *Hypophylla* Boisduval, 1836 (Riodinidae) with descriptions of new taxa. *Journal of the Lepidopterists' Society* 54(4): 119-130, 60 figs. (10 December) [*H. caldensis*, *H. idae*; behavior; Central America, Colombia, Ecuador]
- 2003a. See Hall, J. P. W. & C. J. Callaghan, 2003.
- 2003b. The biology of *Melanis leucophlegma* (Stichel, 1910) (Riodinidae) in western Peru. *Journal of the Lepidopterists' Society* 57(3): 193-196, 9 figs., 1 tab. (29 September) [egg, larva, pupa; host plant; behavior]
2008. The biology of *Rhamma arria* in Colombia (Lepidoptera: Lycaenidae). *Topical Lepidoptera Research* 18(1): 60-61, 7 figs. (1 June) [egg, larva, pupa, imago; host plant]
2010. A re-evaluation of the *Aricoris constantius* group, with the recognition of three species (Lepidoptera: Riodinidae). *Zoologia* (Curitiba) 27(3): 395-402, 13 figs. (30 June) [taxonomy; Brazil, Paraguay]
2013. See Greve, R. R. et al., 2013.
2014. See Siewert, R. R. et al., 2014c.
- 2017a. See Kaminski, L. A. et al., 2017.
- 2017b. See Costa, M. et al., 2017.
- 2018a. See Trujano, M. et al., 2018.
- 2018b. See Seraphim, N. et al., 2018.
2019. Notes on the biology of a nonconformist *Catasticta* species from Colombia: *Catasticta philothea* (Lepidoptera: Pieridae). *Journal of the Lepidopterists' Society* 73(3): 203-207, 15 figs. (6 September) [host plant]
- Callaghan, Curtis John, and Gerardo Lamas**
2004. *Riodinidae*, pp. 141-170. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general; new subspecies: *Euselasia euboaea pasoula*]
- Callaghan, Curtis John, Jorge Enrique Llorente and Moisés Armando Luis**
2007. Descriptions of four new Mexican riodinids (Lepidoptera: Riodinidae). *Zootaxa* 1660: 33-43, 15 figs. (14 December) [*Euselasia pontasis*, *E. aurantiaca aurum*, *Exoplisia azuleja*, *Synargis nymphidioides septentrionalis*]
2011. A new Mexican *Mesene* (Lepidoptera, Riodinidae). *Zootaxa* 2896: 53-64, 27 figs., 1 tab. (28 May) [*M. jimena*; behavior, ecology, biogeography]
2013. A new species of *Euselasia* Hübner from Meso-America and Mexico with notes on the *eurypus* group (Lepidoptera, Riodinidae). *Zootaxa* 3701(1): 54-62, 28 figs. (16 August) [*E. oaxacensis*]
- Callaghan, Curtis John, and Carlos Eduardo Beserra Nobre**

2014. A new species of *Pheles* Herrich-Schaeffer from Northeast Brazil (Lepidoptera, Riodinidae). *Zootaxa* 3780(3): 558-566, 23 figs. (24 March) [*P. caatingensis*; behavior; mimicry]
- Callaghan, Curtis John, and Julián Adolfo Salazar**  
1997. A new species of Riodinidae from Colombia. *Journal of the Lepidopterists' Society* 51(1): 57-61, 8 figs. (4 April) [*Calydna volcanicus*]  
1999. A new species of *Mesene* from Colombia (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 10(1): 25-26, 8 figs. ("30 November", [30 December]) [*M. ingrumaensis*]
- Callaghan, Curtis John, and Alexandre Soares**  
2001. A review of the Cinericiformes section of the genus *Audre* Hemming and the description of a new subspecies (Riodinidae). *Revista brasileira de Zoologia* 18(3): 755-763, 20 figs. (30 September) [*A. guttata jaibensis*; Argentina, Brazil, Uruguay]
- Callan, Edward McCallum** [1912-1996]  
1974. See Evans, H. E. et al., 1974.
- Calle, Zoraida**  
2011. See Ascuntar, O. et al., 2011.
- Callegari, Iván**  
1996. See Inoue, T. & I. Callegari, 1996.  
1997. See Inoue, T. & I. Callegari, 1997.
- Callegari, Mario Clinton** [1958-2006]  
1988. See Racheli, T. & M. C. Callegari, 1988.
- Callier, Viviane**  
2018. How the butterfly got its spots (and why it matters). *Proceedings of the national Academy of Sciences of the United States of America* 115(7): 1397-1399, 1 fig. (13 February; correction published online 19 March) [*Heliconius*]
- Cally, Sébastien, Emeline Lhuillier, Amaia Iribar, Ivonne Janeth Garzón, Eric Coissac and Jérôme Murienne**  
2016. Shotgun assembly of the complete mitochondrial genome of the neotropical cracker butterfly *Hamadryas epinome*, *Mitochondrial DNA (A)* 27(3): 1864-1866, 1 fig. (3 May; published online 16 October 2014)
- Calmann, Gerta**  
1977. *Ehret. Flower painter extraordinary*. London, Phaidon Press Limited. 160 pp., 95 figs. [*Heliconius hecale* (Fabricius), *H. wallacei* Reakirt, *Philaethria dido* (Linnaeus)]
- Calmé, Sophie**  
2007. See Vester, H. F. M. et al., 2007.
- Caloca, Cristian**  
2011. See Aguayo, D. D. et al., 2011.
- Callagiron, Leopoldo Enrique** [1927- ]  
1957. Insectos entomófagos y sus huéspedes anotados para Chile. *Agricultura técnica* (Santiago de Chile) 17(1): 16-48 (June) [*Pyrameis carye* Hübner, *Tatochila* sp., *T. mercedis* (Eschscholtz)]
- Calvache, Hugo Hernán**  
1989. See Posada, L. et al., 1989.  
1999. See Aldana, J. A. et al., 1999.
- Calvache, Hugo Hernán, Pedro Nel Franco and Jorge Alberto Aldana**  
1998. *Opsiphanes cassina* (Felder). *Ceniavances* (Bogotá) 51: 1-3, figs. (September) [host plant; parasitoids; predators; Colombia]
- Calvache, Hugo Hernán, and Pedro León Gómez**  
1991. Comportamiento de las plagas de la palma de aceite en Colombia durante 1990. *Palmas* (Bogotá) 12(3): 7-14, 15 tabs., 4 graphs, 1 map [*Brassolis sophorae* (Linnaeus), *Opsiphanes cassina* C. Felder & R. Felder; host plants]
- Calvache, Hugo Hernán, Néstor Meneses and Rubén Gallozzi**  
2011. *Mejores prácticas agrícolas en el cultivo de palma del aceite. Manual para socios y productores independientes de HONDUPALMA*. Tegucigalpa, SNV Netherlands Development Organisation. 60 pp., figs. [*Opsiphanes cassina* C. Felder & R. Felder; host plant; Honduras]
- Calvert, Amelia Catherine Smith** [1876- ?], and **Philip Powell Calvert**  
1917. *A year of Costa Rican natural history*. New York, The Macmillan Company. xxii + 577 pp., frontisp., figs., maps. [general]
- Calvert, Philip Powell** [1871-1961]  
1907. An entomological journey in Mexico, with special reference to Odonata. *Entomological News* 18(6): 231-237 (June) [general]  
1917. See Calvert, A. C. S. & P. P. Calvert, 1917.  
1926. R. Torres Rojas. Estudios entomológicos Lepidópteros (Divulgación científico-literaria). *Entomological News* 37(5): 160 ("May"; [29 April]) [book review]
- Calvert, William H.** [1940- ]  
1977. See Brower, L. P. et al., 1977.  
1981. *Project 1958. Conservation of the Mexican monarch butterfly*. In: Farrell, A. (Ed.), *Yearbook 1980-81*. Geneva, World Wildlife Fund. [*Danaus plexippus* (Linnaeus); migration]  
1985. See Brower, L. P. & W. H. Calvert, 1985.  
1989. See Herman, W. S. et al., 1989.  
1991. See Weiss, S. B. et al., 1991.  
1993. See Maza, J. de la & W. H. Calvert, 1993.  
1994. Behavioral response of Monarch butterflies (Nymphalidae) to disturbances in their habitat - a group startle response? *Journal of the Lepidopterists' Society* 48(2): 157-165, 2 figs., 1 tab. (17 May) [*Danaus plexippus* (Linnaeus); Mexico]  
1995. See Brower, L. P. et al., 1995.  
2002. Monarch butterfly (*Danaus plexippus* L., Nymphalidae) fall migration: Flight behavior and direction in relation to celestial and physiographic cues. *Journal of the Lepidopterists' Society* 55(4): 162-168, 4 figs., 2 tabs. (8 April) [Mexico]  
2003. See Bojórquez, L. A. et al., 2003.  
2004. *Two methods of estimating overwintering monarch population size in Mexico*, pp. 121-127, 1 fig., 2 tabs. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration; Mexico]  
2011. See Brower L. P. et al., 2011.
- Calvert, William H., and Lincoln Pierson Brower**  
1982. The importance of forest cover for the survival of overwintering monarch butterflies (*Danaus plexippus*, Danaidae). *Journal of the Lepidopterists' Society* 35(3): 216-225, 4 figs., 2 tabs. (28 April) [Mexico]  
1987. The location of monarch butterfly (*Danaus plexippus* L.) overwintering colonies in Mexico in relation to topography and climate. *Journal of the Lepidopterists' Society* 40(3): 164-187, 6 figs., 1 tab. (23 January)
- Calvert, William H., Lincoln Pierson Brower and Robert O. Lawton**  
1992. Mass flight response of overwintering monarch butterflies (Nymphalidae) to cloud-induced changes in solar radiation intensity in Mexico. *Journal of the Lepidopterists' Society* 46(2): 97-105, 2 figs., 1 tab. (20 August) [*Danaus plexippus* (Linnaeus)]
- Calvert, William H., and James A. Cohen**  
1983. The adaptive significance of crawling up onto foliage for the survival of grounded overwintering monarch butterflies (*Danaus plexippus*) in Mexico. *Ecological Entomology* 8(4): 471-474, 2 figs. (November)

- Calvert, William H., Lee E. Hedrick and Lincoln Pierson Brower**  
1979. Mortality of the monarch butterfly (*Danaus plexippus* L.): Avian predation at five overwintering sites in Mexico. *Science* 204(4395): 847-851, 16 figs., 3 tabs. (25 May)
- Calvert, William H., Martin B. Hyatt and Norma P. Mendoza**  
1986. The effects of understory vegetation on the survival of overwintering monarch butterflies (*Danaus plexippus* L.) in Mexico. *Acta zoológica mexicana* (N. S.) 18: 1-17, 3 figs., 2 tabs. (December)
- Calvert, William H., and Robert O. Lawton**  
1993. Comparative phenology of variation in size, weight, and water content of eastern North American Monarch butterflies at five overwintering sites in Mexico. *Science Series. Natural History Museum of Los Angeles County* 38: 299-307, 6 figs., 4 tabs. (18 February) [*Danaus plexippus* (Linnaeus)]
- Calvert, William H., Stephen Baillie Malcolm, John I. Glendinning, Lincoln Pierson Brower, Myron Phillip Zalucki, Tonya Van Hook, James B. Anderson and Laura C. Snook**  
1989. Conservation biology of Monarch butterfly overwintering sites in Mexico. *Vida silvestre neotropical* 2(1): 38-48, 4 figs., 2 tabs. (June) [*Danaus plexippus* (Linnaeus)]
- Calvert, William H., and Matt W. Wagner**  
1999. *Patterns in the monarch butterfly migration through Texas-1993 to 1995*, pp. 119-125, 1 fig., 2 tabs. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Calvert, William H., Willow Zuchowski and Lincoln Pierson Brower**  
1981. Butterflies in the snow. *World Wildlife Fund monthly Report* 1981(12): 331-333, 1 fig. (December) [*Danaus plexippus* (Linnaeus); migration; Mexico]  
1982. The impact of forest thinning on microclimate in monarch butterfly (*Danaus plexippus* L.) overwintering areas of Mexico. *Boletín de la Sociedad botánica de México* 42: 11-18.  
1983. The effect of rain, snow and freezing temperatures on overwintering monarch butterflies in Mexico. *Biotropica* 15(1): 42-47, 4 figs., 2 tabs. (March) [*Danaus plexippus* (Linnaeus)]  
1984. Monarch butterfly conservation: Interactions of cold weather, forest thinning and storms on the survival of overwintering monarch butterflies (*Danaus plexippus* L.) in Mexico. *Atala* 9(1/2): 2-6, 9 figs., 1 tab. (April)
- Calvo, Concepción**  
2011. See Melo, V. et al., 2011.
- Calvo, Renán**  
1995. Lista preliminar de mariposas diurnas (Rhopalocera) de la zona de El Llano, Río Macho, Costa Rica. *Brenesia* (San José) 38: 163-166 ("1992", June 1995) [general]  
1998. Reproducción de *Oenomaus ortignus* [sic] (Lepidoptera: Lycaenidae) en Barva, Heredia, Costa Rica. *Revista de Biología tropical* 46(1): 101-104, 1 tab. (April) [life history; host plant]  
1999. Éxito reproductivo de *Caligo atreus* (Lepidoptera: Nymphalidae) en condiciones de cultivo. *Revista de Biología tropical* 47(3): 539-544, 4 tabs. ("September", October) [host plants; Costa Rica]  
2004. Parasitoidismo por dípteros en larvas de *Caligo atreus* (Lepidoptera: Nymphalidae) en Cartago, Costa Rica. *Revista de Biología tropical* 52(4): 915-917 (December) [host plant]
- Calyecac-Cortero, Humberta Gloria**  
2016. See López-Collado, J. et al., 2016.
- Calyecac-Cortero, Humberta Gloria, Andrés Miranda-Rangel, Leonardo Roberto Flores-Pérez and Luis Javier Dávila-Mata**  
2019. Interacciones de la mariposa monarca en la Cañada Ehécatl, Sierra de Guadalupe. *Entomología mexicana* 6: 428-433, 1 fig., 2 tabs. (July) [*Danaus plexippus* (Linnaeus); host plants; parasitoids; Mexico]
- Calzadilla, Ramón**  
1973. Nueva subespecie de *Phoebis avellaneda* (Merrich-Schäffer [sic]) (Lepidoptera: Pieridae) en Cuba. *Poeyana* 110: 1-2 (12 July) [*P. a. salvator*]
- Cama, Bruna**  
2019. See Rosser, N. et al., 2019b.
- Camacho, Alejandro D.**  
1999. See Bernal, M. A. & A. D. Camacho, 1999.
- Camacho, Jesús**  
1999. See Vilorio, Á. L. & J. Camacho, 1999.  
2015. See Vilorio, Á. L. et al., 2015.
- Camacho, Mónica Nunutsi**  
2012. See Ángel, A. L. et al., 2012.
- Câmara, Joseleide Teixeira**  
2018. See Pereira, S. et al., 2018.
- Câmara, Josenir Teixeira, Olaf Hermann Hendrik Mielke, Carlos Guilherme Costa Mielke, Eduardo Carneiro, Diego Rodrigo Dolibaina, Fernando Maia Silva Dias, Tauanny Maria Almeida Lima, Cláudia Fonseca Barros and Mirna Martins Casagrande**  
2017. *Lepidoptera: Hesperidae, Papilionidae, Pieridae, Nymphalidae, Lycaenidae, Riodinidae, Saturniidae e Sphingidae*, pp. 349-374, 18 figs., 7 tabs. In: Rafael, J. A. et al., *Insetos dos parques nacionais de Sete Cidades e de Ubajara*. In: Mantovani, W., R. F. Monteiro, Luiz dos Anjos & M. O. Cariello (Eds.), *Pesquisas em unidades de conservação no domínio da Caatinga. Subsídios à gestão*. Fortaleza, Edições UFC. [general; Brazil]
- Camargo, Amabilio José Aires de**  
2001. See Diniz, I. R. et al., 2001.  
2011. See Pereira, H. A. et al., 2011.
- Camargo, Amabilio José Aires de, and Renato Fernando Amabile**  
2001. Identificação das principais pragas do girassol na região Centro-Oeste. *Comunicado técnico. Embrapa Cerrados* 50: 1-4, figs. (July) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Camargo, Eduardo, Licléia da Cruz Rodrigues and Andréa Cardoso Araújo**  
2011. Pollination biology and reproduction of *Seemannia sylvatica* (Kunth) Hanstein (Gesneriaceae) in the Serra da Bodoquena National Park, Mato Grosso do Sul. *Biota neotropica* 11(4): 125-130, 3 figs., 2 tabs. (12 December) [*Parides anchises orbignyanus* (Lucas); Brazil]
- Camargo, Iván**  
2004. See Donegan, T. M. et al., 2004.
- Camargo, Roberto Silva**  
2015. See Baldin, E. L. L. et al., 2015.
- Cambero-Campos, Octavio Jhonathan**  
2019. See Cham, A. K. et al., 2019.
- Cambra, Roberto A.**  
2003. See Santos, A. & R. A. Cambra, 2003.  
2019. See Santos, A. et al., 2019.
- Cambranis, Eduardo**  
2016. See González, N. A. et al., 2016.
- Cambrón-Villalobos, Paloma, Edmundo López-Barbosa, Yurixhi Maldonado-López and Pablo Cuevas-Reyes**  
2019. Patrones de diversidad de artrópodos terrestres en un gradiente altitudinal. *Entomología mexicana* 6: 438-444, 3

- figs., 1 tab. (July) [Satyrinae; Mexico]
- Cambuí, Elaine Cristina Barbosa**  
 2009. See Vasconcelos, R. N. de et al., 2009.  
 2018. See Santos, J. P. dos et al., 2018.  
 2019a. See Santos, J. P. dos et al., 2019.  
 2019b. See Vasconcelos, R. N. de et al., 2019.
- Cambuí, Elaine Cristina Barbosa, Rodrigo Nogueira de Vasconcelos, Eduardo Mariano-Neto, Blandina Felipe Viana and Márcio Zikán Cardoso**  
 2017. Positive forestry: The effect of rubber tree plantations on fruit feeding butterfly assemblages in the Brazilian Atlantic forest. *Forest Ecology and Management* 397: 150-156, 4 figs. (1 August; published online 5 May) [general]
- Camero, Édgar Ernesto, and Anderson Martín Calderón**  
 2007. Comunidad de mariposas diurnas (Lepidoptera: Rhopalocera) en un gradiente altitudinal del cañón del Río Combeima – Tolima, Colombia. *Acta biológica colombiana* 12(2): 95-110, 5 figs., 4 tabs. (December) [general]
- Camero, Luis Alberto**  
 2017. See Castro, O. et al., 2017.
- Cameron, Alison**  
 2004. See Zakharov, E. V. et al., 2004b.
- Cameron, Stephen**  
 2006. See Rubinoff, D. et al., 2006.
- Camousseight, Ariel Luis** [1944-2010]  
 1975. Las especies descritas por el Prof. Carlos Silva Figueroa. *Noticiero mensual. Museo nacional de Historia natural* (Santiago de Chile) 19(222/223): 3-5 (January-February) [*Epinephele barrosi* Silva; Chile]  
 1980. Catálogo de los tipos de Insecta depositados en la colección del Museo Nacional de Historia Natural (Santiago, Chile). *Publicaciones ocasionales. Museo nacional de Historia natural* (Santiago de Chile) 32: 1-46, 1 map. [general]  
 1997. Peña G., L. E. y A. J. Ugarte P. 1997. Las mariposas de Chile. *Revista chilena de Entomología* 24: 89-90 (December) [general; book review]  
 2005. La contribución entomológica de R. A. Philippi entre 1859 y 1875 y el estado actual de sus especies. *Boletín del Museo nacional de Historia Natural de Chile* 54: 81-106 (November) [general; Chile]  
 2010. See Rojas, F. E. & A. L. Camousseight, 2010.
- Campbell, Dana L.**  
 2015. See Espeland, M. et al., 2015.
- Campbell, Dana L., Andrew Van Zandt Brower and Naomi E. Pierce**  
 2000. Molecular evolution of the *wingless* gene and its implications for the phylogenetic placement of the butterfly family Riodinidae (Lepidoptera: Papilionoidea). *Molecular Biology and Evolution* 17(5): 684-696, 5 figs., 5 tabs. (1 May)
- Campbell, Dana L., and Naomi E. Pierce**  
 2003. *Phylogenetic relationships of the Riodinidae: Implications for the evolution of ant association*, pp. 395-408, 4 figs., 2 tabs. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [general]
- Campbell, David G.**  
 1978. *The ephemeral islands. A natural history of the Bahamas*. London, Macmillan. viii + 153 pp., 24 pls., figs., 1 map. [general]
- Campbell, J. L.**  
 1963. Butterflies and moths in the neighbourhood of the Windsor Hotel, St. Ann's Bay, Jamaica, February 16th to March 6th and March 11th to March 15th 1962. *Entomologist's Record and Journal of Variation* 75(3): 73-76 (15 March) [general]
1969. Return to Jamaica. *Entomologist's Record and Journal of Variation* 81(9): 251-252 (15 September) [general]
- Campis, Marcos Cesar**  
 2017. See Rosa, A. H. B. et al., 2017.
- Campos, Alcebiades Ribeiro**  
 1980a. See Villani, H. C. et al., 1980.  
 1980b. See Gravena, S. & A. R. Campos, 1980.
- Campos, Francisco** [1879-1962]  
 1898. Fauna entomológica ecuatoriana. Revista mensual de las especies que se presentan en Guayaquil y alrededores. *Boletín del Observatorio meteorológico del Colegio nacional "San Vicente"* (Guayaquil) 2(26): 254-259 (31 January), (27): 279-283 (28 February), (28): 301-305 (31 March); 3(29): 318-320 (30 April), (30): 342-344 (31 May), (31): 363-364 (30 June), (32): 380-382 (31 July), (33): 395-396 (31 August), (34): 411-414 (30 September), (35): 429-430 (31 October), (36): 442 (30 November), (37): 454-456 (31 December) [general]  
 1899. Exploraciones zoológicas en la Provincia del Guayas. I. Expedición entomológica a Chimbo. *Boletín del Observatorio meteorológico del Colegio nacional "San Vicente"* (Guayaquil) 4(42): 532-535 (30 June) [*Junonia* sp., *Pieris* sp.; Ecuador]  
 1900. Observaciones entomológicas. *Revista chilena de Historia natural* 4(4): 47-49 (April) [*Junonia coeno* [sic] Hübner, *Pieris monuste* (Linnaeus); predator; Ecuador]  
 1920. Mariposas ecuatorianas: La familia Pieridae. *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 2: 25-28 (July) [general]  
 1921. Estudios sobre la fauna entomológica del Ecuador. 1° Lepidópteros. *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 4: 16-62 (June) [general]  
 1926. Contribución al estudio de los insectos del callejón interandino. *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 8(25/26): 1-40 (July-December) [general; Ecuador]  
 1927a. Catálogo preliminar de los lepidópteros del Ecuador. Primera parte. Ropalóceros. *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 9(27/28): 3-106, 1 fig. (January-June) [general]  
 1927b. La delegación del Colegio Vicente Rocafuerte en visita de cordialidad a las ciudades de Riobamba y Ambato, con ocasión de sus efemérides de autonomía. *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 9(30/31): 27-77, figs. (July-December) [general; Ecuador]  
 1930a. Nuestras mariposas gigantes: El género *Caligo*. *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 12(40/41): 13-18. [general; ecology; behavior; Ecuador]  
 1930b. Mis afortunadas pesquisas entomológicas (85 especies nuevas de insectos ecuatorianos). *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 12(40/41): 27-45, pls. 1-2. [*Papilio belus camposia* Schaus]  
 1931. Entomoteratología. Tres mariposas anómalas. *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 13(44): 7-9, 1 pl. (January-June) [*Anartia amathea* (Linnaeus), *A. jatrophae* (Linnaeus); Ecuador]  
 1932a. Estudio sobre una pequeña colección de insectos de Puná Vieja y Archipiélago de Galápagos. *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 14(46/47): 9-14. [general; Ecuador]  
 1932b. Notas zoológicas (1929-1932). *Revista del Colegio nacional Vicente Rocafuerte* (Guayaquil) 14(46/47): 23-33. [*Pieris monuste* (Linnaeus); migration; Ecuador]  
 1937. El opúsculo "Baños: puerta del Amazonas". *Revista agropecuaria* (Guayaquil) 1(3): 72-74 (January) [general; Ecuador]  
 1943. Los insectos que visitan nuestras plantas cítricas. *Flora*



- (Quito) 3(7/10): 137-144 (December) [*Papilio epenetus* Hewitson, *Opsiphanes periphetes* Fruhstorfer; Ecuador]
- 1944a. La fauna entomológica de Guayaquil en vertiginosa exposición. *Flora* (Quito) 4(11/12): 125-134 ("May", after 14 June) [general; Ecuador]
- 1944b. Contribución preliminar al conocimiento de los insectos de la Provincia de Esmeraldas, pp. 583-596. In: Acosta-Solís, M. (Ed.), *Nuevas contribuciones al conocimiento de la Provincia de Esmeraldas*. Quito, Author. 1. [general; Ecuador]
1956. Mis afortunadas excursiones entomológicas (y otros artrópodos) por el territorio ecuatoriano. *Revista ecuatoriana de Higiene y Medicina tropical* 13(4): 267-270 (October-December) [*Papilio belus camposia* Schaus]
- Campos, Francisco Vladimir, Sergio Gerardo Stanford-Camargo, Marcela Patricia Ibarra-González and Saharay Gabriela Cruz-Miranda**
2009. *Efecto de la temperatura en tiempo de eclosión de huevos en Leptophobia aripa*, pp. 332-336, 4 figs. In: Estrada, E. G., A. Equihua, M. P. Chaires, J. A. Acuña, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 8. México, Sociedad mexicana de Entomología. [host plant; Mexico]
- Campos, Jesús**
2013. See Herrera, M. del C. et al., 2013.
- Campos, Júlia Nogueira Duarte**
2017. See Araújo, T. A. de et al., 2017.
- Campos, Lilia Aurora**
2001. See Delgado, C. et al., 2001.
2003. See Lamas, G. et al., 2003.
2007. See Lamas, G. & L. A. Campos, [2007].
- Campos, Lina Rocío**
2007. See Andrade, M. G. et al., 2007.
2010. See Bálint, Z. et al., 2010a.
- Campos, Lina Rocío, and Miguel Gonzalo Andrade**
2007. *Lepidópteros (mariposas)*, pp. 103-116, figs. 45-48, tabs. 26-31. In: Rangel, J. O. (Ed.), *Estudio de la caracterización biológica y ecológica integral, Fase I: Diagnóstico, evaluación y planificación del proceso de recuperación, protección y conservación del bosque natural de Agüil en el Municipio de Aguachica y Fase II: Formulación del Área Protectora del Agüil, Municipio de Aguachica-Cesar*. Bogotá, Universidad Nacional de Colombia. [general; Colombia]
2009. *Lepidópteros (Hesperioidea-Papilionoidea) asociados a bosque tropical del Caribe colombiano, un estudio de caso en el Bosque El Agüil, Aguachica, Cesar*, pp. 615-631, figs. 59-60, tabs. 89-96. In: Rangel, J. O. (Ed.), *Colombia. Diversidad biótica VIII. Media y baja montaña de la Serranía de Perijá*. Bogotá, Universidad Nacional de Colombia, Instituto de Ciencias Naturales. [general; Colombia]
- Campos, Lina Rocío, Jimena Gómez and Miguel Gonzalo Andrade**
2011. Mariposas (Lepidoptera: Hesperioidea - Papilionoidea) de las áreas circundantes a las ciénagas del Departamento de Córdoba, Colombia. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 35(134): 45-60, 4 figs., 3 tabs. (March) [general]
- Campos, Luciano Elliot** [1927-1989]
1953. Plagas entomológicas de la agricultura en Chile. *Cartilla. Departamento de Sanidad vegetal. Ministerio de Agricultura* (Santiago de Chile) 49: 1-16 (June) [*Colias vautieri* [sic] Guérin, *Pyrameis carye* Hübner, *Tatochila mercedes* (Eschscholtz)]
1973. See González, R. H. et al., 1973.
1978. See Klein, C. & L. E. Campos, 1978.
- Campos, Lúcio Antônio de Oliveira**
1997. See Mielke, O. H. H. et al., 1997.
2013. See Fonseca, R. S. et al., 2013.
- Campos, Ricardo Pamplona**
2012. See Danieli-Silva, A. et al., 2012.
- Campos, Roberto P.**
1996. See Picanço, M. C. et al., 1996.
- Campos, Rodolfo**
1995. See Cibrián, D. et al., 1995.
- Campos, Vitor César de**
2016. See Pinheiro, C. E. G. et al., 2016.
2019. See Pinheiro, C. E. G. & V. C. de Campos, 2019.
- Campos-Farinha, Ana Eugênia de Carvalho, and Nozor Paulo Outeiro Pinto**
1996. Natural enemies of *Chlosyne lacinia saundersii* [sic] Doubl. & Hew. (Lepidoptera: Nymphalidae) in the State of São Paulo. *Anais da Sociedade entomológica do Brasil* 25(1): 165-168, 2 figs., 1 tab. (April) [parasitoids; predators; Brazil]
- Campos-Farinha, Ana Eugênia de Carvalho, Nozor Paulo Outeiro Pinto and José Silvio Govone**
1997. Estudo do comportamento e desenvolvimento de lagartas de *Chlosyne lacinia saundersii* [sic], Doubleday & Hewitson (1849) (Lepidoptera: Nymphalidae), no ataque à uma planta de girassol (*Helianthus annuus* L.). *Arquivos do Instituto biológico* (São Paulo) 64(2): 143-147, 4 figs., 2 tabs. (July-December) [host plants; Brazil]
- Campos-Neto, Fernando Corrêa**
2000. See Brettas, E. P. et al., [2000].
2004. See Furtado, E. & F. C. Campos-Neto, 2004.
2012. See Beirão, M. do V. et al., 2012.
2013. See Silva, A. R. M. et al., 2013.
2015. See Bedê, L. C. et al., 2015.
- Campos-Velho, Nádia Maria Rodrigues de**
2005. See Bolfarini, M. P. et al., 2005.
2008. See Cinachi, J. V. & N. M. R. de Campos-Velho, 2008.
- Camus, Maria Elena**
1993. Operative programs in the Monarca, A.C., project. *Science Series. Natural History Museum of Los Angeles County* 38: 385-387 (18 February) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Canals, Gustavo R.**
1999. *Guía para la identificación de mariposas de las sierras bonaerenses*. La Plata, Author. 24 pp., figs. (May) [general; Argentina]
2000. *Mariposas bonaerenses. Butterflies of Buenos Aires*. Buenos Aires, Edición L.O.L.A. (Literature of Latin America). 347 pp., figs. (30 March) [general; behavior; Argentina]
2003. *Mariposas de Misiones*. Buenos Aires, L. O. L. A. 476 pp., figs. (March) [general; Argentina]
- Canals, Gustavo R., and Kurt Duane Johnson**
2000. A new species of *Angulopsis* (Lycaenidae, Eumaeini) from relict coastal forest in East-Central Argentina. *The taxonomic Report of the international Lepidoptera Survey* 2(3): 1-5, 3 figs. (15 July) [*A. puntalarensis*]
- Candelária, Murici Carlos, and Carlos Frederico Wilcken**
2014. *Palmistichus elaeisis* (Delvare & LaSalle, 1993) (Hymenoptera: Eulophidae), possible agent for the biological control of *Urbanus proteus* (Linnaeus, 1758) (Lepidoptera: Hesperidae). *Shilap* 42(167): 379-383, 1 fig. (30 September) [host plant; parasitoid; Brazil]
- Cane, James H.**
2000. See Roulston, T. H. & J. H. Cane, 2000.
- Canet, Noemí**
2018. See Murillo, L. R. & N. Canet, 2018.
- Canevari, Glauco da Cruz**
2009. See Silva, C. A. D. da et al., 2009.

- Cannon, Paula**  
2006. Bahamian swallowtails in the United States: First reports of the Cuban subspecies. *American Butterflies* 14(3/4): 4-15, figs. [*Papilio andraemon* (Hübner); life history; host plant]
- Cano, Rafael Stanley**  
2008. See Sermeño, J. M. et al., 2008.
- Cano-Santana, Zenón**  
2004. See Figueroa-Castro, D. M. & Z. Cano-Santana, 2004.  
2008. See Moyers-Arévalo, L. & Z. Cano-Santana, 2008.  
2009a. See Rueda-Salazar, A. M. & Z. Cano-Santana, 2009.  
2009b. See Velázquez-López, R. et al., 2009.  
2009c. See Moyers-Arévalo, L. & Z. Cano-Santana, 2009.  
2012. See Chávez, L. F. et al., 2012.
- Cantú-Ayala, César M.**  
2015. See Meléndez-Jaramillo, E. et al., 2015.  
2016. See Meléndez-Jaramillo, E. et al., 2016.  
2017. See Meléndez-Jaramillo, E. et al., 2017.  
2018. See Meléndez-Jaramillo, E. et al., 2018.
- Cantú-Fernández, Mariana**  
2015. See Martínez-Torres, H. et al., 2015.
- Canuto, Jaqueline Zocca, Talita Araújo Nogueira, Keith Spalding Brown, Jr. and André Victor Lucci Freitas**  
2008. Lepidoptera, Nymphalidae, Ithomiinae, *Scada reckia reckia*: Suggestion of recent range expansion throughout the state of Espírito Santo, SE Brazil. *Check List* 4(2): 159-160 (May)
- Cao, H. L.**  
2004. See Zhang, L. Y. et al., 2004.
- Cao, TianWen**  
2008. See Zhang, M. et al., 2008.
- Capdevielle-Dulac, Claire**  
2017. See Nattier, R. et al., 2017.
- Caporale, Andressa, Liana Bertoldi Moreno, Nicolás Oliveira Mega and Helena Piccoli Romanowski**  
2015. Butterflies (Lepidoptera: Papilionoidea and Hesperioidea) of the Bahado dos Pachecos Wildlife Refuge, Uruguayan Savanna Ecoregion, Rio Grande do Sul state, Brazil. *Check List* 11(6)(1813): 1-9, 3 figs., 2 tabs. (15 December) [general]
- Caporale, Andressa, Helena Piccoli Romanowski and Nicolás Oliveira Mega**  
2017. Winter is coming: Diapause in the subtropical swallowtail butterfly *Euryades corethrus* (Lepidoptera, Papilionidae) is triggered by the sorting of day length and reinforced by low temperatures. *Journal of Experimental Zoology* (A) 327(4): 182-188, 2 figs., 1 tab. (published online 28 August) [host plants; Brazil]
- Capronnier, Jean-Baptiste** [1814-1891]  
1874a. Notice sur les époques d'apparition des lépidoptères diurnes du Brésil recueillis par M. C. Van Volxem, dans son voyage en 1872. *Annales de la Société entomologique de Belgique* 17(1): 5-39, pl. 1 (30 July) [general; new taxa: *Pieris van volxemii*, *Colias pyrrothoea* variety *heliceoides*, *Terias sinoides*, *Thecla lenis*, *T. deborrei*, *Neonympha melobosis*, *N. abretia*, *Goniloba ploetzii*, *Carystus theogenis*, *C. lucia*, *Antigonus janthinus*]  
1874b. Observation relative à *Terias tenella*, Bdv. *Annales de la Société entomologique de Belgique* 17(1): 62 (30 July) [Brazil]  
1877. [A note]. *Annales de la Société entomologique de Belgique* 20: l-li (after 1 September) [Pieridae; Brazil, Argentina]  
1878. [A note]. *Annales de la Société entomologique de Belgique* 21(1): xxiii-xxiv (22 June) [*Pieris vanvolxemii* Capronnier = *P. achamantis* Berg; Argentina]  
1881. Note sur les époques d'apparition des lépidoptères diurnes de l'Amérique du Sud recueillis dans la province de Rio-Janeiro, par M. Thobie, en 1877. *Annales de la Société entomologique de Belgique* 25: 94-105 (after 6 August) [general; new species: *Neonympha thobieii*, *N. nerita*; Brazil]
- Capson, Todd L.**  
2009. See Helson, J. E. et al., 2009.  
2015. See Raudsepp-Hearne, C. et al., 2015.
- Carabias, Julia** [1954- ]  
2011. See Maza, J. de la & J. Carabias, 2011.
- Caracciolo, Henry** [1859-1934]  
1889. [A note]. *Bulletin des Séances de la Société entomologique de France* 1889(18): clxxviii ([5 October]) [also in *Bulletin de la Société entomologique de France* (6)9(3): clxxviii (22 January 1890)] [*Opsiphanes cassiae* (Linnaeus), *Danaus erippus* (Cramer); life histories; Trinidad]  
1891. [A note]. *Entomological News* 2(3): 52 (28 February) [*Papilio anchisiades* Esper; Trinidad]  
1892a. Notes on the collecting and rearing of larvae. *Journal of the Trinidad Field Naturalists' Club* 1(1): 3-5 (April) [general; host plants; Trinidad]  
1892b. Protective resemblance and mimicry in the *Caligo ilioneus* [sic] and other species of butterflies. *Journal of the Trinidad Field Naturalists' Club* 1(2): 31-33 (June) [general; behavior; Trinidad]
- Caranti, Giorgio M.**  
2018. See Poffo, D. A. et al., 2018.
- Carayon, Jacques** [1916-1997]  
1988. See Caussanel, C. & J. Carayon, 1988.
- Carbonell, Carlos Salvador** [1917- ]  
1944. See Ruffinelli, A. & C. S. Carbonell, 1944.  
1954. See Ruffinelli, A. & C. S. Carbonell, 1954.  
1957. See Biezanko, C. M. et al., 1957.  
1961. See Biezanko, C. M. et al., 1961.  
1962a. See Biezanko, C. M. et al., 1962a.  
1962b. See Biezanko, C. M. et al., 1962b.  
1966. See Biezanko, C. M. et al., 1966.  
1970. See Biezanko, C. M. et al., 1970.  
1975. *Insectos y arácnidos*, pp. 1-72, figs. In: Aljanati, D. (Ed.), *Fauna y flora del Uruguay*. Montevideo, Editorial Nuestra Tierra. 1. (July) [general]
- Cardé, Ring T.**  
1977. See Roelofs, W. L. & R. T. Cardé, 1977.
- Cardelus, Catherine**  
2011. See Laurance, W. F. et al., 2011.
- Cárdenas, Christel Pamela**  
2013. See Angulo, J. T. et al., 2013.
- Cárdenas, Christel Pamela, Jorge Leonel León and José Trinidad Angulo**  
2015. Diversidad, distribución y abundancia de mariposas en hábitats costeros de Sinaloa, México (Insecta: Lepidoptera). *Shilap* 43(169): 15-26, 5 figs., 2 tabs. (30 March) [general]
- Cárdenas, Christel Pamela, Jorge Leonel León, José Trinidad Angulo, Víctor Manuel Salomín and Marcos Bucio**  
2012. *Diversidad y abundancia de lepidópteros en Playa Ceuta, Elota, Sinaloa, México*, pp. 542-546, 1 fig., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(1). México, Sociedad mexicana de Entomología. [general]
- Cárdenas, Gloria, Michelle Mora, Max Murrieta, Brenda Quiñónez and Bryan Véliz**  
2016. Caracterización de lepidópteros diurnos presentes en tres áreas de la Hacienda Experimental Mútila. *Gestión ambiental* (Loma de Santa Cruz) 7(14): 5-14, figs., 6 tabs. (December) [general; Ecuador]
- Cárdenas, Rafael Enrique** [1981- ]  
2009a. See Barragán, A. R. et al., 2009.  
2009b. See Dangles, O. et al., 2009.

- 2009c. See Donoso, D. A. et al., 2009.
- Cárdenas, Reinaldo**  
 1970. See Benavides, M. & R. Cárdenas, 1970.  
 1976. See Posada, L. et al., 1976.  
 1979. See Pulido, J. I. & R. Cárdenas, 1979.  
 1987. See Saldarriaga, A. et al., 1987.  
 1989. Fuerte defoliación. *Notas y Noticias entomológicas* (Bogotá) 1988(11/12): 81 (21 February) [Hesperiidae; host plant; Colombia]  
 1994. See Bustillo, A. E. et al., 1994.  
 1995. See Posada, F. J. et al., 1995.  
 1996a. See Posada, F. J. et al., 1996.  
 1996b. See Posada, F. J. & R. Cárdenas, 1996.  
 2002. See López, C. & R. Cárdenas, 2002.  
 2003. See López, C. & R. Cárdenas, 2003.
- Cárdenas, Reinaldo, and Juan Raigosa**  
 1972. El gusano cabrito de la caña. *Caligo ilioneus* [sic] Cramer ssp. *oberon* Butler (Lepidoptera: Brassolidae). *Publicación miscelánea. Centro de Comunicaciones Tulio Ospina. Ministerio de Agricultura* (Medellín) 30: 1-12, 12 figs., 1 tab. (March) [egg, larva, pupa, imago; host plant; behavior; parasitoids; predators; Colombia]  
 1973. Observaciones sobre una plaga de la caña de azúcar. *Caligo ilioneus* [sic] - Cramer ssp. *oberon* Butler. *Fitotecnica latinoamericana* 9(1): 40-45, 8 figs. [egg, larva, pupa, imago; host plant; behavior; parasitoids; predators; Colombia]
- Cárdenas, Reinaldo, and Adolfo León Tróchez**  
 1969. El gusano "cabrito" en caña de azúcar. *Hoja divulgativa. Programa de Entomología. Instituto Colombiano Agropecuario* 4: [1]-[2], figs. (November) [*Caligo* sp.; host plant; Colombia]
- Cardeñosa, Ricardo**  
 1954. El género *Musa* en Colombia. Plátanos, bananos y afines. *Notas agronómicas* (Palmira) 6(1/3): xix + 389 pp., 229 figs., 3 tabs. ("January-December 1953", November 1954) [*Opsiphanes invirae* Godman & Salvin; host plant; Colombia]
- Cardillo, Marcel**  
 1999. Latitude and rates of diversification in birds and butterflies. *Proceedings of the royal Society of London* (B) 266(1425): 1221-1225, 1 fig., 2 tabs. (22 June) [Papilionidae]
- Cardim, M. C. F.**  
 1986. See Paschoal, I. et al., 1986.
- Cardín, Patricio C.** [1884-1919]  
 1915. *Informe del Departamento de Patología Vegetal y Entomología*, pp. 98-173, pls. 1-5. In: *Tercer Informe Anual*. La Habana, Estación Experimental Agronómica Santiago de las Vegas. 216 pp., figs. [general; Cuba]
- Cardinali, Lúcio Roscoe**  
 1970. See Zunti, A. C. & L. R. Cardinali, 1970.
- Cardinal, Sophie**  
 2014. See Fernández-Triana, J. L. et al., 2014.
- Cardona, César** [1941-2013]  
 1980. See Van Schoonhoven, A. & C. Cardona, 1980.  
 1994. *Insectos y otras plagas invertebradas en frijol en América Latina*, pp. 577-651, 1 fig., 4 tabs. In: Pastor-Corrales, M. & H. F. Schwartz (Eds.), *Problemas de producción del frijol en los trópicos (Segunda edición)*. Cali, Centro Internacional de Agricultura Tropical. (May) [*Urbanus proteus* (Linnaeus); host plant]
- Cardona, César, and Ashok K. Karel**  
 1990. *Key insects and other invertebrate pests of beans*, pp. 157-191, 9 pls., 1 fig., 2 tabs. In: Singh, S. R. (Ed.), *Insect pests of food legumes*. Chichester, John Wiley & Sons. [*Urbanus proteus* (Linnaeus); host plant]
- Cardona, Gloria**  
 1991. See Echeverri, L. F. et al., 1991.
- Cardona, Juliana**  
 2017. See Valencia, W. A. et al., 2017.
- Cardona, Leidy V.**  
 2013. See Aristizábal, L. F. et al., 2013b.
- Cardoso, Aldo de Sá** [? -1994]  
 1949. Lepidópteros de Alagoas. *Revista de Entomologia* (Rio de Janeiro) 20(1/3): 427-436 (31 August) [general; ecology; migration; Brazil]  
 1983. Apreciações sobre a fauna de lepidópteros de Alagoas. *Anais da Sociedade nordestina de Zoologia* 1(1): 41-46. [general; Brazil]
- Cardoso, Márcio Zikán**  
 1989. See Benson, W. W. et al., 1989.  
 1990a. See Brown, K. S., Jr., J. R. Trigo, P. C. Motta et al., 1990.  
 1990b. See Brown, K. S., Jr., J. R. Trigo, R. B. Francini et al., 1990.  
 1991. See Brown, K. S., Jr., J. R. Trigo et al., 1991.  
 1997. Testing chemical defence based on pyrrolizidine alkaloids. *Animal Behaviour* 54(4): 985-991, 2 figs., 2 tabs. (October) [general]  
 2001. Patterns of pollen collection and flower visitation by *Heliconius* butterflies in southeastern Mexico. *Journal of tropical Ecology* 17(5): 763-768, 1 fig., 1 tab. (September) [general]  
 2005. New localities for *Heliconius besckei* Ménétriés and *Heliconius sara* (Fabricius) (Lepidoptera: Nymphalidae) in Bahia, Brasil. *Neotropical Entomology* 34(6): 1007-1008 (November-December)  
 2010a. See Quek, S.-P. et al., 2010.  
 2010b. Reconstructing seasonal range expansion of the tropical butterfly, *Heliconius charithonia*, into Texas using historical records. *Journal of Insect Science* 10(69): 1-8, 4 figs. (22 June) [Mexico]  
 2010c. Herbivore handling of a plant's trichome: The case of *Heliconius charithonia* (L.) (Lepidoptera: Nymphalidae) and *Passiflora lobata* (Killip) Hutch. (Passifloraceae). *Neotropical Entomology* 37(3): 247-252, 3 figs. (June) [Costa Rica]  
 2011a. See Moura, P. A. de et al., 2011.  
 2011b. See Hines, H. M. et al., 2011.  
 2013. See Rocha, P. L. B. da et al., 2013.  
 2015. See Lima, L. L. F. de et al., 2015.  
 2017. See Cambuí, E. C. B. et al., 2017.  
 2018a. See Castro, E. C. P. de et al., 2018.  
 2018b. See Santos, J. P. dos et al., 2018.  
 2018c. See Oliveira I. F. de et al., 2018.  
 2019a. See Santos, J. P. dos et al., 2019.  
 2019b. See Vasconcelos, R. N. de et al., 2019.  
 2019c. See Castro, É. C. P. de et al., 2019.
- Cardoso, Márcio Zikán, Marcos Roberto Brito and Marília Bruzzi Lion**  
 2017. Confirmation of the northernmost [sic] population of the endangered butterfly *Heliconius nattereri* C. Felder & R. Felder, 1865 (Lepidoptera: Nymphalidae). *Biota neotropica* 17(4)(e20170413): 1-4, 3 figs. (published online 27 November)
- Cardoso, Márcio Zikán, and Lawrence Edmund Gilbert**  
 2007. A male gift to its partner? Cyanogenic glycosides in the spermatophore of longwing butterflies (*Heliconius*). *Naturwissenschaften* 94(1): 39-42, 1 fig. (January; published online 7 September 2006) [Brazil, Costa Rica, Ecuador]  
 2013. Pollen feeding, resource allocation and the evolution of chemical defence in passion vine butterflies. *Journal of evolutionary Biology* 26(6): 1254-1260, 3 figs. (June; published online 13 May) [Heliconiini]

- Cardoso, Márcio Zikán, and Luciana Lopes Ferreira de Lima**  
2017. Dissecting the nature of subtle phenotypic variation in wing colour elements of Müllerian co-mimics. *Journal of tropical Ecology* 33(3): 188-196, 6 figs. (May; published online 10 April) [*Heliconius erato phyllis* (Fabricius), *H. melpomene nanna* Stichel; morphology; Brazil]
- Cardoso, Márcio Zikán, James J. Roper and Lawrence Edmund Gilbert**  
2010. Prenuptial agreements: mating frequency predicts gift-giving in *Heliconius* species. *Entomologia experimentalis et applicata* 131(2): 109-114, 3 figs., 1 tab. (May; published online 23 March) [behavior; Costa Rica, Ecuador, Brazil]
- Cardoso, Márcio Zikán, and Emmanuelle Séfora Cabral Silva**  
2015. Spermatophore quality and production in two *Heliconius* butterflies with contrasting mating systems. *Journal of Insect Behavior* 28(6): 693-703, 4 figs. (November; published online 13 November) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus); host plants; Brazil]
- Cardoso-Gustavson, Poliana**  
2017. See Silva, E. O. et al., 2017.
- Cardoso-Gustavson, Poliana, Nathalia Luiza Andrezza, Alexandra Christine Helena Frankland Sawaya and Marília de Moraes Castro**  
2013. Only attract ants? The versatility of petiolar extrafloral nectaries in *Passiflora*. *American Journal of Plant Sciences* 4(2A): 460-469, 10 figs., 1 tab. (28 February) [*Heliconiini*; host plants; Brazil]
- Caride, Pedro [1871-1952]**  
1913. *Pteromalus platensis*. Un enemigo del gusano de los naranjos. Su clasificación y utilización biológica en defensa de los naranjales. *Revista zootécnica* (Buenos Aires) 4(45): 514-518, 1 pl. (April) [*Papilio thoas thoantiades* Burmeister; larva, pupa, imago; Argentina]
- Caride, Pedro, and Jean Brèthes**  
1918. El gusano de los naranjos. Su enemigo natural *Pteromalus caridei* Brèthes. Su clasificación y utilización biológica en defensa de los naranjales. *Anales de la Sociedad rural argentina* 52(2): 73-76, pls. 1-2 (February) [also in *Surco* (Buenos Aires) 5: 18-22, 2 figs.; 1921] [*Papilio thoas thoantiades* Burmeister; life history; Argentina]
- Cariveau, Alison B., Holly L. Holt, James P. Ward, Laura Lukens, Kyle Karsten, Jennifer Thieme, Wendy Caldwell, Karen Tuerk, Kristen A. Baum, Pauline Drobney, Ryan G. Drum, Ralph Grundel, Keith Hamilton, Cindy Hoang, Karen Kinkead, Julie McIntyre, Wayne E. Thogmartin, Tenlea Turner, Emily L. Weiser and Karen Suzanne Oberhauser**  
2019. The Integrated Monarch Monitoring Program: From design to implementation. *Frontiers in Ecology and Evolution* 7(167): 1-8, 2 figs. (29 May) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Carlín-Castelán, Fernando**  
2019a. See Reyes-Aguilera, C. E. et al., 2019.  
2019b. See Rodríguez-Lucio, V. G. et al., 2019.
- Carlos, José Javier**  
2015. See Vázquez, J. M. et al., 2015.
- Carlos, Marina Moraes**  
2011. See Bonfanti, D. et al., 2011.
- Carmo, Valdivino Santana do**  
2015. See Coelho, C. P. et al., 2015.
- Carmona, Tomás**  
2014. See Hernández-Baz, F. et al., 2014.
- Carneiro, Eduardo**  
2010a. See Dolibaina, D. R. et al., 2010.  
2010b. See Mielke, O. H. H. et al., 2010.  
2012a. See Dias, F. M. S. et al., 2012a.  
2012b. See Mielke, O. H. H. et al., 2012a.  
2012c. See Mielke, O. H. H. et al., 2012b.  
2012d. See Casagrande, M. M. et al., 2012.  
2012e. See Leite, L. A. R. et al., 2012b.  
2012f. See Mielke, O. H. H. et al., [2012]c.  
2012g. See Kowalczyk, M. et al., 2012.  
[2014]a. See Giovenardi, R. et al., [2014].  
2014b. See Beltrami, L. C. de C. e et al., 2014.  
2014c. See Salik, L. M. G. et al., 2014.  
2015a. See Leite, L. A. R. et al., 2015.  
2015b. See Henao, E. R. et al., 2015.  
2015c. See Dolibaina, D. R. et al., 2015b.  
2017a. See Salik, L. M. G. et al., 2017.  
2017b. See Dolibaina, D. R. et al., 2017a.  
2017c. See Pérez, J. H. et al., 2017b.  
2017d. See Câmara, J. T. et al., 2017.  
2017e. See Shuey, J. A. et al., 2017.  
2019a. See Medeiros, A. D. de et al., 2019a.  
2019b. See Medeiros, A. D. de et al., 2019b.
- Carneiro, Eduardo, Diego Rodrigo Dolibaina, Nick V. Grishin and Andrew David Warren**  
2018. A new species of *Wahydra* from Ecuador (Hesperiidae, Hesperinae, Anthoptini). *Zootaxa* 4392(1): 196-200, 4 figs. (8 March) [*W. graslieae*]
- Carneiro, Eduardo, Diego Rodrigo Dolibaina, Luis Anderson Ribeiro Leite, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
2012. Rediscovery of *Pseudotinea caprina* (Lepidoptera: Riodinidae): Remarks on its distribution and first description of the female. *Florida Entomologist* 95(2): 521-523, 2 figs. (June) [Brazil]
- Carneiro, Eduardo, Diego Rodrigo Dolibaina, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
2014c. *Thespieus maacki* sp. nov. (Lepidoptera: Hesperidae, Hesperini): A new skipper from southern Brazilian páramos. *Florida Entomologist* 97(4): 1745-1749, 12 figs. (December)  
2015c. Taxonomic review of *Gallio* Evans, 1955 (Lepidoptera, Hesperidae, Hesperinae): one less monotypic genus of Moncini. *Revista brasileira de Entomologia* 59(4): 294-300, 13 figs. (December; published online 29 August) [new species: *G. imperatriz*, *G. furtadoi*, *G. eti*; Peru, Brazil, Paraguay]
- Carneiro, Eduardo, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
2008a. Borboletas do sul da ilha de Santa Catarina, Florianópolis, Santa Catarina, Brasil (Lepidoptera: Hesperioidea e Papilionoidea). *Shilap* 36(142): 261-271, 2 figs., 3 tabs. (30 June) [general]  
2008b. Inventários de borboletas no Brasil: estado da arte e modelo de áreas prioritárias para pesquisa com vistas à conservação. *Natureza e Conservação* 6(2): 68-90, 178-198, 10 figs., 1 tab. (October) [general]  
2012. Head morphology of some Neotropical Hesperidae (Lepidoptera). *Zootaxa* 3198: 1-28, 94 figs. (20 February) [*Pyrrhopyge charybdis* Westwood, *Urbanus teleus* (Hübner), *Pyrgus orcus* (Stoll), *Synapte silius* (Latreille); Brazil]  
2013. Thorax and abdomen morphology of some Neotropical Hesperidae (Lepidoptera). *Insecta Mundi* 327: 1-47, 117 figs. (25 October) [*Pyrrhopyge charybdis* Westwood, *Urbanus teleus* (Hübner), *Pyrgus orcus* (Stoll), *Synapte silius* (Latreille); Brazil]  
2015a. The Neotropical genus *Ginungagapus* gen. nov. (Hesperidae, Hesperinae, Moncini): phylogenetic position and taxonomic review. *Zootaxa* 3931(2): 196-220, 26 figs., 1 tab. (12 March) [new species: *G. awarreni*, *G. tangerinii*, *G. fiedleri*, *G. brasilia*; Brazil, Paraguay, Argentina]

- 2015b. Two new species and taxonomic notes on species of *Moeris* Godman, 1900 (Hesperiidae, Hesperinae, Moncini). *Journal of Research on the Lepidoptera* 48: 29-37, 28 figs. (31 December; published online 27 July) [*M. seth*, *M. nut*; Central and South America]
- Carneiro, Eduardo, Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande and Konrad Fiedler**
- 2014a. Skipper richness (Hesperiidae) along elevational gradients in Brazilian Atlantic Forest. *Neotropical Entomology* 43(1): 27-38, 6 figs., 1 tab. (February; published online 30 November 2013) [general]
- 2014b. Community structure of skipper butterflies (Lepidoptera, Hesperiidae) along elevational gradients in Brazilian Atlantic Forest reflects vegetation type rather than altitude. *PLoS ONE* 9(10)(e108207): 1-11, 2 figs., 5 tabs. (1 October) [general]
- Carneiro, Jocieler da Silva**  
1986. See Silva, A. de B. & J. da S. Carneiro, 1986.
- Carnevale, Paola**  
1998. See Raineri, V. & P. Carnevale, 1998.
- Carnevalli, Ney Emi Demas** [1938-2002]  
1977. See Brun, P. G. et al., 1977.
- Carnicer Cols, Jofre**  
2019. See Hill, J. A. et al., 2019.
- Caro, Rosendo Antonio**  
1999. *El desarrollo regional en la Reserva Especial de la Biosfera Mariposa Monarca*, pp. 261-267. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Caro, Tim**  
2017. See Cuthill, I. C. et al., 2017.
- Carolan, Mary Ellen**  
1976. See Young, A. M. & M. E. Carolan, 1976.
- Carpenter, Frank Morton** [1902-1994]  
1954. See Brues, C. T. et al., 1954.
- Carpenter, Geoffrey Douglas Hale** [1882-1953]  
1934. Evidence of attack of birds upon butterflies. *Proceedings of the royal entomological Society of London (A)* 9(1): 14-15 (30 June) [*Hirsutis megara* (Godart); Trinidad]  
1936. Birds do attack butterflies. *Science Progress* (Oxford) 30(120): 628-634 (April) [general; Brazil, Argentina, Panama]  
1937a. Further evidence that birds do attack and eat butterflies. *Proceedings of the zoological Society of London (A)* 1937(3): 223-247, 2 pls. (22 September) [general; Brazil, Colombia, Jamaica]  
1937b. Lizards as enemies of butterflies. *Proceedings of the royal entomological Society of London (A)* 12(10/12): 157-161, 2 figs., 2 pls. (15 December) [*Tithorea hippothous* Godman and Salvin, *Ceratinia nina chapadensis* Talbot; Trinidad, Brazil]  
1937c. Birds as enemies of butterflies. *South Eastern Naturalist Antiquary* 42: 93-95, 1 pl. [*Dismorphia praxinoe* (Doubleday); Panama]  
1938a. Birds seen to attack the nymphaline butterfly *Anaea verticordia luciana* Hall. *Entomologist's monthly Magazine* 74(888): 108-109 (May) [St. Lucia]  
1938b. Two remarkable cases of beak-marks on butterflies. *Proceedings of the royal entomological Society of London (A)* 13(7/9): 101-102 (25 October) [*Papilio c. crassus* Cramer; Brazil]  
1939. Birds as enemies of butterflies, with special reference to mimicry. *Verhandlungen. VII. internationaler Kongress für Entomologie* (Berlin) 2: 1061-1074, pl. 114 (July) [general; Neotropics]
1942. The relative frequency of beak-marks on butterflies of different edibility to birds. *Proceedings of the zoological Society of London* 111(3/4): 223-231 (17 February) [general; Neotropics]
1943. [A note]. *Proceedings of the royal entomological Society of London (C)* 8(3): 7 (3 March) [*Brassolis isthmia* Bates; parasites; Panama]
1944. The coloration of butterflies and moths. *Endeavour* 3(9): 20-25, 4 pls. (January) [general; mimicry; Central and South America, West Indies]
- Carpenter, Geoffrey Douglas Hale, and Edmund Brisco Ford**  
1933. *Mimicry*. London, Methuen. ix + 134 pp., 2 pls. [general]
- Carpenter, Geoffrey Douglas Hale, and Bertram Maurice Hobby**  
1944. On *Limenitis bredowii* Geyer (Lep., Nymphalidae) with description of a new subspecies and revival of another. A study in geographical distribution and speciation. *Transactions of the royal entomological Society of London* 94(2): 311-346, 4 pls., 2 figs., 4 tabs., 2 charts (29 December) [general; *L. b. guatemalensis*; Mexico, Guatemala]
- Carpenter, Geoffrey Douglas Hale, and Charles Bernard Lewis, Jr.**  
1943. A collection of Lepidoptera (Rhopalocera) from the Cayman Islands. *Annals of the Carnegie Museum* 29(13): 371-396, 9 figs. (15 January) [general; new subspecies: *Brephidium exilis thompsoni*]
- Carpenter, Roger W.**  
2015. The funereal duskywing, *Erynnis funeralis* (Hesperiidae): seasonal range expansion into Eastern North America. *Journal of the Lepidopterists' Society* 69(2): 114-124, 4 figs., 2 tabs. (18 June) [distribution; Central and South America]
- Carpinella, Cecilia**  
2003. See Valladares, G. R. et al., 2003.
- Carpintero, Diego Leonardo, and Daniel Testoni**  
2013. Insects found on *Araujia* species (Apocynaceae, Asclepiadoideae). *Revista del Museo argentino de Ciencias naturales* (n. s.) 15(2): 279-288, 12 figs., 3 tabs. (December) [*Danaus erippus* (Cramer), *Pyrgus* sp.; host plants; Argentina]
- Carpio, Carlos**  
2008. See Barragán, Á. R. & C. Carpio, 2008.
- Carr, Frederick Mark Bennock** [1878-1967]  
1917. [A note]. *Proceedings of the South London entomological & natural History Society* 1916-17: 50. [general; Colombia]
- Carranza, Alvar**  
2018. See Borthagaray, A. I. et al., 2018.
- Carranza, Anisoara, Félix Sarria and Jean-Michel Maes**  
2019. Mariposas del Área Protegida Las Pilas – El Hoyo. *Revista nicaragüense de Entomología* 169: 1-75, figs. (April) [general; Nicaragua]
- Carranza, Raúl E.**  
2012. See Santos, A. et al., 2012.  
2017. See Santos, A. et al., 2017.
- Carrasco, Arnold**  
2013. See Polo, J. et al., 2013.
- Carrasco, Daiane Silveira**  
2013. See Gantes, M. L. et al., 2013.
- Carrasco, Francisco**  
1995. Insectos plaga del "tarhui" (*Lupinus mutabilis*) en el Cusco. *Revista peruana de Entomología* 37: 143 (11 September) [*Colias lesbia* (Fabricius), *C. euxanthe* C. Felder & R. Felder; Peru]
- Carregaro, Juliano Bonfim, Ivone Rezende Diniz, John Du Vall Hay and Helena Castanheira de Morais**  
2009. Herbivorous insects in flower-buds of *Caryocar brasiliense*

- Camb. (Caryocaraceae), with special emphasis on Lepidoptera. *Revista brasileira de Zootecnia* 11(3): 255-259, 2 figs., 1 tab. (December) [*Olythus essus* (Herrich-Schäffer, *Parrhasius polibetes* (Stoll); host plants; Brazil]
- Carreira, Junia Yasmin Oliveira**  
 2015. See Freitas, A. V. L. et al., 2015a.  
 2016. See Freitas, A. V. L. et al., 2016b.  
 2017a. See Andrade, R. B. de et al., 2017.  
 2017b. See Santos, J. P. dos et al., 2017.  
 2018a. See Santos, J. P. dos et al., 2018.  
 2018b. See Freitas, A.V. L. et al., 2018c  
 2019a. See Santos, J. P. dos et al., 2019.  
 2019b. See Freitas, A. V. L. et al., 2019b.
- Carrel, James E.**  
 1969. See Eisner, T. et al., 1969.
- Carrera, Messias [1907-1994]**  
 1941. See Travassos, L., Filho & M. Carrera, 1941.  
 1945. Relação de alguns Asilidae (Diptera) com suas presas. *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 5(17): 159-166, 2 figs. (22 March) [*Eurema leuce* (Boisduval), *Euptychia eous* Butler; predator; Brazil]  
 1946. See Travassos, L., Filho & M. Carrera, 1946.  
 1947. Segunda relação de alguns Asilidae (Diptera) e suas presas, com a descrição prévia de duas novas espécies. *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 8(23): 265-271 (22 September) [*Lasia agesilas* (Latreille), *Itaballia mandela molione* Fruhstorfer, *Dynamine aerata* Butler; predator; Brazil]  
 1963. *Entomologia para você*. São Paulo, Universidade de São Paulo. 306 pp., 244 figs. [Ed. 2; Ed. 1, 1956] [general]  
 1984. Migração de borboletas. *Ciência e Cultura* (São Paulo) 36(1): 3-8, 5 figs. (January) [general; Brazil]
- Carrera, Messias, and Maria Aparecida Vulcano d'Andretta**  
 1952. Relação de alguns Asilidae e suas presas (III). *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 10(13): 253-259 (5 March) [*Hesperocharis anguitia* (Godart), *Appias drusilla* (Cramer); predators; Brazil]
- Carrera, Paola**  
 2001. See Piñas, F. & P. Carrera, 2001.
- Carrera-Treviño, Rogelio**  
 2019. See Mora, B. X. et al., 2019.
- Carrero, Diego Armando**  
 2013a. See Olarte, C. A. et al., 2013.  
 2013b. See Álvarez, S. M. et al., 2013a.  
 2013c. See Álvarez, S. M. et al., 2013b.  
 [2017]. See Olarte, C. A. et al., [2017].  
 2018. See Acevedo, A. A. et al., 2018.
- Carrero, Diego Armando, and Sandra M. Álvarez**  
 2013. Especies de mariposas diurnas de bosques secos y subandinos del Norte de Santander, Colombia. *Entomotropica* 28(2): 139-140 (August) [abstract]
- Carrero, Diego Armando, Luis Roberto Sánchez and Diego Enrique Tobar**  
 2013. Diversidad y distribución de mariposas diurnas en un gradiente altitudinal en la región nororiental andina de Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(1): 168-188, 8 figs., 4 tabs. (June) [general]
- Carrillo, Daniel**  
 2019. See Martínez, JU. I. et al., 2019.
- Carrillo, Hortensia**  
 2012. See Díaz, M. A. & H. Carrillo, 2012.
- Carrillo, José Luis**  
 1959. See Gibson, W. W. & J. L. Carrillo, 1959.  
 1976. See Domínguez, Y. & J. L. Carrillo, 1976.
- Carrillo, José Luis, Alejandro Ortega and William Wallace Gibson**  
 1966. Lista de insectos en la colección entomológica del Instituto Nacional de Investigaciones Agrícolas (Primer suplemento a la "Lista de insectos en la Colección Entomológica de la Oficina de Estudios Especiales, S.A.G."). *Folleto misceláneo. Instituto nacional de Investigaciones agrícolas. Secretaría de Agricultura y Ganadería* (México) 14: viii + 133 pp. (April) [general; host plants; Mexico]
- Carrillo-Ruiz, Hortensia**  
 2015. See Rivas-Arancibia, S. P. et al., 2015.
- Carrión, Jorge, Regina Berjano, Giovanni Guerrero, Enrique Figueroa, Alan Tye and Jesús M. Castillo**  
 2014. Fruit set and the diurnal pollinators of the invasive *Lantana camara* and the endemic *Lantana peduncularis* in the Galapagos Islands. *Weed Biology and Management* 14(3): 209-219, 3 figs., 2 tabs. (September; published online 5 August) [*Urbanus galapagensis* (Williams), *Phoebis sennae marcellina* (Cramer); Ecuador]
- Carrizo, Gustavo**  
 1988. See Rozenberg, L. et al., 1988.
- Carroll, Sean B.**  
 2011. How great wings can look alike. *Science* 333(6046): 1100-1101, 1 fig. (26 August) [*Heliconius*; evolution; Central and South America]
- Carstairs, Jamie**  
 2000. A Mexican monarchy. *Geographical* (London) 72(9): 60-62 (September) [*Danaus plexippus* (Linnaeus); migration]
- Carsus, Jean-Noël, and Xavier Choimet**  
 2006. Présence de *Papilio demoleus* L. en République Dominicaine (Lepidoptera, Papilionidae). *Revue de l'Association roussillonnaise d'Entomologie* 15(2): 54-55, 2 figs.  
 2008. *Les femelles des Memphis guyanais. Description de la femelle de Memphis basilia Cramer, 1780 (Lepidoptera: Nymphalidae, Charaxinae)*, pp. 20-22, figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 3. Rhopalocères 2*. Paris, Association des Lépidoptéristes de France (September) [general]
- Carter, David James [1943- ]**  
 1987. See Holloway, J. D. et al., 1987.  
 1992. *Butterflies and moths*. New York, Dorling Kindersley, Inc. 304 pp., figs. [general]
- Carter, David James, and Niels Peder Kristensen**  
 1998. Classification and keys to higher taxa, pp. 27-40, 2 figs. In: Kristensen, N. P. (Ed.), *Lepidoptera, Moths and Butterflies. Volume 1: Evolution, Systematics and Biogeography. Handbuch der Zoologie* 4(35): i-x, 1-487 ("1999", 1998) [general]
- Carter, Gilbert Thomas [1848-1927]**  
 1906. [Butterflies of Barbados]. *West Indian Bulletin* 7(1): 43-44. [general]
- Carter, Gill**  
 2007. See Garwood, K. et al., 2007.  
 2009. See Garwood, K. et al., 2009.
- Carter, Gill, Elizabeth Cavazos, David J. Hanson and Ellie Thompson**  
 2002. The joys of digital cameras. *American Butterflies* 10(2): 26-34, figs. [general; Mexico]
- Carter, Maureen**  
 1983. See Feeny, P. P. et al., 1983.
- Carter, Walter [1897-1977]**  
 1934. Notes on two pests of pineapple not known in Hawaii. *Proceedings of the hawaiian entomological Society* 8(3): 395-397, figs. A-B (July) [*Thecla echion* (Linnaeus); larva, imago; Mexico, Guatemala]  
 1949. Insect notes from South America with special reference to

*Pseudococcus brevipes* and mealybug wilt. *Journal of economic Entomology* 42(5): 761-766 (October) [*Thecla* sp.; host plant; Brazil]

**Carter, Will**

2007. See Garwood, K. et al., 2007.

2009. See Garwood, K. et al., 2009.

**Carvajal, Rafaela**

1998. See Delgado, A. et al., 1998.

**Carvajal, Vladimir**

2005. Lista preliminar de artrópodos del Bosque Protector Pichincha y sus alrededores. *Politécnica* (Quito) 26(1): 142-161, 10 figs., 3 tabs., 1 map (September) [general; Ecuador]

2011. *Invertebrados terrestres*, pp. 49-53, figs. In: Albuja, L. (Ed.), *Biodiversidad de los valles secos interandinos del Ecuador*. Quito, Escuela Politécnica Nacional. 56 pp., figs. (December) [general]

**Carvalho, A. M.**

1974. See Rossetto, C. J. et al., 1974.

**Carvalho, Acácio Geraldo de**

2000. See Maurício, E. G. et al., 2000.

2001. See Pinto, J. de M. & A. G. de Carvalho, 2001.

2002. See Nadai, J. de et al., 2002.

2003. See Nadai, J. de et al., 2003.

2004. See Trevisan, H. et al., 2004.

2001. See Wendt, J. G. N. & A. G. de Carvalho, 2001.

2004. See Silva, E. de & A. G. de Carvalho, 2004.

2006. See Wendt, J. G. N. & A. G. de Carvalho, 2006.

2007. See Wendt, J. G. N. & A. G. de Carvalho, 2007.

2011. See Wendt, J. G. N. et al., 2011.

2012. See Wendt, J. G. N. et al., 2012.

**Carvalho, Acácio Geraldo de, Juliano Gil Nunes Wendt, William Gomes Lima and Felipe da Costa Brasil**

1999. Parâmetros biológicos e consumo de área foliar de *Urbanus acawoios* (Williams, 1926) (Lepidoptera: Hesperioidea) em *Galactia striata* (Jacq.) Ub (Leguminosae: Faboideae). *Floresta e Ambiente* (Seropédica) 6(1): 88-94, 5 tabs. (January-December) [host plants; behavior; Brazil]

**Carvalho, Almy Júnior Cordeiro de**

2009. See Faria, D. C. de et al., 2009.

**Carvalho, Ana Paula dos Santos de**

2015. See Lemes, R. et al., 2015.

**Carvalho, Ana Paula dos Santos de, Marco Silva Gottschalk and Ana Beatriz Barros de Moraes**

2013. Identificação e catalogação de borboletas (Lepidoptera: Hesperioidea e Papilionoidea) da Coleção Entomológica da Universidade Federal do Rio Grande. *EntomoBrasilis* 6(3): 227-231, 1 fig. (December) [general, Brazil]

**Carvalho, Ana Paula dos Santos de, and Ana Beatriz Barros de Moraes**

2015. Borboletas associadas a ambientes de restinga no extremo sul do Brasil (Lepidoptera: Papilionoidea). *Shilap* 43(171): 349-363, 3 figs., 1 tab. (30 September) [general]

**Carvalho, Ana Paula dos Santos de, Luísa Lima e Mota and Akito Yuji Kawahara**

2019. Intersexual 'arms race' and the evolution of the sphragis in *Pteronymia* butterflies. *Insect Systematics and Diversity* 3(1)(3): 1-13, 18 figs., 2 tabs. (January; published online 23 January) [general; morphology]

**Carvalho, Ana Paula dos Santos de, Albert G. Orr and Akito Yuji Kawahara**

2017. A review of the occurrence and diversity of the sphragis in butterflies (Lepidoptera, Papilionoidea). *ZooKeys* 694: 41-70, 37 figs., 3 tabs. (29 August) [general; morphology]

**Carvalho, Ana Paula dos Santos de, Geisa Piovesan and Ana Beatriz Barros de Moraes**

2015. Butterflies (Lepidoptera: Papilionoidea) of grassland areas

in the Pampa biome, southern Brazil. *Check List* 11(5)(1772): 1-6, 1 tab. (19 October) [general]

**Carvalho, André Ricardo Vieira de**

2001. See Reis, V. M. et al., 2001.

**Carvalho, Carlos Alfredo Lopes de**

1992. See Marques, O. M. et al., 1992.

**Carvalho, Claudio José Barros de** [1951- ]

1989. See Coelho, S. M. P. et al., 1989.

**Carvalho, Fernando Vaz dos Santos**

2012. *Antônio Augusto Carvalho Monteiro. Um naturalista pioneiro. As coleções de história natural*. Lisboa, Author. 50 pp., figs. [general; history; Brazil]

**Carvalho, Isabela de Oliveira**

2012. See Ribeiro, R. C. et al., 2012.

**Carvalho, José Cândido de Melo** [1914-1994]

1951. Relações entre os índios do Alto Xingu e a fauna regional. *Publicações avulsas do Museu nacional* (Rio de Janeiro) 7: 1-32, 10 figs., 1 tab. [*Aphrissa statira* (Cramer); Brazil]

1952. Notas de viagem ao Rio Negro. *Publicações avulsas do Museu nacional* (Rio de Janeiro) 9: 1-92, 11 pls. [*Phoebis argante* (Fabricius), *Graphium telesilaus* (Felder); Brazil]

1955. Notas de viagem ao rio Paru de Leste. *Publicações avulsas do Museu nacional* (Rio de Janeiro) 14: 1-82, frontisp., 18 figs. [general; Brazil]

1969a. See Mielke, O. H. H. & J. C. de M. Carvalho, 1969.

1969b. *Notas de viagem de um zoólogo à região das caatingas e áreas limítrofes*. Fortaleza, Imprensa Universitária do Ceará. xvi + 228 pp., 23 pls. (December) [general; Brazil]

**Carvalho, José Cândido de Melo, and Olaf Hermann Hendrik Mielke**

1971. The trade of butterfly wings in Brazil and its effects upon the survival of the species. *Proceedings. XIII international Congress of Entomology* (Moscow) 1: 486-488 (16 April) [general; bionomics; conservation]

**Carvalho, Márcio Romero Marques, Eduardo de Proença Barbosa and André Victor Lucci Freitas**

2019. Immature stages of *Mechanitis polymnia casabranca* (Nymphalidae, Danainae). *Tropical Lepidoptera Research* 19(1): 12-18, 5 figs. (June; published online 3 May) [egg, larva, pupa, imago; host plant; Brazil]

**Carvalho, Márcio Romero Marques, Paulo Enrique Cardoso Peixoto and Woodruff Whitman Benson**

2016. Territorial claseshes in the Neotropical butterfly *Actinote pellenea* (Acraeinae): do disputes differ when contests get physical? *Behavioral Ecology and Sociobiology* 70(1): 199-207, 1 fig. 2 tabs. (January; published online 27 November 2015) [Brazil]

**Carvalho, Mário Bezerra de**

1940. As pragas do coqueiro em Pernambuco. *Boletim da Secretaria de Agricultura, Indústria e Comercio* (Recife) 5(1): 47-51, 7 pls. (June) [*Brassolis sophorae* (Linnaeus); Brazil]

1947. Os coqueiros de Recife estão praguejados. *Boletim da Secretaria de Agricultura, Indústria e Comercio* (Recife) 14(4): 291-294, 2 figs. (October-December) [*Brassolis sophorae* (Linnaeus); life history; Brazil]

**Carvalho, Mário Bezerra de, and Romildo Ferreira de Carvalho**

1939. Primeira contribuição para um catálogo dos insetos de Pernambuco. *Arquivos do Instituto de Pesquisas agrônômicas* (Recife) 2: 27-60. [general; host plants; Brazil]

1941. Segunda contribuição para um catálogo dos insetos de Pernambuco. *Arquivos do Instituto de Pesquisas agrônômicas* (Recife) 3: 13-25. [general; Brazil]

**Carvalho, Mário Bezerra de, and Ambrósio de Oliveira Freitas**

1960. Terceira contribuição para o catálogo dos insetos de Pernambuco. *Arquivos do Instituto de Pesquisas agrônômicas* (Recife) 5: 95-114. [*Anteos menippe* (Hübner);

- Brazil]
- Carvalho, Martinho Cardoso de, Jr.**  
1993. See Ruszczyk, A. & M. C. de Carvalho, Jr., 1993.
- Carvalho, Martinho Cardoso de, Jr., Paula Cristina Diniz de Queiroz and Alexandre Ruszczyk**  
1998. Protandry and female size-fecundity variation in the tropical butterfly *Brassolis sophorae*. *Oecologia* 116(1/2): 98-102, 3 figs., 1 tab. (August) [Brazil]
- Carvalho, Natalia**  
2014. See Nery, I. et al., 2014.
- Carvalho, Paulo Fernando Fragoso de**  
2002. See Almeida, A. V. de & P. F. F. de Carvalho, 2002.
- Carvalho, Rachel Alexandre de**  
2010. See Couri, M. S. et al., 2010.
- Carvalho, Raquel, and Isabel Cristina Sobreira Machado**  
2006. *Rodriguezia bahiensis* Rchb. f.: biologia floral, polinizadores e primeiro registro de polinização por moscas Acroceridae em Orchidaceae. *Revista brasileira de Botânica* (São Paulo) 29(3): 461-470, 7 figs., 2 tabs. (September) [general; behavior; Brazil]
- Carvalho, Ricardo Pereira Lima**  
1970. See Gallo, D. et al., 1970.
- Carvalho, Roberta M. de**  
1997. See Freitas, A. V. L. et al., 1997.
- Carvalho, Romildo Ferreira de**  
1939. See Carvalho, M. B. de & R. F. de Carvalho, 1939.  
1941a. O combate aos insetos prejudiciais por meio da luta biológica. *Boletim da Secretaria de Agricultura, Indústria e Comercio* (Recife) 8(1): 12-51, 8 figs. (July) [general; Brazil]  
1941b. See Carvalho, M. B. de & R. F. de Carvalho, 1941.
- Carvalho, Solon**  
1977. See Link, D. et al., 1977.
- Carvalho, Sueli Martinez de**  
1983. See Hohmann, C. L. & S. M. de Carvalho, 1983.
- Carvalho-Filho, Fernando Saldanha de**  
2012. See Kaminski, L. A. & F. S. de Carvalho-Filho, 2012.
- Carvalho Neto, Cesar de Sá, Julio Cesar Rodrigues Fontenelle, Sérgio Pontes Ribeiro and Rogério Parentoni Martins**  
2011. Danos foliares causados por insetos em *Heliconia episcopalis* Vellozo (Heliconiaceae – Zingiberales) no Parque Estadual do Rio Doce, Minas Gerais. *MG.Biota* 3(6): 4-18, 3 figs., 1 tab. (March) [*Thracides phidon* (Cramer), *Talides sergestus* (Cramer), *Opsiphanes invirae* (Hübner); host plant; Brazil]
- Carvalho Neto, Moisés Felix de, Rita de Cássia Rodrigues Gonçalves Gervásio, Edigênia Cavalcante da Cruz Araújo, Jadson Cardoso de Almeida and Amanda Leite Guimarães**  
2017. Phytochemical profile of cansanção nettle extracts and their bioactivities on cabbage caterpillar. *Pesquisa agropecuária brasileira* 52(10): 841-848, 1 fig., 3 tabs. (October) [*Ascia monuste orseis* (Godart); host plants; Brazil]
- Casacci, Luca Pietro**  
2018. See Balletto, E. et al., 2018.
- Casagrande, Mirna Martins** [1953- ]  
1979a. Sobre *Caligo beltrao* (Illiger). I: Taxonomia, biologia, morfologia das fases imaturas e distribuições espacial e temporal (Lepidoptera, Satyridae, Brassolinae). *Revista brasileira de Biologia* 39(1): 173-193, 54 figs. (March) [Brazil]  
1979b. Sobre *Caligo beltrao* (Illiger). II: Morfologia externa da cabeça do adulto (Lepidoptera, Satyridae, Brassolinae). *Revista brasileira de Biologia* 39(1): 223-227, 11 figs. (March) [Brazil]  
1979c. Sobre *Caligo beltrao* (Illiger). III: Morfologia externa do adulto - Tórax (Lepidoptera, Satyridae, Brassolinae). *Revista brasileira de Biologia* 39(2): 347-355, 15 figs. (May) [Brazil]  
1979d. Sobre *Caligo beltrao* (Illiger). III [sic]: Morfologia externa do adulto - abdôme (Lepidoptera, Satyridae, Brassolinae). *Revista brasileira de Biologia* 39(3): 711-716, 7 figs. (August) [Brazil]  
1982. Quatro gêneros novos de Brassolinae (Lepidoptera, Nymphalidae). *Revista brasileira de Entomologia* 26(3/4): 355-356 (31 December) [*Orobrassolis*, *Mielkella*, *Mimoblepia*, *Aponarope*]  
1985a. See Mielke, O. H. H. & M. M. Casagrande, 1985a.  
1985b. See Mielke, O. H. H. & M. M. Casagrande, 1985b.  
1986a. See Mielke, O. H. H. & M. M. Casagrande, 1986a.  
1986b. See Mielke, O. H. H. & M. M. Casagrande, 1986b.  
1986c. See Mielke, O. H. H. & M. M. Casagrande, 1986c.  
1986d. See Mielke, O. H. H. & M. M. Casagrande, 1986d.  
1987a. See Mielke, O. H. H. & M. M. Casagrande, 1987a.  
1987b. See Mielke, O. H. H. & M. M. Casagrande, 1987b.  
1987c. See Mielke, O. H. H. & M. M. Casagrande, 1987c.  
1987d. See Mielke, O. H. H. & M. M. Casagrande, 1987d.  
1987e. See Mielke, O. H. H. & M. M. Casagrande, 1987e.  
1987f. See Mielke, O. H. H. & M. M. Casagrande, 1987f.  
1987g. See Mielke, O. H. H. & M. M. Casagrande, 1987g.  
1988a. See Mielke, O. H. H. & M. M. Casagrande, 1988a.  
1988b. See Mielke, O. H. H. & M. M. Casagrande, 1988b.  
1988c. See Mielke, O. H. H. & M. M. Casagrande, 1988c.  
1988d. See Mielke, O. H. H. & M. M. Casagrande, 1988d.  
1988e. See Mielke, O. H. H. & M. M. Casagrande, 1988e.  
1989. Espécie nova de *Narope* do sul do Brasil (Lepidoptera, Nymphalidae, Brassolinae). *Revista brasileira de Zoologia* 6(1): 125-129, 13 figs. (15 April) [*N. guilhermei*]  
1990. See Mielke, O. H. H. & M. M. Casagrande, 1990.  
1991. See Mielke, O. H. H. & M. M. Casagrande, 1991.  
[1992]a. *Narope cyllene* Felder & Felder, sp. rev. Redescoberta e fases imaturas (Lepidoptera, Nymphalidae, Brassolinae). *Revista brasileira de Zoologia* 7(1/2): 129-145, 30 figs. ("15 December 1991", [15 July 1992]) [life history; host plant; Brazil]  
1992b. New subspecies of *Selenophanes* from Brazil (Lepidoptera: Nymphalidae: Brassolinae). *Tropical Lepidoptera* 3(2): 151-152, 2 figs. ([18] December) [*S. cassiope guarany*]  
1992c. See Otero, L. S. & M. M. Casagrande, 1992.  
1992d. See Mielke, O. H. H. & M. M. Casagrande, [1992].  
1996a. Notas sistemáticas sobre Brassolinae. I. Tribos (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 12(3): 671-699, 37 figs. ("1995", 2 June 1996)  
1996b. See Robbins, R. K. et al., 1996.  
1997. See Mielke, O. H. H. et al., 1997.  
1998a. See Mielke, O. H. H. & M. M. Casagrande, 1998a.  
1998b. See Mielke, O. H. H. & M. M. Casagrande, 1998b.  
1998c. See Mielke, O. H. H. & M. M. Casagrande, 1998c.  
1999a. See Mielke, O. H. H. et al., 1999a.  
1999b. See Mielke, O. H. H. et al., 1999b.  
1999c. See Paluch, M. et al., 1999.  
2000a. See Duarte, M. et al., 2000.  
2000b. See Mielke, O. H. H. et al., 2000.  
2001a. See Duarte, M., M. M. Casagrande et al., 2001.  
2001b. See Paluch, M. et al., 2001.  
2001c. See Duarte, M., G. L. de Almeida et al., 2001.  
2002a. *Naropini* Stichel, taxonomia e imaturos (Lepidoptera, Nymphalidae, Brassolinae). *Revista brasileira de Zoologia* 19(2): 467-569, 106 figs. (28 June) [new species: *Narope minor*, *N. obidos*, *N. ybyra*, *N. cauca*; morphology; Neotropics]  
2002b. See Mielke, O. H. H. & M. M. Casagrande, 2002.



- 2003a. See Lopes-da-Silva, M. & M. M. Casagrande, 2003.
- 2003b. See Bizarro, J. M. S. et al., 2003a.
- 2003c. See Duarte, M. et al., 2003.
- 2003d. See Bizarro, J. M. S. et al., 2003b.
- 2003e. See Bizarro, J. M. S. et al., 2003c.
- 2003f. See Mielke, O. H. H. & M. M. Casagrande, 2003.
- 2003g. *Invertebrados da floresta atlântica. Invertebrates of the atlantic rain forest*, pp. 174-207, figs. In: Fernandes, C. R. (Ed.), *Floresta atlântica. Reserva da biosfera. Atlantic rain forest. Biosphere reserve*. Curitiba, Carlos Renato Fernandes. [general; Brasil]
- 2003h. See Paluch, M. et al., 2003.
- 2004a. See Mielke, O. H. H. et al., 2004.
- 2004b. See Mielke, C. G. C. et al., 2004a.
- 2004c. See Mielke, O. H. H. & M. M. Casagrande, 2004a.
- 2004d. See Mielke, C. G. C. et al., 2004b.
- 2004e. *Nymphalidae. Morphinae. Tribe Brassolini*, pp. 201-205. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general; new subspecies, *Catoblepia orgetorix rothschildi* Casagrande & Lamas]
- 2004f. See Mielke, C. G. C. et al., 2004c.
- 2004g. See Mielke, O. H. H. & M. M. Casagrande, 2004b.
- 2005a. See Mielke, O. H. H. & M. M. Casagrande, 2005a.
- 2005b. See Paluch, M. et al., 2005.
- 2005c. See Mielke, O. H. H. & M. M. Casagrande, 2005b.
- 2008a. See Carneiro, E. et al., 2008a.
- 2008b. See Paluch, M. et al., 2008.
- 2008c. See Carneiro, E. et al., 2008b.
- 2008d. See Machado, A. B. M. et al., 2008.
- 2010a. See Monteiro, R. F. et al., 2010.
- 2010b. See Duarte, M. et al., 2010.
- 2010c. See Leite, L. A. R. et al., 2010a.
- 2010d. See Dias, F. M. S. et al., 2010a.
- 2010e. See Dolibaina, D. R. et al., 2010a.
- 2010f. See Dias, F. M. S. et al., 2010b.
- 2010g. See Leite, L. A. R. et al., 2010b.
- 2010h. See Dias, F. M. S. et al., 2010c.
- 2010i. See Mielke, O. H. H. et al., 2010.
- 2010j. See Leite, L. A. R. et al., 2010c.
- 2010k. See Dias, F. M. S. et al., 2010d.
- 2010l. See Dolibaina, D. R. et al., 2010b.
- 2011a. See Dolibaina, D. R. et al., 2011.
- 2011b. See Mielke, O. H. H. & M. M. Casagrande, 2011.
- 2011c. See Bonfantii, D. et al., 2011.
- 2011d. See Leite, L. A. R. et al., 2011.
- 2011e. See Dias, F. M. S. et al., 2011.
- 2011f. See Paluch, M. et al., 2011.
- 2012a. See Dias, F. M. S. et al., 2012a.
- 2012b. See Carneiro, E. et al., 2012.
- 2012c. See Leite, L. A. R. et al., 2012a.
- 2012d. See Dias, F. M. S. et al., 2012b.
- 2012e. See Mielke, O. H. H. et al., 2012a.
- 2012f. See Mielke, O. H. H. et al., 2012b.
- 2012g. See Dias, F. M. S. et al., 2012c.
- 2012h. See Dias, F. M. S. et al., 2012d.
- 2012i. See Carneiro, E. et al., 2012.
- 2012j. See Leite, L. A. R. et al., 2012b.
- 2012k. See Dolibaina, D. R. et al., 2012.
- 2012l. See Mielke, O. H. H. et al., [2012]c.
- 2012m. See Kowalczuck, M. et al., 2012.
- 2012n. See Duarte, M. et al., 2012.
- 2013a. See Dias, F. M. S. et al., 2013a.
- 2013b. See Penz, C. M. et al., 2013.
- 2013c. See Bonfantii, D. et al., 2013.
- 2013d. See Zacca, T. et al., 2013.
- 2013e. See Leite, L. A. R. et al., 2013.
- 2013f. See Dias, F. M. S. et al., 2013b.
- 2013g. See Dolibaina, D. R. et al., 2013.
- 2013h. See Carneiro, E. et al., 2013.
- 2013i. See Siewert, R. R. et al., 2013.
- 2014a. See Siewert, R. R. et al., 2014a.
- 2014b. See Carneiro, E. et al., 2014a.
- 2014c. See Dias, F. M. S. et al., 2014a.
- 2014d. See Ríos, S. D. et al., 2014.
- 2014e. See Zacca, T. et al., 2014.
- [2014]f. See Giovenardi, R. et al., [2014].
- 2014g. See Leite, L. A. R. et al., 2014.
- 2014h. See Siewert, R. R. et al., 2014d.
- 2014i. See Dolibaina, D. R. et al., 2014.
- 2014j. See Beltrami, L. C. de C. e et al., 2014.
- 2014k. See Salik, L. M. G. et al., 2014.
- 2014l. See Dias, F. M. S. et al., 2014b.
- 2014m. See Siewert, R. R. et al., 2014e.
- 2014n. See Santos, F. L. dos et al., 2014.
- 2014o. See Siewert, R. R. et al., 2014g.
- 2014p. See Carneiro, E. et al., 2014b.
- 2014q. See Dolibaina, D. R. et al., 2014.
- 2014r. See Carneiro, E. et al., 2014c.
- 2015a. See Carneiro, E. et al., 2015a.
- 2015b. See Dias, F. M. S. et al., 2015a.
- 2015c. See Dias, F. M. S. et al., 2015b.
- 2015d. See Carneiro, E. et al., 2015b.
- 2015e. See Siewert, R. R. et al., 2015a.
- 2015f. See Leviski, G. L. et al., 2015.
- 2015g. See Bonfantii, D. et al., 2015a.
- 2015h. See Bonfantii, D. et al., 2015b.
- 2015i. See Bonfantii, D. et al., 2015c.
- 2015j. See Dolibaina, D. R. et al., 2015a.
- 2015k. See Leite, L. A. R. et al., 2015.
- 2015l. See Paluch, M. et al., 2015.
- 2015m. See Henao, E. R. et al., 2015.
- 2015n. See Neild, A. F. E. et al., 2015.
- 2015o. See Carneiro, E. et al., 2015c.
- 2015p. See Dias, F. M. S. et al., 2015c.
- 2015q. See Salik, L. M. G. et al., 2015.
- 2015r. See Siewert, R. R. et al., 2015b.
- 2016a. See Zacca, T. et al., 2016.
- 2016b. See Dias, F. M. S. et al., 2016.
- 2016c. See Queiroz-Santos, L. et al., 2016.
- 2016d. See Siewert, R. R. et al., 2016b.
- 2016e. See Dolibaina, D. R. et al., 2016.
- 2016f. See Oliveira-Neto, J. F. de et al., 2016.
- 2016g. See Leviski, G. L. et al., 2016.
- 2016h. See Mielke, O. H. H. & M. M. Casagrande, 2016.
- 2016i. See Santos, W. I. G. et al., 2016.
- 2017a. See Zacca, T. et al., 2017a.
- 2017b. See Salik, L. M. G. et al., 2017.
- 2017c. See Penz, C. M. et al., 2017.
- 2017d. See Dolibaina, D. R. et al., 2017a.
- 2017e. See Zacca, T. et al., 2017b.
- 2017f. See Leite, L. A. R. et al., 2017.
- 2017g. See Zacca, T. et al., 2017c.
- 2017h. See Zacca, T. et al., 2017d.
- 2017i. See Pérez, J. H. et al., 2017b.
- 2017j. See Ortiz, E. et al., 2017.
- 2017k. See Dolibaina, D. R. et al., 2017b.
- 2017l. See Câmara, J. T. et al., 2017.
- 2018a. See Pycz, T. W. et al., 2018a.
- 2018b. See Freitas, A. V. L. et al., 2018b.
- 2018c. See Benmesbah, M. et al., 2018.
- 2018d. See Gaviria, F. G. et al., 2018.
- 2018e. See Zacca, T. et al., 2018.
- 2018f. See Siewert, R. R. et al., 2018a.

- 2018g. See Siewert, R. R. et al., 2018b.
- 2019a. See Dias, F. M. S. et al., 2019a.
- 2019b. See Dias, F. M. S. et al., 2019b.
- 2019c. See Espeland, M. et al., 2019.
- 2019d. See Toussaint, E. F. A. et al., 2019.
- 2019e. See Dias, F. M. S. et al., 2019c.
- 2019f. See Medeiros, A. D. de et al., 2019a.
- 2019g. See Nakahara, S. et al., 2019b.
- 2019h. See Medeiros, A. D. de et al., 2019b.
- Casagrande, Mirna Martins, Diego Rodrigo Dolibaina, Eduardo Carneiro, Fernando Maia Silva Dias, Luis Anderson Ribeiro Leite and Olaf Hermann Hendrik Mielke**
2011. See Mielke, O. H. H. et al., [2012]c.
- Casagrande, Mirna Martins, and Olaf Hermann Hendrik Mielke**
1979. *Eurema (Eurema) furtadoi* sp. n. de Mato Grosso, Brasil (Lepidoptera, Pieridae). *Dusenya* (Curitiba) 11(3): 137-142, 18 figs. ("15", 30 November)
1985. Estágios imaturos de *Agrias claudina claudiana* Staudinger (Lepidoptera, Nymphalidae, Charaxinae). *Revista brasileira de Entomologia* 29(1): 139-142, 10 figs. (17 June) [Brazil]
1993. Borboletas (Lepidoptera) ameaçadas de extinção no Paraná. *Revista brasileira de Zoologia* 9(1/2): 75-92, 17 figs. ("1992", 1 November 1993) [general; Brazil]
1995. *Borboletas ameaçadas de extinção no Paraná*, pp. 145-157, figs. In: *Lista vermelha dos animais ameaçados de extinção no Estado do Paraná*. Curitiba, SEMA/GTZ (January) [general; host plants; behavior; Brazil]
1998. Plantas hospedeiras das espécies de *Agrias* Doubleday (Lepidoptera, Nymphalidae, Charaxinae). *Revista brasileira de Zoologia* 14(3): 771-772 (30 April) [*A. claudina claudiana* Staudinger, *A. c. godmani* Fruhstorfer, *A. amydon ferdinandi* Fruhstorfer; Brazil]
- 2000a. Larva de quinto estágio e pupa de *Caligo martia* (Godart) (Lepidoptera, Nymphalidae, Brassolinae). *Revista brasileira de Zoologia* 17(1): 75-79, 10 figs. (31 March) [host plants; Brazil]
- 2000b. Larva de quinto estágio e pupa de *Dasyophthalma rusina rusina* (Godart) (Lepidoptera, Nymphalidae, Brassolinae). *Revista brasileira de Zoologia* 17(2): 401-404, 10 figs. (30 June) [host plant; Brazil]
2003. Larvas de quarto e quinto estádios e pupa de *Dasyophthalma creusa creusa* (Hübner) (Lepidoptera, Nymphalidae, Brassolinae). *Revista brasileira de Zoologia* 20(1): 157-160, 8 figs. (31 March) [host plant; Brazil]
2005. Larva de quinto estágio e pupa de *Opsiphanes quiteria meridionalis* Staudinger (Lepidoptera, Nymphalidae, Brassolinae). *Revista brasileira de Entomologia* 49(3): 421-424, 13 figs. (30 September) [host plant; Brazil]
- 2006a. See Mielke, O. H. H. & M. M. Casagrande, 2006.
- 2006b. See Paluch, M. et al., 2006.
- 2006c. See Souza, N. A. de et al., 2006.
- 2006d. See Vargas, H. A. et al., 2006.
- 2007a. See Mielke, O. H. H. & M. M. Casagrande, 2007.
- 2007b. See Marcicano, M. D. L. et al., 2007.
- 2007c. Uma nova subespécie de *Parides bunichus* (Hübner) (Lepidoptera, Papilionidae, Troidini) do interior da Bahia, Brasil. *Revista brasileira de Entomologia* 51(3): 301-304, 13 figs. (30 September) [*P. b. almas*]
- 2007d. Sobre a bionomia de *Eryphanis reevesii* (Lepidoptera: Nymphalidae: Brassolinae). *Tropical Lepidoptera* 17(1/2): 19-21, 8 figs. (20 December) [larva, pupa; host plant; Brazil]
2008. A note on the life history of *Caligo brasiliensis brasiliensis* (Lepidoptera: Nymphalidae, Morphinae). *Tropical Lepidoptera Research* 18(1): 9-11, 10 figs. (1 June) [larva, pupa, imago; host plants; Brazil]
- Casagrande, Mirna Martins, Olaf Hermann Hendrik Mielke and Keith Spalding Brown, Jr.**
- 1998a. Borboletas (Lepidoptera) ameaçadas de extinção em Minas Gerais, Brasil. *Revista brasileira de Zoologia* 15(1): 241-259, 25 figs. (14 August) [general]
- 1998b. *Orobrossolis ornamentalis (Stichel, 1906)*, pp. 523-524, fig. 51, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998c. *Dasyophthalma vertebralis Butler, 1869*, pp. 525-526, fig. 49, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998d. *Dasyophthalma geraensis Rebel, 1922*, pp. 527-528, fig. 48, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- Casagrande, Mirna Martins, Olaf Hermann Hendrik Mielke, Eduardo Carneiro, José Albertino Rafael and Roger William Hutchings**
2012. Hesperioidea e Papilionoidea (Lepidoptera) coligidos em expedição aos Rios Nhamundá e Abacaxis, Amazonas, Brasil: novos subsídios para o conhecimento da biodiversidade da Amazônia brasileira. *Revista brasileira de Entomologia* 56(1): 23-28, 1 fig., 2 tabs. (31 March; published online 29 March) [general]
- Casagrande, Mirna Martins, Carla Maria Penz and Philip James DeVries**
2009. Description of early stages of *Chorinea licursis* (Fabricius) (Riodinidae). *Tropical Lepidoptera Research* 19(2): 89-93, 3 figs. (1 December) [egg, larva, pupa; host plant; behavior; Brazil]
- Casali, Vicente Wagner Dias**
1998. See Picanço, M. C. et al., 1998.
2015. See Mapeli, N. C. et al., 2015.
- Casanueva, María Eugenia**
1987. See Angulo, A. O. & M. E. Casanueva, 1987.
- Cásares, Rafael**
2006. See Rodríguez, G. et al., 2006.
- 2009a. See Rodríguez, G. et al., 2009a.
- 2009b. See Rodríguez, G. et al., [2009]b.
2011. See Rodríguez, G. et al., 2011.
- 2012a. See Rodríguez, G. et al., 2012a.
- 2012b. See Rodríguez, G. et al., 2012b.
- Casas, Lady Carolina, Oscar Javier Mahecha, Juan Camilo Dumar and Indiana (= Jeisson) Cristóbal Ríos**
2017. Diversidad de mariposas en un paisaje de bosque seco tropical, en la Mesa de los Santos, Santander, Colombia (Lepidoptera: Papilionoidea). *Shilap* 45(177): 83-108, 8 figs., 1 tab. (30 March) [general]
- Casasola, Francisco**
2007. See Tobar, D. E. et al., 2007.
- Cascante, Alfredo, and Germán Vega**
2012. El fósil viviente *Zamia acuminata* (Zamiaceae) y la mariposa *Eumaeus godartii* (Lepidoptera: Lycaenidae) en El Rodeo. *Brenesia* (San José) 77: 351-356, 3 figs., 1 tab. (March) [host plant; Costa Rica]
- Caser, Roberto Luiz**
1978. See Golfari, L. et al., 1978.
- Casner, Kayce L.**
2009. See Pyrcz, T. W. et al., 2009b.

- Casner, Kayce L., and Tomasz Wilhelm Pyrcz**  
2010. Patterns and timing of diversification in a tropical montane butterfly genus, *Lymanopoda* (Nymphalidae, Satyriinae). *Ecography* 33(2): 251-259, 3 figs., 1 tab. ("April"; published online 22 June) [general; Central and South America]
- Caso, Laura**  
2011. See Acuña, A. M. et al., 2011.
- Caspers, Barbara**  
2017. See Cuthill, I. C. et al., 2017.
- Casselmann, Amy L.**  
2003. See Froy, O. et al., 2003.
- Cassels, Bruce Kennedy**  
1982. See Urzúa, A. et al., 1982.  
1983a. See Eckhardt, G. et al., 1983.  
1983b. See Urzúa, A. et al., 1983.  
1987. See Urzúa, A. et al., 1987.
- Cassie, Brian**  
2001. Two very different butterfly books. *American Butterflies* 9(1): 40-41. [general; book review]  
2004. *A world of butterflies*. New York, Bullfinch Press. xii + 420 pp., figs. [general]
- Cassildé, Catherine**  
2017. See Nattier, R. et al., 2017.
- Cassildé, Catherine, Patrick Blandin, Jacques Pierre and Thierry Bourgoïn**  
2010. Phylogeny of the genus *Morpho* Fabricius, 1807, revisited (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 115(2): 225-250, 5 pls., 2 figs., 3 tabs. ([14] June) [general; new subgenus: *Deyrollia* Cassildé & Blandin; Neotropics]
- Cassildé, Catherine, Patrick Blandin and Jean-François Silvain**  
2012. Phylogeny of the genus *Morpho* Fabricius, 1807: insights from two mitochondrial genes (Lepidoptera: Nymphalidae). *Annales de la Société entomologique de France* (N.S.) 48(1/2): 173-188, 4 tabs., 5 figs. (31 July) [general; Neotropics]
- Cassino, Paulo Cesar Rodrigues**  
2002. See Aguiar-Menezes, E. de L. et al., 2002.
- Cassis, Gerasimos**  
2019. See McLean, D. J. et al., 2019.
- Cast, Michel**  
2014. Description d'une nouvelle sous-espèce équatorienne d'*Eueides emsleyi* Brown, 1975: *E. e. esmeraldensis* ssp. nova (Lepidoptera: Nymphalidae). *Lépidoptères* (Paris) 22(56): 98-100, figs. (December)  
2016. Particularités biologiques des *Heliconius* (Lepidoptera, Nymphalidae). *Lépidoptères* (Paris) 25(63): 40-46, 11 figs. (May) [general]  
2019. Description d'une nouvelle sous-espèce péruvienne du genre *Heliconius*: *H. (Neruda) metharme adelinae* (Lepidoptera: Nymphalidae). *Lépidoptères* (Paris) 28(73): 94-96, figs. (September)
- Cast, Michel, and Jean-François Le Crom**  
2012. *Heliconius melpomene* dans la vallée de la Magdalena (Colombie). Révision et description d'une nouvelle sous-espèce polymorphique *Heliconius melpomene martinae* nova ssp. (Lepidoptera: Nymphalidae; Heliconiinae). *Lépidoptères* (Paris) 21(53): 96-101, 6 figs., 1 map (December) [forms "flavomartina" and "mixta"; unavailable names]
- Castaneda, Luis Fernando**  
2008. See Sermeño, J. M. et al., 2008.
- Castañeda, Álvaro**  
2017. See Jiménez, E. et al., 2017.
- Castañeda, Álvaro, Cristian Nava, Marcelo Duarte, Omar Franco and Luis Martín Hernández**  
2011. New host plant records for *Oenomaus ortygnus* (Cramer) (Lepidoptera: Lycaenidae) in Mexico. *Neotropical Entomology* 40(4): 512-514, 2 figs. (August)
- Castañeda, América Nitxín**  
2015. See Pozo, M. del C. et al., 2015.  
2016. See Jasso, J. M. et al., 2016.  
2018. See Jasso, J. M. et al., 2018.
- Castañeda, Bertha Andrea**  
1995. See Torres, R. et al., 1995.
- Castañeda-Ortega, Julio César**  
2019. See Hernández-Baz, F. et al., 2019.
- Castaño, July**  
2010. See Muñoz, A. G. et al., 2010.  
2012. See Arias, C. F. et al., 2012.
- Castaño-Meneses, Gabriela**  
2017. See Figueroa-Castro, D. M. et al., 2017.
- Castellani, Maria Aparecida**  
2012. Mattos Sobrinho, C. C. de et al., 2012.
- Castellani, Tania Tarabini, Karla Zanenga Scherer, Lucir Maria Locatelli and Benedito Cortês Lopes**  
1996. The occurrence of *Junonia evarete* (Lepidoptera: Nymphalidae) and *Acromyrmex striatus* (Hymenoptera: Formicidae) on *Paepalanthus polyanthus* (Eriocaulaceae). *Journal of the New York entomological Society* 103(3): 329-334, 1 fig., 1 tab. (5 November) [host plant; Brazil]
- Castellanos, Ignacio**  
2019. See Pérez-Jarillo, E. B. et al., 2019.
- Castellanos, Rafael Ramón**  
2005. *Miranda y el pendón de la patria*. Caracas, FOGADE. 94 pp., figs. [Ed. 2, 2006] [Venezuela, Surinam; history]
- Castellar, Nelson, and Alvaro Figueroa**  
1969. Estudio biológico de dos formas de lepidópteros: *Agraulis vanillae* (Linn.) y *Mechanitis veritabilis* (Butler) en el maracuyá (*Passiflora edulis* var. *flavicarpa*, D.). *Acta agronómica* (Palmira) 19(1): 17-30, 3 figs. [egg, larva, pupa, imago; host plants; parasitoids, predators; Colombia]
- Castelló, Teresa**  
1990. See María y Campos, T. & T. Castelló, 1990.
- Castilleja, Guillermo**  
2002. See Brower, L. P. et al., 2002.  
2003. See Bojórquez, L. A. et al., 2003.
- Castillo, Alexander**  
2008. See Badenes, F. R. et al., 2008.  
2010. See Hanson, P. E. et al., 2010.
- Castillo, Dennis del**  
2008. See Vásquez, J. et al., 2008.
- Castillo, Diana L.**  
2013. See Duque, P. et al., 2013.  
2014. See Duque, P. et al., 2014.
- Castillo, Edmundo**  
1983. See Pava, J. et al., 1983.
- Castillo, Esmeralda del**  
2008. See Salas, M. D. et al., 2008.
- Castillo, Jesús M.**  
2014. See Carrión, J. et al., 2014.
- Castillo, Juan José**  
1961. El frijol. *Serie de Cultivos. Consejo de Bienestar rural* (Caracas) 3: 1-49, figs. (December) [*Urbanus proteus* (Linnaeus); host plant; Venezuela]
- Castillo, Leidy Paola, Alejandro Osorio, Natalia Vargas, Tatiana Sanjuan, Alejandro Grajales and Silvia Restrepo**  
2018. Genetic diversity of the entomopathogenic fungus *Cordyceps tenuipes* in forests and butterfly gardens in Quindío, Colombia. *Fungal Biology* 122(9): 891-899, 4 figs., 2 tabs. (September) [general]
- Castillo, Marcos Augusto**  
2016. See Araque, J. J. et al., 2016.
- Castillo, Marcos Augusto, and Joxual Josué Araque**

2017. Diversidad de lepidópteros diurnos en la ribera del Río Jesús, Villa del Carmen, Managua, 2014. *Revista nicaragüense de Entomología* 100: 3-26, figs., tabs., 4 graphs (March) [general; Nicaragua]
- Castillo, María Elena, Leticia Escalante and Javier Ponce**  
2008. *Revisión y actualización de las mariposas diurnas (Lepidoptera: Papilionoidea) del Estado de Michoacán, México*, pp. 953-957, 1 fig., 3 tabs. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 7. México, Sociedad mexicana de Entomología. [general]
- Castillo, Pedro Saúl**  
2001. Evaluación de las principales plagas del "mangle rojo" (*Rhizophora mangle*), "mangle salado" (*Avicennia germinans*) y "mangle blanco" (*Laguncularia racemosa*) en Tumbes, Perú. *Revista peruana de Entomología* 42: 185-189 ([18 May]) [*Pseudolycaena nellyae* Lamas; host plant]  
2007. *Insectos y ácaros plagas del cultivo de arroz*. Tumbes, Universidad Nacional de Tumbes. [vii] + 42 pp., figs. (April) [Hesperiidae; host plants; Peru]
- Castillo, Rogelio del**  
2010. See Barrios, Y. et al., 2010.
- Castillo, Ruth Mariela**  
2007. See Quintero, I. et al., 2007.
- Castillo, Ruth Mariela, Diana Cabrera and Elizabeth Lombana**  
2011. Caracterización preliminar de la lepidopterofauna (Insecta: Rophalocera [sic]) presente en la reserva privada: refugio del oso de anteojos (Calvario Meta), Colombia. *Cultura científica* (Tunja) 9: 28-34, 3 figs., 2 tabs. ([24 October]) [general]
- Castillo-Granados, Ivone Daniela, and Luis Alberto Núñez-Avellaneda**  
2018. Mariposas diurnas visitantes de *Melochia spicata* Fryxell, 1988 (Malvaceae) en un bosque de galería en la Orinoquia colombiana. *Entomología mexicana* 5: 308-314, 2 figs., 1 tab. (July) [general]
- Castillo-Guevara, Citlalli, and Víctor Rico-Gray**  
2002. Is cycasin in *Eumaeus minyas* (Lepidoptera: Lycaenidae) a predator deterrent? *Interciencia* 27(9): 465-470, 2 figs. (September) [host plant; Mexico]
- Castiñeiras, A., and Luis Roberto Hernández**  
1980. Nuevos hospederos de *Spilochalcis hirtifemora* (Ashmead) (Hymenoptera: Chalcididae) para Cuba. *Poeyana* 209: 1-9, 1 fig., 1 tab. (30 July) [*Phoebis sennae* (Linnaeus); parasitoid]
- Castner, James Lee** [1954- ]  
2000. *Amazon insects. A photo guide*. Gainesville, Feline Press. 160 pp., figs. [general]
- Castrejón-García, R.**  
2005. See Castrejón-Pita, A. A. et al., 2005.
- Castrejón-Pita, Alfonso A., A. Sarmiento-Galán, José Rafael Castrejón-Pita and R. Castrejón-García**  
2005. Fractal dimensions in butterflies' wings: a novel approach to understanding wing patterns? *Journal of mathematical Biology* 50(5): 584-594, 4 figs., 1 tab. (April; published online 20 December 2004) [general; Mexico]
- Castrejón-Pita, José Rafael**  
2005. See Castrejón-Pita, A. A. et al., 2005.
- Castrillo, Geovany**  
1993. See Rhainds, M. et al., 1993.
- Castro, Adriana E.**  
2001. See Ramírez, L. A. et al., 2001.
- Castro, Alberto, and Carlos Iván Espinosa**  
2015. Seasonal diversity of butterflies and its relationship with woody-plant resources availability in a Ecuadorian tropical dry forest. *Tropical Conservation Science* 8(2): 333-351, 4 figs. (29 June) [general]
- Castro, Ancidérton Antonio de**  
2009. See Silva, C. A. D. da et al., 2009.  
2013. See Ribeiro, R. C. et al., 2013.
- Castro, Andrea**  
2014. *Caligo eurilochus* (Cramer, 1775). *Bioma* (San Salvador) 2(18): 48, 1 fig. (April) [host plants; Colombia]
- Castro, Cibele Cardoso de, and Paulo Eugênio Oliveira**  
2002. Pollination biology of distylous Rubiaceae in the atlantic rain forest, SE Brazil. *Plant Biology* 4(5): 640-646, 3 figs., 3 tabs. (September) [*Melinaea ludovica paraiya* Reakirt, *Parides anchises nephalion* (Godart), *P. tros* (Fabricius)]
- Castro, Cintia Oliveira de**  
2012. See Silva, A. R. M. et al., 2012.
- Castro, Cynthia**  
2018. See Pfeiler, E. J. et al., 2018.
- Castro, Daniel Souza**  
2010. See Iserhard, C. A. et al., 2010b.
- Castro, Diana Jimena**  
2004a. See Michán, L. et al., 2004.  
2004b. See Le Crom, J. F. et al., 2004.  
2006. See Llorente, J. E. et al., 2006a.  
2008. See Llorente, J. E. & D. J. Castro, 2008.  
2016a. See Nieves, S. et al., 2016a.  
2016b. See Nieves, S. et al., 2016c.  
2016c. See Nieves, S. et al., 2016d.  
2016d. See Llorente, J. E. et al., 2016.  
2018a. See Llorente, J. E. et al., 2018.  
2018b. See Vargas, I. et al., 2018.
- Castro, Diana Jimena, and Jorge Enrique Llorente**  
2017. Comparative exploration of antennae in *Pseudopontia*, and antennal clubs of the tribes Leptideini and Dismorphiini (Lepidoptera: Pieridae). *Zootaxa* 4347(3): 401-445, 16 figs., 2 tabs. (14 November) [general; morphology; Neotropics]  
2019. Antennal ultrastructure in *Patia* (Pieridae, Dismorphiinae). *Zootaxa* 4559(3): 445-472, 6 figs., 1 tab. (21 February) [general; morphology; Panama, South America]
- Castro, Érika Cristina Pinheiro de**  
2018. See Zagrobelny, M. et al., 2018.
- Castro, Érika Cristina Pinheiro de, Mika Zagrobelny, Márcio Zikán Cardoso and Søren Bak**  
2018. The arms race between heliconiine butterflies and *Passiflora* plants – new insights on an ancient subject. *Biological Reviews* (Cambridge) 93(1): 555-573, 4 figs., 1 tab. (February; published online 13 September 2017) [general; host plants; Neotropics]
- Castro, Érika Cristina Pinheiro de, Mika Zagrobelny, Juan Pablo Zurano, Márcio Zikán Cardoso, René Feyereisen and Søren Bak**  
2019. Sequestration and biosynthesis of cyanogenic glucosides in passion vine butterflies and consequences for the diversification of their host plants. *Ecology and Evolution* 9(9): 5079-5093, 6 figs., 1 tab. (May; published online 13 April) [general; Heliconiinae]
- Castro, Gerardo**  
2014. See Hernández-Baz, F. et al., 2014.  
2016. See Hernández-Baz, F. et al., 2016b.
- Castro, Juan José**  
2007. See Cerdas, M. del M. et al., 2007.
- Castro, Marília de Moraes**  
2013. See Cardoso-Gustavson, P. et al., 2013.
- Castro, Olivier, Julio M. Arias-Reverón, Arnoldo Gadea-Rivas and Luis Alberto Camero**  
2017. Efecto de un suplemento vitamínico y tres especies de plantas alimenticias (Fabaceae), en la producción de mariposas *Morpho helenor* (Nymphalidae: Lepidoptera). *Cuadernos de Investigación UNED* 9(2): 289-296, 2 figs., 2

- tabs. (December) [Costa Rica]
- Castro, Vinícius Resende de**  
2019. See Ribeiro, R. C. et al., 2019.
- Castro, Zenilda Bezerra de**  
1974. See Cavalcante, R. D. et al., 1974.
- Castro-Ibarra, César, Oskarly Pérez-Anaya and Cristian Guzmán**  
2017. Ciclo de vida y descripción de los estadios inmaduros de *Caligo telamonius memnon* (C. Felder y R. Felder, 1867) (Lepidoptera: Nymphalidae) en condiciones de zoocría en zona de amortiguación del Parque Nacional Natural Tayrona. *Revista Biodiversidad neotropical* 7(2): 76-85, 5 figs., 2 tabs. (June) [egg, larva, pupa, imago; host plants; Colombia]
- Castro-Urgal, Rocío**  
2013. See Traveset, A. et al., 2013.
- Caswell, George Henry**  
1962. *Agricultural entomology in the tropics*. London, Edward Arnold (Publishers) Ltd. 152 pp. [*Brassolis sophorae* (Linnaeus); host plant; Guyana]
- Catala, René L. A.** [1901-1988]  
1949. Contribution a l'étude des effets optiques sur les ailes des papillons. *Encyclopédie entomologique* (A) 25: 1-78, 60 figs. [general; biophysics; Central and South America]
- Catalá, Silvia Susana**  
1972. Aspectos de la reproducción de la isoca de la alfalfa (*Colias lesbia* F.) Lepidoptera: Pierididae. *Revista de Investigaciones agropecuarias* (Buenos Aires) (5)9(1): 23-39, 11 figs., 1 tab. (October) [Argentina]
- Catalán, Ana, Adriana Darielle Briscoe and Sebastian Höhna**  
2019. Drift and directional selection are the evolutionary forces driving gene expression divergence in eye and brain tissue of *Heliconius* butterflies. *Genetics* 213(2): 581-594, 10 figs., 1 tab. (October; published online 29 August) [general; Costa Rica]
- Catalán, Ana, Aide Macías-Muñoz and Adriana Darielle Briscoe**  
2018. Evolution of sex-biased gene expression and dosage compensation in the eye and brain of *Heliconius* butterflies. *Molecular Biology and Evolution* 35(9): 2120-2134, 10 figs., 1 tab. (1 September; published online 19 June) [general; Costa Rica]
- Catalán, Cesario**  
2008. See Luna, C. et al., 2008.  
2009. See Luna, C. et al., 2009.  
2012. See Luna, C. et al., 2012.  
2013. See Luna, C. et al., 2013.
- Catchpole, Kylie R.**  
2017. See Lal, N. N. et al., 2017.
- Câtel, Florian**  
2013. See Triviño, P. M. et al., 2013.
- Caterino, Michael S.**  
2004. See Zakharov, E. V. et al., 2004a.
- Caterino, Michael S., Jeffrey Glassberg and John Heraty**  
2003. Report of the NABA Names Committee. *American Butterflies* 11(2): 24-27, figs. [general; taxonomy; Mexico]
- Caterino, Michael S., Robert D. Reed, May M. Kuo and Felix A. H. Sperling**  
2001. A partitioned likelihood analysis of swallowtail butterfly phylogeny (Lepidoptera: Papilionidae). *Systematic Biology* 50(1): 106-127, 5 figs., 4 tabs. (February) [general]
- Caterino, Michael S., and Felix A. H. Sperling**  
1999. *Papilio* phylogeny based on mitochondrial cytochrome oxidase I and II genes. *Molecular Phylogenetics and Evolution* 11(1): 122-137, 9 figs., 6 tabs. (February) [general]
- Catling, Paul M., and Brenda Kostiuk**  
2015a. Additional notes on the butterflies of St. Kitts and Nevis. *News of the Lepidopterists' Society* 57(4): 207-208 (17 November) [general; host plants]
- 2015b. Butterflies of St. Kitts and Nevis and the northeastern Leeward Islands, West Indies. [Charlestown, Nevis], Authors. 98 pp., 92 figs., 2 tabs. [general; host plants]
- Catoni, Luis A.**  
1920. Plagas de insectos que atacan a los árboles del género citro en Puerto Rico y cómo combatirlos. *Revista de Agricultura de Puerto Rico* 5(4): 35-39 (October) [*Papilio androgeus* Cramer]
- Catta-Preta, Patrícia Diniz, and Fernando Sérgio Zucoloto**  
2003. Oviposition behavior and performance aspects of *Ascia monuste* (Godart, 1919 [sic]) (Lepidoptera, Pieridae) on kale (*Brassica oleracea* var. *acephala*). *Revista brasileira de Entomologia* 47(2): 169-174, 2 figs., 2 tabs. (30 June) [Brazil]
- Cau, Marion**  
2019. See McClure, M. et al., 2019a.
- Caufield, Catherine**  
1984. *In the rainforest*. Chicago, The University of Chicago Press. xi + 305 pp., 1 map. [general; ecology; conservation]
- Caussanel, Claude**  
1991. See Luquet, G. C. et al., 1991.
- Caussanel, Claude, and Jacques Carayon**  
1988. *Avant-propos*, pp. [11]-[16], 11 figs. In: Rösel von Rosenhof, A. J., *Les insectes*. Paris, Editions Citadelles. [496] pp., 288 + 2 pls., figs. (15 September) [general; history]
- Causton, Charlotte E.**  
2008. See Friesen, R. D. et al., 2008.
- Causton, Charlotte E., Stewart B. Peck, Bradley J. Sinclair, Lázaro Roque, C. J. Hodgson and Bernard Landry**  
2006. Alien insects: Threats and implications for conservation of Galápagos Islands. *Annals of the entomological Society of America* 99(1): 121-143, 2 tabs. (January) [*Calpodus ethlius* (Stoll), *Hemiargus ramon* (Dognin)]
- Cavalcante, Maria Lúzia Siqueira**  
1974. See Cavalcante, R. D. et al., 1974.
- Cavalcante, Reginaldo Dantas**  
1974. See Rossetto, C. J. et al., 1974.
- Cavalcante, Reginaldo Dantas, Francisca Nemauro Tavares Pedrosa, Vilalba de Pinho Vieira, Zenilda Bezerra de Castro, Maria Lúzia Siqueira Cavalcante, Odília Maria de Lima Santos and Francisco Edson de Araújo**  
1974. *Pragas que ocorrem nas culturas cearenses*. Fortaleza, Secretaria da Agricultura e Abastecimento. 49 pp. [general; life histories; Brazil]
- Cavanzón, Laura Elena, Salima Machkour-M'Rabet, Landy Rubí Chablé-Juit, María del Carmen Pozo, Yann Hénaut and Luc Legal**  
2018. Effect of climatic conditions and land cover on genetic structure and diversity of *Eunica tatila* (Lepidoptera) in the Yucatan Peninsula, Mexico. *Diversity* (Basel) 10(3)(79): 1-18, 5 figs., 3 tabs. (September; published online 2 August)
- Cavanzón, Laura Elena, María del Carmen Pozo, Yann Hénaut, Luc Legal, Noemí Salas and Salima Machkour-M'Rabet**  
2016. Complex population patterns of *Eunica tatila* Herrich-Schäffer (Lepidoptera: Nymphalidae), with special emphasis on sexual dimorphism. *Neotropical Entomology* 45(2): 148-158, 6 figs., 1 tab. (April; published online 16 December 2015) [Neotropics]
- Cavazos, Elizabeth**  
2002. See Carter, G. et al., 2002.
- Cavazos-Bautista, Lilian Montserrat**  
2017. Aprendiendo de la mariposa monarca *Danaus plexippus*. *Boletín de la Sociedad mexicana de Entomología* (Nueva

- serie) 3(2): 32-33, 3 figs. (August) [Mexico]
- Cave, Ronald D.** [1953- ], and **Roberto J. Cordero**  
1999. Parasitoides de *Leptophobia aripa* (Lepidoptera: Pieridae) en repollo y brócoli en Honduras. *Ceiba* 40(1): 51-55, 3 figs. (5 June) [host plants]
- Caveney, Stanley**  
2004a. See MacDonald, K. E. & S. Caveney, 2004a.  
2004b. See MacDonald, K. E. & S. Caveney, 2004b.
- Cavieres, Lohengrin Alexis**  
2005. See Muñoz, A. A. et al., 2005.  
2007. See Torres, C. et al., 2007.
- Cavin, Janice Clymer, and Timothy J. Bradley**  
1988. Adaptation to ingestion of  $\beta$ -carboline alkaloids by Heliconiini butterflies. *Journal of Insect Physiology* 34(12): 1071-1075, 1 fig., 2 tabs. [*Agraulis vanillae* (Linnaeus), *Heliconius charitonius* (Linnaeus), *H. ismenius clarescens* Butler]
- Cawthorne, Richard**  
2002. Storm in Mexico devastates monarch butterfly colonies. *Bulletin of the Amateur Entomologists' Society* 61(442): 88-90 (June) [*Danaus plexippus* (Linnaeus)]
- Cayetano, Hermano**  
1915. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 3(10): 151-152 (November) [general; Colombia]  
1916. [Notes]. *Boletín de la Sociedad de Ciencias naturales del Instituto de La Salle* (Bogotá) 4(26): 1-2 (February) [general; Colombia]
- Cazorla, Dalmiro, and Pedro Morales**  
2019. Registro de *Danaus plexippus* (Linnaeus, 1758) (Lepidoptera: Nymphalidae) en Coro, estado Falcón, Venezuela. *Revista nicaragüense de Entomología* 187: 1-16, 17 figs. (December) [host plant]
- Ceballos, Efrén**  
1968. See Velasco, H. et al., 1968.
- Ceballos, Ismael** [1919-1988]  
1981. Lista de insectos de Kallanka - Cusco. *Cantua* (Cuzco) 7/8: 29-39. [general; Peru]  
1982. Fauna de Callanga y nueva ubicación geográfica de la localidad y del Río Kallanqa en el Cusco. *Cantua* (Cuzco) 9/10: 31-49, 2 figs. [general; Peru]  
1983. Lista de insectos de Kallanqa, Cusco. *Revista peruana de Entomología* 24(1): 75-80 (30 May) [general; Peru]
- Cech, Richard B.**  
2002. So what do the dinas dwelling at Deering do, dear? *American Butterflies* 10(1): 24-26, 3 figs. [*Eurema dina helios* (Bates); host plants; Bahamas]
- Cech, Richard B., George Traut Austin and Andrew David Warren**  
2008. An undescribed species of *Carystus* (Hesperiidae) occurs in Peru. *News of the Lepidopterists' Society* 50(1): 8-9, 19, 4 figs. (10 May)
- Cekalovic, Tomás Nicolás** [1928-2013], and **Jorge Narciso Artigas**  
1969. Catálogo de los tipos de Insecta depositados en la colección del Departamento de Zoología de la Universidad de Concepción (INCO) (Diciembre, 1968). *Boletín de la Sociedad de Biología de Concepción* 41: 111-133 (19 August) [general; Chile]  
1974. Catálogo de los tipos de Insecta depositados en la colección del Departamento de Zoología de la Universidad de Concepción (INCO) (Enero, 1969 a Enero, 1974) (Parte II). *Boletín de la Sociedad de Biología de Concepción* 47: 233-246 (30 July) [*Hypsochila* (*Chionanema*) *peñai* [sic] Ureta; Chile]  
1981. Catálogo de los tipos depositados en las colecciones del Departamento de Zoología de la Universidad de Concepción, Chile. (Parte IV, incluye fósiles). (Hasta junio de 1981). *Boletín de la Sociedad de Biología de Concepción* 52: 203-225 (3 December) [*Eroessa chilensis* (Guérin); pseudotypes]
- Cekalovic, Tomás Nicolás, Jorge Narciso Artigas and Lajos Biro**  
1993. Catálogo de los tipos depositados en las colecciones del Departamento de Zoología de la Universidad de Concepción (MZUC). Parte V: Junio, 1981 - Diciembre 1992. *Boletín de la Sociedad de Biología de Concepción* 64: 47-84 (30 December) [Pieridae, Satyrinae, Hesperidae; Peru, Chile]
- Cekalovic, Tomás Nicolás, and Wladimir Cekalovic**  
2007. Arthropoda y Mollusca del Parque Oncol (Valdivia, Región de Los Ríos, Chile). Primer aporte. *Boletín de la Sociedad de Biología de Concepción* 78: 35-48, pls. 1-2, 1 fig. (30 December) [general]
- Cekalovic, Wladimir**  
2007. See Cekalovic, T. N. & W. Cekalovic, 2007.
- Celedon-Neghme, Constanza**  
2005. See Muñoz, A. A. et al., 2005.
- Celentano, Danielle, Ananda Celentano-Rousseau, Noam Celentano-Rousseau and Guillaume X. Rousseau**  
2018. A new ant-butterfly interaction from Upaon-Açu Island on the Amazon coast of Brazil. *News of the Lepidopterists' Society* 60(4): 180-183, 8 figs. (15 November) [*Caligo illioneus* (Cramer), *Heliconius* sp.]
- Celentano-Rousseau, Ananda**  
2018. See Celentano, D. et al., 2018.
- Celentano-Rousseau, Noam**  
2018. See Celentano, D. et al., 2018.
- Celestino, Flávio Neves**  
2007. See Pratisoli, D. et al., 2007b.
- Celli, Giorgio**  
1986. See Ricci, F. M., 1986.
- Celli, Giorgio, Chris Schriks, Jules Michelet, Henry Bolingbroke and E. M. Verschuur**  
1986. In: Ricci, F. M. (Ed.), *Tropico degli insetti*. *Kos* 3(25): 11-64, figs. (September) [general; history: on M. S. Merian; Surinam]
- Celorio-Mancera, María de la Paz**  
2019. See Hill, J. A. et al., 2019.
- Cena-Velázquez, José Manuel**  
2018a. See Morales-Morales, C. J. et al., 2018a.  
2018b. See Morales-Morales, C. J. et al., 2018b.  
2019. See Morales-Morales, C. J. et al., 2019.
- Cepeda, Jorge**  
2009. See Pizarro, J. et al., 2009.
- Cerana, María Micaela**  
2004. Flower morphology and pollination in *Mikania* (Asteraceae). *Flora* (Jena) 199(2): 168-177, 4 figs., 4 tabs. [*Hypanartia bella* (Fabricius), *Physiodes* [sic], *Calycopsis*; Argentina]
- Cerávolo, María Sylvia**  
2015. See Francini, R. B. et al., 2015.
- Cerdas, María del Milagro, Gerardina Umaña and Juan José Castro**  
2007. *Manual de manejo poscosecha de anona* (*Annona cherimola*, *Milj* [sic]). San José, Universidad de Costa Rica. 58 pp., figs., 13 tabs. [*Oenomaus ortygnus* (Cramer); host plant; Costa Rica]
- Cerdeña, José Alfredo**  
2013. See Pycrz, T. W. et al., 2013b.  
2015. See Vargas, H. A. et al., 2015.  
2017. See Zubek, A. et al., 2017.  
2019a. See Bálint, Z. et al., 2019a.  
2019b. See Pycrz, T. W. et al., 2019b.
- Cerdeña, José Alfredo, Rómulo Delgado, Erick Huamaní and**

- Gerardo Lamas**  
2016. A remarkable elevational record of *Methona confusa* Butler, 1873 (Nymphalidae) in a high montane area of Southeastern Peru. *Journal of the Lepidopterists' Society* 70(3): 249-250, 2 figs. (30 August)
- Cerdeña, José Alfredo, and Jackie Jannete Farfán**  
2015. Primer registro para Perú de *Symmachia sepyra* (Hewitson, 1877) (Lepidoptera: Riodinidae). *Acta zoológica mexicana* (N. S.) 31(1): 129-130, 2 figs. (April) [behavior]
- Cerdeña, José Alfredo, Jackie Jannete Farfán and Marco Delgado**  
2015. First record of *Chlorostyrymon kuscheli* (Ureta, 1949) (Lepidoptera: Lycaenidae) in Peru. *Check List* 11(1)(1529): 1-2, 1 fig. (January)
- Cerdeña, José Alfredo, and Erick Huamani**  
2014. Two new butterfly records for Peru: *Orophila cardases cardases* and *Pedaliodes garlaczi* (Lepidoptera: Nymphalidae). *Revista peruana de Biología* 21(1): 109-110, 2 figs. (published online 26 May) [Ecuador]
- Cerdeña, José Alfredo, Erick Huamani, Rómulo Delgado and Gerardo Lamas**  
2014. Nueva especie de Hesperiiidae (Lepidoptera) para Perú: *Dalla granites* (Mabille, 1898). *Revista peruana de Biología* 21(1): 105-107, 2 figs. (published online 26 May) [*D. g. privata* Draudt; Ecuador, Bolivia]
- Cerdeña, José Alfredo, Tomasz Wilhelm Pyrcz and Thamara Zacca**  
2014. Mariposas altoandinas del sur del Perú, I. Satyrinae de la puna xerofítica, con la descripción de dos nuevos taxones y tres nuevos registros para Perú (Lepidoptera: Nymphalidae). *Revista peruana de Biología* 21(3): 213-222, 12 figs. (30 December) [general; new taxa: *Pampasatyrus gorkyi*, *Argyrophorus lamna cuzcoensis*]
- Cerino, María Carolina, Geraldina Alicia Richard, Juan Pablo Torretta, Hugo Francisco Gutiérrez and José Francisco Pensiero**  
2015b. Reproductive biology of *Ziziphus mistol* Griseb. (Rhamnaceae), a wild fruit tree of saline environments. *Flora* (Jena) 211: 18-25, 4 figs., 3 tabs. (February; published online 19 December 2014) [*Riodina lysippoides* Berg; Argentina]
- Cerino, María Carolina, Juan Pablo Torretta, Hugo Francisco Gutiérrez, Geraldina Alicia Richard and José Francisco Pensiero**  
2015a. Reproductive biology of *Vasconcellea quercifolia* A. St.-Hil. (Caricaceae), a moth-pollinated 'highland papaya'. *Plant Systematics and Evolution* 301(2): 589-598, 4 figs., 3 tabs. (February; published online 27 June 2014) [*Ortilia ithra* (Kirby); Argentina]
- Cermeli, Mario**  
1962. See Báscones, L. et al., 1962.  
2003. See Morales, P. et al., 2003.
- Cerqueira, Luana Pereira**  
2016. See Ferreira, C. P. dos S. et al., 2016.
- Cervantes, Iliana Paola, Abigail Elvira Cruz, Gabriela Damián, Sandy Reyes, Ariana Marlen Santiago, Daniela Fernanda Soriano and Luis Enrique Páez**  
2013. *Contribución al listado de lepidópteros diurnos presentes en Jungapeo, Michoacán*, pp. 1680-1685, 2 figs., 2 tabs. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(2). México, Sociedad mexicana de Entomología. [general; Mexico]
- Cervera, José Carlos**  
2012. See Ortigón, I. G. et al., 2012.
- Césare, Oscar**  
1969. Posibilidades del cultivo del maracuyá (*Pasiflora* [sic] *edulis*) en Tingo María. *Revista de la Universidad nacional agraria de la Selva* (Tingo María) 1: 18-24 (December) [*Dione moneta* Hübner; host plant; Peru]
- Cesari, Carlos**  
1995. Las mariposas: Caleidoscopio de la Naturaleza. *Carta ecológica* (Caracas) 5(74): 11-12, 2 figs. (July-September) [general; Venezuela]
- Cespedes, Ann, Carla María Penz and Philip James DeVries**  
2015. Cruising the rain forest floor: butterfly wing shape evolution and gliding in ground effect. *Journal of Animal Ecology* 84(3): 808-816, 4 figs., 4 tabs. (May; published online 5 December 2014) [general]
- Céspedes, Ariel Ángel, Marcelo Martín Aliaga, Daniela Aguirre, Pedro Castro and José Deyby Montenegro**  
2014. Patrón de distribución y riqueza de especies de las mariposas de la tribu Satyrini (Nymphalidae: Satyrinae) en los bosques nublados de Cochabamba (Bolivia). *Acta nova* (Cochabamba) 6(3): 225-250, 7 figs. (March) [general]
- Céspedes, Ariel Ángel, Alfredo Vidales, Irma Melenedres, Alejandra María Puma and Martha Churqui**  
2015. Restauración de mariposas (Lepidoptera) de la colección de la familia Steinbach (1900-1970). *Agro-ecológica* 2(2): 126-134, 1 fig., 3 tabs. (December) [general; Bolivia, Peru]
- Céspedes, Juan Carlos**  
2012. See Villalobos, A. et al., 2012.
- Cestari, Antonio Netto**  
1960. Variações cromáticas do ♂ de *Papilio torquatus polybius* Swainson, 1823, com a descrição de um exemplar aberrante (Lepidoptera - Papilionidae). *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 14(18): 157-171, 27 figs. (5 September) [Brazil]  
1997. See Kubrusly, F. S. et al., 1997.
- Cevallos, Miguel A.**  
1945. Importancia de los insectos en el convivir humano. *Boletín del Instituto botánico de la Universidad central* (Quito) 5: 143-154 (June) [general; Ecuador]  
1955. See Yust, H. R. & M. A. Cevallos, 1955.
- Cevallos, Varsovia**  
1998. See Onore, G. & V. Cevallos, 1998.
- Chablé-luit, Landy Rubí**  
2018. See Cavanzón, L. E. et al., 2018.
- Chacín, María Esperanza**  
2003. See De Marmels, J. et al., 2003.
- Chacón, Andrés E.**  
2013. See Orellana, A. M. et al., 2013.
- Chacón, Eduardo**  
2010. See Hanson, P. E. et al., 2010.
- Chacón, Isidro Adolfo [1956- ]**  
1982. See DeVries, P. J. & I. A. Chacón, 1982.  
1984. See Corea, E. & I. A. Chacón, 1984.  
1988a. Historia natural de *Papilio cleotas archytas* (Lepidoptera, Papilionidae) en Costa Rica. *Brenesia* (San José) 25/26: 215-220, 2 figs. (February) [host plants; larva, pupa, imago]  
1988b. *Lista de mariposas diurnas (Rhopalocera) del Refugio Nacional de Fauna Silvestre 'Tapantí'*, pp. 71-73. In: Meza, T.A. (Ed.), *Áreas silvestres de Costa Rica*. San José, Editorial Alma Mater. [general; Costa Rica]  
1991a. *Eurytides belesis* (Papilionidae): Una mariposa nueva para Costa Rica. *Brenesia* (San José) 33: 131-133, 1 fig. (January)  
1991b. *Eunica alpais* (Nymphalidae) una especie nueva para la fauna de mariposas diurnas de Costa Rica. *Brenesia* (San José) 34: 161-162, 1 fig. (December)  
1991. Los "espejitos". *Contribuciones del Departamento de Historia natural. Museo nacional de Costa Rica* 6: 1-15, 2 figs. [Ithomiinae; Costa Rica]  
[1992]. Historia natural de *Papilio birchalli godmani* (Papilionidae)

- en la zona norte y caribe de Costa Rica. *Brenesia* (San José) 35: 105-111, 1 fig. ("March 1991", [1992])
1993. Historia natural de *Morpho theseus aquarius* Butler (Lepidoptera: Nymphalidae: Morphinae) en Costa Rica. *Brenesia* (San José) 39/40: 185-187, 2 figs. (after 29 September) [larva, pupa; host plant]
1994. See DeVries, P. J. et al., 1994.
2009. See Janzen, D. H. et al., 2009.
2012. See DeVries, P. J. et al., 2012.
2014. See Grøtan, V. et al., 2014.
2019. See Dias, F. M. S. et al., 2019a.
- Chacón, Isidro Adolfo, Philip James DeVries and Carla Maria Penz**
2018. Description of a new subspecies of *Cunizza hirlanda* (Pieridae: Anthocharidini) from Costa Rica. *Journal of the Lepidopterists' Society* 72(2): 121-126, 4 figs. (11 June) [*C. h. tirimbina*]
- Chacón, Isidro Adolfo, and José Joaquín Montero**
2007. *Mariposas de Costa Rica. Butterflies and moths of Costa Rica*. Santo Domingo de Heredia, Instituto Nacional de Biodiversidad. 366 pp., 257 pls., figs. [general]
- Chacón, Isidro Adolfo, José Joaquín Montero, Daniel Hunt Janzen, Winifred D. Hallwachs, Patrick Blandin, Clement Roger Bristow and Mehrdad Hajibabaei**
2012. A new species of *Opsiphanes* Doubleday, [1849] from Costa Rica (Nymphalidae: Morphinae: Brassolini), as revealed by its DNA barcodes and habitus. *Bulletin of the Allyn Museum* 166: 1-15, 28 figs. (5 November) [*O. jacobsorum*; larva, pupa, imago; host plants]
- Chacón, Isidro Adolfo, and Kenji Nishida**
2002. A new species of *Cyllopsis* (Lepidoptera: Nymphalidae: Satyrinae) from Costa Rica. *Revista de Biología tropical* 50(2): 679-683, 2 figs. (August) [*C. emilia*]
- Chacón, Patricia**
1997. See Prieto, A. V. et al., 1997.
1999. See Prieto, A. V. et al., 1999.
2007. See Ramírez, L. et al., 2007.
2009. See Millán, C. et al., 2009.
2010. See Millán, C. et al., 2010.
- Chacón, Patricia, and A. Marta Rojas**
1984. Entomofauna asociada a *Passiflora mollisima*, *P. edulis* f. *flavicarpa* y *P. quadrangularis* en el Departamento del Valle del Cauca. *Turrialba* 34(3): 297-311, 4 figs., 2 tabs. (July-September) [*Dione juno* (Cramer), *Agraulis vanillae forbesi* Michener, *Heliconius (Eueides) isabella* (Cramer); host plants; Colombia]
- Chacón, Santiago**
2015. See MacGregor, I. et al., 2015.
- Chadee, Dave D.**
1998. Observations on the migratory patterns of the butterfly *Phoebis statira* (Cram) in north and south Trinidad. *Living World* 1997-1998: 31-32, 1 fig. (March) [behavior]
- Chadwick, Leigh Edward** [1904-1975]
1936. On the occurrence of a costal vein in the genus *Archonias* Hbn. (Lepidoptera: Pieridae). *Canadian Entomologist* 68(7): 143-144, 3 figs. (1 August) [general]
- Chai, Peng**
1986. Field observations and feeding experiments on the responses of rufous-tailed jacamars (*Galbula ruficauda*) to free-flying butterflies in a tropical rainforest. *Biological Journal of the Linnean Society* 29(3): 161-189, 3 figs., 8 tabs. ([18] November) [general; Costa Rica]
1988. Wing coloration of free-flying neotropical butterflies as a signal learned by a specialized avian predator. *Biotropica* 20(1): 20-30, 4 figs., 3 tabs. (March) [general; behavior; Costa Rica]
- 1990a. See Srygley, R. B. & P. Chai, 1990a.
- 1990b. *Relationships between visual characteristics of rainforest butterflies and responses of a specialized insectivorous bird*, pp. 31-60, 11 figs., 2 tabs. In: Wicksten, M. (Ed.), *Adaptive coloration in invertebrates*. College Station, Texas A & M University Sea Grant College (June) [general; predator; Costa Rica]
- 1990c. See Srygley, R. B. & P. Chai, 1990b.
1991. See Marden, J. H. & P. Chai, 1991.
1996. Butterfly visual characteristics and ontogeny of responses to butterflies by a specialized tropical bird. *Biological Journal of the Linnean Society* 59(1): 37-67, 14 figs., 2 tabs. ([18] September) [general; predator; Costa Rica]
- Chai, Peng, and Robert Baxter Srygley**
1990. Predation and the flight, morphology, and temperature of Neotropical rain-forest butterflies. *American Naturalist* 135(6): 748-765, 6 figs., 3 tabs. (June) [general; Costa Rica]
- Chainey, John E.**
2005. The species of Papilionidae and Pieridae (Lepidoptera) described by Cramer and Stoll and their putative type material in the Natural History Museum in London. *Zoological Journal of the Linnean Society* 145(3): 283-337, 43 figs. (November) [general]
- Chairez, Isaías**
2013. See González, M. P. et al., 2013.
- Chalá, Darwin**
2018. See Brien, M. N. et al., 2018.
- Chalfoun, Sara Maria, and Getúlio Augusto Pinto da Cunha**
1984. Relação entre a incidência da broca-do-fruto e a fusariose do abacaxi. *Pesquisa agropecuária brasileira* 19(4): 423-426, 2 figs., 4 tabs. (April) [*Thecla basilides* (Geyer); host plant; Brazil]
- Challis, Richard**
2019. See Edelman, N. B. et al., 2019.
- Chalup, Adriana**
2004. See Pastrana, J. A. et al., 2004.
2016. See Zapata, A. I. & A. Chalup, 2016.
- Cham, Alhagie K., Gregorio Luna-Esquivel, Agustín Robles-Bermúdez, Claudio Rios-Velasco, Juana María Coronado-Blanco and Octavio Jhonathan Cambero-Campos**
2019. Insects associated with the soursop (*Annona muricata* L.) crop in Nayarit, Mexico. *Southwestern Entomologist* 102(2): 359-365, 4 tabs. (June; published online 14 June) [*Oenomaus ortygnus* (Cramer); host plant]
- Chamberlain, Nicola L.**
2006. See Joron, M. et al., 2006b.
- 2008a. See Papa, R. et al., 2008a.
- 2008b. See Baxter, S. W. et al., 2008.
2009. See Baxter, S. W. et al., 2009b.
- 2010a. See Baxter, S. W. et al., 2010.
- 2010b. See Ferguson, L. et al., 2010.
- 2011a. See Reed, R. D. et al., 2011.
- 2011b. See Joron, M. et al., 2011.
2012. See Dasmahapatra, K. K. et al., 2012.
2014. See Gallant, J. R. et al., 2014.
2015. See Pierce, A. A. et al., 2015.
2018. See Westerman, E. L. et al., 2018.
- Chamberlain, Nicola L., Ryan I. Hill, Simon Wade Baxter, Christopher David Jiggins and Marcus R. Kronforst**
2011. Comparative population genetics of a mimicry locus among hybridizing *Heliconius* butterfly species. *Heredity* 107(3): 200-204, 2 figs. (September; published online 9 February) [general; Costa Rica]
- Chamberlain, Nicola L., Ryan I. Hill, Durrell D. Kapan, Lawrence Edmund Gilbert and Marcus R. Kronforst**
2009. Polymorphic butterfly reveals the missing link in ecological



- speciation. *Science* 326(5954): 847-850, 3 figs. (6 November) [*Heliconius*; Costa Rica, Ecuador]
- Chamizo, Ada**  
2008. See Hidalgo, M. M. et al., 2008.
- Chamorro, Susana**  
2013. See Traveset, A. et al., 2013.
- Champion, George Charles** [1851-1927]  
1881. Notes from Guatemala. *Entomologist's monthly Magazine* 17(201): 212-213 (February) [general]  
1882. More tropical notes. *Entomologist's monthly Magazine* 18(213): 214 (February) [general; Central America]  
1883. Further tropical notes. *Entomologist's monthly Magazine* 19(226): 226-229 (March) [general; Guatemala]  
1884. Tropical collecting. *Entomologist's monthly Magazine* 20(236): 172-175 (January), (237): 199-205 (February), (239): 248-250 (April) [general; Guatemala, Colombia]  
1924. The insects of the Galapagos Islands. *Entomologist's monthly Magazine* 60(726): 259-260 (November) [general]
- Chang, Belinda S. W.**  
2001. See Hsu, R. et al., 2001.
- Chanotis, Byron N.**  
1984. See Méndez, E. & B. N. Chanotis, 1984.
- Chao, Anne**  
2010. See Jost, L. et al., 2010.
- Chapela, Gonzalo, and David Barkin**  
1995. *Monarcas y campesinos. Estrategia de desarrollo sostenible en el oriente de Michoacán*. México, Centro de Ecología y Desarrollo. 224 pp., 12 figs., 24 tabs., 1 map (15 May) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Chaplin, George**  
2017. See Cuthill, I. C. et al., 2017.
- Chapman, Eric G.**  
2015a. See Sharkey, M. J. & E. G. Chapman, 2015.  
2015b. See Sharkey, M. J. et al., 2015.
- Chapman, Thomas Algernon** [1842-1921]  
1895. Notes on butterfly pupae, with some remarks on the phylogenesis of the Rhopalocera. *Entomologist's Record and Journal of Variation* 6(5): 101-107 (15 March), (6): 125-131, pl. 2 (1 April), (7): 147-152 (15 April) [also in *Transactions of the City of London entomological and natural History Society* 1894: 75-91, pl. 2 (1895)] [general]  
1899. A classification of butterflies by their antennae. *Entomologist's Record and Journal of Variation* 11(4): 85-89 (15 April), (5): 122-129 (15 May) [general]  
1908. On the egg and first-stage larva of *Papilio homerus*, Fabr. *Entomologist* 41(540): 97-101, pls. 3-5 (May) [Jamaica]  
1912. See Druce, H. H. C. J. et al., 1912.
- Charest, Sonya**  
2015. See Young-Isebrand, E. et al., 2015.
- Charles, Elroy**  
2000. See Basset, Y. & E. Charles, 2000.  
2005. See Basset, Y. et al., 2005.
- Charleston, Michael**  
2012. See Cuthill, J. F. H. & M. Charleston, 2012.  
2015. See Cuthill, J. F. H. & M. Charleston, 2015.
- Charron, Eric**  
2003. See Berthier, S. et al., 2003.  
2006. See Berthier, S. et al., 2006.
- Charudattan, R.**  
1996. See Medal, J. C. et al., 1996.
- Chatenet, Gaëtan du**  
1988. *Introduction*, pp. [17]-[20], 11 figs. In: Rösler von Rosenhof, A. J., *Les insectes*. Paris, Editions Citadelles. [496] pp., 288 + 2 pls., figs. (15 September) [general; history]
- Chaud-Netto, José**  
1993. See Bonfanti-Almeida, J. C. et al., 1993.
2003. See Scaglia, M. et al., 2003.
- Chauhan, Ritika**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Chauhan, Ritika, Robert T. Jones, Paul A. Wilkinson, Yannick Pauchet and Richard H. ffrench-Constant**  
2013. Cytochrome P450-encoding genes from the *Heliconius* genome as candidates for cyanogenesis. *Insect molecular Biology* 22(5): 532-540, 5 figs., 3 tabs. (October; published online 3 July) [*H. melpomene* (Linnaeus); host plant]
- Chavannes, Jacques Auguste** [1810-1879]  
1849. [A note]. *Bulletins des Séances de la Société vaudoise des Sciences naturelles* 3(20): 5-6. [*Papilio* spp.; Brazil]  
1850. [A note]. *Bulletins des Séances de la Société vaudoise des Sciences naturelles* 3(21): 37-39. [general; new species: *Terias flavescens*, *T. pallida*; Brazil]
- Chaverri, Lucía**  
1997. See Corrales, J. F. & L. Chaverri, 1997.
- Chaves, Crisanta** [1900-1981]  
2016. Dioclesiano Chaves y la historia del Museo Nacional. *Temas nicaragüenses* 101: 7-25 (September) [general; Nicaragua]
- Chaves, Diocleciano** [1844-1936]  
1901. *Apuntes de Historia Natural*. Managua, Tipografía Nacional. 52 pp. [general; Nicaragua]
- Chaves, Gabriela Wiedemann, Claudio Eduardo Germano Patto and Woodruff Whitman Benson**  
2006. Complex non-aerial contests in the lekking butterfly *Charis cadytis* (Riodinidae). *Journal of Insect Behavior* 19(2): 179-196, 4 figs. (March; published online 20 June) [Brazil]
- Chaves, Juliana Siqueira**  
2008. See Ambrósio, S. R. et al., 2008.
- Chaves, Lázaro José**  
2009. See Ferreira, G. A. et al., 2009.
- Chávez, León Felipe, Víctor López, Zenón Cano-Santana, Blanca Mejía and Mónica Queijeiro**  
2012. *Estructura de la comunidad de artrópodos asociados a dos especies de muérdago enano* (Arceuthobium spp.) *parásitos de Pinus hartwegii* (Lindl.) en el Parque Nacional "Zoquiapan y anexas", pp. 817-821, 1 fig. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(2). México, Sociedad mexicana de Entomología. [Mitoura; Mexico]
- Chávez-Mora, Cristina Alejandra**  
2017. See Pfeiler, E. J. et al., 2017.
- Chazal, Colette**  
2008. See Lever, Y. et al., 2008.  
2011. See Lever, Y. et al., 2011.
- Cházaro-Basáñez, Miguel de Jesús**  
2017. See García-Mendoza, A. J. et al., 2017.
- Chazot, Nicolas**  
2017a. See Silva, D. L. de et al., 2017.  
2017b. See Aubier, T. G. et al., 2017.  
2018a. See Debat, V. et al., 2018.  
2018b. See Rota, J. et al., 2018.
- Chazot, Nicolas, Stephen Panara, Nicolas Zilbermann, Patrick Blandin, Yann Le Poul, Raphaël Cornette, Marianne Elias and Vincent Debat**  
2016a. Morpho morphometrics: Shared ancestry and selection drive the evolution of wing size and shape in *Morpho* butterflies. *Evolution* 70(1): 181-194, 3 figs., 4 tabs. (January; published online 7 January) [general]
- Chazot, Nicolas, Donna Lisa de Silva, Keith Richard Willmott, André Victor Lucci Freitas, Gerardo Lamas, James Louis Borlase Mallet, Carlos Eduardo Giraldo, Sandra Inés Uribe and Marianne Elias**  
2018. Contrasting patterns of Andean diversification among three diverse clades of Neotropical clearwing butterflies. *Ecology*

- and Evolution* 8(8): 3965-3982, 5 figs., 4 tabs. (April; published online 25 March) [Ithomiini]
- Chazot, Nicolas, Keith Richard Willmott, Fabien L. Condamine, Donna Lisa de Silva, André Victor Lucci Freitas, Gerardo Lamas, Hélène Morlon, Carlos Eduardo Giraldo, Christopher David Jiggins, Mathieu Joron, James Louis Borlase Mallet, Sandra Inés Uribe and Marianne Elias**
- 2016c. Into the Andes: multiple independent colonizations drive montane diversity in the Neotropical clearwing butterflies Godyridina. *Molecular Ecology* 25(22): 5765-5784, 3 figs., 2 tabs. (November; published online 8 October) [general]
- Chazot, Nicolas, Keith Richard Willmott, André Victor Lucci Freitas, Donna Lisa de Silva, Roseli Pellens and Marianne Elias**
- 2016b. *Patterns of species, phylogenetic, and mimicry diversity of clearwing butterflies in the Neotropics*, pp. 333-354, 3 figs., 1 tab. In: Pellens, R. & P. Grandcolas (Eds.), *Biodiversity conservation and phylogenetic systematics. Preserving our evolutionary heritage in an extinction crisis*. Berlin, Springer (March) [general; Ithomiini]
- Chazot, Nicolas, Keith Richard Willmott, Gerardo Lamas, André Victor Lucci Freitas, Florence Piron-Prunier, Carlos Francisco Arias, James Louis Borlase Mallet, Donna Lisa de Silva and Marianne Elias**
- 2019a. Renewed diversification following Miocene landscape turnover in a Neotropical butterfly radiation. *Global Ecology and Biogeography* 28(8): 1118-1132, 3 figs., 2 tabs. (August; published online 10 May) [general; Ithomiini]
- Chazot, Nicolas, Niklas Wahlberg, André Victor Lucci Freitas, Charles Mitter, Conrad Christopher Labandeira, Jae-Cheon Sohn, Ranjit Kumar Sahoo, Noemy Seraphim, Rienk de Jong and Maria Heikkilä**
- 2019b. Priors and posteriors in Bayesian timing of divergence analyses: The age of butterflies revisited. *Systematic Biology* 68(5): 797-813, 5 figs., 3 tabs. (September; published online 25 February) [general]
- Chazot, Nicolas, Keith Richard Willmott, Paola Giovanna Santacruz, Alexandre Toporov, Ryan I. Hill, Christopher David Jiggins and Marianne Elias**
2014. Mutualistic mimicry and filtering by altitude shape the structure of Andean butterfly communities. *American Naturalist* 183(1): 26-39, 6 figs., 2 tabs. (January; published online 25 November 2013) [general; Ecuador]
- Cheaney, Robert L., and Peter R. Jennings**
1975. *Problemas en cultivos de arroz en América Latina*. Cali, Centro Internacional de Agricultura Tropical (CIAT). vii + 93 pp., 105 figs. (October) [*Panoquina* sp.: larva, imago]
- Checa, María Fernanda** [1980- ]
- [2004]. El mundo de las mariposas del Yasuní. *Desafío* (Quito) 4(8): 24-27, figs. [general; Ecuador]
2008. *Mariposas de Canandé, sus amenazas, potencial y futuro*. Quito, Trama Ediciones. 72 pp., figs. (December) [general; Ecuador]
- Checa, María Fernanda, Álvaro Rodrigo Barragán, Joana Rodríguez and Mary Christman**
2009. Temporal abundance patterns of butterfly communities (Lepidoptera: Nymphalidae) in the Ecuadorian Amazonia and their relationship with climate. *Annales de la Société entomologique de France* (N.S.) 45(4): 470-486, 5 figs., 3 tabs. (24 December) [general]
- Checa, María Fernanda, Jacqueline Rodríguez, Keith Richard Willmott and Belén Liger**
2014. Microclimate variability significantly affects the composition, abundance and phenology of butterfly communities in a highly threatened Neotropical dry forest. *Florida Entomologist* 97(1): 1-13, 5 figs., 2 tabs. (March) [general; Ecuador]
- Checa, María Fernanda, and Karina P. Torres**
2019. Notes on the natural history of six nymphalid butterfly species from an Ecuadorian dry forest. *Tropical Lepidoptera Research* 29(1): 56-61, 6 figs. (June; published online 8 May) [general; host plants]
- Checa, María Fernanda, N. Velasco and Hugo Fernando Mogollón**
2010. New distributional records of nymphalid species (Lepidoptera: Nymphalidae) for the Chocó region and Western Ecuador. *Tropical Lepidoptera Research* 20(1): 14-18, 10 figs. (1 June) [general]
- Chehrezad, Darya**
2005. See Dyer, L. A. et al., 2005.
- Chen, Chen, Yi Qiang, Xiao-Yi Peng, Zeng-Qiang Qian and Zhe-Zhi Wang**
2016. The complete mitochondrial genome of the sara longwing *Heliconius sara* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA (A)* 27(5): 3167-3168, 1 tab. (published online 24 February 2015)
- Chen, I-Ching**
2011. See Laurance, W. F. et al., 2011.
- Chen, Na**
2007. See Su, C.-Y. et al., 2007.
- Chen, Na, Guo-Ping Zhu, Jia-Sheng Hao, Xiao-Ping Zhang, Cheng-Yong Su, Hong-Chun Pan and Dong-Xia Wu**
2007. Molecular phylogenetic analysis of the main lineages of Nymphalidae (Lepidoptera, Rhopalocera) based on mitochondrial 16S rDNA sequences. *Acta zoologica sinica* 53(1): 106-115, 3 figs., 2 tabs. (February) [general]
- Chen, Qiao-Xian**
2002. See Li, L.-Y. et al., 2002.
- Chen, Rui**
2008. See Papa, R. et al., 2008a.
2010. See Counterman, B. A. et al., 2010.
2011. See Reed, R. D. et al., 2011.
- Chen, Xiaoqin**
2016. See Meng, Z. et al., 2016.
- Cheong, Seon Woo, and Cheng Eon Lee**
1992. Comparative morphology and systematics on the female internal genitalia of the Pieridae (Lepidoptera). II. Genus *Pieris* and other genera of Pierinae. *Metamorphosis* 3(4): 139-147, 3 figs. (December) [general]
- Chermock, Ralph Lucien** [1918-1977]
- 1947a. A new subspecies of *Limenitis archippus* (Lepidoptera, Nymphalidae). *American Museum Novitates* 1365: 1-2 (7 November) [*L. a. hoffmanni*; Mexico]
- 1947b. A revisional study of the *Euptychia pyracmon* group. *Entomological News* 58(8): 193-204, 12 figs. (17 November) [general; new species: *Euptychia (Cyllopsis) nayarit*, *E. (C.) pseudopephredo*; Mexico, Central America]
1949. Two new satyrids from North America. *Canadian Entomologist* 80(1/12): 172-173 (9 June) [*Minois meadi mexicana*; Mexico]
1950. A generic revision of the Limenitini of the world. *American Midland Naturalist* 43(3): 513-569, 68 figs., 4 tabs. (22 June) [general; morphology; phylogeny; Neotropics]
- Cherny, Diego**
1988. See Rozenberg, L. et al., 1988.
- Cheroske, Alexander G.**
2003. See Cronin, T. W. et al., 2003.
- Chester, Sharon**
2008. *A wildlife guide to Chile. Continental Chile, Chilean Antarctica, Easter Island, Juan Fernández Archipelago*. Princeton, Princeton University Press. viii + 392 pp., figs. [general]
- Cheung, H. T. Andrew**

1986. See Seiber, J. N. et al., 1986.
- Chevallier, A.**  
1866. [A note]. *Comptes Rendus hebdomadaires des Séances de l'Académie des Sciences* (Paris) 62(11): 651. [*Eucheira socialis* Westwood; Mexico]
- Cheverton, Mark R.**  
1979. See Thomas, C. D. & M. R. Cheverton, 1979.  
1983. See Thomas, C. D. & M. R. Cheverton, 1983.
- Cheverton, Mark R., and Christian David Thomas**  
1982. *Cambridge Butterfly Expedition to Central America. Panama 1979. Final Report.* Cambridge, Authors. [2] + 105 pp., figs., tabs., graphs [general; ecology; biogeography; behavior]  
1985. Land use and conservation in Panama: a study of butterfly density and species diversity. *Proceedings of the 3rd Congress of European Lepidopterology* (Cambridge), pp. 30-46, 6 figs. [general]
- Chew, Frances Sze-Ling** [1948- ]  
1994. See Renwick, J. A. A. & F. S. Chew, 1994.
- Chew, Frances Sze-Ling, and Robert Kanner Robbins**  
1984. *Egg-laying in butterflies*, pp. 65-79, 1 fig. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
- Chew, Frances Sze-Ling, and Ward B. Watt**  
2006. The green-veined white (*Pieris napi* L.), its pierine relatives, and the systematic dilemmas of divergent character sets (Lepidoptera, Pieridae). *Biological Journal of the Linnean Society* 88(3): 413-435, 3 figs., 6 tabs. (July; published online 15 June) [general; Costa Rica]
- Chi, Jean**  
2012. See Davis, A. K. et al., 2012.
- Chia, Audrey**  
2014. See Merrill, R. M. et al., 2014.
- Chiao, Chuan-Chin**  
2010a. See Briscoe, A. D. et al., 2010a.  
2010b. See Briscoe, A. D. et al., 2010b.
- Chiappa, Elizabeth**  
1993. See Toro, H. et al., 1993.
- Chiappa, Elizabeth, and Macarena Rojas**  
1991. Observaciones en la nidificación de *Pachodynerus peruvensis* (Saussure) (Hymenoptera: Vespidae: Eumeninae). *Revista chilena de Entomología* 19: 45-50, 5 figs., 2 tabs. (December) [*Leptotes trigemmatum* (Butler); predator; Chile]
- Chiba, Hideyuki**  
1996. Wing pattern of butterflies: evolution or emergence? *The Nature & Insects* 31(1): 9-13, 3 figs. (January) [In Japanese] [general]  
2018. See Han, Y. et al., 2018.  
2019. See Wu, L.-W. et al., 2019.
- Chiba, Hideyuki, and Hiroshi Tsukiyama**  
1996. A review of the genus *Ochlodes* Scudder, 1872, with special reference to the Eurasian species (Lepidoptera: Hesperidae). *Butterflies* (Tokyo) 14: 3-16, 4 pls., 3 figs. (15 August) [general]
- Chicaiza, Carina**  
2009. See Greeney, H. F. & C. Chicaiza, 2009.
- Chichvarkhin, Anton**  
2009. See Leneveu, J. et al., 2009.
- Chiesa, Oreste** [? -1964]  
1943. Breves consideraciones sobre la lucha biológica. *Pampa argentina* 17(185): 8, 22, 5 figs. (January) [*Papilio*; host plant; parasitoid; Argentina]  
1948a. *Las plagas de la agricultura. Manual práctico de procedimientos para combatirlas.* Buenos Aires, El Ateneo. xii + 497 pp., 486 figs. (12 January) [general; host plants; larvae, pupae, imagines; parasitoids; Argentina]
- 1948b. *Las plagas de la huerta y el jardín y modo de combatirlas.* Buenos Aires, Editorial Bell. 205 pp., 100 figs. (22 June) [general; Argentina]  
1951. Ensayo de control contra la isoca de la alfalfa (*Colias lesbia* F.). *Idia* (Buenos Aires) 4(48): 13-14 (December) [Argentina]  
1968. Investigaciones sobre biología de *Colias lesbia* Fab. y su control. Primera contribución. *Información técnica. Estación experimental agropecuaria* (Manfredi, Córdoba) 12: [iii] + 16 + [1] pp. (March) [Argentina]
- Chifman, Julia**  
2019. See Kubotka, L. S. & J. Chifman, 2019.
- Children, John George** [1777-1852]  
1830. Sketch of the Systema Glossatorum of Fabricius, vol. 1. From Illiger's Magazin für Insektenkunde, vi. p. 277. *Philosophical Magazine* 7(38): 118-124 (February) [general]
- Chinchilla, Carlos Manuel**  
1991. See Mexzón, R. G. & C. M. Chinchilla, 1991.  
1993. See Rhainds, M. et al., 1993.  
1996. See Mexzón, R. G. & C. M. Chinchilla, 1996.  
2000. See Loria, R. et al., 2000.  
2003. Manejo integrado de problemas fitosanitarios en palma aceitera *Elaeis guineensis* en América Central. *Manejo integrado de Plagas y Agroecología* 67: 69-82, 6 figs. [*Opsiphanes cassina* C. Felder & R. Felder; host plant; parasitoids; predators]
- Chiou, Tsyr-Huei**  
2003. See Cronin, T. W. et al., 2003.  
2007. See Douglas, J. M. et al., 2007.
- Chittenden, Frank Hurlbut** [1858-1929]  
1912. The larger Canna leaf-roller (*Calpodus ethlius* Cram.). *Circular. Bureau of Entomology. United States Department of Agriculture* 145: 1-10, 8 figs. (21 March) [life history]
- Chittka, Lars**  
2001. See Briscoe, A. D. & L. Chittka, 2001.
- Chiva, Enrique Querol**  
2011. See Rosa, P.L. P. da et al., 2011.
- Cho, Soowon**  
2009. See Regier, J. C. et al., 2009.  
2013. See Regier, J. C. et al., 2013.
- Choairy, Salim Abreu**  
1985. See Sanches, N. F. et al., 1985.
- Choairy, Salim Abreu, and Pedro Dantas Fernandes**  
1983. Densidades de plantio na cultura do abacaxi. *Pesquisa agropecuária brasileira* 18(9): 985-988, 3 tabs. (September) [*Thecla basilides* (Geyer); host plant; Brazil]
- Choairy, Salim Abreu, Elson Soares dos Santos and Nilton Fritzens Sanches**  
1984. Incidência de broca e fusariose em fruto de abacaxizeiro. *Agropecuária técnica* (Aréia, Paraíba) 5(1/2): 1-7, 1 fig., 2 tabs. [*Thecla basilides* (Geyer); host plant; Brazil]
- Choimet, Xavier**  
2003. Le polymorphisme chromatique chez les *Agrias*. *Revue de l'Association roussillonnaise d'Entomologie* 12 (supplement): [i] + 40 pp., figs. [general; Neotropics]  
2006a. Confirmation de la présence du genre *Narope* en Guyane. *Bulletin des Lépidoptéristes parisiens* 14(32): 99-100, 2 figs. (April) [*N. cyllastros* Doubleday; French Guiana]  
2006b. See Carsus, J.-N. & X. Choimet, 2006.  
2008a. Nouvelle observation de *Memphis dia dia* Godman & Salvin, 1884 au Costa-Rica (Novembre 2006) (Lepidoptera, Nymphalidae). *Lépidoptères* (Paris) 17(39): 42-43, 2 figs. (March)  
2008b. Le genre Prepona Boisduval, 1836 (Lepidoptera: Nymphalidae, Charaxinae), pp. 14-19, figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 3*.

- Rhopalocères* 2. Paris, Association des Lépidoptéristes de France (September) [general]
- 2008c. See Carsus, J.-N. & X. Choimet, 2008.
- 2008d. *Les Agrias de Guyane (Lepidoptera: Nymphalidae, Charaxinae)*, pp. 23-26, figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 3. Rhopalocères* 2. Paris, Association des Lépidoptéristes de France (September) [general]
2009. Nouveaux Charaxinae néotropicaux (Lepidoptera: Nymphalidae). *Lépidoptères* (Paris) 18(44): 126-129, 7 figs. (December) [new species: *Memphis marylena*, *Zaretis delassisei*; Costa Rica, Ecuador]
2010. Description de la femelle de *Memphis marylena* Choimet, 2009 du Costa Rica (Lepidoptera: Nymphalidae). *Lépidoptères* (Paris) 19(47): 98-99, 1 fig. (December)
2011. Un nouvel *Euselasia* du Costa-Rica: *Euselasia gloori* nova sp. (Lepidoptera: Riodinidae). *Lépidoptères* (Paris) 20(50): 140-141, 5 figs. (December)
2012. Un mâle aberrant de *Doxocopa thoe* Godart, 1823 [sic] en République dominicaine (Lepidoptera: Nymphalidae: Apaturinae). *Lépidoptères* (Paris) 21(52): 52-53, 4 figs. (September)
- Chou, Io** [ -2008]
1990. See Shou, J. & I. Chou, 1990.
2006. See Shou, J. et al., 2006.
- Chouène, Eugene Cardoso**
1997. See Lorenzato, D. et al., 1997.
- Choussy, Michèle** [1945- ]
1970. See Vuillaume, M. et al., 1970.
1981. See Allyn, A. C., Jr. et al., 1981.
- Choussy, Michèle, and Michel Barbier**
- [1974]. Pigments biliaires des lépidoptères: identification de la Phorcabiline I et de la Sarpédobiline chez diverses espèces. *Biochemical Systematics* 1(4): 199-201, 3 tabs. ("1973", [28 February 1974]) [*Nessaea obrinus* (Linnaeus); biochemistry]
- Chouteau, Mathieu**
- 2014a. See McClure, M. et al., 2014.
- 2014b. See Le Poul, Y. et al., 2014.
- 2016a. See Davey, J. W. et al., 2016.
- 2016b. See Arias, M. M. et al., 2016a.
- 2016c. See Prunier, F. P. et al., 2016.
- 2019a. See Saenko, S. V. et al., 2019.
- 2019b. See Edelman, N. B. et al., 2019.
- Chouteau, Mathieu, María Mónica Arias and Mathieu Joron**
2016. Warning signals are under positive frequency-dependent selection in nature. *Proceedings of the national Academy of Sciences of the United States of America* 113(8): 2164-2169, 2 figs. (23 February) [*Heliconius*, *Melinaea*; Peru]
- Chouteau, Mathieu, Jules Dezeure, Thomas N. Sherratt, Violaine Llaurens and Mathieu Joron**
2019. Similar predator aversion for natural prey with diverse toxicity levels. *Animal Behaviour* 153: 49-59, 3 figs., 2 tabs. (July; published online 4 June) [general; mimicry; Peru]
- Chouteau, Mathieu, Violaine Llaurens, Florence Piron-Prunier and Mathieu Joron**
2017. Polymorphism at a mimicry supergene maintained by opposing frequency-dependent selection pressures. *Proceedings of the national Academy of Sciences of the United States of America* 114(31): 8325-8329, 3 figs. (1 August; published online 3 July) [*Heliconius numata* (Cramer); Peru]
- Chouteau, Mathieu, Annabel C. Whibley, Bernard Angers and Mathieu Joron**
2015. Development of microsatellite loci from a reference genome for the Neotropical butterfly *Heliconius numata* and its close relatives. *Entomological Science* 18(2): 283-287, 2 tabs. (April; published online 23 January)
- Christ, Konrad Hermann Heinrich** [1833-1933]
- 1895a. Die Papilioniden Nordamerikas in ihren Beziehungen zu denen der alten Welt. *Mitteilungen der schweizerischen entomologischen Gesellschaft* 9(6): 269-287 (October) [general]
- 1895b. Ueberblick der übrigen Tagfalter Nordamerikas in ihren Beziehungen zu denen der alten Welt. *Mitteilungen der schweizerischen entomologischen Gesellschaft* 9(6): 287-298 (October) [general]
- Christenson, LeRoy Dean** [1906-1968]
1932. See Van Dine, D. L. & L. D. Christenson, 1932.
- Christian, John**
1977. See Brower, L. P. et al., 1977.
- Christman, Mary**
2009. See Checa, M. F. et al., 2009.
- Chuah, Hoe H., and David S. Cushing**
1995. *Eurema albula* (Pieridae) and *Anthanassa argentea* (Nymphalidae): New records for the United States (Lepidoptera: Papilionoidea). *Tropical Lepidoptera* 6(1)(1): 43-44, 2 figs. (25 May) [general]
- Chumpitasi, Miguel E.**
1997. Life history of *Heliconius charitonius* (L.) at San Jose, Costa Rica. *News of the Lepidopterists' Society* 39(5): 98 [host plant]
1998. Life history of *Eurytides protesilaus dariensis* (Rothchild [sic] & Jordan 1906). *News of the Lepidopterists' Society* 40(3): 45, 6 figs. (15 June) [host plant; Costa Rica]
1999. Life history of *Opsiphanes cassina fabricii* (Boisduval) in Costa Rica. *News of the Lepidopterists' Society* 41(4): 89, 91, 102, figs. (15 December) [host plant]
2002. Life history of *Siproeta epaphus epaphus* (Latreille). *News of the Lepidopterists' Society* 44(1): 12, 33, 1 fig. (15 April) [host plant; Costa Rica]
- 2003a. *Memphis arginussa eubaena*, Costa Rica. *News of the Lepidopterists' Society* 45(1): 5, 1 fig. (15 April)
- 2003b. Life history of *Priamides anchisiades ideaus*, Fabricius 1793. *News of the Lepidopterists' Society* 45(2): 41, 46, 4 figs. (15 July) [Costa Rica]
- 2003c. *Battus belus varus* (Kollar) in Costa Rica. *News of the Lepidopterists' Society* 45(2): 64, figs. (15 July) [host plant]
2005. A rare beast. *News of the Lepidopterists' Society* 47(1): 5, 1 fig. (1 April) [*Consul panariste jansonii* (Salvin); Costa Rica]
- Chudzinski-Tavassi, Ana Marisa**
2016. See Villas-Boas, I. M. et al., 2016.
- Chung, Jae-Woo**
2007. See Dasmahapatra, K. K. et al., 2007.
- Church, Warren B.**
2001. See Leo, M. et al., 2001.
- Churchyard, T., M. Eaton, J. Hall, J. Millett, A. Farr, R. Cuthbert and C. Stringer**
2014. *The UK's wildlife overseas: a stocktale of nature in our Overseas Territories*. Sandy, Royal Society for the Protection of Birds. 73 pp., figs. [*Yranea cytheris* (Drury); Falkland Islands]
- Churqui, Martha**
2015. See Céspedes, A. Á. et al., 2015.
- Cibrián, David, José Tulio Méndez, Rodolfo Campos, Harry O. Yates III and Jaime E. Flores**
1995. *Insectos forestales de México. Forest Insects of Mexico*. Chapingo, Universidad Autónoma Chapingo. 456 pp., 176 pls., figs., tabs., 1 map (April) [*Eucheira socialis* Westwood, *Pterourus multicaudata* (Kirby), *Papilio cresphontes* Cramer, *Danaus plexippus* (Linnaeus), *Nymphalis antiopa* (Linnaeus), *Thessalia theona* (Ménétriés); host plants; life histories]

- Cicchino, Armando C.**  
2011. See Farina, J. L. & A. C. Cicchino, 2011.
- Cicuzza, Daniele**  
2011. See Laurance, W. F. et al., 2011.
- Cinachi, Joyce Valério**  
2005. See Bolfarini, M. P. et al., 2005.
- Cinachi, Joyce Valério, and Nádia Maria Rodrigues de Campos Velho**  
2008. Levantamento preliminar de espécies de borboletas em duas áreas do Campus Urbanova. *Revista UniVap* 15(27): 18-26, 21 figs. (September) [general; Brazil]
- Cinel, Scott D.**  
2018. See Triant, D. A. et al., 2018.
- Cintra, Fernanda Cristina Franco**  
2016. See Cornelissen, T. G. et al., 2016.
- Cintra, Renato**  
2017. See Pinheiro, C. E. G. & R. Cintra, 2017.
- Cipola, Nikolas Gioia**  
2019. See Graça, M. B. C. S. da et al., 2019.
- Cisalpino, Eduardo Osório**  
1997. See Mielke, O. H. H. et al., 1997.
- Cisneros, Bertha Alicia**  
2015. See Vázquez, J. M. et al., 2015.
- Claassen, Norbert**  
1976. See Bastida, R. et al., 1976.
- Clamens, Anne-Laure**  
2017. See Owens, H. L. et al., 2017.  
2018. See Condamine, F. L. et al., 2018.
- Clark, Austin Hobart** [1880-1954]  
1903. A supposed migration of Pieridae witnessed in northern Venezuela in the summer of 1901. *Canadian Entomologist* 35(8): 219-222 (1 August) [general]  
1904. Notes on the insects of Barbados, St. Vincent, the Grenadines and Grenada. *Psyche* (Cambridge) 11(6): 114-117 (15 December) [also in *West Indian Bulletin* 7(1): 40-43; 1906] [general]  
1905. Notes on the butterflies of Margarita Island, Caracas, and Carupano, Venezuela. *Psyche* (Cambridge) 12(1): 1-12, pl. 1 (15 February) [general; new species: *Amphichlora poseidon*]  
1925a. Animal flight. *The Scientific Monthly* 20(1): 5-26 (January) [*Morpho*]  
1925b. Observations on animal coloration. *The Scientific Monthly* 20(4): 341-344 (April) [general]  
1927a. Geography and zoology. *Annals of the Association of American Geographers* 17(3): 101-145 (September) [general; ecology; zoogeography; mimicry; Neotropics]  
1927b. Fragrant butterflies. *Smithsonian Report* 1926: 421-446, 13 pls. (4 October) [general; Neotropics]  
1935. Arctic butterflies. *Smithsonian Report* 1934: 267-296, 7 pls. [general; Argentina, Chile]  
1936a. Notes on the butterflies of the genus *Enodia* and description of a new fritillary from Peru. *Proceedings of the United States National Museum* 83(2983): 251-259, pl. 22 (11 April) [*Brenthis hana*]  
1936b. The gold-banded skipper (*Rhabdoides cellus*). *Smithsonian miscellaneous Collections* 95(7): 1-50, 8 pls., 8 figs. (6 May) [distribution; behavior; host plants; egg, larva, pupa, imago; parasitoid; Mexico, Guatemala]  
1936c. Who's who among the butterflies. *National Geographic Magazine* 69(5): 679-692, figs. (May) [general; Neotropics]  
1936d. The swallowtail butterflies. *Smithsonian Report* 1935: 383-408, 14 pls. (October) [general; ecology; behavior; host plants; Neotropics]  
1941. Notes on some North and Middle American danaid butterflies. *Proceedings of the United States National Museum* 90(3118): 531-542, pls. 71-74 (4 November) [general; new taxa: *Danaus plexippus tobagi*, *D. p. portoricensis*, *D. candidus*; Neotropics]
1947. The interrelationships of the several groups within the butterfly superfamily Nymphaloidea. *Proceedings of the Entomological Society of Washington* 49(6): 148-149 (June) [general]  
1948. Classification of butterflies, with the allocation of the genera occurring in North America north of Mexico. *Proceedings of the Biological Society of Washington* 61: 77-81 (16 June) [general]  
1952a. The first record of a butterfly migration in America. *Lepidopterists' News* 6(1/3): 42 (8 August) [Cuba]  
1952b. The fauna of America. *Smithsonian Report* 1951: 287-302, 8 pls. (October) [general; Neotropics]
- Clark, Dale**  
2006. Bookmark it: Mariposas mexicanas. *News of the Lepidopterists' Society* 48(1): 27-29, 32, 17 figs. (13 March) [general]
- Clark, David B., and Deborah A. Clark**  
1991. *Herbivores, herbivory, and plant phenology: Patterns and consequences in a tropical rain-forest cycad*, pp. 209-225, 6 figs., 3 tabs. In: Price, P. W., T. W. Lewinsohn, G. W. Fernandes & W. W. Benson (Eds.), *Plant-animal interactions. Evolutionary Ecology in Tropical and Temperate Regions*. New York, John Wiley & Sons, Inc. [*Eumaeus minyas* (Hübner); Costa Rica]
- Clark, David B., Deborah A. Clark and Michael H. Graym**  
1992. Leaf demography of a Neotropical rain forest cycad, *Zamia skinneri* (Zamiaceae). *American Journal of Botany* 79(1): 28-33, 3 figs., 3 tabs. (January) [*Eumaeus minyas* (Hübner); host plant; Costa Rica]
- Clark, Deborah A.**  
1991. See Clark, D. B. & D. A. Clark, 1991.  
1992. See Clark, D. B. et al., 1992.
- Clark, Edgard William, and Norivaldo dos Anjos**  
1977. A ocorrência, em Minas Gerais, de *Xanthozona melanopyga* Wied, 1830 (Diptera: Tachinidae), um parasito de lagarta-das-palmeiras *Brassolis* spp. (Lepidoptera: Brassolidae). *Revista Árvore* 1(2): 176-177 (after 31 October) [host plant; Brazil]
- Clark, Hamlet** [1823-1867]  
1857. [A letter]. *Zoologist* 15: 5561-5565. [general; Brazil]  
1867. *Letters home from Spain, Algeria, and Brazil, during past entomological rambles*. London, John Van Voorst. iv + 178 pp., frontisp., pls. [general]
- Clark, Nathan L.**  
2018. See Nallu, S. et al., 2018.  
2019. See Hill, J. A. et al., 2019.
- Clark, Richard**  
2010a. See Baxter, S. W. et al., 2010.  
2010b. See Ferguson, L. et al., 2010.  
2011. See Joron, M. et al., 2011.
- Clarke, Anthony R.**  
2002. See Zalucki, M. P. et al., 2002.  
2004. See Zalucki, M. P. & A. R. Clarke, 2004.
- Clarke, Cyril Astley** [1907-2000]  
1991. The Clarke/Sheppard/Turner genetic collection of butterflies of the Natural History Museum, London. *Journal of the Lepidopterists' Society* 45(3): 222-225 (5 December) [general]  
1995. *Selected topics in swallowtail genetics*, pp. 175-182, 6 figs., 1 tab. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- Clarke, Cyril Astley, and Miriam Louisa Rothschild**  
1980. A new mutant of *Danaus plexippus* ssp. *erippus* (Cramer).

- Journal of the Lepidopterists' Society* 34(2): 224-229, 10 figs., 3 tabs. (23 September) [Argentina]
- Clarke, Jameson W.**  
 2017. *Evolutionary trends in phenotypic elements of seasonal forms of the tribe Junoniini (Lepidoptera: Nymphalidae)*, pp. 239-253, 8 figs. In: Sekimura, T. & H. F. Nijhout (Eds.), *Diversity and evolution of butterfly wing patterns. An integrative approach*. Singapore, Springer Nature. (published online 30 August) [general]
- Clarke, John Frederick Gates** [1905-1990]  
 1951. See Field, W. D. et al., 1951.  
 1974. Presidential address - 1973. The National Collection of Lepidoptera. *Journal of the Lepidopterists' Society* 28(3): 181-204, 13 figs. (30 September) [general]  
 1986. See Robbins, R. K. & J. F. G. Clarke, 1986.
- Clarke, Kenneth U.**  
 1973. Studies on the tolerance of individual insects to temperature changes by step transfer tests. *Proceedings of the royal entomological Society of London (C)* 38(2): 5-6 (2 May), (3): 11-12 (6 June) [abstract; *Heliconius melpomene* (Linnaeus), *H. erato* (Linnaeus); larvae, pupae, imagines; physiology]  
 1977. The transient and steady state responses in oxygen consumption by tropical butterflies to temperature step transfer tests. *Journal of Zoology (London)* 183(2): 251-268, 10 figs., 4 tabs. ([3] October) [*Heliconius melpomene* (Linnaeus); Brazil]  
 1981. See Wright, S. & K. U. Clarke, 1981.
- Claro, Ricardo Augusto, Hebelin Correa, Carmenza Duque and Natalia Ruiz**  
 2007. Aproximación al estudio de la interacción entre *Aristolochia maxima* y larvas de las mariposas *Battus polydamas polydamas* y *Parides panares erythrus* mediadas por ácidos aristolóquicos. *Acta biológica colombiana* 12(2): 59-68, 3 figs. (December) [host plants; Colombia]
- Claro, Ricardo Augusto, and Natalia Ruiz**  
 2010. Aceptación de una dieta artificial por larvas de la mariposa *Battus polydamas polydamas* (Lepidoptera: Papilionidae). *Acta biológica colombiana* 15(1): 47-61, 2 figs., 4 tabs. (April) [life history; host plant; Colombia]
- Classey, Eric William** [1916-2008]  
 1989. See Smith, D. S. et al., 1989.  
 2000. See Peigler, R. S. & E. W. Classey, 2000.
- Clattenburg, Will**  
 2004. A mission for monarchs. *American Forests* 110(2): 32-36, figs. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Clausen, Curtis Paul** [1893-1976]  
 1978. Hesperidae, p. 192. In: Introduced parasites and predators of arthropod pests and weeds: A world review. *Agriculture Handbook. United States Department of Agriculture* 480: vi + 545 pp. (January) [*Calpodus ethlius* (Cramer); host plant; parasitoids; Bermuda, St. Vincent]
- Clavijo, Alejandra**  
 2016. See Pycz, T. W. et al., 2016b.  
 2017. See Álvarez, C. F. et al., 2017.
- Clavijo, Alejandra, Mario Alejandro Marín and Sandra Inés Uribe**  
 2010. Mariposas Dismorphiinae (Lepidoptera: Pieridae) del MEFLG. *Boletín del Museo entomológico Francisco Luis Gallego* 2(1): 9-15, 1 fig., 1 tab. (March) [general; Colombia]
- Clavijo, Bernardo**  
 2019. See Edelman, N. B. et al., 2019.
- Clavijo, José Alejandro** [1953- ]  
 1985. See Yépez, G. et al., 1985.  
 1993. See Stauffer, F. et al., 1993.  
 1998. See De Marmels, J. & J. A. Clavijo, 1998.
- 2003a. See De Marmels, J. et al., 2003.  
 2003b. *Lepidópteros*, pp. 426-436, 1 tab. In: Aguilera, M., A. Azócar & E. González (Eds.), *Biodiversidad en Venezuela*. Caracas, Fundación Polar/Ministerio de Ciencia y Tecnología/Fondo Nacional de Investigaciones Científicas y Tecnológicas. Volume 1. [general]  
 2013. See Contreras, Y. et al., 2013.  
 2019. See Romero, F. & J. A. Clavijo, 2019.
- Cleare, Laurence Delaney, Jr.**  
 1915a. A note on the recent attack of *Brassolis sophorae*. *Journal of the Board of Agriculture of British Guiana* 8(3): 86-87 (July) [host plants; predators and parasitoids; Guyana, Surinam, Trinidad]  
 1915b. A butterfly injurious to coconut palms in British Guiana. *Bulletin of entomological Research* 6(3): 273-278, pls. 8-10, 1 fig. (December) [*Brassolis sophorae* (Linnaeus)]  
 1918. Insect homes. *Timehri* (3)5: 41-47 (August) [*Brassolis sophorae* (Linnaeus), *Pyrrhopyge amyclas* (Cramer); behavior; Guyana]  
 1919. Insect camouflage. *Timehri* (3)6: 136-144, 1 pl. (September) [also in *Journal of the Board of Agriculture of British Guiana* 17(3): 163-175; July 1924] [general; behavior; mimicry; Guyana]  
 1921. Butterfly migrations in British Guiana. *Transactions of the entomological Society of London* 1920(3/5): 331-339, 1 map (21 April) [Pieridae]  
 1923. Insect notes. *Journal of the Board of Agriculture of British Guiana* 16(1): 40-41 (January) [*Brassolis sophorae* (Linnaeus); host plants; parasitoids; Guyana]  
 1924. A note on the control of the coconut caterpillar. *Journal of the Board of Agriculture of British Guiana* 17(3): 159-162 (July) [*Brassolis sophorae* (Linnaeus); parasitoids; Guyana]  
 1925. Appendix V. *Report on the Department of Science and Agriculture (Georgetown) 1923: 47-51*. [*Brassolis sophorae* (Linnaeus); host plant; parasitoids; Guyana]  
 1926. On the life-history of *Caligo illioneus illioneus*, Cram. (Lep. Morphidae). *Transactions of the entomological Society of London* 74(2): 361-366, pls. 81-83 (21 December) [egg, larva, pupa; host plants; behavior; South America]  
 1929a. Entomological division. Annual Report. 1928. *Agricultural Journal of British Guiana* 2(4): 217-221 (after 7 February) [*Brassolis sophorae* (Linnaeus); Guyana]  
 1929b. Butterfly migrations in British Guiana. II. *Transactions of the entomological Society of London* 77(2): 251-264, 2 maps (31 December) [general]
- Cleare, Laurence Delaney, Jr., and F. A. Squire**  
 1934. The coconut caterpillar, *Brassolis sophorae* L. (Lep. Brassolidae) in British Guiana. *Agricultural Journal of British Guiana* 5(3): 166-199, 5 pls., 8 figs. (September) [host plants; egg, larva, pupa, imago; behavior; ecology; parasitoids and predators]
- Clement, Charles Roland**  
 2000. See Falcão, M. de A. & C. R. Clement, 2000.
- Clemente, José**  
 2006. See Liceras, L. & J. Clemente, 2006.
- Clench, Harry Kendon** [1925-1979]  
 1941a. Notes on two Bahaman Lycaenidae, with the description of a new subspecies. *Torreia* 7: 1-7 (15 March) [*Strymon angelia dowi*]  
 1941b. A new race of *Hemiargus* for the Bahamas (Lepidoptera: Lycaenidae). *Memorias de la Sociedad cubana de Historia natural* 15(4): 407-408 (31 December) [*H. catilina thomasi*]  
 1942a. A new Bahaman *Eurema* (Lepidoptera, Pieridae). *Memorias de la Sociedad cubana de Historia natural* 16(1): 1-2 (30 May) [*E. chamberlaini banksi*]  
 1942b. The identity of the Florida race of *Leptotes* (Lepidoptera, Lycaenidae). *Journal of the New York entomological*

- Society* 50(3): 243-244 (5 October) [general; Neotropics]
- 1943a. The Lycaenidae of the Bahama Islands (Lepidoptera, Rhopalocera). *Psyche* (Cambridge) 49(3/4): 52-60 (18 February) [general; new taxa: *Strymon acis armouri*, *Hemiargus bahamensis*, *Brephidium barbouri*]
- 1943b. Some new *Calisto* from Hispaniola and Cuba (Lepidoptera: Satyridae). *Psyche* (Cambridge) 50(1/2): 23-29 (5 August) [*C. batesi*, *C. hysius montana*, *C. confusa debarriera*, *C. herophile parsonsi*, *C. pulchella darlingtoni*]
- 1943c. A note on the Arizona *Erora* (Lepidoptera, Lycaenidae). *Journal of the New York entomological Society* 51(3): 221-223 (7 September) [Mexico]
- 1944a. Supplementary notes on *Calisto* (Lepidoptera: Satyridae). *Psyche* (Cambridge) 50(3/4): 115 (March) [general; new name: *C. micheneri*]
- 1944b. Notes on lycaenid butterflies. *Bulletin of the Museum of comparative Zoology* 94(6): 217-245 (July) [general; new taxa: *Thecla agricolor banosensis*, *T. pseudolongula*, *T. longuloides*, *T. legionis*, *T. acaste catharinensis*, *T. portoena*, *T. marialis*; Ecuador, Bolivia, Brazil, Mexico]
- 1944c. New Neotropical Theclinae (Lepidoptera, Lycaenidae). *Journal of the New York entomological Society* 52(3): 255-261 (11 September) [general; *Thecla caramba*, *T. punona*, *T. kalikimaka*; Mexico, Trinidad, South America]
1946. Notes on the amyntor group of the genus *Thecla* (Lepidoptera, Lycaenidae). *Entomologist* 79(998): 152-157 (12 July), (999): 185-191 (23 August) [general; new taxa: *T. amyntor distractus*, *T. detesta*, *T. miserabilis*, *T. argentinensis*, *T. goodsoni*, *T. acaste* form *abnormis*; Mexico, Central and South America]
1955. Revised classification of the butterfly family Lycaenidae and its allies. *Annals of the Carnegie Museum* 33(16): 261-274, 1 fig. (20 June) [general; Neotropics]
- [1964]a. A synopsis of the West Indian Lycaenidae, with remarks on their zoogeography. *Journal of Research on the Lepidoptera* 2(4): 247-270, 10 figs. ("December 1963", [9 May 1964]) [general; new genera: *Nesiostrymon*, *Heterosmaitia*, *Allosmaitia*; Neotropics]
- 1964b. A new species of Riodinidae from Mexico. *Journal of Research on the Lepidoptera* 3(2): 73-80, 6 figs. ([22 November] [*Anatole rossii*])
- 1964c. Remarks on the relationships of the butterflies (excluding skippers) of the Cayman Islands. *Occasional Papers on Mollusks* 2(31): 381-382 (September) [general]
- 1964d. A new hairstreak for the United States. *Journal of the Lepidopterists' Society* 18(3): 189-190 (2 November) [*Oenomaus ortygnus* (Cramer); Mexico]
- 1965a. Variation and distribution of *Hemiargus huntingtoni* (Lepidoptera: Lycaenidae). *Journal of the New York entomological Society* 73(1): 41-45 (19 April) [general; new subspecies: *H. (Echinargus) h. continentalis*, *H. (E.) h. hannoides*; ecology; Neotropics]
- 1965b. A collection of butterflies from western Chihuahua, Mexico. *Entomological News* 76(6): 157-162 (2 June) [general; new subspecies: *Lycaeides melissa mexicana*]
- 1966a. Behavioral thermoregulation in butterflies. *Ecology* 47(6): 1021-1034, 1 fig., 1 tab. (January) [general; Mexico]
- 1966b. The synonymy and systematic position of some Texas Lycaenidae. *Journal of the Lepidopterists' Society* 20(2): 65-70, 7 figs. (31 May) [general; Mexico, Central America]
- 1966c. It's not in the book. *Carnegie Magazine* 1966(November): 313-319, 3 figs. (November) [general; Mexico]
- 1967a. A note on *Caria domitianus* and *ino* (Riodinidae), with description of a new subspecies. *Journal of the Lepidopterists' Society* 21(1): 53-56, 2 figs. (21 February) [general; *C. d. vejento*; Mexico, Central and South America]
- 1967b. Type localities of some neotropical Lycaenidae taken by Gervase Mathew and described by W. C. Hewitson. *Journal of the Lepidopterists' Society* 21(3): 181-184 (21 August) [general; Mexico, Peru, Panama, Chile]
- 1968a. See Miller, L. D. & H. K. Clench, 1968.
- 1968b. Butterflies from Coahuila, Mexico. *Journal of the Lepidopterists' Society* 22(4): 227-231 (15 November) [general; ecology]
- 1970a. A new subspecies of *Brephidium exilis* from Yucatan (Lepidoptera: Lycaenidae). *Journal of the Lepidopterists' Society* 24(1): 3-6, 1 fig. (26 March) [*B. e. yucateca*; ecology; Mexico]
- 1970b. Generic notes on two hairstreaks new to the United States (Lycaenidae). *Journal of the Lepidopterists' Society* 24(1): 56-59, 1 fig. (26 March) [general; new genus: *Ocaria*; Mexico]
- 1970c. Communal roosting in *Colias* and *Phoebis* (Pieridae). *Journal of the Lepidopterists' Society* 24(2): 117-120 (29 May) [general; Mexico]
1971. Two new hairstreaks from Mexico (Lepidoptera: Lycaenidae). *Bulletin of the Allyn Museum* 3: 1-6, 2 figs. (19 November) [*Micandra dignota tongida*, *Panthiades m-album moctezuma*]
1972. A review of the genus *Lasaia* (Riodinidae). *Journal of Research on the Lepidoptera* 10(2): 149-180, 41 figs. [general; new taxa: *L. maria*, *L. maria anna*, *L. pseudomeris*, *L. sula peninsularis*, *L. aerugo*, *L. agesilas esmeralda*, *L. a. callaina*; Neotropics]
- 1975a. A review of the genus *Hypostrymon* (Lepidoptera: Lycaenidae). *Bulletin of the Allyn Museum* 25: 1-7, 2 figs. (28 February) [general; new species: *H. aderces*, *H. margaretae*; Mexico]
- 1975b. More on *Urbanus dorantes* (Hesperiidae). *Journal of the Lepidopterists' Society* 29(2): 106-107 (10 June) [distribution; Bahamas, Cuba]
- 1975c. See Emmel, T. C. et al., 1975.
- 1975d. Systematic notes on *Dryas iulia* (Heliconiidae). *Journal of the Lepidopterists' Society* 29(4): 230-235 (24 November) [general; new subspecies: *D. i. largo*; Neotropics]
- 1976a. Fugitive color in the males of certain Pieridae. *Journal of the Lepidopterists' Society* 30(2): 88-90 (12 July) [*Nathalis iole* Boisduval, *Eurema (Pyrisitia) messalina blakei* (Maynard); Bahamas]
- 1976b. *Nathalis iole* (Pieridae) in the southeastern United States and the Bahamas. *Journal of the Lepidopterists' Society* 30(2): 121-126 (12 July)
- 1976c. In search of rare butterflies. *Bahama Naturalist* 2(1): 2-8, figs. [general; Bahamas]
- 1977a. A list of the butterflies of Andros, Bahamas. *Annals of the Carnegie Museum* 46(12): 173-194, 1 fig. (27 October) [general; ecology; behavior]
- 1977b. Butterflies of the Carnegie Museum Bahamas Expedition, 1976. *Annals of the Carnegie Museum* 46(16): 265-283 (4 November) [general; ecology; behavior]
1979. *Papilio aristodemus* (Papilionidae) in the Bahamas. *Journal of the Lepidopterists' Society* 32(4): 273-276 (28 February) [new subspecies: *P. a. briophilus*, *P. a. bjonrdalae*; ecology; behavior]
- 1980a. See Elliott, N. B. et al., 1980.
- 1980b. See Harvey, D. J. & H. K. Clench, 1980.
1981. New *Callophrys* (Lycaenidae) from North and Middle America. *Bulletin of the Allyn Museum* 64: 1-32, 48 figs. (20 October) [*C. (Cyanophrys) miserabilis simplex*, *C. (Xamia) xami scaphia*, *C. (Mitoura) dospassosi*, *C. (M.) d. searsi*, *C. (M.) millerorum*, *C. (M.) estela*, *C. (M.) guatemalena*; Mexico, Guatemala, Nicaragua, Costa Rica]
- Clench, Harry Kendon, and Karen A. Bjonrdal**
1980. Butterflies of Great and Little Inagua, Bahamas. *Annals of the Carnegie Museum* 49(1): 1-30, 1 fig., 2 tabs. (4 March) [general; new subspecies: *Epargyreus zestos inaguarium*]

**Clench, Harry Kendon, and Mary Heimerdinger Clench**

1974. The Bahamas: All this and conch stew. *Carnegie Magazine* 1974(May): 204-209, figs. (May) [general]

**Clench, Mary Heimerdinger** [1932-2011]

1974. See Clench, H. K. & M. H. Clench, 1974.

**Clerc, Corentin**

2019. See McClure, M. et al., 2019a.

**Clerck, Carl Alexander** [1709-1765]

1759-[1764]. *Icones insectorum rariorum cum nominibus eorum trivialibus, locisque a C. Linnaei Arch: R: et Equ: Aur: Syst: Nat: allegatis*. Holmiae. 1: [12] pp., pls. 1-16 (1759); 2: [8] + [3] pp., pls. 17-55 + [7] ([1764]) [general]

**Clerici, Nicola, Camilo Andrés Salazar, Carolina Pardo-Díaz, Christopher David Jiggins, James E. Richardson and Mauricio Linares**

2019. Peace in Colombia is a critical moment for Neotropical connectivity and conservation: Save the northern Andes-Amazon biodiversity bridge. *Conservation Letters* 12(1)(e12594): 1-7, 3 figs. (12 February; published online 13 July 2018) [*Heliconius*]

**Clérot, Léon F.**

1922. Uma ab. de *Papilio agavus*, Dru. *Boletim da Sociedade entomológica do Brasil* (Rio de Janeiro) 1(1/3): 18. [*P. a. aberration aurimaculatus*; Brazil]

**Cloudsley-Thompson, John L.**

1978. *Animal migration*. London, Orbis Publishing. 120 pp., figs. [*Danaus plexippus* (Linnaeus); Mexico]

**Clough, Yann**

2019. See Jezeer, R. E. et al., 2019.

**Cluff, B.**

1995. See Bingham, L. et al., 1995.

**Coates, Brad S., J. A. Kroemer, Douglas V. Sumerford and Richard L. Hellmich**

2011. A novel class of miniature inverted repeat transposable elements (MITEs) that contain hitchhiking (GTCY)<sub>n</sub> microsatellites. *Insect molecular Biology* 20(1): 15-27, 6 figs., 2 tabs. (February; published online 24 October 2010) [*Heliconius melpomene* (Linnaeus), *H. numata* (Cramer)]

**Coates, Steve** [1955- ]

1999. See Johnson, K. D. & S. Coates, 1999.

**Cobbold, Thomas Spencer** [1828-1886]

1877. See Richardson, J. et al., 1877.

**Cobo, Bernabé** [1580-1657]

1956. *Historia del Nuevo Mundo. Libro Noveno*, pp. 332-374. In: *Biblioteca de Autores Españoles desde la Formación del Lenguaje hasta Nuestros Días. 91. Obras del P. Bernabé Cobo de la Compañía de Jesús. I*. Madrid, Real Academia Española. [general; Peru]

**Cocheto, Julieder Goronci**

2007. See Pratisoli, D. et al., 2007a.

**Cochran, Ferdouz V.**

2012. See Barve, N. et al., 2012.

**Cock, Matthew J. W.**

1982a. Lepidoptera of Nariva Swamp. *Living World* 1981-1982: 21-22. [general; Trinidad]

1982b. Notes on rare butterflies including two species new to Trinidad. *Living World* 1981-1982: 23-24, 9 figs. [general]

1982c. Butterflies from Chacachacare Island including three species new to Trinidad. *Living World* 1981-1982: 25. [general]

1982d. The skipper butterflies (Hesperiidae) of Trinidad. Part I. Introduction and Pyrrhopyginae. *Living World* 1981-1982: 52-56, 11 figs. [general]

1982e. The skipper butterflies (Hesperiidae) of Trinidad. Part II. A systematic list of the Trinidad and Tobago Hesperiidae. *Occasional Papers. Department of Zoology. University of the West Indies* 5: i-ii, 1-47 (June) [general]

1982f. Potential biological control agents for *Mikania micrantha* HBK from the Neotropical region. *Tropical Pest Management* 28(3): 242-254, 12 figs., 1 tab. [*Thecla* (*Rekoa*) *palegon* (Cramer), *Tegosa similis* Higgins; host plants; Trinidad, Colombia]

1984a. Lepidoptera notes 1-6. *Living World* 1983-1984: 35-37. [general; host plants; Trinidad]

1984b. The skipper butterflies (Hesperiidae) of Trinidad. Part 3 Pyrginae (first section). *Living World* 1983-1984: 38-42, 19 figs. [general]

1985a. A review of biological control of pests in the Commonwealth Caribbean and Bermuda up to 1982. *Technical Communication. Commonwealth Institute of biological Control* 9: 244 pp. (July) [general; host plants; parasitoids]

1985b. *Cyamaenes finca*, sp. n. (Hesperiidae) from Trinidad, W. I. *Journal of the Lepidopterists' Society* 39(1): 48-50, 8 figs. (16 October)

1986. The skipper butterflies (Hesperiidae) of Trinidad. Part 4: Pyrginae (second section). *Living World* 1985-1986: 33-47, 4 + 52 figs. (July) [general; host plants]

1988. The skipper butterflies (Hesperiidae) of Trinidad. Part 5: Pyrginae, Genera group C concluded. *Living World* 1987-1988: 24-31, 11 figs. (August) [general; host plants]

1991. The skipper butterflies (Hesperiidae) of Trinidad part 7. Genera Group E (first section). *Living World* 1991-1992: 46-56, 24 + 34 figs. (July) [general]

1996. The skipper butterflies (Hesperiidae) of Trinidad. Part 8, Genera group E (second section). *Living World* 1995-1996: 27-37, 41 figs. (July) [new species: *Staphylus kayei*; life history; host plants]

1998a. The skipper butterflies (Hesperiidae) of Trinidad. Part 9, Genera group E concluded (third section) with a description of a new species of *Clito*. *Living World* 1997-1998: 33-45, 43 figs. (March) [*C. trinidadensis*; life history; host plants]

1998b. Two species of Hesperiidae recently established on New Providence. *Bahamas Journal of Science* 5(3): 12-15, 5 figs. (June) [*Asbolis capucinus* (Lucas), *Cyamaenes tripunctus tripunctus* (Herrich-Schäffer), *Urbanus proteus domingo* (Scudder); life history; host plants; parasitoids; Bahamas]

2000. The skipper butterflies (Hesperiidae) of Trinidad. Part 10, Pyrginae completed, genera groups F and G. *Living World* 1999-2000: 49-71, 37 figs. (August) [general; life histories; host plants]

2001. Notes on butterflies seen or collected on a short visit to Nevis, W.I., including the life history of *Epargyreus zestos* Geyer (Hesperiidae). *Living World* 2001: 27-36, 21 figs. (November) [general; egg, larva, pupa; host plants]

2002. *Proteides mercurius grenadensis* Pinchon & Enrico (Hesperiidae) in Grenada, with notes on *Nyctelius nyctelius* Latreille (Hesperiidae) and other Lepidoptera observed, October 1995. *Living World* 2002: 45-48, 2 figs. (November) [general; behavior]

2003a. The skipper butterflies (Hesperiidae) of Trinidad. Part 11, Hesperiinae, Genera group O. *Living World* 2003: 14-48, 97 pls., 1 fig. (October) [general; behavior; life histories; host plants; parasitoids; predators; Tobago]

2003b. On the number of moths (Lepidoptera) that occur in Trinidad and Tobago. *Living World* 2003: 49-58, 2 pls., 3 tabs. (October) [general; diversity]

2003c. [A correction]. *Living World* 2003: 76, 2 figs. (October) [*Proteides mercurius grenadensis* Enrico & Pinchon; Grenada]

2004a. On the food plant of *Anteros carausius carausius* Westwood (Lepidoptera: Riodinidae). *The Field Naturalist*.



- Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club 2004(2): 7, 25, 1 fig. (June) [pupa; Trinidad]
- 2004b. A newly recognised endemic Trinidad butterfly: The Tucuche Adelpha, *Adelpha seriphia barcanti* Willmott (Nymphalidae). *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2004(3/4): 15, 20, 1 fig. (December) [behavior]
- 2004c. The skipper butterflies (Hesperiidae) of Trinidad, Part 12, Heteroptinae [sic] genera group H and Hesperinae genera group N. *Living World* 2004: 23-25, 3 figs. (August) [*Dalla* sp. ?*quasca* Bell, *Lerodea eufala eufala* (Edwards)]
- 2004d. Margaret E. Fountaine, an early 20th-century butterfly collector in Trinidad. *Living World* 2004: 43-49, 5 figs., 1 tab. (August) [general; history; host plants]
- 2005a. There are two species of zebra butterfly (*Colobura* spp. Nymphalidae) in Trinidad, but only one has striped caterpillars. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2005(1): 14-15 (March) [host plants; behavior]
- 2005b. The skipper butterflies (Hesperiidae) of Trinidad. Part 13, Hesperinae, genera group K. *Living World* 2005: 23-47, 71 figs. [general; life histories; host plants]
- 2005c. Butterfly trails. H. R. Roegner. 2003. *Living World* 2005: 66, 1 fig. [general; Trinidad; book review]
- 2006a. The skipper butterflies (Hesperiidae) of Trinidad. Part 14, Hesperinae, genera group L. *Living World* 2006: 8-26, 47 figs. (October) [general; host plants]
- 2006b. Trinidad's leaf shoemaker is *Zaretis ellops* (Ménétriés), not *Z. itys* (Cramer) (Nymphalidae). *Living World* 2006: 51-52, 2 figs. (October)
- 2006c. On the food plant of the large southern white butterfly, *Ganyra phaloe lamonti* (Kaye) (Pieridae). *Living World* 2006: 56-57 (October) [Trinidad]
- 2006d. A la découverte des papillons du jour des Antilles françaises. L. Brévignon and C. Brévignon. 2003. *Living World* 2006: 60, 1 fig. (October) [general; book review]
2007. The skipper butterflies (Hesperiidae) of Trinidad. Part 15, Hesperinae, Genera Group M. *Living World* 2007: 38-56, 59 figs. (August) [general; life histories; host plants]
2008. Observations on the biology of *Pyrrhopyge amyclas amyclas* (Cramer) and *Mysoria barcastus alta* Evans (Lepidoptera: Hesperiidae) in Trinidad, West Indies. *Living World* 2008: 43-48, 9 figs. (July) [larvae, pupae; host plants]
2009. The skipper butterflies (Hesperiidae) of Trinidad. Part 16, Hesperinae, Genera Group J, *Vettiis* - *Naevolus*. *Living World* 2009: 11-31, 44 figs. [general; life histories; host plants]
- 2010a. The skipper butterflies (Hesperiidae) of Trinidad part 17, Hesperinae, Anthoptini and the remainder of Evans' Genera Group I. *Living World* 2010: 11-30, 30 figs. (June) [general; larvae, pupae; host plants]
- 2010b. A note on the biology of *Pirascca sagaris sagaris* (Cramer) (Lepidoptera: Riodinidae) in Trinidad, West Indies. *Living World* 2010: 85-86, 1 fig. (June) [larva, pupa; host plant]
- 2010c. A note on the food plant and early stages of *Justinia gava* Evans (Lepidoptera: Hesperiidae) in Trinidad, West Indies. *Living World* 2010: 88 (June)
- 2011a. The skipper butterflies (Hesperiidae) of Trinidad. Part 18, Hesperinae, Moncini: Eight genera of relatively distinctive species: *Callimormus*, *Eutocus*, *Artines*, *Flaccilla*, *Phanes*, *Monca*, *Vehilius* and *Parphorus*. *Living World* 2011: 14-36, 51 figs. [general; life histories; host plants]
- 2011b. See Alston-Smith, S. & M. J. W. Cock, 2011.
2012. The skipper butterflies (Hesperiidae) of Trinidad. Part 19, Hesperinae, Moncini: the remaining genera with pale spots: *Cymaenes*, *Cobalopsis*, *Arita*, *Lerema*, *Morys* and *Tigasis*. *Living World* 2012: 20-40, 45 figs. [general; life histories; host plants]
- 2013a. The skipper butterflies (Hesperiidae) of Trinidad. Part 20, Hesperinae, Moncini: the remaining genera of mostly unmarked brown species: *Eutocus*, *Eprius*, *Mnasicles*, *Methionopsis*, *Sodalia*, *Thargella*, *Nastra*, *Mnasilus*, *Mnasitheus* and *Papias*. *Living World* 2013: 1-18, 31 figs., 1 tab. [general; eggs, larvae, pupae, imagos; host plants]
- 2013b. Collections of Lepidoptera from Trinidad and Venezuela by Ralph du Boulay Evans (1891-1929). *Living World* 2013: 83-84 [general]
- 2014a. An updated and annotated checklist of the larger butterflies (Papilionoidea) of Trinidad, West Indies: Papilionidae, Pieridae and Nymphalidae. *Insecta Mundi* 353: 1-41, 2 tabs. (28 February) [general]
- 2014b. An updated and annotated checklist of the Hedyliidae and Hesperidae (Lepidoptera) of Trinidad, West Indies. *Insecta Mundi* 393: 1-40, 1 fig., 1 tab. (17 October) [general]
- [2015]. Observations on the biology of skipper butterflies in Trinidad, Trinidad and Tobago: *Phocides*, *Chioides*, *Typhedanus*, and *Polythrix* (Hesperiidae: Eudaminae). *Living World* 2014: 1-11, 27 figs. ("June 2014", [2015]) [general; host plants; parasitoids]
- [2016]a. Observations on the biology of skipper butterflies in Trinidad, West Indies: *Urbanus*, *Astrartes* and *Narcosius* (Hesperiidae; Eudaminae). *Living World* 2015: 1-14, 37 figs. ("July 2015", [June 2016]) [general; host plants; parasitoids]
- 2016b. *Staphylus* spp. (Lepidoptera, Hesperiidae, Pyrginae, Carcharodini) in Trinidad, West Indies. *Living World* 2016: 1-8, 27 figs. (December) [larvae, pupae, adults; parasitoids; host plants]
- 2017a. The butterflies (Lepidoptera, Papilionoidea) of Tobago, West Indies: An updated and annotated checklist. *Insecta Mundi* 539: 1-38, 3 figs. (28 April) [general; new subspecies: *Ouleus fridericus sheldoni*]
- 2017b. See Sookdeo, K. A. & M. J. W. Cock, 2017.
- 2019a. Donkey's Eyes, *Junonia* spp. (Lepidoptera, Nymphalidae), in Trinidad and Tobago. *Living World* 2019: 14-20, 24 figs., 1 tab. (published online 23 December) [*J. zonalis* C. Felder & R. Felder, *J. genoveva* (Cramer), *J. litoralis* Brévignon]
- 2019b. Field-identification of the *Caligo* butterflies (Nymphalidae, Brassolinae) of Trinidad and Tobago. *Living World* 2019: 37-39, 4 figs. (published online 23 December) [*C. brasiliensis minor* Kaye, *C. teucer insulanus* Stichel, *C. illioneus* (Cramer)]
- Cock, Matthew J. W., and Scott Alston-Smith**
1990. The skipper butterflies (Hesperiidae) of Trinidad. Part 6: Pyrginae, Genera Group D. *Living World* 1989-1990: 25-35, 35 figs. (June) [general; host plants]
2013. *Udranomia* spp. (Lepidoptera: Hesperiidae: Eudaminae) in Trinidad, West Indies. *Living World* 2013: 29-31, 5 figs. [larva, pupa, imago; host plant]
2017. Six new records of butterflies (Lepidoptera, Papilionoidea) from Trinidad, West Indies. *Living World* 2017: 7-13, 10 figs. (December) [general; host plants]
2019. *Oxyntes corusca* (Herrich-Schäffer) (Lepidoptera, Hesperiidae), an overlooked butterfly record from Trinidad, W.I., with notes on the caterpillar. *Living World* 2019: 45-46, 3 figs. (published online 23 December) [host plant]
- Cock, Matthew J. W., and Charles De Gannes**
2012. On the biology of *Memphis pithyusa morena* (Lepidoptera: Nymphalidae) in Trinidad, West Indies. *Living World* 2012: 70-72, 6 figs. [larva, pupa; host plant]
- Cock, Matthew J. W., and Harry C. Evans**
1984. Possibilities for biological control of *Cassia tora* and *C. obtusifolia*. *Tropical Pest Management* 30(4): 339-350, 2

- figs., 4 tabs. [*Eurema* sp., *Phoebis sennae* (Linnaeus), *Typhedanus undulatus* Hewitson; host plants; Trinidad]
- Cock, Matthew J. W., and Jason Piers Wilton Hall**  
2004. Immature stages of *Calydna venusta morio* (Riodinidae) from Trinidad. *Journal of the Lepidopterists' Society* 58(1): 51-53, 4 figs. (22 April) [larva, pupa; host plant]
- Cock, Matthew J. W., and Robert Kanner Robbins**  
2016. Annotated checklist and biogeographic composition of the Lycaenidae (Lepidoptera) of Trinidad, West Indies. *Insecta Mundi* 506: 1-33 (21 October) [general]
- Cockayne, Edward Alfred** [1880-1956]  
1924. The distribution of the fluorescent pigments in Lepidoptera. *Transactions of the entomological Society of London* 1924 (1/2): 1-19 (30 August) [general]  
1927. *Colias lesbia*. Description of genitalia of a gynandromorph. *Entomologist's Record and Journal of Variation* 39(7/8): 99-100, pl. 3 (July) [Argentina]
- Cockbill, G. F.**  
1942. See Williams, C. B. et al., 1942.
- Cockerell, Theodore Dru Alison** [1866-1948]  
1891. Notes on the transformation [sic] of some Jamaica Lepidoptera. *Journal of the Institute of Jamaica* 1(1): 27-31 (November) [general; larvae, pupae; host plants]  
1892a. A first contribution to the entomology of Bath, Jamaica. *Journal of the Institute of Jamaica* 1(2): 71-74 (February) [general; life histories; behavior]  
1892b. Notes on the life-history of *Calpodus ethlius*. *Entomological News* 3(4): 78-80 ("April", [31 March]) [Jamaica]  
1892c. Museum notes. *Journal of the Institute of Jamaica* 1(3): 95-97 (May) [*Pamphila insolata* Butler; Jamaica]  
1892d. [Footnote]. In: Weir, J. J., Notes on some Lepidoptera captured in Jamaica by Dr. Percy Rendall. *Journal of the Institute of Jamaica* 1(3): 107 (May) [general]  
1892e-93a. Museum notes. *Journal of the Institute of Jamaica* 1(4): 134-137 (August 1892), (5): 178-180 (January 1893) [*Cystineura dorcas* (Fabricius), *Papilio pelaus* Fabricius; larvae; host plant; Jamaica]  
1893b. [Footnotes]. In: Panton, E. S., Notes on insect life. *Journal of the Institute of Jamaica* 1(6): 249-252 (April) [general; host plants; Jamaica]  
1893c. Additions to the fauna and flora of Jamaica. *Journal of the Institute of Jamaica* 1(6): 256-262 (April) [general]  
1893d. Brief notes on two Jamaican Papilionidae. *Psyche* (Cambridge) 6(205): 450 (1 May) [*Synchlœ joppa* (Boisduval), *Papilio pelaus* Fabricius; egg, larva]  
1893e. Early stages of two Jamaican Nymphalidae. *Psyche* (Cambridge) 6(206): 481-482 (1 June) [*Aganisthos orion* (Fabricius), *Gynaecia dirce* (Linnaeus); eggs, larvae]  
1893f. [Notes]. In: Jones, W., Observations on the insects of Jamaica. *Journal of the Institute of Jamaica* 1(8): 368-372 (December) [general; *Dione vanillae* (Linnaeus), *Aganisthos orion* (Fabricius)]  
1894. *Synchlœ lacinia*, aberr. *rufescens*. *Canadian Entomologist* 26(1): 30 (15 January) [Mexico]  
1895a. On some insects collected in the State of Chihuahua, Mexico. *Annals and Magazine of natural History* (6)15(86): 204-210 (1 February) [general]  
1895b. On a butterfly considered to be *Anaea echemus*, found at Grand Cayman. *Journal of the Institute of Jamaica* 2(2): 172-173 (April)  
1898. The insect fauna of Cinchona. *Journal of the Institute of Jamaica* 2(5): 468-469 (28 March) [general; Jamaica]  
1909. The blue butterflies of the genus *Celastrina*. *American Naturalist* 43(506): 114-116 (February) [*C. pseudargiolus* (Boisduval); Mexico, Central America]  
1923. See Schaus, W. & T. D. A. Cockerell, 1923.  
1926a. *Terias leuce* in Argentina. *Entomologist* 59(752): 11 (January)
- 1926b. Entomological experiences in South America. *Entomological News* 37(5): 133-138 ("May"; [29 April]) [general; Argentina, Peru]  
1926c. *Morpho polyphemus* Dbl. and Hew. *Entomologist* 59(758): 181 (July) [Mexico]  
1927. A new subspecies of *Papilio paeon* (Lepid.). *Proceedings of the entomological Society of Washington* 29(2): 48 (26 March) [*P. p. escomeli*; Peru]  
1941. Observations on plants and insects in northwestern Baja California, Mexico, with descriptions of new bees. *Transactions of the San Diego Society of natural History* 9(31): 337-352 (26 September) [general; *Caenonympha* [sic] *california* Hewitson, *Vanessa cardui* (Linnaeus)]
- Cockrell, Barbara J.**  
1993. See Malcolm, S. B. et al., 1993.
- Cockrell, Barbara J., Stephen Baillie Malcolm and Lincoln P. Brower**  
1993. Time, temperature, and latitudinal constraints on the annual recolonization of eastern North America by the Monarch butterfly. *Science Series. Natural History Museum of Los Angeles County* 38: 233-251, 7 figs., 5 tabs. (18 February) [*Danaus plexippus* (Linnaeus); Mexico]
- Cocroft, Reginald B., and Paul De Luca**  
2006. *Size-frequency relationships in insect vibratory signals*, pp. 99-110, 4 figs., 2 tabs. In: Drosopoulos, S. & M. F. Claridge (Eds.), *Insect sounds and communication. Physiology, behaviour, ecology and evolution*. Boca Raton, CRC Press. [Riodinidae, Lycaenidae; Neotropics]
- Coe, Rebecca L.**  
2001. See Jiggins, C. D., R. E. Naisbit et al., 2001.
- Coelho, Christiano Peres, and Ana Angélica Almeida Barbosa**  
2003. Biologia reprodutiva de *Palicourea macrobotrys* Ruiz & Pavon (Rubiaceae): um possível caso de homostilia no gênero *Palicourea* Aubl. *Revista brasileira de Botânica* (São Paulo) 26(3): 403-413, 5 figs., 4 tabs. (September) [*Heliconius ethilla narcaea* (Godart), *H. erato phyllis* (Fabricius); pollination; Brazil]
- Coelho, Christiano Peres, André Rodrigo Rech and Valdivino Santana do Carmo**  
2015. Biologia floral e visitantes de *Cordia nodosa*: uma espécie com dimorfismo estilar na Amazônia. *Boletim do Museu paraense Emílio Goeldi (Ciências naturais)* 9(3): 481-490, 7 figs., 2 tabs. ("December 2014", February 2015) [*Detritivora* sp.; Brazil]
- Coelho, Marcel Serra**  
2017. See Pereira, G. C. N. et al., 2017.
- Coelho, Mariane**  
2013. See Assis, F. A. de et al., 2013.
- Coelho, R. G.**  
1982. See Oliveira, A. M. de et al., 1982.
- Coelho, Ruimário Inácio**  
2009. See Faria, D. C. de et al., 2009.
- Coelho, Sônia Maria Prevedello, Claudio José Barros de Carvalho and José Henrique Guimarães**  
1989. Chave e sinônimas para as espécies sul-americanas de *Winthemia* Robineau-Desvoidy (Diptera, Tachinidae) com descrição de três espécies novas. *Revista brasileira de Zoologia* 6(2): 271-296, 112 figs. (15 August) [*Caligo eurilochus* (Cramer); parasitoid; Brazil]
- Cohen, Alan**  
2002. Roland Trimen and the *merope* harem. *Notes and Records of the Royal Society of London* 56(2): 205-218, 2 figs. (22 May) [mimicry]
- Cohen, Edgar, Jr.**  
1995. See Cohen, J. & E. Cohen, Jr., 1995.
- Cohen, James A.**

1983. See Calvert, W. H. & J. A. Cohen, 1983.
- Cohen, Jenny A.**  
1984. See Brower, L. P. et al., 1984.
- Cohen, Joy, and Edgar Cohen, Jr.**  
1995. A lepidopterist's expedition to Rondonia, Brazil. *Maryland Entomologist* 4(1): 43-45 (December) [general]
- Cohen, Mary D.**  
1984. *Jewels on the wing. A manual of butterflies and moths.* Buffalo, Buffalo Museum of Science. 32 pp., figs. [general]
- Coimbra, Ademar F., Filho**  
1966. *Fauna*, pp. 101-114, 137-152, figs. In: *Floresta da Tijuca. Rio de Janeiro, Centro de Conservação da Natureza*. 152 pp., figs. [*Morpho laertes* (Drury), *M. hercules* (Dalman), *Caligo eurilochus brasiliensis* (C. Felder); Brazil]
1981. Animais predados ou rejeitados pelo sauí-piranga, *Leontopithecus r. rosalia* (L., 1766) na sua área de ocorrência primitiva (Callitrichidae, Primates). *Revista brasileira de Biologia* 41(4): 717-731, 6 figs. (November) [general; Brazil]
- Coissac, Eric**  
2016. See Cally, S. et al., 2016.
- Colaço, Miguel Ângelo da Silva, Rosineide Braz Santos Fonseca, Sabrina Mota Lambert, Cristiana Barros Nascimento Costa, Caio Graco Machado and Eduardo Leite Borba**  
2006. Biologia reprodutiva de *Melocactus glaucescens* Buining & Brederoo e *M. paucispinus* G. Heimen & R. Paul (Cactaceae), na Chapada Diamantina, Nordeste do Brasil. *Revista brasileira de Botânica* (São Paulo) 29(2): 239-249, 13 figs., 2 tabs. (June) [*Phoebis philea* (Linnaeus); behavior; Brazil]
- Cole, James B.**  
2007. See Banerjee, S. et al., 2007.  
2013. See Okada, N. et al., 2013.
- Cole, Stuart**  
2001. A visit to the Arima valley, Trinidad. *Bulletin of the amateur Entomologists' Society* 60(438): 180-183 (October) [general]  
2010. Insects in the Atlantic Rain Forest of Brazil. *Bulletin of the amateur Entomologists' Society* 69(493): 241-246, pls. 7-12 (December) [general]
- Coles, Brian**  
1972. See Barcant, M. G. & B. Coles, 1972.
- Colette, Sidonie-Gabrielle** [1873-1954]  
1936. *Splendeur des papillons*. Paris, Librairie Plon. 12 pp., 12 pls. [general; distribution]
- Coley, Phyllis Dewing**  
2005. See Stireman, J. O., III et al., 2005.  
2007. See Dyer, L. A. et al., 2007.  
2017. See Endara, M.-J. et al., 2017.
- Coley, Phyllis Dewing, and John A. Barone**  
1996. Herbivory and plant defenses in tropical forests. *Annual Review of Ecology and Systematics* 27: 305-335, 1 tab. [general; Neotropics]
- Coley, Phyllis Dewing, Melanie Lynn Bateman and Thomas Alan Kursar**  
2006. The effects of plant quality on caterpillar growth and defense against natural enemies. *Oikos* 115(2): 219-228, 5 figs., 2 tabs. (November; published online 12 July) [general; Panama]
- Colins, Mairla Santos**  
2017. See Martins, L. P. et al., 2017a.
- Collenette, Cyril Leslie** [1888-1959]  
[1925]. *Sea-girt jungles. The experiences of a naturalist with the "St. George" expedition.* London, Hutchinson & Co., Ltd. i-xiv, 15-275, frontisp., 34 figs., 1 map. [general; Panama, Galapagos, Cocos and Gorgona Islands]
- 1928a. A migration of *Libythea carinenta carinenta* Cr. *Entomologist's monthly Magazine* 64(769): 124-126 (June) [Brazil]  
1928b. An *Ageronia* responding to a noise made by birds. *Entomologist's monthly Magazine* 64(771): 178-179 (August) [possibly *Ageronia februa sabatia* Fruhstorfer; Brazil]  
1929a. A photograph of male pierine butterflies. *Itaballia d. demophile*, L. clustered on ground from which leaves had been removed. *Proceedings of the entomological Society of London* (A) 4(1): 22 (31 July) [Brazil]  
1929b. A predaceous fly *Asilus* sp., with its pierine prey, *Itaballia d. demophile*, L., from Matto Grosso, Brazil. *Proceedings of the entomological Society of London* (A) 4(1): 22-23 (31 July)
- Collenette, Cyril Leslie, and George Talbot**  
1928. Observations on the bionomics of the Lepidoptera of Mato Grosso, Brazil. *Transactions of the entomological Society of London* 76(2): 391-416, pls. 14-19, 1 map, tabs. (31 December) [general; mimicry; behavior; new taxa: *Mechanitis polymnia angustifascia*, *M. elisa connectens*, *Ceratinia nina chapadensis*, *Sais rosalia brasiliensis*, *Hypoleria consimilis*, *Pseudoscada quadrifasciata*, *P. collenette*]
- Collin, Gabriel Daniel** [1800- ?]  
1822. *Fauna surinamensis* [Thesis]. Upsaliae. [iii] + 9 pp. (12 December) [reprinted in Holthuis, 1958, q.v.] [general]
- Collins, Charles Thompson** [1938- ]  
1963. See Brower, L. P. et al., 1963.
- Collins, Graham**  
1996. See Waring, P. et al., 1996.
- Collins, Julius Lloyd** [1889- ]  
1960. *The pineapple. Botany, cultivation, and utilization.* London, Leonard Hill. xvii + 294 pp., 39 pls., 13 figs. [*Thecla echiom* (Linnaeus); host plant; Mexico, Guatemala]
- Collins, Michael Merle** [1943- ]  
1992. Speciation: A review of concepts and studies with special reference to the Lepidoptera. *Journal of Research on the Lepidoptera* 30(1/2): 45-81 (1 December) [*Heliconius*]  
2018. See Brower, A. V. Z. et al., 2018.
- Collins, Michael Merle, and David L. Wagner**  
2014. Caterpillars, crypsis and context: Interpreting the adaptive significance of larval patterns requires viewing at appropriate distance in natural lighting and against natural background. *News of the Lepidopterists' Society* 56(1): 3-9, 9 figs. (1 March) [general]
- Collins, Nicholas Mark** [1952- ]  
1983. See Wells, S. M. et al., 1983.  
1991. See New, T. R. & N. M. Collins, 1991.
- Collins, Nicholas Mark, and Michael G. Morris**  
1985. *Threatened swallowtail butterflies of the world. The IUCN Red Data Book.* Gland, International Union for Conservation of Nature and Natural Resources. vii + 401 pp., 8 pls., tabs. (November) [general; life histories]
- Collins, Nicholas Mark, and Helen M. Smith**  
1995. *Threats and priorities in conserving swallowtails*, pp. 345-357, 2 figs., 2 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology.* Gainesville, Scientific Publishers. [general]
- Collins, Steve C.**  
2017. See Sahoo, S. K. et al., 2017.  
2018. See Sahoo, R. K. et al., 2018.
- Colmenares, Enrique**  
1935. See Lamas, J. M. & E. Colmenares, 1935.
- Colomer, Jean-François**  
2010. See Vigneron, J.-P. et al., 2010.
- Colorado, Sindy J.**

2012. See Brochero, C. E. et al., 2012.
- Colzani, Emilio**  
2017. See Roque, F. de O. et al., 2017.
- Combe, Isaías Domingo** [1916-1985]  
1947. Lista de los principales insectos dañinos a las plantas útiles que han sido determinados en el Perú por el Departamento de Entomología. En español e inglés. *Divulgación agrícola. Estación experimental agrícola de La Molina* (Lima) 9: 1-54 (August) [general; host plants]  
1965. *Insectos de las hortalizas y su control*, pp. 138-148. In: Becerra, J., *Horticultura I*. Lima, Universidad Agraria. iv + 181 pp., figs., tabs., graphs. [*Pieris monuste* (Linnaeus), *P. protodice* Boisduval & Le Conte, *Urbanus proteus* (Linnaeus); host plants; Peru]
- Cómbita-Chivatá, José Luis**  
2019. See Moreno-Mancilla, O. F. et al., 2019.
- Comellini, André** [1920-2001]  
1971. *Liste d'identification des entomophages. 8*. Genève, Organisation Internationale de Lutte Biologique Contre les Animaux et les Plantes Nuisibles (OILB). 64 pp. [general; parasitoids]
- Comes, Raúl A.**  
2018. See Poffo, D. A. et al., 2018.
- Common, Ian Francis Bell** [1917-2006]  
1964. See Beier, M.W. P. et al., 1964.
- Comstock, John Adams** [1883-1970]  
1920. Butterflies of California. *Bulletin of the Southern California Academy of Sciences* 19(3): 48, pl. 1 (July) [*Callicore euclides* (Latreille), *Papilio oedippus* Felder, *Catagramma denina* Hewitson; Colombia]  
1927a. Protective coloration and mimicry. *Bulletin of the Southern California Academy of Sciences* 26(1): 1-4, pls. 1-2 (13 May) [general; South America]  
1927b. *Butterflies of California. A popular guide to a knowledge of the butterflies of California embracing all of the 477 species and varieties at present recorded for the state*. Los Angeles, Author. 334 pp., 63 + 6 pls., figs. [general; Mexico]  
1948. The larva and pupa of *Eumaeus debora* Hbn. *Bulletin of the Southern California Academy of Sciences* 47(1): 3-5, pl. 3 (20 July) [general; host plants; Neotropics]  
1953. Collecting butterflies in the coastal area of Mexico near Manzanillo, Colima, with notes on the life history of a rare skipper. *Bulletin of the Southern California Academy of Sciences* 52(2): 43-45, pls. 8-9 (29 September) [general; ecology; *Timochares ruptifasciatus* (Plötz); host plant; egg, larva, pupa]  
1954. Life history notes on *Ascia monuste crameri*. *Bulletin of the Southern California Academy of Sciences* 53(1): 46-49, pl. 10 (30 April) [egg, larva, pupa; host plants; Mexico]  
1955. Miscellaneous notes on North American Lepidoptera. *Bulletin of the Southern California Academy of Sciences* 54(1): 30-35, pls. 13-15 (4 May) [general; ecology; host plant; *Heliconius charitonius vazquezae* W. P. Comstock and Brown: egg; Mexico]  
1957. Notes on the metamorphosis of an agave-boring butterfly from Baja California, Mexico. *Transactions of the San Diego Society of natural History* 12(13): 263-276, pl. 22 (1 May) [*Megathymus comstocki* Harbison; host plant; behavior; egg, larva, pupa; parasitoids]  
1959. Butterfly collecting in the Mexican tropics. *Lepidopterists' News* 12(3/4): 127-129 (26 January) [general]  
1964. The larva and pupa of *Agathymus dawsoni* (Lepidoptera: Megathymidae). *Transactions of the San Diego Society of natural History* 13(8): 169-172, 2 figs. (14 February) [host plant; morphology; Mexico]  
[1967]. An additional food plant record for *Papilio thoas autocles* R. & J. *Journal of Research on the Lepidoptera* 5(4): 220 ("December 1966", [before 14 November 1967]) [Mexico]
- Comstock, John Adams, and Roy O'Neal Kendall**  
1967. Life history of *Gesta gesta invisus* (Lepidoptera: HesperIIDae). *Transactions of the San Diego Society of natural History* 14(18): 233-236, 1 fig. (18 August) [host plants; egg, larva, pupa; Neotropics]
- Comstock, John Adams, and Leonila Vázquez**  
1961. Estudios de los ciclos biológicos en lepidópteros mexicanos. *Anales del Instituto de Biología de México* 31(1/2): 349-448, 54 figs. ("1960", 17 April 1961) [general]
- Comstock, William Phillips** [1880-1956]  
1912. Note on Lycaenidae. *Journal of the New York entomological Society* 20(2): 140 (June) [repeated in 20(3): 198 (September)] [*Thecla, Morpho*; behavior; Panama]  
1914. Erycinidae and Lycaenidae from the island of Trinidad. *Journal of the New York entomological Society* 22(2): 152-154 (June) [general]  
1941a. See Bell, E. L. & W. P. Comstock, 1941.  
1941b. See Johnson, F. & W. P. Comstock, 1941.  
1942a. *Papilio lavina* [sic], Fabricius and Cramer. *Journal of the New York entomological Society* 50(2): 190-191 (16 June) [general; Surinam]  
1942b. The Monarch butterfly. *Journal of the New York entomological Society* 50(2): 213 (16 June) [*Danaus plexippus* (Linnaeus); distribution; classification; Brazil, West Indies]  
1942c. The genera of the Systema Glossatorum of Fabricius (Lepidoptera). *Bulletin of the Brooklyn entomological Society* 37(2): 46-49 (30 June) [general]  
1942d. The name *Biblis*, generic and specific (Lepidoptera, Rhopalocera, Nymphalidae). *Bulletin of the Brooklyn entomological Society* 37(3): 89-90 (27 August) [general]  
1942e. Nymphalidae of the Antilles (Lepidoptera, Rhopalocera). *Journal of the New York entomological Society* 50(3): 283-288 (5 October) [general; new subspecies: *Colobura dirce clementi*, *C. d. avinoffi*, *C. d. wolcottii*]  
1943a. The genus *Ascia* in the Antilles (Lepidoptera: Pieridae). *American Museum Novitates* 1229: 1-7 (5 May) [general; new name: *A. (Ganyra) josephina paramaryllis*]  
1943b. Notes on the subgenus *Glutophrissa*, genus *Appias* (Lepidoptera, Pieridae). *American Museum Novitates* 1238: 1-6, 2 figs. (9 July) [general; new subspecies: *A. (G.) drusilla boydi*; Neotropics]  
1944. Insects of Puerto Rico and the Virgin Islands. Rhopalocera or butterflies. *Scientific Survey of Porto Rico and the Virgin Islands* 12(4): 419-622, 12 pls., 29 figs., tabs. (12 October) [general; new subspecies: *Dryas iulia juncta*, *Euptoieta hegesia watsoni*, *Phoebis (P.) argante martini*, *Urbanus dorantes cramptoni*, *Achlyodes papinianus minor*, *Atalopedes mesogramma apa*; life histories; behavior; zoogeography]  
1948a. Modification of veins in the wings of the genus *Anaea*. *Journal of the New York entomological Society* 56(1): 75 (24 April) [general]  
1948b. See Bell, E. L. & W. P. Comstock, 1948.  
1952. See Brown, F. M. & W. P. Comstock, 1952.  
1953. See Rindge, F. H. & W. P. Comstock, 1953.  
1961. *Butterflies of the American tropics. The genus Anaea. Lepidoptera Nymphalidae. A study of the species heretofore included in the genera Anaea, Coenophlebia, Hypna, Polygrapha, Protogonius, Siderone and Zaretis*. New York, American Museum of Natural History. xiii + 214 pp., 30 pls., 250 figs. [general; host plants; eggs, larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; paleontology; new taxa: *A. (Memphis) evelina*, *A. (M.) austrina*, *A. (M.) glaucone alicia*, *A. (M.)*

- xenocles carolina*, *A. (M.) bella*, *A. (M.) annetta*, *A. (M.) morvus boisduvali*, *A. (M.) m. leonila*, *A. (M.) m. cauna*, *A. (M.) leonida editha*, *A. (M.) eleanora*; Neotropics]
- Comstock, William Phillips, and Frederick Martin Brown**  
1950. Geographical variation and subspeciation in *Heliconius charitonius* Linnaeus (Lep.: Nymphalidae). *American Museum Novitates* 1467: 1-21, 3 figs., 4 tabs. (16 October) [general; new subspecies: *H. c. ramsdeni*, *H. c. churchi*, *H. c. tuckeri*, *H. c. vazquezae*, *H. c. bassleri*; Neotropics]
- Comstock, William Phillips, and Edgar Irving Huntington**  
1943. Lycaenidae of the Antilles. *Annals of the New York Academy of Sciences* 45(2): 49-130, pl. 1, 2 figs., 3 tabs. (29 December) [general; new taxa: *Eumaeus atala grayi*, *Thecla acis petioni*, *T. a. bartrami*, *T. a. casasi*, *T. a. gossei*, *T. angelia pantoni*, *T. a. boyeri*, *T. maesites clenchi*, *T. simaethis jago*, *T. celida shoumatoffi*, *T. celida aibonito*, *T. bubastus ponce*, *T. columella arecibo*, *T. antiqua*, *T. toussainti*, *T. christophei*, *Leptotes cassius chadwicki*, *Hemiargus ammon bethune-bakeri*, *H. a. noeli*, *H. a. woodruffi*, *H. bornoi*, *H. hanno watsoni*; zoogeography]
1950. Origins and relationships of Mexican and Antillean Papilionoidea (Lepidoptera). *Anales del Instituto de Biología de México* 20(1/2): 385-391 ("1949", 10 January 1950) [general]
- 1959-64. An annotated list of the Lycaenidae (Lepidoptera, Rhopalocera) of the Western Hemisphere. *Journal of the New York entomological Society* 66(3/4): 103-118 (24 March 1959); 67(2): 59-95 (24 August 1959), (3/4): 163-212 (30 December 1959); 68(1): 49-62 (17 March 1960), (2): 105-122 (24 May 1960), (3): 176-186 (20 September 1960), (4): 232-240 (12 January 1961); 69(1): 54-58 (March 1961), (2): 105-118 (June 1961), (3): 157-176 (September 1961), (4): 191-200 (December 1961); 70(1): 39-46 (14 March 1962), (2): 100-118 (1 June 1962), (3): 177-179 (21 September 1962); 71(1): 45-57 (21 March 1963), (2): 115-119 (21 June 1963), (3): 189-197 (30 August 1963), (4): 262-264 (23 December 1963); 72(1): 62-64 (18 March 1964), (2): 120-130 (26 June 1964), (3): 173-192 (8 October 1964) [general]
- Comte, Joseph Achille** [1802-1866]  
1854. *Musée d'Histoire Naturelle comprenant La Cosmographie - La Géologie - La Zoologie - La Botanique*. Paris, Gustave Havard. [4] + iv + 272 pp., frontisp., pls. [general]
- Conant, Gavin C.**  
2015. See Edger, P. P. et al., 2015.
- Concha, Carolina**  
2017. See Mazo-Vargas, A. et al., 2017.
- Concha, Carolina, Richard W. R. Wallbank, Joseph J. Hanly, Jennifer Fenner, Luca Livraghi, Edgardo Santiago Rivera, Daniel F. Paulo, Carlos Francisco Arias, Marta Vargas, Manu Sanjeev, Colin R. Morrison, David Tian, Paola Ahuirre, Sabrina Ferrara, Jessica Foley, Carolina Pardo-Díaz, Camilo Andrés Salazar, Mauricio Linares, Darli Massardo, Brian A. Counterman, Maxwell J. Scott, Christopher David Jiggins, Riccardo Papa, Arnaud Martin and William Owen McMillan**  
2019. Interplay between developmental flexibility and determinism in the evolution of mimetic *Heliconius* wing patterns. *Current Biology* 29(23): 3996-4009, 7 figs. (2 December) [general; Central and South America]
- Concha-Bloomfield, Isabel, and Luis Eduardo Parra**  
2006. Análisis cualitativo y cuantitativo de la diversidad de mariposas de la Estación Biológica Senda Darwin, Chiloé, X Región, Chile. *Gayana* (Concepción) 70(2): 186-194, 5 figs., 2 tabs. (December) [general]
- Conconi, Mariángela**  
2006. See Ramos, J. et al., 2006.
- Condamine, Fabien L.** [1985- ]  
2015. See Lewis, D. S. et al., 2015.  
2016. See Chazot, N. et al., 2016c.  
2017. See Owens, H. L. et al., 2017.
- Condamine, Fabien L., Benoit Nabholz, Anne-Laure Clamens, Julian Rowe Dupuis and Felix A. H. Sperling**  
2018. Mitochondrial phylogenomics, the origin of swallowtail butterflies, and the impact of the number of clocks in Bayesian molecular dating. *Systematic Entomology* 43(3): 460-480, 6 figs., 4 tabs. (July; published online 23 February) [general; Papilionidae]
- Condamine, Fabien L., Karina Lucas Silva-Brandão, Gael J. Kergoat and Felix A. H. Sperling**  
2012. Biogeographic and diversification patterns of Neotropical Troidini butterflies (Papilionidae) support a museum model of diversity dynamics for Amazonia. *BMC evolutionary Biology* 12(82): 1-16, 4 figs. (12 June) [general]
- Condamine, Fabien L., Felix A. H. Sperling and Gael J. Kergoat**  
2013. Global biogeographical pattern of swallowtail diversification demonstrates alternative colonization routes in the Northern and Southern hemispheres. *Journal of Biogeography* 40(1): 9-23, 4 figs. (January; published online 19 October 2012) [Papilionidae]
- Condamine, Fabien L., Felix A. H. Sperling, Niklas Wahlberg, Jean-Yves Rasplus and Gael J. Kergoat**  
2012. What causes latitudinal gradients in species diversity? Evolutionary processes and ecological constraints on swallowtail biodiversity. *Ecology Letters* 15(3): 267-277, 5 figs. (March; published online 18 January) [Papilionidae; biogeography]
- Condie, Susan M.**  
1976. Some notes on the biology and behavior of three species of Lepidoptera (Satyridae: Brassoliniinae) on non-economic plants in Costa Rica. *Tebawi* 3: 1-28, 20 figs., 4 tabs. (1 December) [*Caligo memnon cachi* Joicey & Kaye, *C. atreus dionysos* Fruhstorfer, *Opsiphanes tamarindi sikyon* Fruhstorfer]
- Condon, Martha Ann** [1952- ], and **Lawrence Edmund Gilbert**  
1990. *Reproductive biology and natural history of the neotropical vines Gurania and Psiguria*, pp. 150-166, 2 figs. In: Bates, D., R. W. Robinson & C. Jeffrey (Eds.), *Biology and utilization of the Cucurbitaceae*. Ithaca, Cornell University Press. [*Heliconius*; pollination]
- Cong, Qian**  
2014. See Shiraiwa, K. et al., 2014.  
2015a. See Shen, J. et al., 2015.  
2015b. See Anken, R. H. et al., 2015.  
2017a. See Janzen, D. H. et al., 2017.  
2017b. See Zhang, J. et al., 2017.  
2017c. See Shen, J. et al., 2017.  
2019a. See Li, W. et al., 2019.  
2019b. See Zhang, J. et al., 2019a.  
2019c. See Zhang, J. et al., 2019b.  
2019d. See Zhang, J. et al., 2019c.  
2019e. See Diring, L. et al., 2019.  
2019f. See Zhang, J. et al., 2019d.
- Cong, Qian, Dominika Borek, Zbyszek Otwinowski and Nick V. Grishin**  
2015a. Tiger swallowtail genome reveals mechanisms for speciation and caterpillar chemical defense. *Cell Reports* 10: 910-919, 5 figs., 2 tabs. (12 February) [*Heliconius melpomene* (Linnaeus)]  
2015b. Skipper genome sheds light on unique phenotypic traits and phylogeny. *BMC Genomics* 16(639): 1-13, 5 figs., 1 tab. (27 August) [*Lerema accius* (Smith)]
- Cong, Qian, and Nick V. Grishin**

2014. A new *Hermeuptychia* (Lepidoptera, Nymphalidae, Satyrinae) is sympatric and synchronic with *H. sosybius* in southeast US coastal plains, while another new *Hermeuptychia* species – not *hermes* – inhabits south Texas and northeast Mexico. *ZooKeys* 379: 43-91, 70 figs., 1 tab. (12 February) [*H. intricata*, *H. hermybius*; Neotropics]
- Cong, Qian, Jinhui Shen, Dominika Borek, Robert Kanner Robbins, Paul Alexander Opler, Zbyszek Otwinowski and Nick V. Grishin**
- 2017a. When COI barcodes deceive: complete genomes reveal introgression in hairstreaks. *Proceedings of the royal Society of London (B)* 284(1848)(20161735): 1-9, 1 tab., 3 figs. (8 February) [*Calycopis isobeon* (Butler & Druce), *C. quintana* (Johnson), *C. bactra* (Hewitson); Mexico, Belize, Costa Rica]
- Cong, Qian, Jinhui Shen, Dominika Borek, Robert Kanner Robbins, Zbyszek Otwinowski and Nick V. Grishin**
- 2016b. Complete genomes of hairstreak butterflies, their speciation, and nucleo-mitochondrial incongruence. *Scientific Reports* 6(24863): 1-15, 8 figs., 2 tabs. (published online 28 April) [general; Neotropics]
- Cong, Qian, Jinhui Shen, Wenlin Li, Dominika Borek, Zbyszek Otwinowski and Nick V. Grishin**
- 2017b. The first complete genomes of metalmarks and the classification of butterfly families. *Genomics* 109(5/6): 485-493, 4 figs., 1 tab. (October; published online 28 July) [general; systematics; Neotropics]
- Cong, Qian, Jinhui Shen, Andrew David Warren, Dominika Borek, Zbyszek Otwinowski and Nick V. Grishin**
- 2016a. Speciation in cloudless sulphurs gleaned from complete genomes. *Genome Biology and Evolution* 8(3): 915-931, 6 figs., 3 tabs. (March; published online 6 March) [general]
- Cong, Qian, Jing Zhang, Jinhui Shen and Nick V. Grishin**
2019. Fifty new genera of Hesperidae (Lepidoptera). *Insecta Mundi* 731: 1-56, 13 figs., 1 tab. (11 October) [new taxa: Falgna, Apaustina, *Flattoides*, *Viuria*, *Clytius*, *Incisus*, *Perus*, *Livida*, *Festivia*, *Hoodus*, *Anaxas*, *Chiothion*, *Crenda*, *Santa*, *Canesia*, *Bralus*, *Ladda*, *Zetka*, *Turmosa*, *Mielkeus*, *Coolus*, *Daron*, *Barrolla*, *Brownus*, *Tava*, *Rigga*, *Haza*, *Dubia*, *Pares*, *Chitta*, *Artonia*, *Lurida*, *Corra*, *Fidius*, *Veadda*, *Tricrista*, *Viridina*, *Alychna*, *Ralis*, *Testia*, *Buzella*, *Vernia*, *Lon*; Neotropics]
- Congi, Rodrigo**
2019. See Cosmo, L. G. et al., 2019.
- Connahs, Heidi**
2005. See Stireman, J. O., III et al., 2005.
- 2009a. See Grinter, C. C. et al., 2009.
- 2009b. See Greeney, H. F. et al., 2009a.
- Connahs, Heidi, Annette Aiello, Sunshine A. Van Bael and Genoveva Rodríguez**
2011. Caterpillar abundance and parasitism in a seasonally dry versus wet tropical forest of Panama. *Journal of tropical Ecology* 27(1): 51-58, 2 figs. (January; published online 17 December 2010) [general; host plants]
- Conniff, Richard**
2011. *The species seekers. Heroes, fools, and the mad pursuit for life on earth*. New York, W. W. Norton & Company Ltd. xii + 464 pp., figs. [general; history; Neotropics]
- Connor, William E.**
2006. See Wang, Y. et al., 2006.
- Connor, William E., Yingming Wang, Mike Green and Don S. Lin**
2006. Effects of diet and metamorphosis upon the sterol composition of the butterfly *Morpho peleides*. *Journal of Lipid Research* 47(7): 1444-1448, 2 figs., 4 tabs. (July; published online 31 March) [host plant; Belize, Costa Rica]
2008. See Lenza, E. et al., 2008.
2015. See Matias, R. & H. Consolaro, 2015.
2017. See Sigrist, M. R. et al., 2017.
- Constantino, Emilio**
1989. See Vélez, J. H. & E. Constantino, [1989].
2016. *Un llamado a la conservación*, pp. 118-129, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; Colombia]
- Constantino, Luis Miguel [1962- ]**
1992. *Paradulcedo*, a new genus of Satyrinae (Nymphalidae) from western Colombia. *Journal of the Lepidopterists' Society* 46(1): 44-53, 22 figs., 1 tab. (15 July)
- 1993a. See Salazar, J. A. & L. M. Constantino, 1993.
- 1993b. Notes on *Haetera* from Colombia, with description of the immature stages of *Haetera piera* (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 4(1): 13-15, 5 figs. ("30 July", [30 August]) [egg, larva, pupa, imago; host plant]
1994. *Mariposas diurnas (Lepidoptera-Rhopalocera) de la vertiente del Pacífico del departamento del Valle del Cauca, Colombia, con énfasis en las cuencas de los ríos Calima, Dagua y Anchicayá*, pp. 129-156. In: Fundación Herencia Verde, *Investigación y conservación en el bosque pluvial del bajo Anchicayá. Informe técnico de Avance*. Cali. [general]
- 1995a. Revisión de la tribu Haeterini Herrich-Schäffer, 1864 en Colombia (Lepidoptera: Nymphalidae, Satyrinae). *Shilap* 23(89): 49-76, 55 figs., 1 tab., 1 map (30 March) [new subspecies: *Cithaeris pireta magdalenensis*, *C. p. cliffoni*, *Pierella hyalina schmidtii*, *P. h. velezii*]
- 1995b. See Salazar, J. A. & L. M. Constantino, 1995a.
- 1995c. See Salazar, J. A. & L. M. Constantino, 1995b.
- [1995]d. Diversidad, cría y conservación de mariposas del Pacífico colombiano. *Memorias. I Congreso nacional sobre Biodiversidad* (Cali), pp. 161-168, 4 tabs. [general]
- 1996a. See Prieto, A. V. & L. M. Constantino, 1996.
- 1996b. Ciclos de vida y plantas hospederas de lepidópteros diurnos con potencial económico en condiciones de colinas bajas del Chocó biogeográfico, pp. 75-86, 1 tab. In: *Memorias. II Seminario. Investigación y Manejo de Fauna para la Construcción de Sistemas Sostenibles*. Cali. [general; Colombia]
- 1997a. See Prieto, A. V. et al., 1997.
- 1997b. *Guía para la cría de mariposas*. Cali, Fundación Herencia Verde. viii + 18 pp., figs., 1 tab. [general; host plants; Colombia]
- 1997c. See Ortega, O. E. & L. M. Constantino, 1997a.
- 1997d. Lepidópteros diurnos del Chocó biogeográfico: Diversidad, alternativas productivas sostenibles y estrategias de conservación. *Memorias. XXIV Congreso de Entomología. Sociedad colombiana de Entomología*, pp. 47-74, 3 pls., 4 tabs. [general; host plants; Colombia]
- 1997e. See Johnson, K. D. & L. M. Constantino, 1997.
- 1997f. See Salazar, J. A. et al., 1997.
- 1997g. Natural history, immature stages and hostplants of *Morpho amathonte* from western Colombia (Lepidoptera: Nymphalidae: Morphinae). *Tropical Lepidoptera* 8(2): 75-80, 6 figs., 1 tab. (23 December) [general]
- 1997h. Conocimiento de los ciclos de vida y plantas hospederas de lepidópteros diurnos de Colombia como estrategia para el manejo, uso y conservación de poblaciones silvestres. *Seminario. Aconteceres entomológicos* (Medellín), pp. 57-89, 1 fig., 2 tabs. [general]
- 1997i. See Ortega, O. E. & L. M. Constantino, 1997b.
- 1998a. Butterfly life history studies, diversity, ranching and conservation in the Chocó rain forests of Western

- Colombia (Insecta: Lepidoptera). *Shilap* 26(101): 19-39, 1 tab. (30 March) [general]
- 1998b. See Salazar, J. A. et al., 1998.
- 1998c. *Estado actual de algunas poblaciones de mariposas diurnas en Colombia*, pp. 354-360, 1 tab. In: Chaves, M. E. & N. Arango (Eds.), *Informe nacional sobre el estado de la biodiversidad. Colombia. 1997. Tomo I. Biodiversidad biológica*. Bogotá, Instituto Alexander von Humboldt [general; distribution; conservation]
- 1999a. Nuevas especies, subespecies y un nuevo género de ropalóceros del occidente de Colombia (Lepidoptera: Papilionidae, Nymphalidae, Charaxinae, Ithomiinae, Heliconiinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 3: 57-68, 17 figs. (September) [*Memphis juliani*, *Megoleria* (new genus) *susiana sandra*, *Parides eurimedes emilius*, *Philaethria dido chocoensis*]
- 1999b. See Prieto, A. V. et al., 1999.
2000. See Salazar, J. A. & L. M. Constantino, 2000.
- 2001a. See Willmott, K. R. et al., 2001.
- 2001b. See Salazar, J. A. & L. M. Constantino, 2001a.
- 2001c. See Salazar, J. A. & L. M. Constantino, 2001b.
- 2002a. See Le Crom, J. F. et al., 2002.
- 2002b. See García-Robledo, C. A. et al., 2002.
2003. See Bálint, Z. et al., 2003.
2004. See Le Crom, J. F. et al., 2004.
2005. See Valencia, C. A. et al., 2005.
- 2006a. Redescubrimiento de *Heliconius weymeri submarginatus*, 98 años después de su aparente extinción y estudio de un complejo mimético con *Heliconius hecuba crispus* en el occidente de Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 10: 183-197, 8 figs., 1 tab., 1 map (November)
- 2006b. See Palacios, M. & L. M. Constantino, 2006.
- 2006c. Biocomercio sostenible de insectos: Estado actual, perspectivas y dificultades del mercado en Colombia con especial referencia en Coleoptera y Lepidoptera. *Memorias. XXXIII Congreso Sociedad Colombiana de Entomología*, pp. 35-49, 6 tabs. [general]
- 2007a. See Ramírez, L. et al., 2007.
- 2007b. See Salazar, J. A. & L. M. Constantino, 2007.
2008. See Salazar, J. A. et al., 2008.
2009. Errata etimológica. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 225 (after 10 July) [*Hesperocharis nambii* Lamas, Constantino & Solarte; Colombia]
- 2010a. See Bálint, Z. et al., 2010.
- 2010b. See Salazar, J. A. et al., 2010a.
- 2010c. See Rodríguez, G. et al., 2010.
2011. See Rodríguez, G. et al., 2011.
2012. See Vitale, F. & L. M. Constantino, 2012.
- [2015]. See Salazar, J. A. et al., [2015].
2016. Análisis morfológicos, moleculares y biogeográficos en la validación de nuevas especies y resolución de problemas taxonómicos en Lepidoptera. *Memorias. Congreso Sociedad Colombiana de Entomología – Socolen* 43: 208-231, 5 figs., 1 tab. (July) [general]
2019. See Salazar, J. A. et al., 2019.
- Constantino, Luis Miguel, and Germán Corredor**
2004. The biology and morphology of the early stages of *Morpho macrophthalmus* and *Morpho peleides telamon* (Nymphalidae: Morphinae) from Western Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 201-209, 1 pl., 1 tab. (November) [eggs, larvae, pupae; host plants; behavior]
- Constantino, Luis Miguel, Zulma Nancy Gil and Germán Corredor**
2005. Estudio del polimorfismo cromático en *Laparus doris obscurus* y determinación de la frecuencia fenotípica mediante cruzamientos intraespecíficos de tres poblaciones en el Departamento del Valle y Caldas. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 222-237, 3 figs., 3 tabs. (November) [life history; host plant; behavior; predator; parasitoids; mimicry]
- Constantino, Luis Miguel, and Magda Johana Hurtado**
2009. Descripción de una nueva subespecie de *Prepona pylene* (Hewitson, 1854) del Municipio de Timbiquí, Cauca, Colombia. (Lepidoptera: Nymphalidae: Charaxinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 153-159, 6 figs. (after 10 July) [*P. p. timbiquiensis*]
- Constantino, Luis Miguel, and Kurt Duane Johnson**
1997. A new species of the *Eumaeus toxana*/*E. toxea* clade from Tepuí's [sic] in the Amazon basin of Colombia. *Revista de Theclinae colombianos* 1(8): [ii] + 1-10, 2 figs. (15 August) [*E. sara*]
- Constantino, Luis Miguel, and Gabriel Rodríguez**
2009. *Pierella helvina amalfi*, una nueva subespecie de la Cordillera Central de Antioquia, Colombia (Lepidoptera: Nymphalidae: Satyrinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 176-184, 8 figs., 1 map (after 10 July) [Nicaragua, Costa Rica, Panama, Ecuador]
- Constantino, Luis Miguel, and Julián Adolfo Salazar**
- 1998a. Natural hybridization [sic] of *Heliconius cydno* Doubleday from Western Colombia (Lepidoptera: Nymphalidae: Heliconiinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 2: 41-45, 1 pl. (June)
- 1998b. Descripción de nuevas especies, subespecies y nuevos registros de ropalóceros para Colombia (Lepidoptera: Lycaenidae, Riodinidae, Nymphalidae, Charaxinae, Satyrinae, Morphinae). *Shilap* 26(104): 197-205, 10 figs. (30 December) [*Lamasa centralis*, *Penaincisalia paramosa*, *Calospila callaghani*, *Archaeoprepona licomedes pacifica*, *Polygrapha cyanea silvaorum*]
2007. Ilustración de tipos en ropalóceros colombianos recientemente descritos (Lepidoptera: Nymphalidae, Lycaenidae y Riodinidae) con notas sobre su estatus taxonómico. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 11: 334-359, 74 figs. (November) [general]
2010. A review of the *Philaethria dido* species complex (Lepidoptera: Nymphalidae: Heliconiinae) and description of three new sibling species from Colombia and Venezuela. *Zootaxa* 2720: 1-27, 42 figs., 1 tab. (13 December) [new taxa: *P. browni*, *P. romeroi*, *P. neildi*, *P. n. winhard*, *P. neildi tachiraensis*, *P. dido panamensis*, *P. andrei orinocensis*, *P. ostara araguensis*, *P. o. meridensis*, *P. pygmalion metaensis*; Central and South America]
- [2013]. Descripción de una nueva especie de *Megaleas* Godman, 1901 para Colombia (Lepidoptera: Hesperidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 16(2): 246-249, 3 figs. ("December 2012", [May 2013]) [*M. chocoensis*]
- Constantino, Luis Miguel, Julián Adolfo Salazar and Gabriel Rodríguez**
2012. Contribución al conocimiento de las especies de *Argyrogrammana* Strand, 1932 de Colombia (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 16(1): 273-288, 24 figs. ("January-June"; after December) [general; new subspecies: *A. leptographia magdalanae*]
- [2013]. Estudio sobre el género *Ancyluris* Hübner, 1819 en Colombia y descripción de nuevos taxa (Lepidoptera [sic]: Riodinidae). *Museo de Historia natural. Universidad de Caldas* 16(2): 209-235, 50 figs., 2 maps ("December 2012", [May 2013]) [new taxa: *A. inca caucaensis*, *A. aulestes*]

- callaghani*; distribution]
- Constantino, Luis Miguel, Julián Adolfo Salazar and Kurt Duane Johnson**  
1993. *Theorema sapho* (Staudinger) and two unusual new species of Theclinae from Colombia (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History. University of Wisconsin (Stevens Point)* 41: [i-ii], 1-5, pl. 1, figs. 1-2 (13 December) [*Denivia saphonota*, *Atlides browni*]
- Constantino, Luis Miguel, José Ignacio Vargas and Julián Adolfo Salazar**  
2013. Descripción de nuevas especies y subespecies de Hesperiiidae (Lepidoptera: Gryphocera [sic]). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(1): 258-267, 5 figs. (June) [*Panoquina neblina*, *Carystina mielkei*, *Tisias putumayo*, *Lychnuchoides sebastiani*, *Myscelus belti caucaensis*; Colombia]
- Constantino, Mauricio Gomes**  
2008. See Ambrósio, S. R. et al., 2008.
- Constantino, Pedro de Araújo Lima**  
[2014]a. See Santos, J. P. dos et al., [2014]a.  
[2014]b. See Santos, J. P. dos et al., [2014]b.  
[2014]c. See Santos, J. P. dos et al., [2014]c.  
[2014]d. See Santos, J. P. dos et al., [2014]d.
- Conte, Gina L., Matthew L. Arnegard, Catherine L. Peichel and Dolph Schuler**  
2012. The probability of genetic parallelism and convergence in natural populations. *Proceedings of the royal Society of London (B)* 279(1749): 5039-5047, 2 figs. (22 December; published online 17 October) [*Heliconius*]
- Contreras, Andrés Oscar**  
2008. *Lista preliminar ilustrada y atlas biogeográfico de especies y subespecies de la familia Pieridae y Papilionidae (Lepidoptera) presentes en el Departamento de Ñeembucú, República del Paraguay. Incluye notas bioecológicas y distribucionales.* Pilar, Universidad Nacional de Pilar. 74 pp., figs., maps, graphs [general]
- Contreras, Andrés Oscar, and Julio Rafael Contreras**  
2007. Lista preliminar de especies de la familia Nymphalidae [sic] (Papilionoidae [sic]) en el Departamento de Ñeembucú. Sudoeste de la Región Oriental, República del Paraguay. *Las Ciencias* (Buenos Aires) 1: 61-65 (October) [also in *Ciencias. Universidad Maimónides* 1(1): 67-71 (August 2008)] [general]
- 2010a. Aportes sobre *Fountainea glycerium cratais* (Hewitson, 1874) (Lepidoptera: Nymphalidae) y su "oruga enrolladora de la hoja del urucurá" (Euforbiaceae [sic]) en el Ñeembucú, sudoeste del Paraguay oriental. *Azariana* (A) 1(14): 124-134, figs., 1 map, 1 graph [larva, pupa; host plant; distribution; behavior]
- 2010b. La subfamilia Apaturinae (Lepidoptera: Nymphalidae) en la ecoregión [sic] del Ñeembucú y en el Paraguay oriental. *Azariana* (A) 1(19): 181-204, figs., maps, graphs [general; distribution; behavior]
- 2010c. Presencia del género *Vanessa* Fabricius, 1807 (Lepidoptera: Nymphalidae), en la ecoregión del Ñeembucú y en el Paraguay oriental. *Azariana* (A) 1(20): 205-224, figs., maps, graphs [general; distribution; behavior]
- 2010d. Presencia del género *Hamadryas* Hübner, 1825 (Lepidoptera: Nymphalidae: Biblidinae), en la ecoregión del Ñeembucú y en el resto del Paraguay oriental. *Azariana* (A) 1(21): 225-242, figs., maps, graphs [general; distribution; behavior]
- 2010e. Aportes sobre *Dircenna dero celtina* Burmeister, 1878 (Lepidoptera: Nymphalidae) en el Ñeembucú, sudoeste del Paraguay oriental. *Azariana* (A) 1(22): 243-254, figs., maps, 1 graph [larva, pupa; host plants; distribution; behavior]
- Contreras, Julio Rafael** [1933-2017]  
2007. See Contreras, A. O. & J. R. Contreras, 2007.  
2010a. See Contreras, A. O. & J. R. Contreras, 2010a.  
2010b. See Contreras, A. O. & J. R. Contreras, 2010b.  
2010c. See Contreras, A. O. & J. R. Contreras, 2010c.  
2010d. See Contreras, A. O. & J. R. Contreras, 2010d.  
2010e. See Contreras, A. O. & J. R. Contreras, 2010e.
- Contreras, Yasmin, Vilma Savini and José Alejandro Clavijo**  
2013. Morfología extrema y quetotaxia de la larva de *Brassolis sophorae* (Lepidoptera: Nymphalidae: Brassoliniinae). *Entomotropica* 28(2): 173 (August) [abstract]
- Contreras-Balderas, Armando J.**  
2008. *Morpho polyphemus* (Lepidoptera: Papilionoidea: Morphinae): A new record from Zacatecas, Mexico. *Southwestern Naturalist* 53(4): 537-538, 1 fig. (December)
- Contreras-Balderas, Armando J., and Andrew David Warren**  
2006. *Cercyonis pegala texana* (Lepidoptera: Nymphalidae: Satyrinae): New record for the state of Coahuila, Mexico. *Southwestern Naturalist* 51(4): 552-553, 1 fig. (December)
- Contreras-Garduño, Jorge**  
2009. See Córdoba-Aguilar, A. et al., 2009.  
2016. See Covarrubias-Camarillo, M. T. de J. et al., 2016.
- Contreras-Medina, David Israel**  
2017. See Vázquez-Elorza, A. et al., 2017.
- Contreras-Medina, Raúl**  
2014. See Matus-Vicente, D. A. & R. Contreras-Medina, 2014.
- Contreras-Medina, Raúl, Carlos A. Ruiz-Jiménez and Isolda Luna**  
[2004]. Caterpillars of *Eumaeus childrenae* (Lepidoptera: Lycaenidae) feeding on two species of cycads (Zamiaceae) in the Huasteca region, Mexico. *Revista de Biología tropical* 51(1): 201-203, 1 fig. ("March 2003", [January 2004]) [larva; host plant]
- Convey, Peter**  
1989. See Bond, R. et al., 1989.  
1990. Butterflies of the Paria Peninsula, NE Venezuela. *British Journal of Entomology and natural History* 3(4): 167-171, 2 tabs. (October) [general]
- Cook, Laurence M.** [1935- ]  
1967. See Brower, L. P. et al., 1967.  
1969. An experiment on selection for mimicry. *Entomologist* 102(1272): 107-113, 1 fig., 4 tabs. (15 May) [Heliconiinae, Ithomiinae, *Parides anchises* (Linnaeus); Trinidad]  
1972. See Suomalainen, E. et al., 1972.  
1973. See Suomalainen, E. et al., 1973.  
1978. Zaire butterflies and faunal diversity in the tropics. *Biological Journal of the Linnean Society* 10(3): 349-360, 2 figs., 5 tabs. ([11] September) [general; ecology; mimicry; biogeography]  
2008. Diversity and evenness from sequential sightings. *Insect Conservation and Diversity* 1(4): 263-265, 1 tab. (November; published online 29 September) [general; Ecuador]  
2010. See Myler, R. & L. M. Cook, 2010.
- Cook, Laurence M., and Lincoln Pierson Brower**  
1969. Observations on polymorphism in two species of heliconiine butterflies from Trinidad, West Indies. *Entomologist* 102 (1273): 125-128, 2 tabs. (17 June) [*Heliconius doris* (Linnaeus), *H. isabella* (Cramer)]
- Cook, Laurence M., Lincoln Pierson Brower and John Alcock**  
1969. An attempt to verify mimetic advantage in a neotropical environment. *Evolution* 23(2): 339-345, 8 tabs. (27 June) [*Parides anchises* (Linnaeus), *P. neophilus* (Hübner); Trinidad]
- Cook, Laurence M., Kenneth Frank and Lincoln Pierson Brower**



1971. Experiments on the demography of tropical butterflies. I. Survival rate and density in two species of *Parides*. *Biotropica* 3(1): 17-20, 1 fig., 3 tabs. (June) [*P. anchises* (Linnaeus), *P. neophilus* (Hübner); Trinidad]
- Cook, Laurence M., Eleanor W. Thomason and Allen Marcus Young**
1976. Population structure, dynamics and dispersal of the tropical butterfly *Heliconius charitonius*. *Journal of Animal Ecology* 45(3): 851-863, 2 pls., 3 figs., 6 tabs. (October) [ecology; behavior; Costa Rica]
- Cook, Melville Thurston** [1869-1952]
1906. *Informe del Departamento de Patología Vegetal*, pp. 147-207, pls. 23-29. In: *Primer Informe Anual de la Estación Central Agronómica de Cuba*. La Habana, Imprenta Papelería Universal de Ruiz y Hermano. (1 June) [general; Cuba]
- Cook, Melville Thurston, and William Titus Horne**
- 1908a. Insects and diseases of the orange. *Bulletin. Estación central agronómica de Cuba* (Santiago de las Vegas) 9: 1-44, 19 pls. (February) [simultaneous Spanish edition] [*Papilio andraemon* Hübner, *P. thoas* Linnaeus; life histories; Cuba]
- 1908b. Insects and diseases of vegetables. *Bulletin. Estación central agronómica de Cuba* (Santiago de las Vegas) 12: 1-31, 8 pls. (May) [*Pieris monuste* (Linnaeus), *Papilio polyxenes* Fabricius; life histories; Cuba]
- Cook, Peyton**
1990. See Wells, H. et al., 1990.
- Coolidge, Karl Rafinesque** [1890-1964]
1908. *Terias mexicana* Bdv. in Northern Colorado. *Entomological News* 19(3): 135 ([5] March) [Mexico]
1922. The life history of *Lerodea eufala* Edwards (Lepidoptera, Hesperidae). *Entomological News* 33(10): 305-309 ([11] December) [egg, larva, pupa; behavior; Central America, Antilles]
- Cooper, Isabel**
1924. The lesser creatures of the jungle. *Brazilian American* (Rio de Janeiro) 11(262): [91]-[97], 5 figs. (1 November) [general; Brazil]
- Cooper, Linda F.**
2009. See Hardy, D. H. et al., 2009.
- Coote, Lonny D.**
2002. *CITES Identification Guide - Butterflies*. [In Chinese]. Taipei, Environment Canada/TRAFFIC East Asia. [4] + v + 160 pp., figs., maps. [*Papilio homerus* Fabricius; Jamaica]
- Cooter, J.**
1983. A few insects from Montserrat, West Indies. *Entomologist's Record and Journal of Variation* 95(9/10): 185-186 (15 September) [*Anartia jatrophae* (Linnaeus)]
- Coppinger, Raymond Parker** [1937- ]
1969. The effect of experience and novelty on avian feeding behavior with reference to the evolution of warning coloration in butterflies. Part I. Reactions of wild-caught adult blue jays to novel insects. *Behaviour* 35(1/2): 45-60, pl. 1, 12 tabs. [general; Trinidad]
1970. The effect of experience and novelty on avian feeding behavior with reference to the evolution of warning coloration in butterflies. II. Reactions of naive birds to novel insects. *American Naturalist* 104(938): 323-335, 1 fig., 6 tabs. (July-August) [general; Trinidad]
- Coppinger, Richard William** [1847-1910]
1883. *Cruise of the "Alert." Four years in Patagonian, Polynesian, and Mascarene waters. (1878-82.)* London, W. Swan Sonnenschein and Co. xv + 256 pp., frontisp., 16 pls., 1 fig. [general]
- Coral-Acosta, Nathali, and Jairo Pérez-Torres**
2017. Diversidad de mariposas diurnas (Lepidoptera: Papilionoidea) asociadas a un agroecosistema cafetero de sombra (Curití, Santander). *Revista colombiana de Entomología* 43(1): 91-99, 6 figs., 1 tab. (30 June) [general; Colombia]
- Corbara, Bruno**
2005. See Schmidl, J. & B. Corbara, 2005.
- Corbet, Alexander Steven** [1896-1948]
1940. The identity of the Fabrician species *Papilio sphinx* and *Papilio hylax*. *Entomologist* 73(931): 275-277 (December) [*Papilio dindymus* Cramer; Surinam]
1941. The Linnaean names of Indo-Australian Rhopalocera. Part 2. *Proceedings of the royal entomological Society of London* (B) 10(2): 17-27 (15 February) [*Talides sinon* (Cramer)]
1945. The Linnaean names of Indo-Australian Rhopalocera. Part 4. The Chinese butterflies in the Linnaean Collection, obtained by Peter Osbeck in 1751. *Proceedings of the royal entomological Society of London* (B) 14(7/8): 91-94 (30 August) [misidentifications of Chinese for Neotropical butterflies]
1948. Papers on Malaysian Rhopalocera. V. The conspecificity of the American *Precis lavinia* (Cramer) with the Oriental *Precis orithya* (Linnaeus). *Entomologist* 81(1018): 54-56, 8 figs. (19 March)
1949. The Linnaean names of Indo-Australian Rhopalocera. Part 7. Summary of determinations. *Proceedings of the royal entomological Society of London* (B) 18(9/10): 191-199 (17 October) [Papilio; Brazil]
- Corbin, Chris**
2017. See Mann, F. et al., 2017.
- Cordeiro-Estrela, Pedro**
2011. See Jorge, L. do R. et al., 2011.
- Cordero, Carlos Rafael**
1994. See Benrey, B. et al., 1994.
1996. The courtship behavior of *Callophrys xami* (Lycaenidae). *Journal of Research on the Lepidoptera* 32: 99-106, 1 fig. (1 May) [Mexico]
1997. Why do some male *Callophrys xami* (Lycaenidae) shift their territories? *Journal of the Lepidopterists' Society* 51(4): 295-303, 1 fig., 2 tabs. (29 December) [behavior; Mexico]
1988. See Soberón, J. et al., 1988.
- 2000a. Is spermatophore number a good measure of mating frequency in female *Callophrys xami* (Lycaenidae)? *Journal of the Lepidopterists' Society* 53(4): 169-170, 1 fig. (22 June) [Mexico]
- 2000b. Trade-off between fitness components in males of the polygynous butterfly *Callophrys xami* (Lycaenidae): the effect of multiple mating on longevity. *Behavioral Ecology and Sociobiology* 48(6): 458-462, 1 tab. (November) [Mexico]
2002. Matings without spermatophore transfer and with transfer of two spermatophores in *Callophrys xami* (Lycaenidae). *Journal of the Lepidopterists' Society* 56(2): 106-108, 1 tab. (30 April) [Mexico]
2005. The evolutionary origin of *signa* in female Lepidoptera: natural and sexual selection hypotheses. *Journal of theoretical Biology* 232(3): 443-449, 3 figs. (7 February; published online 17 November 2004) [general]
2008. See Galicia, I. et al., 2008.
2011. See Sánchez, V. et al., 2011.
2012. See Caballero, N. & C. R. Cordero, 2012.
2013. See Caballero, N. & C. R. Cordero, 2013.
2014. See Sánchez, V. & C. R. Cordero, 2014.
2015. See López-Palafox, T. G. et al., 2015.
2017. See López-Palafox, T. G. & C. R. Cordero, 2017.
2019. See Novelo, E. et al., 2019.

**Cordero, Carlos Rafael, and Jorge Enrique Llorente**

2000. *Los Arthropoda de México: Algunas comparaciones*, pp. 95-101, 5 figs., 2 tabs. In: Llorente, J. E., E. González & N. Papavero (Eds.), *Biodiversidad, Taxonomía y biogeografía de artrópodos de México: Hacia una síntesis de su conocimiento*. México, Universidad Nacional Autónoma de México. 2. (April) [Hesperioidea]

**Cordero, Carlos Rafael, Rogelio Macías and Gabriela Jiménez**

2000. The number of copulations of territorial males of the butterfly *Callophrys xami* (Lycaenidae). *Journal of Research on the Lepidoptera* 35: 78-89, 3 tabs. (15 March) [Mexico]

**Cordero, Carlos Rafael, and Jorge Soberón**

1990. Non-resource based territoriality in males of the butterfly *Xamia xami* (Lepidoptera: Lycaenidae). *Journal of Insect Behavior* 3(6): 719-732, 6 figs., 3 tabs. [Mexico]

**Cordero, Roberto J.**

1999. See Cave, R. D. & R. J. Cordero, 1999.

**Córdoba, Claudia**

[2004]. See Díazgranados, M. et al., [2004].

**Córdoba, Jim**

[2012]. Diversidad de mariposas (Lepidoptera: Papilionidae, Pieridae, Nymphalidae) en Mansiones de Montes de Oca, San José, Costa Rica. *Brenesia* (San José) 75/76: 121-123 ("March-September 2011", [before 9 August 2012]) [general]

2013. See Murillo, L. R. & J. Córdoba, 2013.

**Córdoba, Jim, and Daniel Gómez**

2017. Early stages of *Morpho amathonte* (Lepidoptera: Nymphalidae, Morphinae) and its variation on the Pacific coast of Costa Rica. *Revista peruana de Biología* 24(2): 151-154, 1 fig. (published online 20 July) [egg, larva, pupa; host plant]

**Córdoba, Jim, and Luis Ricardo Murillo**

2011. Presencia y distribución de dos sub-especies de *Eurema agave* (Lepidoptera, Pieridae) en Costa Rica. *Revista peruana de Biología* 18(1): 133-134, 1 fig. (September; published online 23 June) [*E. a. agave* (Cramer), *E. a. millerorum* Llorente & Luis]

2013. The first record of the butterfly *Memphis d. dia* (Lepidoptera: Nymphalidae, Charaxinae) in Costa Rica. *Revista peruana de Biología* 19(3): 327-328, 1 fig. ("December 2012", [April] 2013; published online 15 January 2013)

2014. Early stages and natural history of *Memphis perenna lankesteri* butterfly (Nymphalidae, Charaxinae) from Costa Rica with the first published female pictures. *Annual Research & Review in Biology* 4(1): 154-162, 3 figs. (4 October) [larva, pupa, imago; host plant; behavior]

**Córdoba-Aguilar, Alejandro**

2007. See Martínez-Lendech, N. et al., 2007.

2016. See Sánchez-Guillén, R. A. et al., 2016.

**Córdoba-Aguilar, Alejandro, Karla Nájera-Cordero, Martín Alejandro Serrano-Meneses, Miguel Ángel Moreno-García, Jorge Contreras-Garduño, Humberto Lanz-Mendoza and Juan Rull**

2009. Sexual dimorphism in immunity: A test using insects (Coleoptera, Diptera, Lepidoptera, Odonata). *Odonatologica* 38(3): 217-234, 1 fig., 2 tabs. (1 September) [*Callophrys xami* (Reakirt), *Heliconius ismenius* Latreille; Mexico]

**Cordova, Milton Omar**

2016. See Souza, C. S. de et al., 2016.

**Córdova-Athanasiadis, Milagros**

2017. See López-Gutiérrez, S. et al., 2017.

2018. Peralta-Cisneros, J. M. et al., 2018.

**Córdova-Lara, Iván**

2019. See Lara-Pérez, L. A. et al., 2019.

**Corea, Eugenio, and Isidro Adolfo Chacón**

1984. Descripción y observaciones preliminares del comportamiento y habitat de una nueva subespecie de *Morpho polyphemus* (Lepidoptera: Morphinae) de Costa Rica. *Brenesia* (San José) 22: 183-188, 1 fig., 1 tab. (September) [*M. p. catalina*]

**Corke, David**

1995. *Panoquina panoquinoides eugeon* Skinner (Lepidoptera: Hesperidae [sic]) from the Windward Islands, Lesser Antilles. *British Journal of Entomology and natural History* 8(4): 161-164, 3 figs. (October)

**Corkery, Robert W., and Eric C. Tyrode**

2017. On the colour of wing scales in butterflies: iridescence and preferred orientation of single gyroid photonic crystals. *Interface Focus* 7(4)(20160154): 1-16, 10 figs. (6 August; published online 16 June) [*Parides sesostris* (Cramer), *Cyanophrys acaste* (Prittwitz), *Chalybs hassan* (Stoll); morphology]

**Cornelissen, Tatiana**

2019. See Henriques, N. R. et al., 2019.

**Cornelissen, Tatiana Garabini, Fernanda Cristina Franco Cintra and Jean Carlos Santos**

2016. Shelter-building insects and their role as ecosystem engineers. *Neotropical Entomology* 45(1): 1-12, 3 figs., 1 tab. (February; published online 2 December 2015) [general; *Anaea*; Brazil]

**Cornette, Raphaël**

2016. See Chazot, N. et al., 2016a.

**Cornwall, Mark**

2015. See Espeland, M. et al., 2015.

**Corona, Irais Esther**

2012. See Ángel, A. L. et al., 2012.

**Corona, María de los Ángeles, Ali Abadallan Guzmán, Miriam Jiménez, Paola Grisel Pérez, Víctor Eugenio Ponce and Bety Nallely Vargas**

2012. *Insectos holometábolos (Coleoptera, Lepidoptera, Diptera e Hymenoptera) en tres localidades de Jungapeo, Michoacán*, pp. 517-523, 6 figs., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(1). México, Sociedad mexicana de Entomología. [general; Mexico]

**Corona-López, Angélica María**

2015. See Orozco-Ibarrola, O. A. et al., 2015.

**Corona-López, Angélica María, Roxana Acosta and Juan José Morrone**

2005. *Estudios biogeográficos en insectos de la Zona de Transición Mexicana*, pp. 241-255, 11 figs. In: Llorente, J. E. & J. J. Morrone (Eds.), *Regionalización biogeográfica en Iberoamérica y tópicos afines. Primeras Jornadas Biogeográficas de la Red Iberoamericana de Biogeografía y Entomología Sistemática (RIBES XII.I-CYTED)*. México, D.F., Universidad Nacional Autónoma de México (April) [*Rhetus arcus thia* (Morisse), *R. a. beutelspacheri* Llorente; Mexico]

**Coronado, James**

2015. See Basset, Y. et al., 2015.

2017. See Basset, Y. et al., 2017.

**Coronado, Luz**

1965. See Rotger, B. et al., 1965.

**Coronado-Blanco, Juana María**

2005. See Ruiz-Cancino, E. et al., 2005.

2012. See Niño-Maldonado, S. et al., 2012.

2017. Visita al mariposario Yeé Lo Beé y entrevista con un socio fundador. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) 3(2): 44-46, figs. (August) [general; Mexico]

- 2019a. See Cham, A. K. et al., 2019.
- 2019b. See Rodríguez, W. D. et al., 2019.
- Corrales, Jorge F.**
1996. *Las mariposas Heliconius de Costa Rica*. Heredia, Instituto Nacional de Biodiversidad. 34 pp., figs., 14 maps [general; host plants; distribution]
1999. *Mariposas comunes. Area de Conservación Tempisque. Costa Rica*. Heredia, Instituto Nacional de Biodiversidad. 116 pp., figs., 1 map (December) [general; host plants; behavior]
- Corrales, Jorge F., and Lucía Chaverri**
1997. *Mariposas*. Heredia, Instituto Nacional de Biodiversidad. [5] + 21 pp., figs. [general; Costa Rica]
- Corral-López, Alberto**
2016. See Outomuro, D. et al., 2016.
- Corrêa, Claudine de Abreu**
1996. See Moreira, G. R. P. et al., 1996.
- Corrêa, Claudine de Abreu, Bruno Edgar Irgang and Gilson Rudinei Pires Moreira**
2001. Estrutura floral das angiospermas usadas por *Heliconius erato phyllis* (Lepidoptera, Nymphalidae) no Rio Grande do Sul, Brasil. *Iheringia (Zoologia)* 90: 71-84, 42 figs., 2 tabs. (25 May) [ecology; behavior]
- Corrêa, Danilo do Carmo Vieira**
2014. See Cunha, W. L. da et al., 2014.
- Corrêa, Elaine Cristina**
2017. See Roque, F. de O. et al., 2017.
- Correa, Hebelin**
2007. See Claro, R. A. et al., 2007.
- Correa, Juan Carlos, and Albert Schwartz**
1986. The status of *Calisto hysius batesi* (Lepidoptera, Satyridae) with description of a new species of *Calisto* from Hispaniola. *Florida Scientist* 49(1): 11-18, 2 figs. (before 13 May) [*C. aleucosticha*]
- Correa, Melba del Rocío**
- [2018]. See Vásquez, J. et al., [2018].
- Correa, Melba del Rocío, and Joel Vásquez**
2007. *El maravilloso mundo de las mariposas. Manual de manejo*. Iquitos, Instituto de Investigaciones de la Amazonía Peruana. 50 pp., figs. (December; published online 4 April 2014) [general; host plants; Peru]
- Corrêa-[Ferreira], Beatriz Spalding**
1977. See Panizzi, A. R. et al., 1977.
1981. See Villas Boas, G. L. et al., 1981.
1979. Incidência de parasitas em lagartas da soja. *Anais. I Seminario nacional de Pesquisas de Soja* (Londrina) 2: 79-91, 6 figs., 1 tab. [*Urbanus proteus* (Linnaeus); host plant; parasitoid; Brazil]
1981. See Gazzoni, D. et al., 1981.
- Corredor, Germán**
2004. See Constantino, L. M. & G. Corredor, 2004.
2005. See Constantino, L. M. et al., 2005.
2010. See Millán, C. et al., 2010.
- Corseuil, Elio [1930- ]**
1956. Ensaio laboratorial de contrôle a *Synchlœe autodice* (Hübner, 1818). *Revista da Faculdade de Agronomia e Veterinária da Universidade do Rio Grande do Sul* 1(3): 51-56, 2 figs., 2 tabs. (December) [Brazil]
1962. Ensaio laboratorial de polvilhações para contrôle de lagartas em couve. *Revista da Faculdade de Agronomia e Veterinária da Universidade do Rio Grande do Sul* 5(3): 165-176, 1 fig., 4 tabs., 3 graphs (October) [*Ascia monuste orseis* (Godart); Brazil]
1998. See Teston, J. A. & E. Corseuil, 1998.
1999. See Teston, J. A. & E. Corseuil, 1999.
- 2000a. See Teston, J. A. & E. Corseuil, 2000a.
- 2000b. See Teston, J. A. & E. Corseuil, 2000b.
2001. See Teston, J. A. & E. Corseuil, 2001.
2002. See Teston, J. A. & E. Corseuil, 2002.
2003. See Di Mare, R. A. et al., 2003.
- 2004a. See Quadros, F. do C. et al., 2004.
- 2004b. See Di Mare, R. A. & E. Corseuil, 2004a.
- 2004c. See Di Mare, R. A. & E. Corseuil, 2004b.
- 2004d. See Di Mare, R. A. et al., 2004.
2005. See Quadros, F. do C. et al., 2005.
2006. See Teston, J. A. et al., 2006.
- 2008a. See Teston, J. A. & E. Corseuil, 2008a.
- 2008b. See Teston, J. A. & E. Corseuil, 2008b.
- 2008c. See Teston, J. A. & E. Corseuil, 2008c.
- 2008d. See Quadros, F. do C. et al., 2008.
2011. See Fronza, E. et al., 2011.
- Corseuil, Elio, and Fernando Zanotta da Cruz**
1975. Insetos nocivos à cultura do trigo no Rio Grande do Sul. *Revista da Faculdade de Agronomia. Universidade federal do Rio Grande do Sul* 1(1): 19-28. [*Euptoieta hortensia* (Blanchard); Brazil]
- Corseuil, Elio, Felipe do Canto Quadros, José Augusto Teston and Alfred Moser**
2004. Borboletas (Lepidoptera, Papilionoidea e Hesperioidea) coletadas no Centro de Pesquisas e Conservação da Natureza Pró-Mata. 4: Lycaenidae. *Divulgações do Museu de Ciências e Tecnologia* (Porto Alegre) 9: 65-70, 3 figs. (December) [general; Brazil]
- Corseuil, Elio, and Terezinha Lermen da Silva**
1971. Efeito de baixa temperatura no desenvolvimento de *Ascia monuste orseis* Godart, 1818 [sic] (Lep., Pierididae). *Agro-nomia sulriograndense* (Porto Alegre) 7(2): 191-196, 2 figs., 1 tab. [Brazil]
- Corso, Gabriela, and Malva Isabel Medina Hernández**
2012. Borboletas frugívoras da Mata Atlântica no Parque Estadual Serra do Tabuleiro, Santa Catarina, Brasil. *Biotemas* (Florianópolis) 25(4): 139-148, 1 fig., 2 tabs. (December) [general; Nymphalidae]
- Corso, Gilberto**
2015. See Lima, L. L. F. de et al., 2015.
- Corso, Ivan Carlos**
1981. See Gazzoni, D. et al., 1981.
1982. *Teste de inseticidas para o controle de Chlosyne lacinia saundersii* [sic] (*Doubleday*) Hewtson [sic], 1849, pp. 21-22, 1 tab. *In: Resultados de Pesquisa de Girassol*. 1982. Londrina, Empresa Brasileira de Pesquisa Agropecuária (September) [host plant; Brazil]
1983. *Teste de inseticidas para o controle de Chlosyne lacinia saundersii* [sic] (*Doubleday*) Hewtson [sic], 1849, pp. 9-11, 2 tabs. *In: Resultados de Pesquisa de Girassol*. 1983. Londrina, Empresa Brasileira de Pesquisa Agropecuária (August) [host plant; Brazil]
- Corso, Ivan Carlos, and Flávio Moscardi**
1981. *Teste de inseticidas para controle da lagarta do girassol*, pp. 19-21, 1 tab. *In: Resultados de Pesquisa de Girassol*. 1981. Londrina, Empresa Brasileira de Pesquisa Agropecuária (September) [*Chlosyne lacinia saundersii* (Doubleday); host plant; Brazil]
- Cortadi, Adriana**
2012. See Rodríguez, X. et al., 2012.
- Cortés, Paulina**
2014. See Bolaños, S. I. et al., 2014.
- Cortés, Raúl Eduardo [1915-2001]**
1948. Sobre algunos taquípidos chilenos y sus huéspedes. *Revista universitaria. Universidad católica de Chile* 33(1): 119-125. [*Tatochila mercedis* (Blanchard), *Pyrameis carye* (Hübner); parasitoids]
1950. Principales plagas de la agricultura en Chile. *Revista*

- universitaria. Universidad católica de Chile* 35(1): 199-206 (after 30 July) [*Colias vauthierii* Guérin; host plant]
1951. Plagas entomológicas de la fruticultura en Chile. *Folleto misceláneo. Oficina de Estudios especiales. Secretaría de Agricultura y Ganadería* (México) 4: 169-178 (October) [*Colias vauthierii* Guérin; host plants]
1979. Introducción de nuevas plagas de los cultivos. *Idesia* (Arica) 5: 299-308 (June) [*Pieris brassicae* (Linnaeus); host plant; Chile]
- Cortés, Raúl Eduardo, and Ricardo Isla**  
1964. Estudio analítico de las plagas entomológicas de la agricultura en Chile. *Revista universitaria. Universidad católica* (Santiago) 49: 113-119, 6 tabs. [Lycaeninae, Hesperidae]
- Cortez, Miguel R.**  
1975. See Mancía, J. E. & M. R. Cortez, 1975.
- Corti, Walter Robert, and Walter Linsenmaier**  
1964. *Butterflies and moths*. New York, The Odyssey Press. 45 pp., figs. [general; morphology; host plants; behavior; ecology; mimicry; Neotropics]
- Corvino, Joseph M.**  
1967. See Brower, L. P. et al., 1967.
- Cosmo, Leandro Giacobelli, Eduardo de Proença Barbosa and André Victor Lucci Freitas**  
2014. Biology and morphology of the immature stages of *Hermoeptychia atalanta* (Lepidoptera: Nymphalidae: Satyrinae). *Annales de la Société entomologique de France* (N.S.) 50(1): 82-88, 3 figs. (published online 26 March) [egg, larva, pupa, imago; host plants; Brazil]
- Cosmo, Leandro Giacobelli, André Rangel Nascimento, Rodrigo Cogni and André Victor Lucci Freitas**  
2019. Temporal distribution in a tri-trophic system associated with *Piper amalago* L. in a tropical seasonal forest. *Arthropod-Plant Interactions* 13(4): 647-652, 1 fig., 2 tabs. (August; published online 22 February) [*Memphis acidalia* (Hübner), *Heraclides*, *Quadrus*; host plant; Brazil]
- Cossolin, Jamile Fernanda**  
2018. See Martínez, L. C. et al., 2018.
- Cosson, Emmanuel**  
2008. See Michel, F. et al., 2008.
- Costa, Adhemar Adherbal da**  
1936. Morphideos do Distrito Federal. *Rodriguesia* (Rio de Janeiro) 2(6): 213-237, [1] + 10 figs. (September-December) [general; life histories; Brazil]  
1937. Estudando os morphideos. *Chácaras e Quintaes* (São Paulo) 55(6): 706-708, 6 figs. (15 June) [general; life histories; Brazil]
- Costa, Ana Carolina Galindo da, and Isabel Cristina Sobreira Machado**  
2017. Pin-monomorphism in *Palicourea crocea* (SW.) Roem & Schult. (Rubiaceae): reproductive traits and role of floral visitors. *Brazilian Journal of Botany* 40(4): 1063-1070, 9 figs., 1 tab. (December; published online 8 July) [*Heliconius erato phyllis* (Fabricius); Brazil]
- Costa, Clara**  
2006. See Costa, M. & C. Costa, 2006.
- Costa, Cristiana Barros Nascimento**  
2006. See Colaço, M. Â. da S. et al., 2006.  
2007. See Souza, E. B. de et al., 2007.
- Costa, Dalbert Benjamin da**  
2008. See Murta, A. de F. et al., 2008.
- Costa, Ervandil Corrêa**  
2001. See Viana, T. M. B. & E. C. Costa, 2001.  
2010. See Roman, M. et al., 2010.  
2019. See Fleck, M. D. & E. C. Costa, 2019.
- Costa, Fabiano de Mello, Ana Paula de Silva Loffredo, Helena Caroline Onody and Carlos Roberto Sousa-Silva**  
2009. Utilização da serologia na identificação de *Ascia monuste orseis* (Latreille, 1819) [sic] (Lepidoptera: Pieridae). *Acta Scientiarum. Biological Sciences* (Maringá) 31(2): 149-151, 1 fig., 2 tabs. (June) [Brazil]
- Costa, Felipe André Ponce de Leon da**  
1999. New records of larval hostplants for Ithomiinae butterflies (Nymphalidae). *Revista brasileira de Biologia* 59(3): 455-459, 1 tab. (10 November) [general; Brazil]  
2002. Borboletas Ithomiinae (Lepidoptera, Nymphalidae) da Reserva Biológica do Poço d'Anta (Juiz de Fora - MG). *Revista brasileira de Zoociências* 4(1): 143-149, 1 tab. (June) [general; Brazil]  
2009. Duration of molt in a Neotropical butterfly (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 41: 77-79, 1 fig., 1 tab. (31 January) [*Hypothyris ninonia daeta* (Boisduval); host plant; Brazil]
- Costa, Felipe André Ponce de Leon da, and Arlindo Gomes-Filho**  
2002. Using body length measurements to study larval growth: A lepidopteran example. *Neotropical Entomology* 31(2): 177-180, 1 fig. (April-June) [*Hypothyris ninonia daeta* (Boisduval); host plants; Brazil]
- Costa, James T.**  
1999. See Fitzgerald, T. D. & J. T. Costa, 1999.
- Costa, James T., and Naomi E. Pierce**  
1997. *Social evolution in the Lepidoptera: ecological context and communication in larval societies*, pp. 407-442, 3 figs., 2 tabs. In: Choe, J. C. & B. J. Crespi (Eds.), *The evolution of social behavior in insects and arachnids*. Cambridge, Cambridge University Press. [general]
- Costa, Jane**  
2018. See Passos, G. de A. G. et al., 2018.
- Costa, Janira Martins** [1941-2018]  
2000. See Otero, L. S. et al., 2000.
- Costa, Joana Cristina Evangelista**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Costa, João E. da**  
1999. See Soares, A. et al., 1999.
- Costa, Juan José, Aurelio Emilio Margheritis and Samuel Lamdan**  
1952. Contribución al estudio del Clordane 1068. Su química y su poder insecticida. *Idia* (Buenos Aires) 56: 2-32, figs., tabs. (August) [*Colias lesbia* (Fabricius); Argentina]
- Costa, Leila Cristina da**  
2012. See Schmidt, D. G. et al., 2012.
- Costa, Luiz Gonzaga da Silva**  
1998. See Piratelli, A. J. et al., 1998.
- Costa, Lindenbergh Veiga Navarro da**  
1995. See Varela-Freire, A. A. et al., 1995.
- Costa, Maura Brito de Oliveira**  
2007. See Lemos, W. de P. et al., 2007.
- Costa, Mauro**  
2004. See Bollino, M. & M. Costa, 2004.  
2007. See Bollino, M. & M. Costa, 2007.  
2010. See Attal, S. & M. Costa, [2010].  
2012. See Bálint, Z. & M. Costa, 2012.  
2015a. See Viloria, Á. L. et al., 2015.  
2015b. See Blandin, P. et al., 2015.  
2017. See Bollino, M. & M. Costa, 2017.  
2019a. See Viloria, Á. L. & M. Costa, 2019.  
2019b. See Benmesbah, M. et al., 2019.
- Costa, Mauro, and Clara Costa**  
2006. Presence of *Adelpha seriphia barcantii* Willmott in Venezuela, and notes on other species of the genus (Lepidoptera: Nymphalidae). *Entomotropica* 21(1): 65-68, 2 figs. (April) [general]

- Costa, Mauro, and Andrés Miguel Orellana**  
2002. Presence of *Pterourus xanthopleura* (Salvin & Godman) in Venezuela: New record for the country (Lepidoptera: Papilionidae). *Lambillionea* 102(1)(2): 85-87, 2 figs. (March)
- Costa, Mauro, Ángel Luis Viloria, Stéphane Attal, Mohamed Benmesbah, Steven A. Fratello and Zsolt Bálint**  
2019b. Lepidoptera from the Pantepui. Part VII. A distinctive *Lamprospilus* species from the Guiana Highlands (Lepidoptera: Lycaenidae: Theclinae). *Opuscula zoologica* (Budapest) 50(2): 111-128, 46 figs. (9 August) [*L. ayawi*; Venezuela, Guyana]
- Costa, Mauro, Ángel Luis Viloria, Stéphane Attal, Andrew Frederic Edwyn Neild, Steven A. Fratello and Mohamed Benmesbah**  
2019c. Lepidoptera del Pantepui. Parte VIII. Nuevos Nymphalidae (Charaxinae y Satyrinae) y Riodinidae (Riodininae). *Anartia* 29: 20-48, 46 figs., 1 tab. (published online 23 December) [new taxa: *Memphis paulus clarae*, *Stalachtis halloweeni miranda*, *Forsterinaria chaniorum*, *Euptychia sarah*; Venezuela, Guyana]
- Costa, Mauro, Ángel Luis Viloria, Stéphane Attal, Andrew Frederic Edwyn Neild, Steven A. Fratello, Curtis John Callaghan and Jean-Yves Gallard**  
2017. Lepidoptera del Pantepui. Parte IV. Nuevos Riodinidae Riodininae y Pieridae Pierinae. *Bulletin de la Société entomologique de France* 122(3): 269-286, 46 figs., 1 tab. (18 September) [*Pirascuca hanneri*, *Melanis dulcis*, *Melete leucadia reyi*; Venezuela, Guyana]
- Costa, Mauro, Ángel Luis Viloria, Stéphane Attal, Andrew Frederic Edwyn Neild, Steven A. Fratello and Shinichi Nakahara**  
2016. Lepidoptera del Pantepui. Parte III. Nuevos Nymphalidae Cyrestinae y Satyrinae. *Bulletin de la Société entomologique de France* 121(2): 179-206, 42 figs., 1 tab. (14 June) [*Marpesia pantepuiana*, *Huberonympha* (new genus) *neildi*, *Stevenaria* (new genus) *yutajensis*, *S. nakaharai*, *S. divergens* (Butler), *Magneuptychia*; Venezuela, Guyana]
- Costa Mauro, Ángel Luis Viloria, Stéphane Attal, Mohamed Benmesbah, Andrew Frederic Edwyn Neild and Zsolt Bálint**  
2018. Lepidoptera from the Pantepui. Part V. New Lycaenidae (Theclinae: Eumaeinae). *Opuscula zoologica* (Budapest) 49(2): 163-179, 37 figs., 1 tab. (2 November) [*Ocaria faurei*, *Strymon auyana*; Venezuela]
- Costa, Mauro, Ángel Luis Viloria, Stéphane Attal and Andrés Miguel Orellana**  
2014b. Lepidoptera del Pantepui. Parte II. Descripción de nuevos Nymphalidae (Papilionoidea). *Bulletin de la Société entomologique de France* 119(1): 39-52, 23 figs. ([11 March]) [*Archaeogramma* (new genus) *claritae*, *Memphis paulus*; Venezuela]
- Costa, Mauro, Ángel Luis Viloria, Stéphane Attal, Andrés Miguel Orellana and Mohamed Benmesbah**  
2019a. Lepidoptera del Pantepui. Parte VI. Nuevos Hesperidae (Hesperiinae) y Nymphalidae (Limenitidinae y Satyrinae). *Bulletin de la Société entomologique de France* 124(1): 77-102, 54 figs., 1 tab. (March; published online 26 March) [general; new taxa: *Megaleas cervelina*, *Adelpha irmina arcana*, *Pedaliodes parakana*, *Eretris cuaoensis*; Venezuela]
- Costa, Mauro, Ángel Luis Viloria, Otto Huber, Stéphane Attal and Andrés Miguel Orellana**  
[2014]a. Lepidoptera del Pantepui. Parte I: Endemismo y caracterización biogeográfica. *Entomotropica* 28(3): 193-217, 5 figs., 1 tab. ("December 2013"; [2014]) [general; Venezuela, Brazil, Guyana]
- Costa, Misonete Gueidneli Cavalcanti**  
2013. See Rocha, P. L. B. da et al., 2013.
- Costa, Raimundo Nonato Souza**  
2003. See Raimundo, R. L. G. et al., 2003.
- Costa, Ramiro Gomes**  
1937a. *Papilio anchisiades capys* Hübner. *Revista agrônômica* (Porto Alegre) 1(1): 8-11, 4 figs. (January) [life history; Brazil]  
1937b. As principais pragas que são atingidas pelas fumigações com ácido cianídrico. *Boletim. Secretaria de Estado dos Negócios da Agricultura, Indústria e Commercio* (Porto Alegre) 59: 1-20, 23 figs. (October) [Ed. 2, 1947] [*Papilio* spp; Brazil]  
1941-42. Pragas das plantas cultivadas do Rio Grande do Sul. *Revista agrônômica* (Porto Alegre) 5(53/54): 288-290, 4 figs. (May-June), (55): 375-379, 11 figs. (July), (56): 433-437, 11 figs. (August), (57): 489-494, 12 figs. (September), (58): 567-570, 9 figs. (October), (59): 625-628, 5 figs. (November), (60): 717-719, 5 figs. (December 1941); 6(61/62): 3-8, 10 figs. (January-February), (63): 123-131, 16 figs. (March), (64): 193-198, 13 figs. (April), (65): 247-250, 6 figs. (May), (66): 293-298, 11 figs. (June), (67): 367-371, 9 figs. (July), (68): 427-430, 8 figs. (August), (69): 483-486, 4 figs. (September), (70): 567-569, 4 figs. (October), (71): 597-600, 4 figs. (November), (72): 675-678, 4 figs. (December 1942) [Also in *Boletim. Secretaria de Estado dos Negócios da Agricultura, Indústria e Commercio* (Porto Alegre) 103: 1-75, 147 figs.; 1944] [general; life histories; Brazil]  
1958. *Alguns insetos e outros pequenos animais que danificam plantas cultivadas no Rio Grande do Sul*. Porto Alegre, Secretaria da Agricultura, Indústria e Comercio (SIPA) (A) 172: [ii] + 1-296, 182 figs. [general; Brazil]
- Costa, Thiago Vernachi Vieira da**  
2013. See Barbosa, K. V. de C. & T. V. V. da Costa, 2013.
- Costa, Valmir Antonio**  
2017. See Querino, R. B. et al., 2017.
- Costa Filho, Manoel Antonio da Fonseca**  
2010. See Monteiro, R. F. et al., 2010.
- Costa-Neto, Eraldo Medeiros**  
2000. Insetos no cardápio. *Ciência Hoje* 27(161): 63-65, 4 figs. (June) [*Eucheira socialis* Westwood]  
2002. Entomofilatelia: Os insetos na arte filatélica. *Bioikos* (Campinas) 16(1/2): 61-67, 2 tabs. [general; ethnoentomology]  
2004. *Os insetos pelos moradores da Serra da Gibóia, Bahia*. Feira de Santana, Author. 132 pp., figs. [general; ethnoentomology]  
2005a. O uso da imagem de insetos em cartões telefônicos: Considerações sobre uma pequena coleção. *Boletín de la Sociedad entomológica aragonesa* 36: 317-325, 9 figs., 1 tab. (30 April) [general; ethnoentomology; Brazil]  
2005b. Entomotherapy, or the medicinal use of insects. *Journal of Ethnobiology* 25(1): 93-114, 2 tabs. [*Aegiale hesperiaris* (Walker); Mexico]  
2006a. See Pino, J. M. et al., 2006.  
2006b. See Santos, D. et al., 2006.  
2007. See Ramos, J. et al., 2007.
- Coto, Daniel**  
1988. Descripción taxonómica de plagas de importancia agrícola del Orden Lepidoptera. *Manejo integrado de Plagas* 10: 72-110, 46 figs. (December) [*Urbanus proteus* (Linnaeus), *U. procne* (Plötz), *Ascia monuste* (Linnaeus), *Leptophobia aripa* (Boisduval)]
- Coto, Daniel, and Joseph Lloyd Saunders**  
2001. Insectos plaga de la guanábana (*Annona muricata*) en

- Costa Rica. *Manejo integrado de Plagas* 61: 60-68, 4 figs. (September) [*Thecla ortygna* (Cramer); life history; host plant]
2004. *Insectos plagas de cultivos perennes, con énfasis en frutales de América Central*. Turrialba, Centro Agronómico Tropical de Investigación y Enseñanza. xii + 400 pp., figs., 3 tabs. [general; host plants; parasitoids]
- Coto, Daniel, Joseph Lloyd Saunders, Carlos L. Vargas and Andrew B. S. King**
2005. *Plagas invertebradas de cultivos tropicales con énfasis en América Central. Un inventario*. Turrialba, Centro Agronómico Tropical de Investigación y Enseñanza. [9] + 137 + 66 pp. [general; host plants]
- Cott, Hugh Bamford** [1901-1987]
1940. *Adaptive coloration in animals*. London, Methuen. xxxii + 508 pp., 48 pls., 84 figs., 18 tabs. (28 March) [general]
- Cotton, Adam Miles**
2011. See Simonsen, T. J. et al., 2011.
2015. See Lewis, D. S. et al., 2015.
- Cotton, Richard Thomas** [1893-1980]
1919. Insects attacking vegetables in Porto Rico. *Journal of the Department of Agriculture of Porto Rico* 2(4): 265-317, 67 figs. ([before 28 March]) [*Pontia monuste* (Linnaeus); host plants; egg, larva, imago; behavior]
- Cottrell, Christopher Bosworth** [1934- ]
1984. Aphytophagy in butterflies: its relationship to myrmecophily. *Zoological Journal of the Linnean Society* 80(1): 1-57 ([27] January) [general]
- Couloux, Arnaud**
2017. See Nattier, R. et al., 2017.
- Coulson, Robert N.**
- 2019a. See Tracy, J. L. et al., 2019.
- 2019b. See Kantola, T. et al., 2019.
- Coulter, John Wesley** [1893-1967]
1940. La piña. *Publicación agrícola. Oficina de Cooperación agrícola. Unión panamericana* (Washington, D.C.) 134/136: iv + 67 pp., frontisp., 45 figs., 13 tabs. (July) [general]
- Counterman, Brian A.**
2008. See Papa, R. et al., 2008a.
- 2010a. See Baxter, S. W. et al., 2010.
- 2010b. See Quek, S.-P. et al., 2010.
- 2011a. See Reed, R. D. et al., 2011.
- 2011b. See Hines, H. M. et al., 2011.
- 2012a. See Dasmahapatra, K. K. et al., 2012.
- 2012b. See Martin, A. et al., 2012.
- 2013a. See Papa, R. et al., 2013.
- 2013b. See Lavoie, C. A. et al., 2013.
- 2013c. See Supple, M. A. et al., 2013.
2014. See Nadeau, N. J. et al., 2014.
2015. See Supple, M. A. et al., 2015.
- 2017a. See Van Belleghem, S. M. et al., 2017.
- 2017b. See Shaak, S. G. & B. A. Counterman, 2017.
- 2018a. See Van Belleghem, S. M. et al., 2018a.
- 2018b. See Van Belleghem, S. M. et al., 2018b.
- 2019a. See Ray, D. A. et al., 2019.
- 2019b. See Zhang, W. et al., 2019.
- 2019c. See Edelman, N. B. et al., 2019.
- 2019d. See Concha, C. et al., 2019.
- Counterman, Brian A., Félix Araujo-Pérez, Heather M. Hines, Simon Wade Baxter, Clayton M. Morrison, Daniel P. Lindstrom, Riccardo Papa, Laura C. Ferguson, Mathieu Joron, Richard. H. French-Constant, Christopher P. Smith, Dahlia M. Nielsen, Rui Chen, Christopher David Jiggins, Robert D. Reed, Georg Halder, James Louis Borlase Mallet and William Owen McMillan**
2010. Genomic hotspots for adaptation: The population genetics of Müllerian mimicry in *Heliconius erato*. *PLoS Genetics* 6(2)(e1000796): 1-13, 5 figs., 2 tabs. (published online 5 February) [Peru]
- Couri, Márcia Souto** [1956- ], **Jorge Luiz Nessimian, Gabriel Medjalani, Marcela Laura Monné, Sonia Maria Lopes, Maria Cleide de Mendonça, Ricardo Ferreira Monteiro, Sandor Buys and Rachel Alexandre de Carvalho**
2010. Levantamento dos insetos da mata atlântico Estado do Rio de Janeiro. *Arquivos do Museu nacional* (Rio de Janeiro) 67(3/4): 151-154, 1 fig. ("December 2009", 2010) [general; Brazil]
- Cournoyer, James R.**
2007. See Potyrailo, R. A. et al., 2007.
- Courtier-Orgogozo, Virginie**
2013. See Martin, A. & V. (Courtier-)Orgogozo, 2013.
2017. See Martin, A. & V. Courtier-Orgogozo, 2017.
- Courtin, Bernard**
2003. Note sur les *Morpho* de Guyane. Distinction entre *Morpho achilles huebneri* (Le Mout, 1931) et *Morpho helenor helenor* (Cramer, 1775). In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 24, 1 fig. (January) [Ed. 2, October 2007] [French Guiana]
- Courtney, Steven P.**
1985. See Shapiro, A. M. & S. P. Courtney, 1985.
- 1986a. Oviposition by the mistletoe-feeding pierid butterfly *Mathania leucothea* (Mol.) in Chile. *Journal of Research on the Lepidoptera* 24(3): 264-270, 2 figs., 4 tabs. (1 April)
- 1986b. See Shapiro, A. M. & S. P. Courtney, 1986.
- 1986c. The ecology of pierid butterflies: dynamics and interactions. *Advances in ecological Research* 15: 51-131, 12 figs., 3 tabs. [general]
- Courtney, Steven P., and Arthur Maurice Shapiro**
- 1986a. The ecology and behavior of the high Andean butterfly *Hypsochila wagenknechti* (Lepidoptera: Pieridae). *Studies on neotropical Fauna and Environment* 21(3): 169-187, 12 figs., 3 tabs. (January) [life history; Chile, Argentina]
- 1986b. The life history of *Hypsochila wagenknechti wagenknechti*, a scarce butterfly from the Andes of temperate Chile (Lepidoptera: Pieridae). *Journal of the New York entomological Society* 94(4): 531-535, 8 figs. (16 October)
- Courvoisier, Ludwig Georg** [1843-1918]
1910. Entdeckungsreisen und kritische Spaziergänge ins Gebiet der *Lycaeniden*. *Entomologische Zeitschrift* 24(38): 205-209 (24 December) [*Lycaena argiolus gozora* Boisduval]
- Coutinho, João M.**
1960. See Figueiredo, M. B. et al., 1960.
- Coutouné, Mirta Natalia**
2019. See Freitas, A. V. L. et al., 2019c.
- Coutsis, John G.** [1933- ]
1983. Notes concerning certain West Indian butterflies. *Entomologist's Record and Journal of Variation* 95(5/6): 113-114 (15 May) [general]
1986. Male and female genitalia of *Phoebis editha* (Butler): how they differ from Hispaniolan *P. sennae* (Linnaeus) (Pieridae). *Journal of the Lepidopterists' Society* 40(2): 97-106, 6 figs., 2 tabs. (23 October) [morphology]
- Couturier, Guy** [1939- ]
- [1997]. See Vásquez, J. et al., 1997.
2007. See Vásquez, J. et al., [2007].
2008. See Vásquez, J. et al., 2008.
2012. See Vásquez, J. et al., 2012.
- Couturier, Guy, Herminio Inga and Elva Tanchiva**
- [1997]. Insectos plaga del arroz en Loreto, Amazonía peruana. *Revista peruana de Entomología* 39: 131-134, 4 figs. ("December 1996", [18 February 1997]) [*Enosis angularis* Möschler, *Panoquina ocola* Edwards]

**Couturier, Guy, and Francis Kahn**

1992. Notes on the insect fauna on two species of *Astrocaryum* (Palmae, Coccoaceae, Bactridinae) in Peruvian Amazonia, with emphasis on potential pests of cultivated palms. *Bulletin de l'Institut français d'Etudes andines* (Lima) 21(2): 715-725, 6 figs., 1 tab. (10 September) [*Brassolis sophorae* (Linnaeus), *Opsiphanes* sp.; host plants]

**Couturier, Guy, Elva Tanchiva, Herminio Inga, Joel Vásquez and Rita Riva**

- [1997]. Notas sobre los artrópodos que viven en el pijuayo (*Bactris gasipaes* H.B.K.: Palmae) en la Amazonía peruana. *Revista peruana de Entomología* 39: 135-142, 10 figs. ("December 1996", [18 February 1997]) [*Brassolis sophorae* (Linnaeus)]

**Covarrubias, René**

1987. See Herrera, J. V. & R. Covarrubias, 1987.  
1993. See Toro, H. et al., 1993.

**Covarrubias-Camarillo, María Teresita de Jesús, Marcela Osorio-Beristain, Luc Legal and Jorge Contreras-Garduño**

2016. *Baronia brevicornis* caterpillars build shelters to avoid predation. *Journal of natural History* 50(35/36): 2299-2310, 3 figs. (published online 1 July) [behavior; host plant; Mexico]

**Covell, Charles Van Orden, Jr. [1935- ]**

1973. [Book review]. *Bulletin of the entomological Society of America* 19(2): 104 (15 June) [general; Jamaica]  
1980. See Mori, J. R. et al., 1980.  
1981. The Dominican Republic trip. *Kentucky Lepidopterist* 7(3): 1-3, 2 figs. (August) [general]  
1982. Peru '82. *Kentucky Lepidopterist* 8(3): 2-3 (August) [general]  
1983a. Report of the Peru/Ecuador trip. *Kentucky Lepidopterist* 9(2): 1-3 (June) [general]  
1983b. Fantastic Tambopata. *Kentucky Lepidopterist* 9(4): 1-3, 1 map. (November) [general; Peru]  
1983c. *The beauty of butterfly wings. Nature's remarkable mosaics*, pp. 62-79, figs. In: *Encyclopedia Britannica Yearbook of Science and the Future*. Chicago, Encyclopedia Britannica, Inc. [general]  
1984a. Report of the Brazil trip. *Kentucky Lepidopterist* 10(2): 1-2 (April) [general]  
1984b. Report of the Venezuela trip. *Kentucky Lepidopterist* 10(3): 1-2 (August) [general]  
1985a. Editorial miscellany. *Kentucky Lepidopterist* 11(2): 3-4 (June) [general; Ecuador, Galapagos]  
1985b. The state of our knowledge of the Neotropical Sterrhinae (Geometridae). *Journal of Research on the Lepidoptera*, Supplement 1: 17-23 ([after October]) [*Chamaelimnas briola* Bates, *C. villagomes* Hewitson; mimicry]  
1986a. Field news and notes. *Kentucky Lepidopterist* 12(2): 1-3 (June) [general; French Guiana]  
1986b. The Holbrook Field Trips to Latin America, or tramping the tropics with Tom. *News of the Lepidopterists' Society* 1986(4): 54-56 (July-August) [general]  
1986c. Scott, James A. 1986. Butterflies of North America. A natural history and field guide. *Kentucky Lepidopterist* 12(4): 2-3 (October) [book review; Bermuda]  
2006. An interesting new butterfly record for Kentucky. *News of the Lepidopterists' Society* 48(4): 123-124, 1 fig. (1 November) [*Heliconius ismenius* (Latreille)]  
2012. See Miller, J. Y. et al., 2012.

**Covlin, Vern**

2014. See Maes, J.-M. et al., 2014a.

**Cowan, Charles Francis [1912-1988]**

1966. The generic name *Marmessus* Hübner (Lepidoptera). *Annals and Magazine of natural History* (13)9(103/105):

417-418 (29 November) [*Euselasia lisias* (Cramer)]

1968. *Annotationes rhopalocerologicae*. Berkhamsted, Clunbury Press. 20 pp. (29 February) [general; nomenclature]  
1970a. *Hymenitis* [Illiger], 1807 (Insecta, Lepidoptera): Request for suppression under the Plenary Powers. *Bulletin of zoological Nomenclature* 26(5/6): 245-246 (7 April) [general]  
1970b. *Annotationes rhopalocerologicae*. Berkhamsted, Clunbury Press. 70 pp. (15 April) [general; nomenclature; new name: *Aides argyrina*]  
1970c. *Tatura* Butler [1888] (Insecta, Lepidoptera): Request for a ruling on the type-species. Z.N.(S.) 1912. *Bulletin of zoological Nomenclature* 27(1): 63-64 (5 June) [*Thecla lebena* Hewitson; French Guiana]  
1971. The 1857-61 re-issue of Doubleday's Genera. *Journal of the Society for the Bibliography of natural History* 5(6): 477 (April) [bibliographic note]  
1972. Riodinidae (Insecta: Lepidoptera): Plea for protection by Plenary Powers. *Bulletin of zoological Nomenclature* 29(4): 206-208 (29 December) [general]  
1974. Comments supporting the four outstanding requests affecting butterfly generic names (Insecta, Lepidoptera). *Bulletin of zoological Nomenclature* 30(3/4): 133-134 (28 June) [general]  
1975. The *Papilio polyxena* homonyms of 1775. *Entomologist's monthly Magazine* 110(1319-21): 127-128, pl. 4 (21 May) [*Eryphanis automedon* (Cramer); Surinam]  
1977a. Natural History Auctions 1700-1972, a register of sales in the British Isles, compiled by J. M. Chalmers-Hunt. *Entomologist's Gazette* 28(2): 108-114 (26 May) [general; book review]  
1977b. Morphidae (Insecta, Lepidoptera); a request for revision of the official list. *Bulletin of zoological Nomenclature* 34(2): 109-111 (31 August)  
1979. The early family-group names of butterflies. *Entomologist's Record and Journal of Variation* 91(2/3): 61-64 ("February-March", [May]), (6): 146-149 ("June", [September]) [general]  
1980. Morphidae (Insecta, Lepidoptera), a further correction. Z.N. (S)2201. *Bulletin of zoological Nomenclature* 37(3): 134-135 (25 September)  
1983. *Ourocnemis* Baker, 1887 (Insecta, Lepidoptera): Proposed conservation under the Plenary Powers. Z.N.(S.)1687. *Bulletin of zoological Nomenclature* 40(4): 245-247 (30 December)

**Cowan, Frank [1844-1905]**

1865. *Curious facts in the history of insects; including spiders and scorpions. A complete collection of the legends, superstitions, beliefs, and ominous signs connected with insects; together with their uses in medicine, art, and as food; and a summary of their remarkable injuries and appearance*. Philadelphia, J. B. Lippincott & Co. 396 pp. [general]

**Cowham, F. W.**

1916. [A note]. *Proceedings of the South London entomological & natural History Society* 1915-16: 89. [*Oenides phaenicolus* (sic) (Berg), *Colias lesbia* variety *pyrrhothea* (Hübner); Argentina]

**Coxey, William Judson [1887- ]**

1927. Impressions of Ecuador. *Year Book. The Academy of natural Sciences of Philadelphia* 1926: 5-20, 2 pls. [general]  
1932a. Description of a new race of *Eurema gundlachia* Poey from Ecuador (Lepid.: Pieridae). *Entomological News* 43(2): 33 (4 February) [*E. gundlachia* race *morleyi*]  
1932b. Butterflies under the Equator. *Year Book. The Academy of natural Sciences of Philadelphia* 1931: 37-41, 1 pl., 3 figs. [general; Ecuador]

**Coyote-Ávila, Carlos Alfredo**

2019. See Rosas-Echeverría, M. V. et al., 2019.
- Cozzi, Elsa Adela, and Flavio Nicolás Moschione**  
2012. *Guía de flora y fauna en la región de Mina Piriquitas*. Jujuy, Mina Piriquitas. 147 pp., figs., 1 map. [general; Argentina]
- Crabtree, Rose C.**  
1987. See Bowers, M. D. et al., 1987.
- Craig, Brian J.**  
2009. Comment on the proposed establishment of availability of *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, 2001, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of zoological Nomenclature* 66(3): 271-272 (30 September) [Neotropics]
2011. Comments on the proposed establishment of availability of *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, 2001, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of Zoological Nomenclature* 68(3): 210-211 (30 September) [general; Neotropics]
- Crailsheim, Karl** [1950- ]  
2007. See Eberhard, S. H. et al., 2007.
- Cramer, Pieter** [1721-1776]  
1775-80. *De uitlandsche Kapellen voorkomende in de drie Waereld-Deelen Asia, Africa en America. Papillons exotiques des trois parties du monde l'Asie, l'Afrique et l'Amérique*. Amsterdam, S. J. Baalde; Utrecht, Barthelemy Wild and J. Van Schoonhoven & Comp. 1(1/7): i-xxx, 1-16, 1-132, pls. 1-84 ([31 December] 1775), (8): 133-155, pls. 85-96 (1776); 2(9/16): 1-151, pls. 97-192 (1777); 3(17/22): 1-128, pls. 193-264 (1779), (23/24): 129-176, pls. 265-288 (1780); 4(25/26): 1-28, pls. 289-304 (1780) [the title-pages for volumes 1 and 2 were published in 1779; those for volumes 3 and 4 and the frontispiece in 1782; for continuation of the work see Stoll, C., 1780-82] [general; new species: *Papilio liriopae*, *P. lucinda*, *P. erippus*, *P. telemus*, *P. gabriela*, *P. pelion*, *P. pygmaea*, *P. doris*, *P. herse*, *P. odites*, *P. meander*, *P. salome*, *P. bellona*, *P. ascanius*, *P. rhetenor*, *P. androgeus*, *P. pasithoe*, *P. dolicaon*, *P. hiarbas*, *P. nestor*, *P. hemon*, *P. agave*, *P. nise*, *P. lavinia*, *P. cadmus*, *P. niveus*, *P. astrea*, *P. philemon*, *P. cassius*, *P. aunus*, *P. eurota*, *P. clymena*, *P. galanthis*, *P. carduelis*, *P. gilippus*, *P. ilione*, *P. cyllarus*, *P. albula*, *P. phiale*, *P. diocippus*, *P. gyas*, *P. lysander*, *P. hyppason*, *P. euristeus*, *P. arius*, *P. eurilochus*, *P. egeria*, *P. inachus*, *P. hyacinthus*, *P. tales*, *P. ganimedes*, *P. automedon*, *P. acastus*, *P. orphise*, *P. roxane*, *P. dindymus*, *P. mantus*, *P. arachne*, *P. dorilas*, *P. ethemon*, *P. amyntor*, *P. ryphea*, *P. actorion*, *P. epulus*, *P. hebrus*, *P. acmon*, *P. battus*, *P. illioneus*, *P. mimas*, *P. rhea*, *P. celmus*, *P. andromachus*, *P. cassiope*, *P. echo*, *P. chorineus*, *P. erythus*, *P. cronis*, *P. antonoe*, *P. adonis*, *P. rhetus*, *P. phylleus*, *P. midas*, *P. quirina*, *P. clytia*, *P. thelephus*, *P. emylius*, *P. salius*, *P. perseus*, *P. regalis*, *P. laertes*, *P. sergestus*, *P. imperialis*, *P. arethusa*, *P. clonius*, *P. numilia*, *P. erix*, *P. hisbon*, *P. sagaris*, *P. danae*, *P. helenor*, *P. petreus*, *P. ceres*, *P. fabius*, *P. chione*, *P. auius*, *P. hyphea*, *P. eumene*, *P. abaris*, *P. actoris*, *P. ephyne*, *P. aricye*, *P. meneria*, *P. micalia*, *P. anaxarete*, *P. andromeda*, *P. mermeria*, *P. virgilia*, *P. elathea*, *P. cipris*, *P. corytus*, *P. arinas*, *P. ulrica*, *P. penelea*, *P. tedeia*, *P. hemes*, *P. bitias*, *P. amesis*, *P. lycimnia*, *P. nobilis*, *P. micalia*, *P. carinenta*, *P. drusilla*, *P. dolyas*, *P. apastus*, *P. belus*, *P. crassus*, *P. orfita*, *P. lycidas*, *P. numitor*, *P. erymanthus*, *P. osinia*, *P. amathonte*, *P. pompeia*, *P. misenes*, *P. lycabas*, *P. lagus*, *P. crispus*, *P. formosus*, *P. vesta*, *P. itys*, *P. statira*, *P. tytia*, *P. agyrtus*, *P. eurimedia*, *P. daunus*, *P. aulestes*, *P. laodamia*, *P. tolumnia*, *P. palemon*, *P. laothoe*, *P. eugenia*, *P. dydimoon*, *P. amelia*, *P. clytemnestra*, *P. theanus*, *P. alcmeone*, *P. monusta*, *P. eupalemon*, *P. eryx*, *P. penthea*, *P. virbius*, *P. pyretus*, *P. sicheus*, *P. ammon*, *P. lydia*, *P. lamia*, *P. lea*, *P. euriteus*, *P. lisias*, *P. licinia*, *P. orion*, *P. orchamus*, *P. porcus*, *P. eumelus*, *P. ceneus*, *P. pheridamas*, *P. sysiphus*, *P. licomedes*, *P. cecilia*, *P. mesentina*, *P. phocus*, *P. marcellina*, *P. pholeus*, *P. ematheon*, *P. cresphontes*, *P. agathina*, *P. lysidice*, *P. phareus*, *P. pelops*, *P. hersilia*, *P. eresimus*, *P. phyllus*, *P. talus*, *P. phineus*, *P. ismarus*, *P. lucagus*, *P. torquatus*, *P. hysipyle*, *P. erycinia*, *P. amathusia*, *P. anaphus*, *P. cebrenus*, *P. gentius*, *P. procas*, *P. arcas*, *P. ariadne*, *P. archias*, *P. pretus*, *P. berecynthia*, *P. thymetus*, *P. cybele*, *P. periander*, *P. basilea*, *P. erythrea*, *P. harmonia*, *P. calycopis*, *P. marthesia*, *P. egina*, *P. cissia*, *P. helle*, *P. phlegia*, *P. dyndimene*, *P. bixae*, *P. acastus*, *P. amyclas*, *P. marius*, *P. cinna*, *P. meton*, *P. polycaon*, *P. evarete*, *P. piranthus*, *P. argante*, *P. berenice*, *P. hegesia*, *P. vertumnus*, *P. sesostris*, *P. janias*, *P. mardania*, *P. inaria*, *P. alcionea*, *P. junio*, *P. cillene*, *P. metellus*, *P. emilia*, *P. cometes*, *P. diaphana*, *P. lenea*, *P. nise*, *P. melanida*, *P. laja*, *P. amphione*, *P. elis*, *P. lausus*, *P. nautes*, *P. isidora*, *P. capanea*, *P. hyperia*, *P. lamis*, *P. valentina*, *P. thamyra*, *P. celia*, *P. cocala*, *P. ortygnus*, *P. venulius*, *P. endymion*, *P. pigmalion*, *P. vulcanus*, *P. pyramus*, *P. phidon*, *P. rosalia*, *P. mylitta*, *P. hera*, *P. postverta*, *P. astarte*, *P. flora*, *P. clio*, *P. menalcas*, *P. thallus*, *P. atys*, *P. idas*, *P. exadeus*, *P. catillus*, *P. busirus*, *P. alcmon*, *P. assaricus*, *P. amosis*, *P. epitus*, *P. melander*, *P. fatima*, *P. mandana*, *P. dyndima*, *P. tullus*, *P. panthonus*, *P. euritea*, *P. eumelia*, *P. anna*, *P. orestes*, *P. palegon*, *P. silenus*, *P. astylos*, *P. broteas*, *P. aulestes*, *P. creteus*, *P. genoveva*, *P. junia*, *P. ebusa*, *P. chloris*, *P. myncea*, *P. clarissa*, *P. camerta*, *P. sophonisba*, *P. andremona*, *P. numata*, *P. ludovica*, *P. equicola*, *P. ebusus*, *P. fantasos*, *P. criniscus*; Neotropics] [1777]. See Seligmann, M. J., [1777].
- 1783-85. See Happe, A. F., 1783-1785.
- Crane, Jocelyn** [1909-1998]  
1954a. Housekeeping for butterflies. *Animal Kingdom* 57(5): 138-143, figs. (September-October) [general; behavior; Trinidad]
- 1954b. Spectral reflectance characteristics of butterflies (Lepidoptera) from Trinidad, B.W.I. *Zoologica* (New York) 39(3): 85-115, 3 pls., 9 figs., 4 tabs. (15 October) [general; biophysics; mimicry]
1955. Imaginal behavior of a Trinidad butterfly, *Heliconius erato hydara* Hewitson, with special reference to the social use of color. *Zoologica* (New York) 40(4): 167-196, 3 pls., 2 figs., 6 tabs. (31 December) [biophysics; host plants]
- 1957a. Keeping house for tropical butterflies. *National Geographic Magazine* 112(2): 193-217, figs. (August) [general; behavior; predators; life histories; Trinidad]
- 1957b. Imaginal behavior in butterflies of the family Heliconiidae. Changing social patterns and irrelevant actions. *Zoologica* (New York) 42(4): 135-145, 1 pl., 3 tabs. (31 December) [general; Trinidad]
1960. See Beebe, C. W. et al., 1960.
1961. Butterfly discoveries and surprises. *Animal Kingdom* 64(2): 34-40, figs. (March-April) [*Heliconius* spp.; behavior; morphology; mimicry; Trinidad]
1962. See Turner, J. R. G. & J. Crane, 1962.
- Crane, Jocelyn, and Henry Fleming**  
1953. Construction and operation of butterfly insectaries in the tropics. *Zoologica* (New York) 38(4): 161-172, 5 pls., 2 figs., 2 tabs. (31 December) [general; host plants; behavior; predators; Trinidad]



- Crane, Jonathan H.**  
2019. See Martínez, J.U. I. et al., 2019.
- Cranston, Florence Pitkin**  
1965. See Brower, L. P. et al., 1965.
- Craves, Julie A.**  
2004. Are there populations of the Miami Blue, *Cyclargus thomasi bethunebakeri*, in Cuba? *News of the Lepidopterists' Society* 46(2): 40, 43, 2 figs. (15 June)
- Cravo, Antonieta Barreira**  
2001. *Bailado das borboletas. Butterflies dancing. Le ballet des papillons.* Rio de Janeiro, Minerva Press. 125 pp., 50 pls. [general; distribution; host plants]
- Crawford, James Chamberlin** [1880-1950]  
1914. New parasitic Hymenoptera from British Guiana. *Proceedings of the entomological Society of Washington* 16(2): 85-88 (12 June) [*Calpodes ethlius* (Cramer); parasitoid]
- Crawford, Nicholas G.**  
2013. See Kronforst, M. R. et al., 2013.
- Crawforth, Anthony** [1934- ]  
2009. *The butterfly hunter. The life of Henry Walter Bates.* Buckingham, University of Buckingham Press. [10] + xiv + 272 pp., viii + 26 pls. ([29 June]) [general; history]
- Crawley, Michael J.**  
1983. *Herbivory. The dynamics of animal-plant interactions.* Berkeley and Los Angeles, University of California Press. x + 437 pp., figs., tabs. (Studies in Ecology, 10) [*Heliconius*]
- Cremon, Cassiano**  
2015. See Mapeli, N. C. et al., 2015.
- Crespo, André Luiz Barreto, Marcelo Coutinho Picanço, Leandro Bacci, Eliseu José Guedes Pereira and Alfredo Henrique Rocha Gonring**  
2002. Seletividade fisiológica de inseticidas a Vespidae predadores de *Ascia monuste orseis*. *Pesquisa agropecuária brasileira* 37(3): 237-242, 2 tabs. (March) [host plants; Brazil]
- Cressibene, Silvia Estela**  
1993. See Ávalos, D. S. & S. E. Cressibene, 1993.
- Cresson, Ezra Townsend, Jr.** [1876-1948]  
1926. List of new genera and species described by Henry Skinner. *Entomological News* 37(8): 246-249 (15 October)
- Cretella, Massimo**  
2010. The complete collation and dating of the section *Zoologie* of the *Coquille* voyage. *Bollettino malacologico* 46(2): 83-103, 4 figs., 1 tab. (30 November) [general]
- Cretschmar, Max** [1900-1961]  
1952. Seitz, Adalbert: Als Naturfoscher durch alle Erdteile. *Zeitschrift für Lepidopterologie* (Krefeld) 2(1): 95-96 (1 March) [book review]
- Cribb, Phillip J.** [1946- ]  
1975. A trip to Bolivia, 1971. *Bulletin of the amateur Entomologists' Society* 34(307): 78-79 (May) [general; ecology; Peru]
- Crisi, C., Jr.**  
1974. See Rossetto, C. J. et al., 1974.
- Cristescu, Mihaela**  
2011. The exotical Lepidoptera collection from the patrimony of the Natural Sciences Complex Galați [In Romanian]. *Journal of Wetlands Biodiversity* 1: 53-64, 1 fig., 2 tabs. [general; Neotropics]
- Cristoffer, Cris, and Carlos Augusto da Silva Peres**  
2003. Elephants versus butterflies: the ecological role of large herbivores in the evolutionary history of two tropical worlds. *Journal of Biogeography* 30(9): 1357-1380, 1 tab. (April) [general; Neotropics]
- Crne, Matija**  
2008. See Weatherspoon, M. R. et al., 2008.
- Cronin, Thomas W.**  
2007. See Douglas, J. M. et al., 2007.
- Cronin, Thomas W., Nadav Shashar, Roy L. Caldwell, Justin Marshall, Alexander G. Cheroske and Tsyr-Huei Chiou**  
2003. Polarization vision and its role in biological signaling. *Integrative and comparative Biology* 43(4): 549-558, 4 figs. (August) [*Heliconius cydno* Doubleday; Panama]
- Crosby, Kate**  
2012. See Smith, M. A. et al., 2012.
- Crosson du Cormier, Alain** [1913-2016]  
1996. See Attal, S. & A. Crosson du Cormier, 1996.  
1997. See Attal, S. & A. Crosson du Cormier, 1997.  
1998. See Attal, S. & A. Crosson du Cormier, 1998.  
2003. See Attal, S. & A. Crosson du Cormier, 2003.  
2010. See Attal, S. & A. Crosson du Cormier, 2010.  
2015. See Attal, S. & A. Crosson du Cormier, 2015.
- Crosson du Cormier, Alain, and Stéphane Attal**  
1995. Sur de nouvelles descriptions dans le genre *Perisama* (Lep. Nymphalidae). *Bulletin de la Société Sciences Nat* 83: 35 (15 May) [new species: *P. affinis*]
- Crothwait, Rebecca J.**  
2012. See Barve, N. et al., 2012.
- Crotch, George Robert** [1841-1874]  
1872a. On the generic nomenclature of Lepidoptera. *Cistula entomologica* 1(4): 59-71 (25 January) [general; new name: *Festivus*; types of several genera designated]  
1872b. Notes on the generic nomenclature of Lepidoptera. *Cistula entomologica* 1(5): 91-92 (20 July) [general]  
1876. Errata. *Cistula entomologica* 1(13): 578 (February) [*Danaus*]
- Crouzel, Irma Santoro de** [1913-1993]  
1968a. Otro Hesperiidae dañino para el eucalipto. *Hoja informativa. Instituto de Patología vegetal* (Buenos Aires) 19: [1] (February) [*Pyrrhopyge pelota* Plötz; egg, larva, pupa, imago; host plants; Argentina]  
1968b. "Isoca de la alfalfa" sobre "trébol blanco". *Hoja informativa. Instituto de Patología vegetal* (Buenos Aires) 19: [2] (February) [*Colias lesbia* (Fabricius); host plant; Argentina]  
1981. See Botto, E. N. & I. S. de Crouzel, 1981.  
1984a. *El control biológico en la Argentina*, pp. 169-174. In: Aguilar, P. G. (Ed.), *Informe final. Noveno Congreso Latinoamericano de Zoología* (Arequipa). Lima, IX CLAZ PERU (27 November) [general]  
1984b. *Biological control in Argentina*, pp. 62-77, 2 tabs. In: Allen, G. & A. Rada (Eds.), *The role of biological control in pest management*. Ottawa, University of Ottawa Press. [*Colias lesbia* (Fabricius)]  
1986. See Saini, E. D. et al., 1986.
- Crouzel, Irma Santoro de, Esteban Daniel Saini, Violeta Sonvico and Eduardo Norberto Botto**  
1981. *Pyrrhopyge pelota* Plötz (Lep. Hesperiidae). Estudio morfológico en estados inmaduros. *Revista de Investigaciones agropecuarias, INTA* (Buenos Aires) 16(2): 171-195, 11 figs., 9 tabs. [life history; host plants; Argentina]
- Crouzel, Irma Santoro de, and Raimundo Jorge Salavín**  
1969. Llave dilemática para el reconocimiento de los cinco estadios larvales de la "isoca de la alfalfa", *Colias lesbia* (F.). *Idia* (Buenos Aires) 256: 1-5, 1 pl., 5 figs., 2 tabs. (April) [Argentina]
- Crouzel, Irma Santoro de, Raimundo Jorge Salavín and Martha Gladys Arce**  
1969. Sobre los enemigos naturales de la "isoca de la alfalfa", *Colias lesbia* (F.) (Lepidoptera-Pieridae). *Hoja informativa. Instituto de Patología vegetal* (Buenos Aires) 35: [1]-[2] (June) [Argentina]
- Crouzel, Irma Santoro de, Raimundo Jorge Salavín and Delia R. de Basaldúa**

1968. Estudio morfológico en los estadios larvales de la "isoca de la alfalfa", *Colias lesbia* (F.). *Revista de Investigaciones agropecuarias* (Buenos Aires) (5)5(10): 113-138, 4 pls., 3 tabs. (November) [Argentina]
- Crouzel, Irma Santoro de, J. B. Sardesai, Martha Gladys Arce and Raimundo Jorge Salavín**
1970. Observaciones sobre polimorfismo en *Colias lesbia* (F.). Ocurrencia de machos de color celeste verdoso. *Revista de la Sociedad entomológica argentina* 32(1/4): 81-90, 3 pls. (29 December) [Argentina]
- Crow, Robin**
1968. [List of butterflies seen in Yucatan]. *Bulletin of the amateur Entomologists' Society* 27(279): 68-69 (May) [general; ecology; Mexico]
- Crowfoot, William Miller** [1838-1918]
1893. Preliminary list of Trinidad butterflies. *Journal of the Trinidad Field Naturalists' Club* 1(7): 173-174 (April) [general]
- Crowther, Robyn**
2019. See Cuthill, J. F. et al., 2019.
- Croze, Harvey J.**
1964. See Brower, L. P. et al., 1964.
1967. See Brower, L. P. et al., 1967.
- Cruaud, Corinne**
2017. See Nattier, R. et al., 2017.
- Cruces, Luis**
2012. *Insectos de la superficie del suelo en el Bosque Puyu Sacha (entomofauna epigea)*, pp. 322-336, 6 figs., 3 tabs. In: Reynel, C. (Ed.), *Flora y fauna del bosque montano nublado Puyu Sacha, Valle de Chanchamayo, Dp. Junín (1800-3200 msnm)*. Lima, Asociación Peruana para la Promoción del Desarrollo Sostenible (March) [general; Peru]
- Cruden, Robert William** [1936- ], and **Sharon-Marie Hermann**
1979. Butterfly pollination of *Caesalpinia pulcherrima*, with observations on a psychophilous syndrome. *Journal of Ecology* 67(1): 155-168, 2 pls., 3 figs., 6 tabs. (March) [general; Mexico]
- Cruden, Robert William, Sharon-Marie Hermann and Steven Peterson**
1983. *Patterns of nectar production and plant-pollinator coevolution*, pp. 80-125, 6 figs., 7 tabs. In: Bentley, B. & T. Elias (Eds.), *The Biology of Nectaries*. New York, Columbia University Press. [general; Mexico]
- Crüger, Carl Friedrich August Alexander** [1813-1885]
- 1876a. Ueber Schmetterlinge von Guayaquil. *Verhandlungen des Vereins für naturwissenschaftliche Unterhaltung zu Hamburg* 2: 129-131. [general; Ecuador]
- 1876b. J. B. Capronnier: Notice sur les époques d'apparition des lépidoptères du Brésil recueillis p. M. C. Van Volxem dans son voyage en 1872. (Annales de la soc. entom. de Belgique Tom. XVII., 1874. p. 5-39). *Verhandlungen des Vereins für naturwissenschaftliche Unterhaltung zu Hamburg* 2: 132-135. [review]
1879. Ueber exotische Lepidopteren (1877). *Verhandlungen des Vereins für naturwissenschaftliche Unterhaltung zu Hamburg* 4: 192-198. [general; Venezuela, Colombia, Mexico, Argentina]
1881. Catalogue of the coll. of diurn. lepa. formed by the late William Chapman Hewitson, of Oatlands, Walton o. Thames, and bequathed by him to the B. M.; By W. F. Kirby, assistant naturalist in the Dublin mus. of Science and art (printed for private circulation). London J. v. Voorst, 1879, 4o, 246 ps. *Berliner entomologische Zeitschrift* 25(2): 105-118 (December) [general; review]
1882. Exotische Lepidopteren. *Verhandlungen des Vereins für naturwissenschaftliche Unterhaltung zu Hamburg* 5(6): 85-93 (June) [general; Mexico, Central and South America]
- Cruels, Gastão** [1888-1959]
1944. *Hiléia amazônica*. São Paulo-Rio de Janeiro, Companhia Editora Nacional. xxiv + 270 pp., 48 pls. [Ed. 3, 1958] [general; Brazil]
- Crutwell-(McFadyen), Rachel E.**
1974. Insects and mites attacking *Eupatorium odoratum* in the Neotropics. 4. An annotated list of the insects and mites recorded from *Eupatorium odoratum* L., with a key to the types of damage found in Trinidad. *Technical Bulletin of the Commonwealth Institute of biological Control* 17: 87-125. [*Calephelis laverna* (Godman & Salvin), *Thecla palegon* (Cramer), *Actinote anteas* (Doubleday), *Pteronymia lincera* (Herrich-Schäffer); parasitoids]
1979. See Zimmermann, H. G. et al., 1979.
1988. Phytophagous insects recorded from *C. odorata*. *Chromolaena odorata Newsletter* 2: 5-23 (October) [*Calephelis laverna* (Godman & Salvin), *Thecla palegon* (Cramer), *Actinote anteas* (Doubleday), *Pteronymia lincera* (Herrich-Schäffer); host plants; parasitoid; Central and South America]
- Crutwell-McFadyen, Rachel E., and Fred Douglas Bennett**
1995. Potential biocontrol agents of *Portulaca oleracea* L. from the Neotropics. *Biological Control* 5(2): 189-195, 2 tabs. (June) [*Callicista bubastus* (Cramer); Trinidad]
- Cruz, Abigail Elvira**
2013. See Cervantes, I. P. et al., 2013.
- Cruz, Arcely de la**
2007. See Pérez-de la Cruz, M. et al., 2007.
- Cruz, César Augusto, and Francisco J. Posada**
2003. Evaluación de la biodiversidad de la zona cafetera colombiana representada en la colección de artrópodos de Cenicafé. *Revista colombiana de Entomología* 29(1): 107-112, 5 figs., 3 tabs. (January-June) [general]
- Cruz, Daryl**
2017. See Denis, D. & D. Cruz, 2017.
- Cruz, Denise Dias da, Miriam de Castro e Silva and Nayara Silva Lins de Albuquerque**
2014. Floral syndrome, resources and pollinator guilds: a case study of *Heliconia psittacorum* L. f. (Heliconiaceae). *Iheringia (Botânica)* 69(2): 303-312, 4 figs. (December) [*Talides* sp.; Brazil]
- Cruz, Fernando Zanotta da**
1975. See Corseuil, E. & F. Z. da Cruz, 1975.
- Cruz, Glória Dias da**
2000. A delicada beleza das borboletas. *Ecologia e Desenvolvimento* (Rio de Janeiro) 10(83): 26-32, figs. (July-August) [general; Brazil]
- Cruz, Hermenegildo Marques da**
1954. Baixa produtividade dos coqueiros bahianos e suas causas principais. *Boletim da Secretaria da Agricultura* (Bahia) (3)50(13): 29-34. [*Brassolis sophorae* (Linnaeus), *B. astyra* Godart; Brazil]
- Cruz, Ivan**
2000. See Oliveira, H. N. de et al., 2000.
- Cruz, Jaime de la**
1983. See Daza, L. E. & J. de la Cruz, 1983.
- Cruz, Jorge de la** [1947- ]
1986. See Fontenla, J. L. & J. de la Cruz, 1986.
1987. See Fontenla, J. L. & J. de la Cruz, 1987.
1992. See Fontenla, J. L. & J. de la Cruz, 1992.
- Cruz, Jucelmo Dantas da**
2009. See Bichara Filho, C. C. et al., 2009.
- Cruz, Kelen Coelho, Sileimar Maria Lelis, Mariana Aparecida Silva Godinho, Rúbia Santos Fonseca, Paulo Sérgio Fiúza Ferreira and Milene Faria Vieira**
2012. Species richness of anthophilous butterflies of an Atlantic

- Forest fragment in Southeastern Brazil. *Ceres* (Viçosa) 59(5): 571-579, 1 fig., 3 tabs. (December) [general]
- Cruz, Renata Marinho, and Celso Feitosa Martins**  
2015. Pollinators of *Richardia grandiflora* (Rubiaceae): an important ruderal species for bees. *Neotropical Entomology* 44(1): 21-29, 3 figs., 2 tabs. (February; published online 5 December 2014) [general; Brazil]
- Cruz-Miranda, Saharary Gabriela**  
2009. See Campos, F. V. et al., 2009.  
2013. See Mejía, M. de L. et al., 2013.  
2018. See Delgadillo-Romero, Sergio A. et al., 2018.
- Cruz, Valentina**  
1997. See Roque, L. et al., 1997.
- Cruz-Jofré, Franco**  
2019. See Benítez, H. A. et al., 2019.
- Cruz-Miranda, Saharary Gabriela**  
2009. See Campos, F. V. et al., 2009.  
2013. See Mejía, M. de L. et al., 2013.  
2018. See Delgadillo-Romero, Sergio A. et al., 2018.
- Cruz-Salas, Lluvia Lisette**  
2016. See López-Collado, J. et al., 2016.
- Cuautle, Mariana, and Víctor Rico-Gray**  
2003. The effect of wasps and ants on the reproductive success of the extrafloral nectaried plant *Turnera ulmifolia* (Turneraceae). *Functional Ecology* 17(3): 417-423, 4 figs., 3 tabs. (June) [*Euptoieta hegesia* (Cramer); host plant; Mexico]
- Cubero, Rolando**  
1985. Notes on the life cycle and natural history of *Opsiphanes quiteria quirinus* Godman and *Eryphanis aesacus buboculus* Butler (Brassolidae). *Journal of the Lepidopterists' Society* 39(1): 33-42, 22 figs. (16 October) [Costa Rica]
- Cucurullo, Oscar, Jr.** [1923-1988]  
1959. *Lista de mariposas (Rhopalocera) de Santo Domingo*. Ciudad Trujillo, Imprenta Dominicana. 15 pp. (September) [general; new subspecies: *Euptoieta hegesia domingensis*]
- Cuda, James P.**  
2000. See Medal, J. C. et al., 2000.  
2011. See Lewis, D. S. et al., 2011.
- Cuello, Pedro E.**  
1973a. See Alsina, M. G. et al., 1973.  
1973b. See Bernstein, C. et al., 1973.  
1973c. See Pace, M. J. di et al., 1973.
- Cuello, Pedro E., and Carlos Bernstein**  
1974. La actividad de vuelo de los adultos de *Colias lesbia* (F) y su relación con algunos factores ambientales. *Ecología* (Buenos Aires) 2(1): 9-18, 1 fig., 1 tab., 7 graphs (April) [Argentina]
- Cueva, Carlos**  
1936. See Pando, N. de et al., 1936.
- Cueva, Eduardo**  
1999. See Jiggins, C. D. et al., 1999.  
2000. See Jiggins, C. D. et al., 2000.
- Cueva, Manuel E.**  
1980. See Ayquipa, G. E. & M. E. Cueva, 1980.
- Cuevas, Cristina I.**  
2007. See Frentiu, F. D. et al., 2007a.
- Cuevas, María Idalia, Mildred Paola Rodríguez and Carlos Amador Romero**  
2015. Infusiones botánicas para el control de *Leptophobia aripa elodia* Boisduval (Lepidoptera: Pieridae) en brócoli (*Brassica oleracea* var. *italica*) bajo condiciones de laboratorio. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) Número especial 1: 71-77, 2 figs., 5 tabs. (July) [host plant; Mexico]
- Cuevas, María Idalia, Xarely Teresita Rodríguez and Carlos Amador Romero**  
2012. *Reproducción de mariposa monarca (Danaus plexippus plexippus L.) en condiciones de laboratorio*, pp. 505-510, 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(1). México, Sociedad mexicana de Entomología. [life history; parasites; pathogen; Mexico]
- Cuevas, María Idalia, Xarely Teresita Rodríguez, Carlos Amador Romero and Juan M. Romero**  
2013. Reproducción de *Danaus plexippus* L. residente (Lepidoptera: Nymphalidae: Danainae) bajo condiciones de laboratorio. *Boletín de la Sociedad entomológica aragonesa* 53: 299-309, 10 figs., 7 tabs. (31 December) [life history; parasites; pathogen; Mexico]
- Cuevas, María del Socorro**  
1998. See Ramos, J. et al., 1998.  
2007. See Ramos, J. et al., 2007.
- Cuevas, María del Socorro, Adolfo Ibarra and Isabel Sánchez**  
2009. *Algunas especies y subespecies de la familia Nymphalidae (Insecta: Lepidoptera) de la colección de artrópodos, del Laboratorio de Entomología de la Escuela Nacional de Ciencias Biológicas-IPN*, pp. 940-945, 2 figs., 1 tab. In: Estrada, E. G., A. Equihua, M. P. Chaires, J. A. Acuña, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 8. México, Sociedad mexicana de Entomología. [general; Mexico]
- Cuevas-Reyes, Pablo**  
2015. See González-Esquivel, J. G. et al., 2015.  
2019. See Cambrón-Villalobos, P. et al., 2019.
- Cullen, Darron A.**  
2015. See Harpel, D. et al., 2015.
- Culot, Jules** [1861-1933]  
1932. Le rôle des écailles dans la coloration des *Morpho*. *Mitteilungen der schweizerischen entomologischen Gesellschaft* 15(8): 274-276 (15 September) [also in *Bulletin de la Société lépidoptérologique de Genève* 7(1): 6-8; September] [general]
- Culotta, Elizabeth**  
1992. The case of the missing monarchs. *Science* 256(5061): 1275, 1 fig. (29 May) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Cultid, Carlos Andrés**  
2015. See Ramírez, L. et al., 2015.
- Culvenor, Claude Charles Joseph**  
1974. See Edgar, J. A. et al., 1974.  
1976a. See Pliske, T. E. et al., 1976.  
1976b. See Edgar, J. A. et al., 1976.
- Cummings, Michael P.**  
2009a. See Roe, A. D. et al., 2009.  
2009b. See Regier, J. C. et al., 2009.  
2013. See Regier, J. C. et al., 2013.  
2017. See Mitter, C. et al., 2017.
- Cunha, Bruno Gomes**  
2009. See Silva, C. A. D. da et al., 2009.
- Cunha, Fabiane, Rogério Aparecido Depieri, Ayres de Oliveira Menezes Júnior, Pedro Manoel Oliveira Janeiro Neves, Talita Moretto Alexandre, Vânia Maria Ramos, Rafael Gervasoni Ferreira Leite and Viviane Tavares de Almeida**  
2014. Patogenicidade dos fungos *Metarhizium anisopliae* e *Isaria farinosa* em *Brassolis sophorae* (Lepidoptera: Nymphalidae). *Científica* (Jaboticabal) 42(2): 143-146, 2 tabs. [host plant; Brazil]
- Cunha, Fabiane, Flávio Moscardi, Talita Moretto Alexandre and Daniel Ricardo Sosa-Gómez**  
2007a. Ocorrência da *Chlosyne lacinia saundersii* em 12 genótipos de girassol em duas épocas de cultivo na região de Londrina, PR. *Documentos. Embrapa Soja* 292: 14-16,

- 1 tab. (September) [host plant; Brazil]
- 2007b. Preferência para oviposição e ocorrência da lagarta-preta-do-girassol (*Chlosyne lacinia saundersii*) em diferentes plantas hospedeiras com e sem a presença do girassol. *Documentos. Embrapa Soja* 292: 17-20, 1 tab. (September) [Brazil]
- Cunha, Fabiane, Daniel Ricardo Sosa-Gómez, José Jairo da Silva, Talita Moretto Alexandre and Flávio Moscardi**
2010. Genetic diversity of the sunflower caterpillar (*Chlosyne lacinia saundersii* [sic] Doubleday and Hewitson) (Lepidoptera: Nymphalidae) populations determined by molecular RAPD markers. *Anais da Academia brasileira de Ciências* 82(4): 1127-1136, 3 figs., 5 tabs. (December) [host plant; Brazil]
- Cunha, Getúlio Augusto Pinto da**
1984. See Chalfoun, S. M. & G. A. P. da Cunha, 1984.
- Cunha, Maria Cecília de Araújo**
1984. See Gobbi, N. & M. C. de A. Cunha, 1984.
1990. See Gobbi, N. et al., 1990.
- Cunha, Samuel Kabke da**
2013. See Silva, J. M. et al., 2013.
2017. See Silva, J. M. et al., 2017b.
2019. See Silva, J. M. et al., 2019.
- Cunha, Suzan Beatriz Zambon de, and Alexandre Kannebley de Oliveira**
2012. Estágios imaturos de Lepidoptera (Arthropoda: Insecta) em um fragmento de cerrado localizado na área urbana do Município de São Carlos, Estado de São Paulo. *Multiciência* (São Carlos) 11: 260-276, 5 figs., 1 tab. [general; host plants; Brazil]
- Cunha, Wanderson Lacerda da, João Mateus Vieira Dutra, Bárbara Morais Thompson, Danilo do Carmo Vieira Corrêa and Onildo João Marini-Filho**
2014. Dados preliminares da fauna de borboletas frugívoras (Nymphalidae: Lepidoptera) ocorrentes no Parque Nacional de Brasília, Distrito Federal, Brasil. *Anais do VI Seminário de Pesquisa e Iniciação Científica do Instituto Chico Mendes de Conservação da Biodiversidade*, p. 35. [general]
- Cunningham, Jack**
2001. See Mann, D. J. & J. Cunningham, 2001.
- Cunningham, Robert Oliver [1841-1918]**
1871. *Notes on the natural history of the Strait of Magellan and west coast of Patagonia made during the voyage of H.M.S. 'Nassau' in the years 1866, 67, 68 & 69*. Edinburgh, Edmonston and Douglas. xvii + 517 pp., 22 pls., 1 map. [general; Argentina]
- Cure, José Ricardo**
1994. See Botelho, A. C. B. et al., 1994.
2013. See Reina, D. et al., 2013.
- Curio, Eberhard [1932- ]**
1965. Ein Falter mit "falschem Kopf". *Natur und Museum* 95(2): 43-46, 3 figs. (1 February) [*Thecla togarna* Hewitson; behavior; Ecuador]
1966. Wie Insekten ihre Feinde abwehren. *Naturwissenschaft und Medizin* 3(11): 3-22, 11 figs. [general; Ecuador]
1976. *The ethology of predation*. Berlin, Springer-Verlag. x + 250 pp., 70 figs. [general]
- Curran, Charles Howard [1895-1972]**
1937. Insect lore of the Aztecs. *Natural History* (New York) 39(3): 196-203, figs. (March) [*Papilio*; Mexico]
- Curran, Emma V.**
- 2018a. See Parnell, A. J. et al., 2018.
- 2018b. See Brien, M. N. et al., 2018.
- Curtis, Wilfrid Parkinson [1878-1968]**
1960. Proposed use of the plenary powers to validate the specific name *dardanus* Brown, 1776, as published in the binomen *Papilio dardanus* (Class Insecta, Order Lepidoptera). Z.N.(S.)1403. *Bulletin of zoological Nomenclature* 17(6/8): 253-254 (8 April) [*Papilio dardanus* Fabricius, *P. tros* Fabricius; Brazil]
- Curvetto, Rodolfo Oscar**
1980. See Harcourt, D. G. et al., 1980b.
- Cushman, J. Hall, and Dennis D. Murphy**
1993. Conservation of North American lycaenids - an overview. *Occasional Paper of the IUCN Species Survival Commission* 8: 37-44, 2 tabs. [general; Mexico]
- Cushing, David S.**
1995. See Chuah, H. H. & D. S. Cushing, 1995.
- Cuthbert, R.**
2014. See Churchyard, T. et al., 2014.
- Cuthill, Innes C., William L. Allen, Kevin Arbuckle, Barbara Caspers, George Chaplin, Mark E. Hauber, Geoffrey E. Hill, Nina G. Jablonski, Christopher David Jiggins, Almut Kelber, Johanna Mappes, Justin Marshall, Richard M. Merrill, Daniel Osorio, Richard O. Prum, Nicholas W. Roberts, Alexandre Roulin, Hannah M. Rowland, Thomas N. Sherratt, John Skelhorn, Michael P. Speed, Martin Stevens, Mary Caswell Stoddard, Devi Stuart-Fox, Lázsló Talas, Elizabeth Tibbets and Tim Caro**
2017. The biology of color. *Science* 357(6350)(eaan0221): 1-7, 5 figs. (4 August) [general]
- Cuthill, Jennifer F. Hoyal, and Michael Charleston**
2012. Phylogenetic codivergence supports coevolution of mimetic *Heliconius* butterflies. *PLoS ONE* 7(5)(e36464): 1-11, 3 figs., 1 tab. (7 May)
2015. Wing patterning genes and coevolution of Müllerian mimicry in *Heliconius* butterflies: Support from phylogeography, cophylogeny, and divergence times. *Evolution* 69(12): 3082-3096, 5 figs., 2 tabs. (December; published online 7 December) [general; Central and South America]
- Cuthill, Jennifer F. Hoyal, Nicholas Guttenberg, Sophie Ledger, Robyn Crowther and Blanca Cecilia Huertas**
2019. Deep learning on butterfly phenotypes tests evolution's oldest mathematical model. *Science Advances* 5(8)(eeaw4967): 1-11, 5 figs. (14 August) [*Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus)]
- Cutright, Paul Russell [1897-1988]**
1940. *The great naturalists explore South America*. New York, The Macmillan Company. xii + 340 pp., 42 figs. [general]
- Cwengros, Emily E.**
2002. See Lund, N. M. et al., 2002.

# D

## "D., J."

1945. Coleta e preparo de lepidópteros. *Caça e Pesca* (São Paulo) 5(49): 42-45, figs. (June) [general; Brazil]

## D'Abbrera, Bernard Laurence [1940-2017]

1981. *Butterflies of the Neotropical Region, Part 1. Papilionidae & Pieridae*. East Melbourne, Lansdowne Editions. xvi + 172 pp., figs., 1 map. [general; new subspecies: *Parides anchises humaita*]
- 1984a. *Butterflies of the Neotropical Region. Part II. Danaidae, Ithomiidae, Heliconidae [sic] & Morphidae*. Ferny Creek, Victoria, Hill House. pp. xii + 173-384, figs., 1 map. [general; new subspecies: *Greta ortygia devriesi*]
- 1984b. *Butterflies of South America*. Ferny Creek, Victoria, Hill House. 256 pp., figs. [general]
- 1987a. *Butterflies of the Neotropical Region. Part III. Brassolidae, Acraeidae & Nymphalidae (partim)*. Victoria, Black Rock, Hill House. pp. viii + 385-525, figs. [general; new taxa: *Catoblepia berecynthia whittakeri* Bristow, *Panacea bella*]
- 1987b. *Butterflies of the Neotropical Region. Part IV. Nymphalidae (partim)*. Victoria, Black Rock, Hill House. pp. [xiv] + 527-678, figs. [general]
1988. *Butterflies of the Neotropical Region. Part V. Nymphalidae (Conc.) & Satyridae*. Victoria, Black Rock, Hill House. pp. [viii] + 679-877, figs. [new species: *Daedalma adamsi*, *Pedaliodes adamsi*]
1994. *Butterflies of the Neotropical Region. Part VI. Riodinidae*. Victoria, Black Rock, Hill House. pp. viii + 879-1096, figs. [general; new taxa: *Mesosemia trotschi*, *M. kwokii*, *M. bari*, *M. balza*, *Ancyluris paramba*, *Chamaelimnas stolzmanni*, *Baeotis staudingeri*, *Theope sanjuani*, *T. zyzoxoxyx*, *T. urichi*, *Ematurgina watkinsi*, *Imelda demathani*, *Menander cicuta orientalis*]
1995. *Butterflies of the Neotropical Region. Part VII. Lycaenidae*. Victoria, Black Rock, Hill House. pp. i-xi, 1098-1270, figs. [general; new species: *Evenus mirabilissima*, *Atliodes misma*, *Arawacus mexicana*, *Thecla pardo*, *T. cyanovenata*, *T. cortica*, *T. bradyae*, *T. mossi*, *T. pseudomimula*, *T. neildei*]
1997. On preparation of the Butterflies of the World series. *Metamorphosis. Supplement 3*: 116-119 (December) [general]
2001. *The Concise Atlas of Butterflies of the World*. Melbourne, Hill House Publications. 353 pp., 150 pls., figs. [general; new genera: *Annamaria* D'Abbrera & Bálint, *Lucilda* D'Abbrera & Bálint, *Balintus* D'Abbrera, *Salazaria* D'Abbrera & Bálint, *Riojana* D'Abbrera & Bálint, *Gulliveria* D'Abbrera & Bálint, *Pedusa* D'Abbrera, *Chopinina* D'Abbrera]
2011. See Bálint, Z. & B. L. D'Abbrera, 2011.
2012. See Bálint, Z. & B. L. D'Abbrera, 2012.

## Daccordi, Mauro, Paolo Triberti and Adriano Zanetti

1988. *Guide to Butterflies and Moths*. New York, Simon & Schuster, Inc. 383 pp., figs. [First Italian Ed., 1987] [general]

## Da Costa, Fernando Batista

2008. See Ambrósio, S. R. et al., 2008.

## DaCosta, Jeffrey M.

2015. See Ebel, E. R. et al., 2015.

## D'Aguilar, Jacques [1921- ]

2006. *Histoire de l'Entomologie*. Paris, Delachaux et Niestlé. 224 pp., figs. (October) [general]

## Dahners, Hans Walter

- 2006a. See Bálint, Z. et al., 2006a.
- 2006b. See Bálint, Z. et al., 2006c.
- 2006c. See Bálint, Z. & H. W. Dahners, 2006.
- 2006d. See Prieto, C. & H. W. Dahners, 2006.
2009. See Prieto, C. & H. W. Dahners, 2009.

## Dai, Pan-Feng

2016. See Huang, Z.-H. et al., 2016.

## Dai, Thomas

2016. See Pierce, N. E. et al., 2016.

## Daily, Gretchen C.

1994. See Ehrlich, P. R. et al., 1994.
1999. See Hughes, J. B. et al., 1999.
2003. See Horner-Devine, M. C. et al., 2003.

## Daily, Gretchen C., and Paul Ralph Ehrlich

1994. Butterflies used as a rapid assessment tool. *Amigos Newsletter. Organization for tropical Studies* 40: 12-14, 2 figs. [general; Costa Rica]
1995. Preservation of biodiversity in small rainforest patches: rapid evaluations using butterfly trapping. *Biodiversity and Conservation* 4(1): 35-55, 6 figs., 4 tabs. (February) [general; Costa Rica]
1996. Nocturnality and species survival. *Proceedings of the national Academy of Sciences of the United States of America* 93(21): 11709-11712, 5 tabs. (15 October) [general; Costa Rica]

## Dal, Björn [1945- ]

1985. Grågiökar och Papilioner. Om Carl Clercks fjärilsverk *Icones Insectorum Rariorum. Svenska Linnésällskapet Arsskrift* 1984/5: 9-88, figs. [general; history]

## Dalbosco Dell'Aglio, Denise, Derya Akkaynak, William Owen McMillan and Christopher David Jiggins

2017. Estimating the age of *Heliconius* butterflies from calibrated photographs. *PeerJ* 5(e3821): 1-8, 2 figs. (27 September) [*H. melpomene rosina* Boisduval; Panama]

## Dale, Jon M.

2011. See Fera, T. P. et al., 2011.

## Dale-Larrabure, William

2013. See Malpartida-Zevallos, J. et al., 2013.

## Dallas, Ernesto David [1885-1943]

1927. Nota sobre un lepidóptero argentino anómalo (*Papilio perrhebus* var. *damokrates* Guen.). *Revista de la Sociedad entomológica argentina* 1(5): 19-20, 1 fig. (1 November) [teratology]
- 1928a. A propósito de *Morpho argentinus* Fruhst. *Revista de la Sociedad entomológica argentina* 2(1): 63-64 (31 July) [taxonomy; Argentina]
- 1928b. Nota sobre otra flor que atrapa lepidópteros. *Revista de la Sociedad entomológica argentina* 2(1): 64, 1 fig. (31 July) [*Pamphila ethlius* (Cramer); Argentina]
1932. Emigración de lepidópteros. *Revista de la Sociedad entomológica argentina* 5(2/3): 129-130 (30 November) [*Pyrameis carye* Hübner, *Colias lesbia* (Fabricius), *Tatochila autodice* (Hübner); Argentina]
1939. Un lepidóptero ginandromorfo. *Verhandlungen. VII. internationaler Kongress für Entomologie* (Berlin) 2: 683-684, 1 fig. (July) [*Colias lesbia* (Fabricius); Argentina]

## Dallas, William Sweetland [1824-1890]

1877. See Richardson, J. et al., 1877.

## Dalla Torre von Thurnberg-Sternhoff, Karl Wilhelm von [1850-

- 1928]
1885. Die Duftapparate der Schmetterlinge. *Kosmos* (Stuttgart) 17(5): 354-364 (15 November), (6): 410-423 (24 December) [general]
- Dalman, Johann Wilhelm** [1787-1828]
1823. *Analecta entomologica*. Holmiae, Lindhian. [2] + vii + 104 + [4] pp., 4 pls. ([7 September]) [general; new taxa: *Papilio bellerophon*, *P. mentor*, *P. cebriones*, *P. albunea*, *P. astynome*, *P. hercules*, *P. alcimedon*, *P. aracynthia*, *P. hypermnestra*, *P. themis*, *P. arisbas*, *P. apisaon*, *P. calctor*, *P. paridion*, *P. satnius*, *P. halius*, *P. parthaon*, *P. agrius*, *P. agacles*, *P. zephyritis*, *Leptalis*; Brazil]
- Dalmay, Tamas**
2011. See SurrIDGE, A. K. et al., 2011.
2012. See Dasmahapatra, K. K. et al., 2012.
- D'Almeida, Romualdo Ferreira** [1891-1969]
1913. *Trois lépidoptères nouveaux du Brésil. Famille Pierides*. Rio de Janeiro, Author. [4] pp. (December) [*Hesperocharis melissa*, *Appias drusilla* female form *nana*, *Terias tenella* female aberration *alcides*]
1921. Notes sur quelques lépidoptères d'Amérique du Sud. *Annales de la Société entomologique de France* 90(1): 57-65 (14 December) [general; eggs, larvae, pupae, imagines; host plants; new taxa: *Appias drusilla* female form *nana*, *Terias tenella* female form *panopea*, *T. t.* female form *germana*, *T. t.* female form *jacarepaguana*, *T. t. j.* aberration *alcides*, *T. lepidula*, *Catopsilia fluminensis*; Brazil]
1922. *Mélanges lépidoptérologiques. Etudes sur les lépidoptères du Brésil*. Berlin, R. Friedländer & Sohn. viii + 226 pp. ([before 1 December]) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; new taxa: *Terias singularis*, *Catopsilia eubule* female aberration *lichas*, *C. e.* form *fugax*, *Leucidia maculata*, *Placidula*, *Dismenitis* (?) *diversivoca*, *D. (?) pseudodiversivoca*, *Mansueta*, *Rhadinoptera* (new genus) *hymenaea* male aberration *nebula*, *R. h.* female aberration *stratoniceis*, species group [subgenus] *Pigritia*, *Rhadinoptera umbraticola*, species group [subgenus] *Languida*, *Rhadinoptera genetyllis*, *Euptychia byses* female form *bimaculata*, *E. pavunae*, *E. herse* female form *bellatula*, *Taygetis fulginia*, *Euptychia arnaea* male form *priamis*, *Taygetis celia* female form *magna*, *Actinote brasiliensis*, *A. b.* male aberration *magnifica*, *A. jordani*, *A. distincta*, *A. genitrix*, *Phyciodes lansdorfi* female form *veternosa*, *Dynamine arene* male form *argyripa*, *Stalachtis susanna* male aberration *pygmaea*, *Xenandra agria* form *petilius*, *Eurybia pergaea* female aberration *ferruginea*, *Euselasia hieronymi* male form *unicolor*]
1923. Notes sur quelques lépidoptères rhopalocères du Brésil. *Annales de la Société entomologique de France* 91(3): 229-235 (14 March) [general; *Euptoieta hegesia* (Cramer): egg, larva, pupa; new forms: *Morpho achilloena* form *benkoi*, *Actinote rhodope* male form *lynasa*]
- 1924a. Les papilionides de Rio de Janeiro. Description de deux chenilles. *Annales de la Société entomologique de France* 93(1): 23-30, 1 tab. (5 July) [general; *Papilio dolicaon deicoon* Felder, *P. dardanus* Fabricius; host plants; eggs, larvae, pupae, imagines; Brazil]
- 1924b. Contributions a l'étude des lépidoptères du Brésil. *Boletim da Sociedade entomológica do Brasil* (Rio de Janeiro) 1(4/6): 13-14. [*Pyrrhogyra neareea ophni* Butler, *Heringia* (*nomen novum* for *Pigritia* d'Almeida, 1922); Brazil]
1925. Quelques rectifications sur les *Actinote* de la partie orientale de l'Amérique du Sud (Lép. Rhopalocères). *Annales de la Société entomologique de France* 94(3): 333-354, 2 tabs. (30 September) [general; life histories; new taxa: *A. brasiliensis* female aberration *fuliginosa*, *A. genitrix* male aberration *subrubicunda*, *A. g.* female aberration *moesa*, *A. parapeles* female variety *fumida*, *A. p.* male variety *hippea*; Brazil]
1928. Contribution a l'étude des rhopalocères américains. *Annales de la Société entomologique de France* 97(3/4): 369-388 (31 December) [general; life history; new taxa: *Papilio agavus* male aberration *furvescens*, *Terias arbela* male aberration *rubella*, *T. a.* aberration *lurida*, *T. tenella* male aberration *argia*, *T. t.* male aberration *cissa*, *T. elathea* female aberration *incana*, *T. e.* form *gracilis*, *T. phiale* female aberration *flavomaculata*, *T. raymundoi*, *Heliconius phyllis* aberration *miletus*, *H. mayi*, *Placidina*; Neotropics]
1930. Etude sur le genre *Terias* (2me. note). *Revista chilena de Historia natural* 33: 421-427, fig. 97 ("1929", 27 February 1930) [general; new species: *T. porteri*; West Indies, Central and South America]
- 1931a. Beiträge zur Schmetterlings-Fauna Süd-Amerikas. *Entomologische Zeitschrift* 45(4): 59-62, 3 figs. (22 May) [general; new taxa: *Actinote rhodope* aberration *tenuilimbata*, *Callicore difascia*; Brazil, Colombia]
- 1931b. Quelques notes pour servir a l'histoire naturelle des lépidoptères américains. *Lambillionea* 31(5): 83-88 (25 May) [general; life history; *Adelpha cocala riola* new aberration *chlide*; Bolivia, Ecuador, Brazil, Paraguay, Colombia]
- 1931c. Bemerkungen über einige Schmetterlinge aus Brasilien. *Entomologische Zeitschrift* 45(16): 232-235, 3 figs. (22 November) [general; new species: *Dismorphia dissimulata*, *D. aenigma*]
- 1932a. Les Erycinides du Brésil. *Lambillionea* 32(1): 13-14, 1 fig. (25 January) [general; new species: *Aricoris* (?) *ambigua*]
- 1932b. Etude sur le genre *Terias* (3e. note). *Bulletin de la Société entomologique de France* 37(3): 44-47, 1 pl. (15 March) [general; new taxa: *T. proterpia* female aberration *imitatrix*, *T. phiale* form *majorina*; République Dominicaine, South America]
- 1932c. Quelques légères remarques sur plusieurs groupes supérieurs des lépidoptères américains. *Lambillionea* 32(8/9): 166-171 (25 September) [general; classification]
- 1933a. Recherches biologiques sur les papillons du Brésil. *Annales de la Société entomologique de France* 102(2): 173-179 (30 June) [*Adelpha iphicla ephesa* (Ménétriés): egg, larva, pupa]
- 1933b. Les chenilles des genres *Hemiargus* et *Leptotes* (Lep. Lycaenidae). *Lambillionea* 33(11): 230-236 (25 November) [general; *H. (L.) cassius* (Cramer), *H. gys zachaeina* (Butler) (?): host plants; eggs, larvae, pupae, imagines; behavior; Brazil]
- 1934a. Etude sur le genre *Terias* (4e note) (Lep. Pieridae). *Bulletin de la Société entomologique de France* 38(19): 298-300 (4 February) [new species: *T. riograndensis*, *T. pseudoleuce*; Brazil, Trinidad, Bolivia]
- 1934b. Etude sur le genre *Dismorphia* Hubn. (Lep. Pieridae). *Bulletin de la Société entomologique de France* 38(19): 300-304 (4 February) [new taxa: *D. limnorina hoffmanni*, *D. melite liberata*, *D. m. clarissa* aberration *simulatrix*, *D. m. c.* aberration *flavescens*; Brazil]
- 1934c. Zwei neue Schmetterlinge aus Brasilien. *Entomologische Zeitschrift* 48(12): 90-92, 3 figs. (22 September) [*Actinote travassosi*, *Callicore lyde*]
- 1934d. Studien über die Gattung *Terias*. Fünfte Note. *Entomologische Zeitschrift* 48(15): 115-118, 1 pl. (8 November) [general; new taxa: *T. lye*, *T. thymetus* variety *pauperata*, *T. graduata* variety *clarescens*; Neotropics]

- 1935a. Les *Actinote* de la partie orientale de l'Amérique du Sud. *Annaes da Academia brasileira de Sciencias* (Rio de Janeiro) 7(1): 69-88 (31 March), (2): 89-112, 13 pls., 2 tabs. (30 June) [general; new taxa: *Actinote pellene* variety *carycinoides*, *A. p. nordestina*, *A. carycina* variety *hoffmanni*, *A. c.* variety *differens*, *A. brasiliensis* variety *discolora*, *A. b.* variety *notabilis*, *A. rhodope* variety *fuscata*, *A. parapeles* male aberration *discrepans*, *A. p.* male aberration *umbrata*; eggs, larvae, pupae, imagines; host plants; Brazil, Argentina]
- 1935b. Lista dos lepidópteros capturados pelo Dr. R. v. Ihering no Nordeste do Brasil. *Revista de Entomologia* (Rio de Janeiro) 5(3): 326-328 (31 August) [general]
- 1935c. Nota suplementar ao nosso artigo sobre o genero *Actinote* Hubn. *Revista de Entomologia* (Rio de Janeiro) 5(4): 486-488, 5 figs. (30 November) [general; larvae; Argentina, Paraguay]
- 1935d. Lepidópteros do Nordeste do Brasil. *Revista de Entomologia* (Rio de Janeiro) 5(4): 503-504 (30 November) [*Ascia monuste orseis* (Godart), *Catopsilia eubule eubule* (Linnaeus)]
- 1935e. *Terias plagiata*, nov. nom. (Lep. Pieridae). *Revista de Entomologia* (Rio de Janeiro) 5(4): 504 (30 November) [for *T. gracilis* d'Almeida; Brazil]
- 1936a. Revisão das *Terias* americanas (Lepid.: Pieridae). Parte I. *Memorias do Instituto Oswaldo Cruz* (Rio de Janeiro) 31(1): 11-54, 17 pls. (February) [general; new taxa: *Terias rubricata* (new name for *T. arbella* aberration *rubella* d'Almeida), *T. xystra*; Neotropics]
- 1936b. Revisão das *Terias* americanas (Lepid.: Pieridae). Parte II. *Memorias do Instituto Oswaldo Cruz* (Rio de Janeiro) 31(2): 189-347, 18 pls. (April) [general; eggs, larvae, pupae, imagines; host plants; Neotropics]
- 1936c. Une nouvelle espèce d'*Iphiclides* (*Papilio*) du Brésil (Fam. Papilionidae). *Festschrift für Prof. Dr. Embrik Strand* (Riga) 1: 510-513, 4 figs. (17 October) [*I. (P.) embrikstrandii*]
- 1937a. Une nouvelle espèce d'*Iphiclides* (*Papilio*) du Pará. *O Campo* (Rio de Janeiro) 8(85): 58 (January) [*I. aguiari*; Brazil]
- 1937b. Excursão científica aos rios Cuminá e Trombetas. *Memorias do Instituto Oswaldo Cruz* (Rio de Janeiro) 32(2): 235-298, 5 pls. (June) [general; ecology; behavior; Brazil]
- 1937c. Notes synonymiques sur les lépidoptères américains. *Lambillionea* 37(12): 251-257 (25 December) [general; *Eteona tisiphone* new female aberration *nigra*; Brazil]
- 1938a. Revisão do gênero *Pseudopieris* G. & S. In: *Livro Jubilar Professor Lauro Travassos* (Rio de Janeiro), pp. 25-32, 2 pls., 2 figs. (March) [general; Mexico, Central and South America]
- 1938b. *Uma nova espécie do gênero Iphiclides* (Fam. Papilionidae). In: *Livro Jubilar Professor Lauro Travassos* (Rio de Janeiro), pp. 33-35, 3 figs. (March) [*I. travassosi*; Brazil]
- 1938c. Dois novos gêneros da sub-familia "Ithomiinae" (Lep.: Rhop.). *Brasil-Médico* (Rio de Janeiro) 52(17): 412 (23 April) [*Epityches*, *Garsauritis*]
- 1938d. Um novo gênero da sub-familia Danainae e um novo synonymo para o gênero *Anosia* Hubn. (Lep. Danidae). Nota previa. *O Campo* (Rio de Janeiro) 9(102): 41 (June) [*Diogas*]
- 1938e. Nota suplementar à "Revisão das *Terias* americanas" (Lepid.: Pieridae). *Memorias do Instituto Oswaldo Cruz* (Rio de Janeiro) 33(2): 231-247, 3 pls. (July) [general; Neotropics]
- 1938f. Estudo sobre três gêneros da sub-familia Ithomiinae (Lepid.: Rhop.). *Memorias do Instituto Oswaldo Cruz* (Rio de Janeiro) 33(3): 381-394, 3 pls. (October) [*Placidula euryanassa* (Felder), *Garsauritis xanthostola* (Bates), *Epityches eupompe* (Geyer); eggs, larvae, pupae, imagines; host plants; behavior; ecology; distribution; Brazil, Argentina]
- 1938g. Revisão do gênero *Anteos* Hübn. (Lepid.: Pieridae). *Memorias do Instituto Oswaldo Cruz* (Rio de Janeiro) 33(4): 567-579, 3 pls. (December) [general; behavior; ecology; Neotropics]
- 1939a. Revisão do gênero *Appias* (subgên. *Glutophrissa* Butl.) (Lepidoptera). *Boletim biológico* (São Paulo) 4(1): 50-66, pls. 3-4, 8 figs. (March) [general; new name: *Appias* (*Glutophrissa*) *drusilla punctifera*, for *Tachyris molpadia* Dewitz, nec Hübner; eggs, larvae, pupae, imagines; behavior; ecology; Neotropics]
- 1939b. Contribution a l'étude des Mechanitidae (Lep. Rhopalocera, Danaoidea). 1re note. *Lambillionea* 39(4): 78-81 (25 April) [general; new name: *Ithomia lichi*; Brazil, Venezuela, French Guiana]
- 1939c. Lepidópteros ropalóceros. *Boletim biológico* (São Paulo) 4(2): 268 (31 May) [general; Brazil]
- 1939d. Revisão das espécies americanas da superfamilia Danaoidea (Lepid.: Pieridae [sic]). Parte 1 - Familia Danaidae, subfam. Danainae. *Memorias do Instituto Oswaldo Cruz* (Rio de Janeiro) 34(1): 1-113, 30 pls. (June) [general; eggs, larvae, pupae, imagines; behavior; ecology; Neotropics]
- 1939e. Contribuição ao estudo dos Mechanitidae (Lep. Rhopalocera). Segunda nota. *Revista de Entomologia* (Rio de Janeiro) 10(2): 227-281 (4 September) [general; new taxa: *Rhodussa*, *Hypothyris poemne*; Brazil]
- 1939f. Revisão do gênero *Aphrissa* Butl. (Lepid., Pieridae). *Boletim biológico* (São Paulo) 4(3): 423-443, pls. 5-8 (30 September) [general; new subspecies: *A. statira cubana*; behavior; ecology; Neotropics]
- 1940a. Revisão do gênero *Phoebis* Hübn. (Lepidopt. Pieridae). *Arquivos de Zoologia do Estado de São Paulo* 1(3): 67-152, 12 pls. (10 May) [general; eggs, larvae, pupae, imagines; behavior; distribution; Neotropics]
- 1940b. Contribuição ao estudo dos Mechanitidae (Lep. Rhopalocera). Terceira nota. *Revista de Entomologia* (Rio de Janeiro) 11(3): 758-766, pls. 22-23, 17 figs. (31 December) [general; new taxa: *Gelotophye*, *Ithomia neivai*, *I. zikani*, *I. oiticica*; Brazil, Peru]
- 1941a. Algumas observações sobre a fauna de lepidópteros da América. *Arquivos de Zoologia do Estado de São Paulo* 2(11): 299-318, 2 pls. (3 January) [general; taxonomy, morphology]
- 1941b. Uma nova subespécie de *Iphiclides telesilaus* (Felder, 1864). *Arquivos de Zoologia do Estado de São Paulo* 2(12): 319-320, pl. 1 (13 January) [general; *I. t. salobrensis*; Brazil]
- 1941c. Contribuição para o conhecimento da biologia do *Phyciodes hermas* (Hew., 1864) (Lepidoptera, Nymphalidae). *Arquivos de Zoologia do Estado de São Paulo* 2(13): 321-324, pl. 1 (13 January) [general; egg, larva, pupa, imago; host plant; behavior; ecology; Brazil]
- 1941d. Contribuição ao estudo dos Mechanitidae (Lep. Rhopalocera) (4a. nota). *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 1(12): 79-85, 12 figs. (27 February) [general; taxonomy; Brazil, Bolivia, Colombia]
- 1942a. Ligeiras notas sobre alguns papilionídeos americanos (Lep. Rhop.). *Arquivos do Museu paranaense* (Curitiba) 2(4): 29-33 (July) [general; taxonomy; *Battus* (*Parides*) *orophobus*, nomen novum]
- 1942b. Alguns tipos de gêneros da ordem Lepidoptera. 1a. nota: Rhopalocera, fam. Mechanitidae. *Papéis avulsos do*

- Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 2(14): 179-196 (7 December) [general; nomenclature]
- 1943a. Alguns tipos de gêneros da ordem Lepidoptera. 2a. nota: Rhopalocera, fam. Pierididae. *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 3(5): 73-105 (4 June) [general; nomenclature]
- 1943b. Algumas observações sobre o *Actinote morio* Oberthuer, 1917 (Lep. Heliconiidae, Acraeinae). *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 3(6): 107-109, 3 figs. (10 June) [morphology; Brazil]
- 1943c. Dois novos Mechanitidae do Brasil (Lep. Mechanitidae). *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 3(9): 165-166, 2 figs. (14 June) [*Melinaea clara juruaensis*, *Hypoleria parcilimbata*]
- 1944a. Nota suplementar à "Revisão das espécies americanas da superfamília Danaoidea". *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 4(3): 37-70, 3 pls. (1 April) [general; *Anosia eresimus ares*, *nomen novum*; Neotropics]
- 1944b. Estudos biológicos sobre alguns lepidópteros do Brasil. *Arquivos de Zoologia do Estado de São Paulo* 4(2): 33-72, 3 pls. (9 September) [general; eggs, larvae, pupae; host plants]
- 1944c. Nota suplementar à "Revisão do gênero *Phoebis* Huebner". *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 27: 1-16 (8 November) [general; Neotropics]
- 1944d. Segunda nota suplementar à "Revisão das *Terias* americanas". *Arquivos de Zoologia do Estado de São Paulo* 4(3): 73-95, 1 pl. (11 November) [general; Neotropics]
- 1944e. Algumas notas sobre a fauna de lepidópteros de Monte Alegre. *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 6(3): 21-27 (14 November) [general; host plants; Brazil]
- 1945a. Revisão do gênero *Xanthocleis* Boisd., 1870 (Lep. Mechanitidae = Ithomiidae). *Arquivos de Zoologia do Estado de São Paulo* 4(4): 97-112, 3 pls. (21 March) [general; Neotropics]
- 1945b. Nota suplementar aos nossos trabalhos sobre os gêneros *Pseudopieris*, *Anteos*, *Appias* e *Aphrissa* (Lep. Pierididae). *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 6(21): 225-240, 1 fig. (14 May) [general; Neotropics]
- 1945c. Novos Ithomiidae da fauna brasileira (Lepidoptera Rhopalocera). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 39: 1-13, 3 pls. (27 September) [*Hypothyris niphias*, *H. daphnis*, *H. daphnoides*, *H. mayi*, *H. ninyas*, *H. iberina*, *H. colophonina*, *H. fenestella nonia*, *Rhodussa cantobrica nundina*, *Garsauritis xanthostola bellatula*, *Hyposcada cynara*, *Melinaea marsaeus pothete*; Brazil]
1946. Novo nome para o gênero *Vila* Kirby, 1781 [sic] (Lep. Nymphalidae). *Agronomia* (Niterói) 4(3): 4 ("July- September 1945", 12 January 1946) [*Lonia*]
- 1950a. Ligeiras notas sobre Ithomiidae da América do Sul (Lep., Ithomiidae). *Anales del Instituto de Biología de México* 20(1/2): 393-397, 3 figs. ("1949", 10 January 1950) [general; new taxa: *Mechanitis elisa acreana*, *Dircenna acreana*; Colombia, Ecuador, Peru, Bolivia, Brazil]
- 1950b. Nota retificativa e adicional sobre alguns tipos de gêneros e sobre a nomenclatura de alguns grupos superiores publicados por nós em 1942, 1943 e 1944. *Revista de Entomologia* (Rio de Janeiro) 21(1/2): 223-224 (10 August) [general; Pieridae, Ithomiinae]
- 1951a. Algumas considerações sobre os gêneros *Mechanitis* Fabr. e *Melinaea* Huebn. (Lep. Ithomiidae). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 100: 1-27, 5 pls. (31 January) [classification; new taxa: *Mechanitis egaensis obumbrata*, *M. travassosi*, *M. oiticica*, *M. fallax pothetoides*, *M. foxi*, *Melinaea mayi*, *M. acreana*, *M. madeira equatoriensis*, *M. hicetas eryx*; Neotropics]
- 1951b. Uma nova espécie de *Actinote* do sul do Brasil (Lepidoptera Heliconiidae, Acraeinae). *Arquivos do Museu nacional* (Rio de Janeiro) 42(1): 3-5, 5 figs. ("1", 5 May) [*A. zikani*, *A. morio* Oberthür]
- 1951c. Ligeiras observações sobre o gênero *Cithaeris* Hübner, 1819 (Lep. Satyridae). *Arquivos de Zoologia do Estado de São Paulo* 7(10): 493-505, 2 pls., 1 fig. (11 June) [general; new taxa: *Cithaeris similigena*, *C. juruaensis*, *Dulcedo*; Costa Rica, Colombia, French Guiana, Peru, Brazil]
- 1951d. Algumas notas sobre os gêneros *Hypoleria* e *Napeogenes* (Lep. Ithomiidae). *Revista de la Sociedad entomológica argentina* 15(1/3): 190-200, pls. 1-4 (20 October) [new species: *Hypoleria goiana*, *H. jaruensis*, *H. olerioides*, *H. brevicula*, *H. jamariensis*, *H. chresta*, *Napeogenes jamariensis*, *N. gryne*; Brazil, Peru]
- 1952a. Duas novas subespécies de Rhopalocera da América (Lep. Satyridae e Nymphalidae). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 114: 1-3, 1 pl. (15 September) [*Dynamine mylitta mexicana*, *Euptychia ocirrhoe interjecta*; Mexico, Brazil]
- 1952b. Novas espécies sul-americanas da família Ithomiidae (Lep. Rhopalocera). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 115: 1-4, 2 pls. (15 September) [*Hypothyris violantilla*, *Ithomia arduinna*, *Hyposcada olerioides*; Brazil, Bolivia]
1954. Uma nova espécie do gênero *Rhodussa* d'Almeida, 1939 (Lepidoptera, Ithomiidae). *Revista brasileira de Entomologia* (São Paulo) 1: 113-114, 1 fig. (March) [*R. carvalhoi*; Brazil]
- 1956a. Algumas notas sobre Rhopalocera do Brasil (Lep.). *Revista brasileira de Entomologia* (São Paulo) 5: 197-201, 4 figs. (15 June) [general; new subspecies: *Brassolis sophorae dinizi*]
- 1956b. Notas sinonímicas sobre Ithomiidae (Lepidoptera, Rhopalocera). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 143: 1-18, 21 figs. (24 September) [general; new subspecies: *Ceratinia nise zikani*; Brazil]
- 1958a. Espécies e subespécies novas de Ithomiidae (Lepidoptera-Rhopalocera). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 173: 1-17, 12 figs. (3 January) [*Napeogenes paruensis*, *N. sylphis acreana*, *Hypothyris honesta acreana*, *H. meterus arpi*, *Callithomia travassosi*, *C. juruaensis*, *Hypoleria plisthenes*, *H. novaesi*, *H. mulviana*, *H. exornata*, *Heterosais edessa covella*; Brazil, Ecuador]
- 1958b. Ligeiras notas sobre algumas *Actinote* do sudeste do Brasil (Lepidoptera-Rhopalocera). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 178: 1-7, 1 fig. (30 May) [general]
- 1960a. Estudos sobre algumas espécies da família Ithomiidae (Lepidoptera Rhopalocera). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 215: 1-31, 10 pls. (2 January) [general; Brazil, Guyana, Ecuador, Colombia]
- 1960b. Terceira nota suplementar a nossa revisão do gênero *Eurema* Hübner, 1819. Lepidoptera-Pieridae. *Revista brasileira de Entomologia* (São Paulo) 9: 81-108 (21 May) [general; Neotropics]
1961. Descrição da verdadeira fêmea de *Anthoptus epictetus* (Fabricius, 1793) (Lepidoptera, Hesperidae, Hesperinae). *Revista brasileira de Entomologia* (São Paulo) 10: 33-35, 2 figs. (26 December) [Brazil]
1962. Descrição de duas novas espécies de Ithomiidae do



- gênero *Oleria* (Lepidoptera, Rhopalocera). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 229: 1-4, 2 figs. (3 January) [*O. machadoi*, *O. similigena*; Brazil]
1964. Novos Ithomiidae brasileiros (Lepidoptera-Rhopalocera). *Boletim do Museu nacional (Zoologia)* (Rio de Janeiro) 252: 1-6, 4 figs. (10 December) [*Ceratinia giparanaensis*, *Oleria itacoaiensis*, *O. pitonia*, *O. placidina*]
1966. *Catálogo dos Papilionidae americanos*. São Paulo, Sociedade Brasileira de Entomologia. 366 pp. (25 May) [general; host plants; behavior; ecology]
1967. Nova espécie de Papilionidae: *Battus (Parides) castilhoi* sp. n. *Revista brasileira de Entomologia* (São Paulo) 12: 89-90, 2 figs. (February) [Brazil]
1968. Biologia de *Papilio scamander gayi* Boisd., 1836 (Lep. Papilionidae). *Anais. I Reunião anual da Sociedade brasileira de Entomologia* (Piracicaba), p. 15. [abstract; host plants; larva; Brazil]
1970. See Brown, K. S., Jr. & R. F. d'Almeida, 1970.
1972. Notas sobre Pieridae americanos (Lepidoptera). *Acta biológica paranaense* (Curitiba) 1(1/2): 51-72 (after 4 October) [general]
1973. Notas sobre Ithomiidae e Danaidae americanos (Lepidoptera). *Atas da Sociedade de Biologia do Rio de Janeiro* 16(2/3): 73-81 (20 June) [general]
1976. Observações sobre Rhopalocera do Brasil das famílias Ithomiidae e Hesperidae (Lepidoptera). *Dusenya* (Curitiba) 9(2): 47-51, 10 figs. (25 August) [*Oleria machadoi* d'Almeida, *O. similigena* d'Almeida; new species: *Chrysoplectrum cuminaensis*; pupa]
1978. *Catálogo dos Ithomiidae americanos (Lepidoptera)*. Curitiba, Author. [4] + 405 pp.
- D'Almeida, Romualdo Ferreira, and Richard Middleton Fox**
1941. A revision of the genus *Sais* Hübner (Lepidoptera: Ithomiinae). *Reading public Museum scientific Publications* 3: 1-5, 1 pl., 3 figs. (23 October) [general; South America, Panama]
- D'Almeida, Romualdo Ferreira, and Olaf Hermann Hendrik Mielke**
1967. Três espécies novas de "Ithomiidae" brasileiros (Lepidoptera). *Atas da Sociedade de Biologia do Rio de Janeiro* 11(2): 71-73, 9 figs. (10 August) [general; *Pteronymia dentei*, *Episcada zajciwi*, *E. vitrea*]
- D'Almeida, Romualdo Ferreira, and José Oiticica Filho**
1946. An Opinion, placed before the International Commission on Zoological Nomenclature, on the status of trinomial combinations by Hübner. *Agronomia* (Niterói) 4(3): 25-27 ("July-September 1945", 12 January 1946)
1951. The International Commission on Zoological Nomenclature and the name of the Monarch butterfly. *Science* 113(2947): 728-729 (22 June) [general]
- Dalrymple, Marcus, and Carlos Federico Gottfried**
1995. Migration of the masses. *Geographical Magazine* (London) 67(3): 36-38, figs. (March) [*Danaus plexippus* (Linnaeus); Mexico]
- Dalton, Henry Gibbs** [1818-1874]
1855. *The History of British Guiana. Comprising a general description of the colony; a narrative of some of the principal events from the earliest period of its discovery to the present time; together with an account of its climate, geology, staple products, and natural history*. London, Longman, Brown, Green, and Longmans. 2: vii + 580 pp., 3 pls. [general; behavior]
- Dalton, Stephen** [1949- ]
1982. *Caught in motion. High-speed nature photography*. New York, Van Nostrand Reinhold Company. 160 pp., 148 + 1 figs. [general]
- Dalton, Stephen, George Igor Bernard and Andrew W. Mitchell**
1990. *Vanishing paradise*. London, Century. 176 pp., figs. [general]
- Daltry, Jennifer C.**
2009. Biodiversity assessment of Saint Lucia's forests, with management recommendations. *Technical Report. National Forest Demarcation and Bio-physical Resource Inventory Project*. Finnish Consulting Group International (Helsinki) 10. [general]
- D'Aluisio, Faith**
1998. See Menzel, P. & F. D'Aluisio, 1998.
- Dalvi, Leandro Pin**
- 2007a. See Pratisoli, D. et al., 2007a.
- 2007b. See Pratisoli, D. et al., 2007b.
2015. See Silva, D. M. N. et al., 2015.
- Damborsky, Miryam Pieri**
2005. See Bar, M. E. et al., 2005.
- 2008a. See Bar, M. E. et al., 2008a.
- 2008b. See Bar, M. E. et al., 2008b.
2011. See Lazzeri, M. G. et al., 2011.
2012. See Lazzeri, M. G. et al., 2012.
- Dambros, Cristian de Sales**
2011. See Ritter, C. D. et al., 2011.
- Dameron, Wanda**
2006. See Greeney, H. F. et al., 2006.
- Dameron, Wanda, and Ken Warner**
2002. Mismaloya, Mexico. *American Butterflies* 10(3): 20-23, figs. [general]
- Damián, Gabriela**
2013. See Cervantes, I. P. et al., 2013.
- Damián, Miguel Ángel**
2011. See Aragón, A. et al., 2011.
- Damián-Domínguez, Xóchitl**
2009. See Velázquez-López, R. et al., 2009.
- Damman, Antoni J.**
1981. See Brown, K. S., Jr. et al., 1981.
- Dampf, Alfons Ernst Alexius Michael** [1884-1948]
1924. Estudio morfológico del gusano del maguey. (*Acentroc-neme hesperiaris* Wlk.) (Lepidoptera, Megathymidae). *Revista mexicana de Biología* 4: 1-15, 10 figs. [Mexico]
1929. Informe de las actividades de la Oficina Federal para la Defensa Agrícola, durante los meses de enero a marzo de 1929. *Boletín mensual. Oficina federal para la Defensa agrícola* (Tacubaya, D.F.) 3(1/4): 68-95, 1 pl., 8 figs., 6 tabs. [*Thecla ortygus* (Cramer); host plant; Mexico]
- Dance, Stanley Peter** [1932- ]
2006. Vane-Wright, R. I. and Hughes, H. W. D. The Seymer legacy: Henry Seymer and Henry Seymer Jnr of Dorset and their entomological paintings, with a catalogue of butterflies and plants (1755-1783). 2005. *Archives of natural History* 33(1): 189-190 (April) [Jamaica; book review]
- Dance, Stanley Peter, and Edward Geoffrey Hancock**
1991. *Classic natural history prints. Butterflies, moths and other insects*. London, Studio Editions. 128 pp., 60 pls. [general]
- D'Andretta, Maria Aparecida Vulcano**
1952. See Carrera, M. & M. A. V. d'Andretta, 1952.
- Danesch, Othmar** [1919-2014]
1965. *Schmetterlinge. 1: Tagfalter. Das Vierfache Leben der Falter*. Stuttgart, Chr. Belser Verlag. 256 pp., 238 + 11 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Neotropics]
- Daney de Marcillac, Willy**
2018. See Gruson, H. et al., 2018.
- Danforth, Douglas Wayne** [1943- ]
2017. See Bailowitz, R. A. et al., 2017.
- D'Angelo, Wilfrido A.**
1938. Una mariposa dañina a la guayaba. *Almanaque del*

- Ministerio de Agricultura de la Nación* (Buenos Aires) 13: 345-348, 3 figs. [*Pyrrhopyge pelota* Plötz; egg, larva, pupa, imago; parasitoid; Argentina]
- Dangles, Olivier**  
2009a. See Barragán, A. R. et al., 2009.  
2009b. See Donoso, D. A. et al., 2009.
- Dangles, Olivier, Álvaro Rodrigo Barragán, Rafael Enrique Cárdenas, Giovanni Onore and Clifford Keil**  
2009. Entomology in Ecuador: Recent developments and future challenges. *Annales de la Société entomologique de France* (N.S.) 45(4): 424-436, 3 figs., 1 tab. (24 December) [general]
- Daniel, Hermano** - See González, Daniel.
- Danieli-Silva, Aline, Jana Magaly Tesserolli de Souza, Ana Julia Donatti, Ricardo Pamplona Campos, José Vicente-Silva, Leandro Freitas and Isabela Galarda Varassin**  
2012. Do pollination syndromes cause modularity and predict interactions in a pollination network in tropical high-altitude grasslands? *Oikos* 121(1): 35-43, 1 fig., 2 tabs. (January; published online 9 May 2011) [general; Brazil]
- Daniels, Greg**  
2005. See Lushai, G. et al., 2005.
- Daniels, Jaret Christian** [1968- ]  
1992. See Emmel, T. C. et al., 1992.  
2014. Status and conservation of the federally endangered Schaus Swallowtail Butterfly. *News of the Lepidopterists' Society* 56(3): 138-139, 4 figs. (August) [*Heraclides aristodemus ponceanus* (Schaus); Antilles]  
2017. See Lehnert, M. S. et al., 2017.  
2019. See Halbritter, D. A. et al., 2019.
- Daniels, Jaret Christian, James Akers Pence and Thomas Chadbourne Emmel**  
2005. A new hostplant record for *Strymon martialis* (Lycaenidae: Theclinae) in the Florida Keys. *Journal of the Lepidopterists' Society* 59(3): 174-175, 1 fig. (28 October) [Bahamas]  
2006a. Additional records of *Cyclargus ammon* (Lycaenidae: Lycaeninae) in the Florida Keys. *Journal of the Lepidopterists' Society* 60(2): 97-99, 1 fig. (31 July) [Bahamas, Cuba]  
2006b. Notes on the ovipositional behavior of *Leptotes cassius theonus* (Lycaenidae: Lycaeninae) in the lower Florida Keys. *Journal of the Lepidopterists' Society* 60(2): 99-100 (31 July) [Antilles]
- Daniels, Jaret Christian, Ernesto Rodríguez and J. Court Whelan**  
2008. The biology and immature stages of *Panacea procilla lysimache* (Lepidoptera: Nymphalidae) from Costa Rica, with the report of a new locality record. *Tropical Lepidoptera Research* 18(2): 70-73, 17 figs. (1 December) [egg, larva, pupa; hostplant]
- Dannatt, Walter** [1863-1940]  
1900. Description of a new species of *Dircenna* from Peru. *Entomologist* 33(450): 299, 1 fig. (November) [*D. barrettii*]  
1904a. Descriptions of three new butterflies. *Entomologist* 37(494): 173-174, pl. 7 (July) [*Chlorippe godmani*, *Monete johnstoni*; Venezuela, Guyana]  
1904b. [Notes]. *Proceedings of the entomological Society of London* 1904(4): liv-lv (23 December) [*Papilio homerus* Fabricius, *Chlorippe godmani* Dannatt, *Monete johnstoni* Dannatt; Venezuela, Guyana]  
1926. [A note]. *Proceedings of the South London entomological & natural History Society* 1925-26: 55. [general; South America]
- Danson, Jeff W.**  
2000. See Yack, J. E. et al., 2000.
- Dantas, Bento**  
1956. *Plano quadrienal para o estudo das principais doenças pragas de cana-de-açúcar em Pernambuco*. Recife, CCPCAEP. 58 pp. [*Cylo leda* (Linnaeus); Brazil]
- Dantas, Tatiana Bichara**  
2013. See Rocha, P. L. B. da et al., 2013.
- Dantas-Júnior, Ângelo Márcio Menezes**  
2011. See Lima, M. S. de et al., 2011.
- Dao, Federico**  
1962. See Báscones, L. et al., 1962.
- Dapkey, Tanya**  
2009. See Janzen, D. H. et al., 2009.  
2017. See Janzen, D. H. et al., 2017.  
2019. See Fleming, A. J. et al., 2019.
- Dapoto, Graciela**  
1994. See Giganti, H. et al., 1994.
- Dapoto, Graciela, Humberto Giganti, Mario Gentili and Mariano Bondoni**  
2003. Lepidópteros de los bosques nativos del Departamento de Aluminé (Neuquén-Argentina). II contribución. *Bosque* (Valdivia) 24(1): 95-112, 4 tabs. (January) [general; host plants]
- Dapporto, Leonardo**  
2018. See Balletto, E. et al., 2018.
- Dargas, Junior Henrique Frey**  
2016. See Souza, C. S. de et al., 2016.
- Darge, Michel**  
1975. Impressions d'un lépidoptériste en Amérique Centrale. *Alexanor* 9(3): 97-109, 4 figs. (8 October), (4) 149-152, figs. 5-6 (4 December) [general; geography; ecology; behavior]
- Darling, Chris**  
2000. See Williamson, M. & C. Darling, 2000.
- Darlington, Johanna P. E. C.**  
1988. Butterflies and other insects of the Eastern Caribbean. P. D. Stiling. 1986. *Living World* 1987-88: 48 (August) [general; book review]
- Darragh, Kathy**  
2019. See Martin, S. H. et al., 2019b.
- Darragh, Kathy, Kelsey J. R. P. Byers, Richard M. Merrill, William Owen McMillan, Stefan Schulz and Christopher David Jiggins**  
2019. Male pheromone composition depends on larval but not adult diet in *Heliconius melpomene*. *Ecological Entomology* 44(3): 397-405, 3 figs., 2 tabs. (June; published online 16 January) [host plants; Panama]
- Darragh, Kathy, Sohini Vanjari, Florian Mann, María F. González-Rojas, Colin R. Morrison, Camilo Andrés Salazar, Carolina Pardo-Díaz, Richard M. Merrill, William Owen McMillan, Stefan Schulz and Christopher David Jiggins**  
2017. Male sex pheromone components in *Heliconius* butterflies released by the androconia affect female choice. *PeerJ* 5(e3953): 1-23, 6 figs., 1 tab. (7 November) [general]
- Darrault, Reisla Oliveira, and Clemens Peter Schindwein**  
2005. Limited fruit production in *Hancornia speciosa* (Apocynaceae) and pollination by nocturnal and diurnal insects. *Biotropica* 37(3): 381-388, 4 figs., 2 tabs. (September) [general; Brazil]
- Darwin, Charles Robert** [1809-1882]  
1839. *Narrative of the surveying voyages of His Majesty's ships Adventure and Beagle, between the years 1826 and 1836, describing their examination of the Southern shores of South America, and the Beagle's circumnavigation of the Globe. 3. Journal and Remarks*. 1832-1836. London, Henry Colburn. xiv + 629 + 609-615 pp., figs., 2 maps. [general; Brazil, Argentina]

- 1863a. Contributions to an insect fauna of the Amazon Valley. By Henry Walter Bates, Esq. *Natural History Review* (N.S.) 3(10): 219-224 (April) [general; review]
- 1863b. The Naturalist on the Amazons. *Natural History Review* (N.S.) 3: 385-389 (July) [book review; *Heliconius*; Brazil]
- Das, Debashree.**  
2018. See Rodríguez, R. E. et al., 2018.
- Dasgupta, Neil P.**  
2018. See Rodríguez, R. E. et al., 2018.
- Dasmahapatra, Kanchon Kumar**  
2003. See Blum, M. J. et al., 2003.  
2007. See Elias, M. et al., 2007.  
2012a. See Nadeau, N. J. et al., 2012.  
2012b. See Hill, R. I. et al., 2012.  
2012c. See Mallet, J. L. B. & K. K. Dasmahapatra, 2012.  
2013a. See Nadeau, N. J. et al., 2013.  
2013b. See Mérot, C. et al., 2013.  
2013c. See Briscoe, A. D. et al., 2013.  
2013d. See Martin, S. H. et al., 2013.  
2013e. See Supple, M. A. et al., 2013.  
2014. See Rosser, N. et al., 2014.  
2015a. See Keightley, P. D. et al., 2015.  
2015b. See Kozak, K. M. et al., 2015.  
2015c. See Merrill, R. M. et al., 2015.  
2016a. See Wallbank, R. W. R. et al., 2016.  
2016b. See Zhang, W. et al., 2016.  
2016c. See Davey, J. W. et al., 2016.  
2017. See Mann, F. et al., 2017.  
2018. See Jay, P. et al., 2018.  
2019a. See Rosser, N. et al., 2019a.  
2019b. See Morris, J. et al., 2019.  
2019c. See Rosser, N. et al., 2019b.  
2019d. See Edelman, N. B. et al., 2019.
- Dasmahapatra, Kanchon Kumar, Michael J. Blum, Annette Aiello, Stuart Hackwell, Neil Davies, Eldredge P. Bermingham and James Louis Borlase Mallet**  
2002. Inferences from a rapidly moving hybrid zone. *Evolution* 56(4): 741-753, 7 figs., 8 tabs. (9 May) [*Anartia fatima* (Fabricius), *A. amatheia* (Linnaeus); Panama]
- Dasmahapatra, Kanchon Kumar, Marianne Elias, Ryan I. Hill, Joseph Ivan Hoffman and James Louis Borlase Mallet**  
2010a. Mitochondrial DNA barcoding detects some species that are real, and some that are not. *Molecular Ecology Resources* 10(2): 264-273, 2 figs., 2 tabs. (March; published online 12 October 2009) [*Mechanitis*; South America]
- Dasmahapatra, Kanchon Kumar, Gerardo Lamas, Fraser Simpson and James Louis Borlase Mallet**  
2010b. The anatomy of a 'suture-zone' in Amazonian butterflies: a coalescent-based test for vicariant biogeographic divergence and speciation. *Molecular Ecology* 19(19): 4283-4301, 6 figs., 3 tabs. (October; published online 31 August) [general; *Heliconiini*, *Ithomiini*; evolution; Peru]
- Dasmahapatra, Kanchon Kumar, and James Louis Borlase Mallet**  
2006. DNA barcodes: recent successes and future prospects. *Heredity* 97(4): 254-255 (October; published online 21 June) [general]
- Dasmahapatra, Kanchon Kumar, Armando Silva-Vásquez, Jae-Woo Chung and James Louis Borlase Mallet**  
2007. Genetic analysis of a wild-caught hybrid between non-sister *Heliconius* butterfly species. *Biology Letters* 3(6): 660-663, 2 figs., 1 tab. (22 December) [*H. ethilla aerotome* Felder & Felder, *H. melpomene amaryllis* Felder & Felder; Peru]
- Dasmahapatra, Kanchon Kumar, James R. Walters, Adriana Danielle Briscoe, John W. Davey, Annabel C. Whibley, Nicola J. Nadeau, Aleksey V. Zimin, Daniel S. T. Hughes, Laura C. Ferguson, Simon H. Martin, Camilo Andrés Salazar, James J. Lewis, Sebastian Adler, Seung-Joon Ahn, Dean A. Baker, Simon Wade Baxter, Nicola L. Chamberlain, Ritika Chauhan, Brian A. Counterman, Tamas Dalmay, Lawrence Edmund Gilbert, Karl Gordon, David G. Heckel, Heather M. Hines, Katharina J. Hoff, Peter W. H. Holland, Emmanuelle Jacquin-Joly, Francis M. Jiggins, Robert T. Jones, Durrell D. Kapan, Paul Kersey, Gerardo Lamas, Daniel Lawson, Daniel Mapleson, Luana Santoro Maroja, Arnaud Martin, Simon Moxon, William J. Palmer, Riccardo Papa, Alexie Papanicolaou, Yannick Pauchet, David A. Ray, Neil Rosser, Steven L. Salzberg, Megan Ann Supple, Alison K. Surridge, Ayşe Tenger-Trolander, Heiko Vogel, Paul A. Wilkinson, Derek Wilson, James A. Yorke, Furong Yuan, Alexi L. Balmuth, Cathlene Eland, Karim Gharbi, Marian Thomson, Richard A. Gibbs, Yi Han, Joy C. Jayaseelan, Christie Kovar, Tittu Mathew, Donna M. Muzny, Fiona Onger, Ling-Ling Pu, Jiaxin Qu, Rebecca L. Thornton, Kim C. Worley, Yuan-Qing Wu, Mauricio Linares, Mark L. Blaxter, Richard H. French-Constant, Mathieu Joron, Marcus R. Kronforst, Sean P. Mullen, Robert D. Reed, Steven E. Scherer, Stephen Richards, James Louis Borlase Mallet, William Owen McMillan and Christopher David Jiggins**  
2012. Butterfly genome reveals promiscuous exchange of mimicry adaptations among species. *Nature* (London) 487(7405): 94-98, 4 figs. (5 July; published online 16 May) [*Heliconius*; evolution; Central and South America]
- Dathe, Wilfried**  
2002. See Vasconcelos, D. & W. Dathe, 2002.
- Daubenton, Louis Jean-Marie** [1716-1800]  
1765a. *Papillon*, pp. 872-876. In: Diderot, D. & J. LeR. D'Alembert (Eds.), *Encyclopédie ou Dictionnaire Raisonné des Sciences, des Arts et des Métiers, par une Société de Gens de Lettres*. Neufchâtel, Samuel Faulche & Compagnie. 11: [2] + 963 pp. [Ed. 2, 1768] [general]  
1765b-66. [*Miscellanea*]. Paris. (1): pls. 1-24 (1765), (2): pls. 25-49 (1765), (3): pls. 50-73 (1765), (4): pls. 74-97 (1766) [general]  
1768. [*Insectes*], pp. 11-16, pls. 75-85. In: Diderot, D. & J. LeR. D'Alembert (Eds.), *Recueil des Planches sur les Sciences, les Arts Libéraux et les Arts Mécaniques, avec leur explication*. Paris, Briasson, David & le Breton. 6: [4] + 150 pp., 272 pls. In: *Encyclopédie ou Dictionnaire...* [cf. above] [Ed. 2., 1770] [general]
- Dauphin, David**  
2005. See Dauphin, J. et al., 2005.
- Dauphin, Jan, David Dauphin, Edward C. Knudson and Charles William Bordelon, Jr.**  
2005. Three new butterflies new to the United States from south Texas. *News of the Lepidopterists' Society* 47(2): 43-46, 19 figs. (15 June) [*Melete lycimnia isandra* (Boisduval), *Itaballia demophile centralis* Joicey & Talbot, *Greta morgane oto* (Hewitson); distribution; Mexico]
- Dauzat, ?**  
1866. Tissu soyeux ourdi par des vers d'une espèce particulière qui vivent sur l'arbousier. *Comptes Rendus hebdomadaires des Séances de l'Académie des Sciences* (Paris) 62(8): 400-401 (reprinted in Guérin-Méneville, 1866a, b, q.v.) [*Eucheira socialis* Westwood; Mexico]
- Davenport, Demorest D.** [1926- ], and Vincent Gaston Dethier  
1938. Bibliography of the described life-histories of the Rhopa-

- locera of America north of Mexico 1889-1937. *Entomologica americana* 17(4): 155-194 (30 June) [general; Mexico]
- Davenport, Kenneth E.**  
1988. New distribution records and a probable new larval host plant for *Philotes sonorensis* (Lycaenidae) in Kern and Tulare counties, California. *Journal of the Lepidopterists' Society* 42(4): 291-292, 1 fig. (6 December) [Mexico]  
2015. See Proshek, B. et al., 2015.
- Davey, John W.**  
2012a. See Nadeau, N. J. et al., 2012.  
2012b. See Dasmahapatra, K. K. et al., 2012.  
2013. See Nadeau, N. J. et al., 2013.  
2015a. See Keightley, P. D. et al., 2015.  
2015b. See Martin, S. H. et al., 2015.  
2015c. See Merrill, R. M. et al., 2015.  
2017. See Pinharanda, A. L. et al., 2017.  
2019a. See Martin, S. H. et al., 2019a.  
2019b. See Pinharanda, A. L. et al., 2019.  
2019c. See Merrill, R. M. et al., 2019.  
2019d. See Martin, S. H. et al., 2019b.  
2019e. See Edelman, N. B. et al., 2019.
- Davey, John W., Sarah L. Barker, Pasi M. Rastas, Ana L. Pinharanda, Simon H. Martin, Richard Durbin, William Owen McMillan, Richard M. Merrill and Christopher David Jiggins**  
2017. No evidence for maintenance of a sympatric *Heliconius* species barrier by chromosomal inversions. *Evolution Letters* 1(3): 138-154, 3 figs., 4 tabs. (August; published online 14 June) [*H. melpomene* (Linnaeus), *H. cydno* (Doubleday)]
- Davey, John W., Mathieu Chouteau, Sarah L. Barker, Luana Santoro Maroja, Simon Wade Baxter, Fraser Simpson, Richard M. Merrill, Mathieu Joron, James Louis Borlase Mallet, Kanchon Kumar Dasmahapatra and Christopher David Jiggins**  
2016. Major improvements to the *Heliconius melpomene* genome assembly used to confirm 10 chromosome fusion events in 6 million years of butterfly evolution. *G3 Genes Genomes Genetics* 6(3): 695-708, 4 figs., 2 tabs. (March; published online 15 January)
- David, Heriberto**  
[2013]. See Muriel, S. B. et al., [2013]b.
- Davidson, Claire**  
2010a. See Baxter, S. W. et al., 2010.  
2010b. See Ferguson, L. et al., 2010.  
2011. See Joron, M. et al., 2011.
- Davidson, William Mark**  
1964. See Rawson, G. W. & W. M. Davidson, 1964.
- Davies, Brent**  
1995. Field notes from a Costa Rican butterfly farm. *Wings* 18(1): 13-19, 3 figs. [general]
- Davies, John E.**  
1994. Rare and endemic plants, animals and habitats in the Cayman Islands, and related legislation. *Monographiae biologicae* 71: 527-541. [*Anaea echemus danieliana* Witt, *Hemiargus ammon erembi* Nabokov, *Brephidium exilis thompsoni* Carpenter & Lewis, *Papilio andraemon taylori* Rothschild & Jordan]
- Davies, Neil**  
1994. See Hernández, L. R. et al., 1994.  
1998a. See Jiggins, C. D. & N. Davies, 1998.  
1998b. See Smith, D. S. et al., 1998.  
2002. See Dasmahapatra, K. K. et al., 2002.
- Davies, Neil, Annette Aiello, James Louis Borlase Mallet, Andrew Pomiankowski and Robert Elliot Silberglied**  
1997. Speciation in two neotropical butterflies: extending Haldane's rule. *Proceedings of the royal Society of London (B)* 264(1383): 845-851, 4 figs., 1 tab. (22 June) [*Anartia fatima* (Fabricius), *A. amathea* (Linnaeus); Panama]
- Davies, Neil, and Eldredge P. Bermingham**  
2002. The historical biogeography of two Caribbean butterflies (Lepidoptera: Heliconiidae) as inferred from genetic variation at multiple loci. *Evolution* 56(3): 573-589, 7 figs., 4 tabs. (12 April) [*Dryas iulia* (Fabricius), *Heliconius charithonia* (Linnaeus); West Indies]
- Davies, Neil, and David Spencer Smith**  
1998. Munroe revisited: a survey of West Indian butterfly faunas and their species-area relationship. *Global Ecology and Biogeography Letters* 7(4): 285-294, 3 figs., 2 tabs. (July) [general]  
1999. Erratum. *Global Ecology and Biogeography Letters* 8(1): 80 (January)
- Dávila-Mata, Luis Javier**  
2019. See Calyecac-Cortero, H. G. et al., 2019.
- Davis, Andrew K.**  
2004a. See Meitner, J. C. et al., 2004.  
2004b. See Howard, E. & A. K. Davis, 2004.  
2008. See Brindza, L. J. et al., 2008.  
2009a. See Howard, E. & A. K. Davis, 2009.  
2009b. Wing color of monarch butterflies (*Danaus plexippus*) in Eastern North America across life stages: Migrants are "redder" than breeding and overwintering stages. *Psyche* (Cambridge) 2009(705780): 1-5, 4 figs., 1 tab. [Mexico]  
2010. See Altizer, S. M. & A. K. Davis, 2010.  
2011. See Howard, E. & A. K. Davis, 2011.  
2014. Intraspecific variation in wing colour is related to larval energy reserves in monarch butterflies (*Danaus plexippus*). *Physiological Entomology* 39(3): 247-253, 5 figs. (September; published online 23 July) [host plant; migration; Mexico]  
2015a. See Altizer, S. M. et al., 2015.  
2015b. See Howard, E. & A. K. Davis, 2015.
- Davis, Andrew K., Jean Chi, Catherine A. Bradley and Sonia M. Altizer**  
2012. The redder the better: Wing color predicts flight performance in monarch butterflies. *PLoS ONE* 7(7)(e41323): 1- 6, 4 figs. (25 July) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Davis, Andrew K., and Elizabeth Howard**  
2005. Spring recolonization rate of monarch butterflies in eastern North America: New estimates from citizen-science data. *Journal of the Lepidopterists' Society* 59(1): 1-5, 5 figs., 1 tab. (8 April) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Davis, Andrew K., and Eduardo Rendón**  
2010. Are female monarch butterflies declining in eastern North America? Evidence of a 30-year change in sex ratios at Mexican overwintering sites. *Biology Letters* 6(1): 45-47, 2 figs. (23 February; published online 23 September 2009) [*Danaus plexippus* (Linnaeus)]
- Davis, Donald**  
2002. Monarch recovering from severe January storm in Mexico. *Ontario Insects* 7(3): 58-59, 2 figs. (May) [*Danaus plexippus* (Linnaeus)]
- Davis, Donald R.**  
2009a. See Roe, A. D. et al., 2009.  
2009b. See Regier, J. C. et al., 2009.  
2011. See Nieukerken, E. J. van et al., 2011.  
2012. See Sohn, J.-C. et al., 2012.  
2013. See Regier, J. C. et al., 2013.  
2015. See Sohn, J.-C. et al., 2015.  
2017. See Mitter, C. et al., 2017.

- Davis, Frederick Lionel**  
 1915. The larva and pupa of *Caligo memnon*, Feld. *Transactions of the entomological Society of London* 1915(2): 198-200, pl. 29 (5 August) [host plant; Belize]  
 1928. *Notes on the butterflies of British Honduras*. London, Old Royalty Book Publishers (Henry Walker). 101 pp., 1 pl. [general; host plants; larvae, imagines; behavior; ecology]
- Davis, Herlitz A.**  
 2008. See Garraway, E. et al., 2008.
- Davis, Kim, Mike Stangeland and Andrew David Warren**  
 2005. *Mylon pelopidas*: A new record for Arizona and the United States with notes on its history, distribution, biology and identification. *News of the Lepidopterists' Society* 47(4): 103-104, 106, 110-111, 4 figs. (25 November)
- Davis, Mignon**  
 1982. [A note]. *Proceedings of the entomological Society of Washington* 84(2): 419-420, 1 fig. (30 April) [*Heliconius charitonius simulator* Röber; Jamaica]
- Davis, Raymond H.**  
 1981a. See Nahrstedt, A. & R. H. Davis, 1981a.  
 1981b. See Nahrstedt, A. & R. H. Davis, 1981b.  
 1983a. See Nahrstedt, A. & R. H. Davis, 1983.  
 1983b. See Wray, V. et al., 1983.  
 1985. See Nahrstedt, A. & R. H. Davis, 1985.
- Davis, Raymond H., and Adolf Nahrstedt**  
 1982. Occurrence and variation of the cyanogenic glucosides linamarin and lotaustralin in species of the Zygaenidae (Insecta: Lepidoptera). *Comparative Biochemistry and Physiology (B)* 71: 329-332, 2 tabs. [*Heliconius melpomene* (Linnaeus)]  
 1985. *Cyanogenesis in insects*, pp. 635-654, 7 figs., 7 tabs. In: Kerkut, G. A. & L. I. Gilbert (Eds.), *Comprehensive Insect Physiology, Biochemistry and Pharmacology*. Oxford, Pergamon Press. 11. [general]  
 1987. Biosynthesis of cyanogenic glucosides in butterflies and moths. Effective incorporation of 2-methylpropanenitrile and 2-methylbutanenitrile into linamarin and lotaustralin by *Zygaena* and *Heliconius* species (Lepidoptera). *Insect Biochemistry* 17(5): 689-693, 1 fig., 3 tabs. [*H. melpomene* (Linnaeus); host plant]
- Davis, Thomas A. Warren** [1899-1980]  
 1961. Butterfly migrations in British Guiana. *Proceedings of the royal entomological Society of London (A)* 36(4/6): 49-56, 2 figs., 1 tab. (16 June) [general]
- Davison, Angus**  
 2004. See Flanagan, N. S. et al., 2004.
- Davison, Angus, William Owen McMillan, Ashleigh S. Griffin, Christopher David Jiggins and James Louis Borlase Mallet**  
 1999. Behavioral and physiological differences between two parapatric *Heliconius* species. *Biotropica* 31(4): 661-668, 1 fig., 1 tab. (December) [*H. erato cyrbia* Godart, *H. himera* Hewitson; host plants; Ecuador]
- Dawn, Douglas**  
 1997. Hijas del sol. *Chipinque* (Monterrey) 3(10): 10-16, figs. [general; Mexico]
- Dawson, Anna**  
 2010. See Baxter, S. W. et al., 2010.
- Day, Burke**  
 1991. Planting seeds of conservation. *Wings* 15(3): 4-6, 1 fig. [*Heliconius melpomene* (Linnaeus)]
- Day, Julia J.**  
 2010. See Silva, D. L. de et al., 2010.  
 2016. See Silva, D. L. de et al., 2016.
- Day, Michael D.**  
 2009. See Zachariades, C. et al., 2009.
- Daza, León E., and Jaime de la Cruz**  
 1983. Reconocimiento entomológico en el cultivo de la curuba (*Passiflora mollissima* (HBK)Bailey) en la cuenca del Río Amaime - Valle. *Acta agronómica* (Palmira) 33(1): 37-43 (January-March) [*Agraulis junonia* (Cramer), *Dryas iulia* (Fabricius); host plants; Colombia]
- Deacon, Amy**  
 2016. Barcant's beautiful butterflies. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2016(1): 9-10, 4 figs. (March) [general; Trinidad]
- Deans, Andrew R.**  
 2008. See Smith, M. A. et al., 2008.  
 2009. See Janzen, D. H. et al., 2009.
- Deans, Andrew R., James Bryan Whitfield and Daniel Hunt Janzen**  
 2003. Taxonomy and natural history of the microgastrine genus *Alphomelon* Mason (Hymenoptera: Braconidae). *Journal of Hymenoptera Research* 12(1): 1-41, 6 figs., 1 tab. (April) [Hesperiidae; host plants; parasitoids; Costa Rica]
- Debat, Vincent**  
 2016. See Chazot, N. et al., 2016a.  
 2019. See Le Roy, C. et al., 2019.
- Debat, Vincent, Serge Berthier, Patrick Blandin, Nicolas Chazot, Marianne Elias, Doris Gómez and Violaine Laurens**  
 2018. *Why are Morpho blue?*, pp. 139-174, 8 figs. In: Grandcolas, P. & M.-C. Maurel (Eds.), *Biodiversity and Evolution*. London, ISTE Press. (March) [general]
- Debrix, Adrien, Abiezer Ezequiel Soza and Jean-Michel Maes**  
 2014. Mariposas de la Reserva Natura. *Revista nicaragüense de Entomología* 81: 2-111, figs. (September) [general; Nicaragua]  
 2017. Mariposas de la Reserva Natura (Managua, Nicaragua), suplemento. *Revista nicaragüense de Entomología* 118: 1-45, figs. (February) [general]
- Debrix, Adrien, and Jean-Michel Maes**  
 2016. Mariposas de la cuenca baja del Río Grande de Matagalpa, suplemento 1. *Revista nicaragüense de Entomología* 108: 3-121, figs. (August) [general; Nicaragua]
- Debrot, Adolphe Oscar**  
 2002. Animal biodiversity of the Lesser Antillean island of Montserrat (British West Indies): An annotated checklist of terrestrial and freshwater animals. Michael Stevens and Georg Waldmann. 2001. *Caribbean Journal of Science* 38(1/2): 163 (June) [general; book review]  
 2003. See Miller, J. Y. et al., 2003.
- Debrot, Adolphe Oscar, and Jacqueline Yvonne Miller**  
 2004. *Butterflies and moths of Curaçao, Aruba and Bonaire*. Willemstad, Carnabi Foundation. 100 pp., figs. [general; host plants; behavior]
- Debrot, Adolphe Oscar, Jacqueline Yvonne Miller, Lee Denmar Miller and Brian T. Leysner**  
 1999. The butterfly fauna of Curaçao, West Indies: 1996 status and long-term species turnover. *Caribbean Journal of Science* 35(3/4): 184-194, 2 figs., 2 tabs. (December) [general; host plants; diversity; ecology]
- De Candido, Robert**  
 2001. See Johnson, K. D. & R. De Candido, 2001.
- DeClerck, Fabrice A. J.**  
 2010. See Milder, J. C. et al., 2010.
- De Dijn, Bart P. E.**  
 2005. *Flower-visiting insects in Guianan forests: Pollinators, thieves, lovers and their foes*, pp. 321-342, 3 tabs. In: Hammond, D. S. (Ed.), *Tropical forests of the Guiana Shield. Ancient forests in a modern world*. Wallingford, CABI Publishing. [general; Guyana, Surinam, French

- Guiana]
- Dedordy, Juan R.**  
1966. Control de plagas importantes del repollo *Brassica oleracea* L. var. *capitata* en Caripe, Monagas. *Esfuerzo* (Calabozo, Venezuela) 1(5): 6-10, 4 figs., 3 tabs. (March) [Venezuela]
1989. See Rincones, C. et al., 1989.
- De Erice, Elena V., Jaime Escoto and Luis Delgado**  
2000. Entomofauna asociada al cultivo de brócoli (*Brassica oleracea* var. *italica*) en la localidad Medio Kilo, Estado de Aguascalientes. *Investigación y Ciencia* (Aguascalientes) 8(22): 6-10, 10 figs., 1 tab., 2 graphs (June) [*Pieris rapae* (Linnaeus); host plant; Mexico]
- Deering, Mark**  
2003. See Scriber, J. M. et al., 2003.  
2009. See Scriber, J. M. et al., 2009.
- Defagó, María Teresa**  
2003. See Valladares, G. R. et al., 2003.
- Defagó, María Teresa, Analía Dumón, Delia Susana Ávalos, Sara María Palacios and Graciela Rosa Valladares**  
2011. Effects of *Melia azedarach* extract on *Cotesia ayerza*, parasitoid of the alfalfa defoliator *Colias lesbia*. *Biological Control* 57(2): 75-78, 3 figs., 1 tab. (May; published online 19 January) [host plant; Argentina]
- DeFoliart, Gene Ray** [1925-2013]  
1989. The human use of insects as food and as animal feed. *Bulletin of the entomological Society of America* 35(1): 22-35, figs., 2 tabs. [*Aegiale hesperiaris* (Walker); larva; Mexico]
1999. Insects as food: Why the Western attitude is important. *Annual Review of Entomology* 44: 21-50 [general]
2003. *Insects as food*, pp. 431-437, 1 fig. In: Resh, V. H. & R. T. Cardé (Eds.), *Encyclopedia of Insects*. San Diego, Academic Press. xxx + 1266 pp., figs. [general]
2005. *Overview of role of edible insects in preserving biodiversity*, pp. 123-140, 2 tabs. In: Paoletti, M. G. (Ed.), *Ecological implications of minilivestock. Potential of insects, rodents, frogs and snails*. Enfield, Science Publishers, Inc. [Hesperiidae; Colombia]
- De Gannes, Charles**  
2011. A food plant record for *Memphis pithyusa* (Lepidoptera: Nymphalidae) in Trinidad. *Living World* 2011: 74-75.  
2012. See Cock, M. J. W. & C. De Gannes, 2012.
- Delgado, Rómulo**  
2014. See Cerdeña, J. A. et al., 2014.
- Degrando, Paulo Eduardo**  
2010. See Lima Junior, I. dos S. de et al., 2010.
- Deinert, Erika I.**  
2003. *Mate location and competition for mates in a pupal mating butterfly*, pp. 91-108, pl. 5, 5 figs. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [*Heliconius hewitsoni* Hewitson; Costa Rica]
- Deinert, Erika I., John Thomas Longino and Lawrence Edmund Gilbert**  
1994. Mate competition in butterflies. *Nature* (London) 370(6484): 23-24, 1 fig., 1 tab. (7 July) [*Heliconius hewitsoni* Hewitson; host plant; Costa Rica]
- Dejean, Alain**  
2000. See Orivel, J. & A. Dejean, 2000.
- Deknuydt, Francis**  
2013. *Les insectes des Petites Antilles: approche biogéographique*, pp. 185-191, 324, 9 figs., 1 tab. In: *Actes du Colloque International. Biodiversité insulaire: la flore, la faune et l'homme dans les Petites Antilles*. Schoelcher, DEAL Martinique. [general]
2014. See Touroult, J. et al., 2014.
- Delahaye, François**  
1899. Le polymorphisme des lépidoptères en Maine-et-Loire. *Mémoires de la Société nationale d'Agriculture, Sciences & Arts d'Angers* (5)2: 90-94 (after 12 June) [Vanessa cyanomelas Doubleday; Mexico]
- Delarue, Jean**  
[1850]. *Musée des Lépidoptères. Collection de papillons de toutes les parties du monde*. Paris, Arnauld de Vresse. Title-page, 12 pls. ([before 7 September]) [general]
- Delboeuf, Joseph Rémi Léopold** [1831-1896]  
1877a. Les mathématiques et le transformisme. Une loi mathématique applicable à la théorie du transformisme. *Revue scientifique de la France et de l'Étranger* (2)12(29): 669-679, 2 tabs. (13 January) [*Leptalis, Ithomia*; mimicry]
- 1877b. Ein auf die Umwandlungs-Theorie anwendbares mathematisches Gesetz. *Kosmos* (Leipzig) 2(8): 105-127 (November) [*Leptalis, Ithomia*; mimicry]
- Del-Claro, Kleber**  
2002. See Oliveira, P. S. et al., 2002.  
2004. Multitrophic relationships, conditional mutualisms, and the study of interaction biodiversity in tropical savannas. *Neotropical Entomology* 33(6): 665-672, 2 figs. (November-December) [*Panhiades polibetes* (Stoll); host plant; Brazil]
2005. See Oliveira, P. S. & K. Del-Claro, 2005.  
2012. See Bächtold, A. et al., 2012.  
2013a. See Alves-Silva, E. et al., 2013.  
2013b. See Bächtold, A. et al., 2013.  
2014a. See Bächtold, A. et al., 2014a.  
2014b. See Bächtold, A. et al., 2014b.  
2016. See Bächtold, A. et al., 2016.  
2017a. See Bächtold, A. et al., 2017a.  
2017b. See Alves-Silva, E. et al., 2017.  
2017c. See Bächtold, A. et al., 2017b.  
2018a. See Bächtold, A. & K. Del-Claro, 2018.  
2018b. See Alves-Silva, E. et al., 2018.  
2019. See Sousa-Lopes, B. de et al., 2019.
- Del-Claro, Kleber, and João Vasconcellos, Neto**  
1992. *Os padrões de coloração animal: exemplos na Serra do Japi*, pp. 288-309, 20 figs. In: Morellato, L. P. C. (Ed.), *História natural da Serra do Japi: Ecologia e preservação de uma área florestal no Sudeste do Brasil*. Campinas, Editora da Unicamp/Fapesp. [general; Brazil]
- Deletang, Luis Francisco Alejandro** [1882-1931]  
1920. Contribución al estudio de la zoogeografía argentina. (Apuntes para delimitar algunas regiones entomológicas). *Anales de la Sociedad científica argentina* 90(1/6): 227-277 (July-December) [general]
- Deleuze, Joseph Philippe François** [1753-1835]  
1823. *Histoire et description du Muséum Royal d'Histoire Naturelle*. Paris, M. A. Royer. vi + 720pp., 14 pls., 3 maps. [general]
- Delfin-González, Hugo**  
2015. See Martínez-Noble, J. I. et al., 2015.
- Delgadillo-Romero, Sergio A., Saharay Gabriela Cruz-Miranda, Sergio Gerardo Stanford-Camargo, G. Ricardo Medina-Ortiz and Marcela Patricia Ibarra-González**  
2018. Ninfálidos (Lepidoptera: Nymphalidae) de Cerro Frío, Morelos, México. *Entomología mexicana* 5: 225-231, 3 tabs. (July) [general]
- Delgado, Alvaro**  
1971. See Pesce, H. & A. Delgado, 1971.  
1978. *Venoms of Lepidoptera*, pp. 555-611, 19 figs. In: Bettini, S. (Ed.), *Arthropod Venoms*. Berlin, Springer-Verlag. [*Morpho* spp.; Neotropics]
- Delgado, Anolaima, Thamara Rojas, Rafaela Carvajal, Miguel García, Eustaquio Arnal and Amado Rondón**

1998. Reconocimiento de insectos plagas y enfermedades en el Estado Cojedes. *Memoria. Sociedad de Ciencias naturales La Salle* 57(147): 101-118, 1 tab. (October) [*Papilio* sp., HesperIIDae; host plants; Venezuela]
- Delgado, César**  
2008. See Vásquez, J. et al., 2008.
- Delgado, César, Juan José Ramírez and Lilia Aurora Campos**  
2001. *Lepidópteros*, pp. 62-76, 7 figs., 2 tabs. In: *Conservación y manejo de la cuenca del Pucacuro*. Iquitos, Instituto de Investigaciones de la Amazonía Peruana (IIAP), Programa del Aprovechamiento Sostenible de la Biodiversidad. [general; Peru]
- Delgado, Francisco**  
2015. See Basset, Y. et al., 2015.  
2018. See Nakahara, S. et al., 2018c.
- Delgado, Francisco, and José Ignacio Vargas**  
[2017]. Descripción de nuevos rhopaloceros para Colombia y Panamá (Insecta: Lepidoptera). *Boletín científico. Museo de Historia natural, Universidad de Caldas* 20(1): 166-195, 3 pls., 3 figs. ("June2016", [May 2017]; [published online before 25 August 2016]) [new taxa: *Mimia phydile tatamaensis*, *Dion carmenta caucana*, *Entheus matho marmato*, *Talides montezuma*, *Carystoides sylvestris*, *C. metaensis*, *C. hondura pacifica*, *Oxyetra confusa franciscana*, *Mesosemia metuana montezuma*, *Olyras insignis brandarisi*, *Hyaliris excelsa azuerensis*, *Ithomia heraldica valleantona*, *Oleria paula embera*, *Callithomia hezia punctata*, *Pteronymia cottoyo emiliani*]
- Delgado, Luis**  
2000. See De Erice, E. V. et al., 2000.  
2012. See Berlín, J. A. & L. Delgado, 2012.
- Delgado, Marco**  
2015. See Cerdeña, J. A. et al., 2015.
- Delgado, Rómulo**  
2016. See Cerdeña, J. A. et al., 2016.
- Delgado, Yael Gabriela**  
2013. See Mejía, M. de L. et al., 2013.
- Dell, Anthony**  
1927. *Llama Land. East and West of the Andes in Peru*. New York, George H. Doran Company. 248 pp., 24 pls. [general]
- Dell'Aglio, Denise Dalbosco**  
2015. See Merrill, R. M. et al., 2015.
- Dell'Aglio, Denise Dalbosco, María Eugenia Losada and Christopher David Jiggins**  
2016a. Butterfly learning and the diversification of plant leaf shape. *Frontiers in Ecology and Evolution* 4(81): 1-7, 3 figs. (28 July) [*Heliconius erato petiverana* Doubleday; host plant; Panama]
- Dell'Aglio, Denise Dalbosco, Martin Stevens and Christopher David Jiggins**  
2016b. Avoidance of an aposematically coloured butterfly by wild birds in a tropical forest. *Ecological Entomology* 41(5): 627-632, 2 figs. (October; published online 25 June) [*Heliconius*; Panama]
- Dell'Aglio, Denise Dalbosco, Jolyon Troscianko, William Owen McMillan, Martin Stevens and Christopher David Jiggins**  
2018. The appearance of mimetic *Heliconius* butterflies to predators and conspecifics. *Evolution* 72(10): 2156-2166, 3 figs., 1 tab. (October; published online 20 August) [general; behavior; Panama]
- Dell'Erba, Rafael**  
2006. See Silva, D. S. da et al., 2006.  
2008a. See Kaminski, L. A. et al., 2008.  
2008b. See Silva, D. S. da et al., 2008.  
2015. See Kaminski, L. A. et al., 2015a.
2016. See Queiroz-Santos, L. et al., 2016.
- Dell'Erba, Rafael, Lucas Augusto Kaminski and Gilson Rudinei Pires Moreira**  
2005. O estágio de ovo dos Heliconiini (Lepidoptera: Nymphalidae) do Rio Grande do Sul, Brasil. *Iheringia (Zoologia)* 95(1): 29-46, 72 figs., 2 tabs. (30 March) [general; host plants]
- Delmas, Joël, and Yann Delmas**  
2019. A remarkable new species of *Argyrophorus* Blanchard, 1852 from the Peruvian Andes (Lepidoptera, Nymphalidae; Satyrinae). *Lépidoptères (Paris)* 28(73): 50-54, 4 + 9 figs., 1 map (September) [*A. splendens*]
- Delmas, Yann**  
2019. See Delmas, J. & Y. Delmas, 2019.
- Deloya, Aristeo Cuauhtémoc**  
1992. See Hernández-Baz, F. & A. C. Deloya, 1992.
- De Luca, Paul**  
2006. See Cockerell, R. B. & P. De Luca, 2006.
- Del Valle, Eleodoro**  
2016. See Zabala, J. M. et al., 2016.
- Delvare, Gérard**  
1993. Les Chalcididae d'importance économique dans les palmeraies d'Amérique tropicale (Hymenoptera). *Bulletin de la Société entomologique de France* 97(4): 349-372 ([12 March]) [general; parasitoids]
- Delvare, Gérard, and John LaSalle**  
1993. A new genus of Tetrastichinae (Hymenoptera: Eulophiidae) from the Neotropical region, with the description of a new species parasitic on key pests of oil palm. *Journal of Natural History* 27(2): 435-444, 13 figs. ([30 April] [*Dione juno* (Cramer); parasitoid; Costa Rica])
- De Marco, Paulo, Jr.**  
2008. See Azevedo, C. O. et al., 2008.
- De Maria, Mário**  
2008. See Machado, A. B. M. et al., 2008.
- De Marmels, Jürg Carl [1950- ]**  
1982. The genus *Euthore* Selys in Venezuela, with special notes on *Euthore fasciata fasciata* (Hagen, 1853) (Zygoptera, Polythoridae). *Advances in Odonatology* 1: 39-41 (31 December) [*Hyaliris oulita cana* (Haensch), *H. coeno* (Hewitson); mimicry]  
1996. La colección Feige. *Boletín de Entomología venezolana* (N.S.) 11(1): 69 ("July", September) [general; Neotropics]  
1999. First record of the genus *Perisama* Doubleday, 1849 from Pantepui, Venezuela (Lepidoptera, Nymphalidae). *Atalanta* 30(1/4): 155-158, pl. 10a, 1 fig., 1 map (December)  
2012. See Attal, S. & J. C. De Marmels, 2012.
- De Marmels, Jürg Carl, and José Alejandro Clavijo**  
1998. On the true type localities of *Mesotaenia vaninka delafluentei* Neild and *Memphis viloriae* Pycr & Neild (Nymphalidae). *Journal of the Lepidopterists' Society* 52(2): 217-219, 1 fig. (21 July) [Venezuela]
- De Marmels, Jürg Carl, José Alejandro Clavijo and María Esperanza Chacín**  
2003. Two new subspecies of *Pereute lindemanna* and one of *Pseudopieris viridula* from Pantepui, Venezuela (Pieridae). *Journal of the Lepidopterists' Society* 57(2): 86-91, 25 figs. (30 June) [*P. l. pemona*, *P. l. piarora*, *P. v. mamaripa*]
- De Masi, Victor O.**  
2004. Metamorphosis at the Peabody Museum of Natural History in New Haven. *News of the Lepidopterists' Society* 46(2): 44-45, 48, 7 figs. (15 June) [general]  
2012. The Amazon Lodge French Guiana. *News of the Lepidopterists' Society* 54(2): 35-37, 68, 8 figs. (4 June) [general]

- Dembeck, Lauren M.**  
2011. See Merrill, R. M. et al., 2011b.
- Demétrio, Manoel Fernando**  
2017. See Roque, F. de O. et al., 2017.
- Demite, Peterson Rodrigo**  
2013. See Lima, V. O. et al., 2013.
- Dempster, Jack P.**  
1984. *The natural enemies of butterflies*, pp. 97-104, 5 figs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
- Demuner, Antônio Jacinto**  
2000. See Paula, V. F. de et al., 2000.
- Deng, Tao**  
2012. See Pris, A. D. et al., 2012.  
2013a. See Wang, W. et al., 2013.  
2013b. See Potyrailo, R. A. et al., 2013.  
2018. See Rodríguez, R. E. et al., 2018.
- Denis, Dennis, and Daryl Cruz**  
2017. Algoritmo para la fotoidentificación de individuos en lepidópteros diurnos cubanos con patrones de manchas. *Poeyana* 505: 1-14, 9 figs., 2 tabs. (December) [*Heliconius charithonia ramsdeni* Comstock & Brown; morphology]
- DeNitto, Gregg A.**  
2001. See Kliejunas, J. T. et al., 2001.
- Denlinger, David Landis** [1945- ]  
1986. Dormancy in tropical insects. *Annual Review of Entomology* 31: 239-264, 2 tabs. [general]
- Dennhardt, Albert Hugo** [1863-1924]  
1906. [A note]. *Berliner entomologische Zeitschrift* 50(3/4): (17) (mid May) [*Dynastor napoleon* Doubleday; behavior; Brazil]
- Dennis, Roger L. H.**  
1992. See Shreeve, T. G. & R. L. H. Dennis, 1992.
- Denno, Robert Frederick** [1945-2008]  
1983. See Raupp, M. J. & R. F. Denno, 1983.
- Denno, Robert Frederick, and Betty Benrey**  
1997. Aggregation facilitates larval growth in the Neotropical nymphalid butterfly *Chlosyne janais*. *Ecological Entomology* 22(2): 133-141, 6 figs. (May) [host plant; Mexico]
- Denno, Robert Frederick, and Maureen Ann Donnelly**  
1981. Patterns of herbivory on *Passiflora* leaf tissues and species by generalized and specialized feeding insects. *Ecological Entomology* 6(1): 11-16, 3 figs. (February) [*Heliconius sara* (Fabricius); Costa Rica]
- Dent, Hastings Charles** [1855- ?]  
1886. *A year in Brazil. With notes on the abolition of slavery, the finances of the empire, religion, meteorology, natural history, etc.* London, Kegan Paul, Trench & Co. xix + 444 pp., 10 pls., 2 maps. ([29 May]) [general; mimicry]
- Denton, Sherman Foote** [1856-1937]  
1898-1900. *Moths and butterflies of the United States East of the Rocky Mountains*. Boston, Bradlee Whidden. (1): 1-48, pls. [1]-[6], figs. (1898), (2): 49-96, pls. [7]-[12], figs. (1898), (3): 97-144, pls. [13]-[18], figs. (June 1898), (4): 145-192, pls. [19]-[25], figs. (September 1898), (5): 193-240, pls. [26]-[32], figs. (December 1898), (6): 241-288, pls. [33]-[38], figs. (March 1899), (7): 289-336, pls. [39]-[46], figs. (September 1899), (8): 337-361, i-xv, i-xv, 139-142 [second issue], pls. [47]-[56], figs. ("December 1899", 1900) [general; host plants; eggs, larvae, pupae, imagines; behavior; Neotropics]
- Denton, William D.** [1865-1923]  
1902. Tropical butterflies. *Entomological News* 13(10): 316-317 ([12] December) [general]
- dePamphilis, Claude W.**  
2015. See Edger, P. P. et al., 2015.
- Deparis, Olivier**  
2008. See Kertész, K. et al., 2008.
- De Pasqual, Chiara**  
2018. See Rojas, B. et al., 2018.
- Depieri, Rogério Aparecido**  
2014. See Cunha, F. et al., 2014.
- De Prins, Jurate**  
2011. See Nieuwerkerken, E. J. van et al., 2011.
- De Prins, Jurate, and Kazuo Saitoh**  
2003. Karyology and sex determination, pp. 449-468, 13 figs. In: Kristensen, N. P. (Ed.), *Lepidoptera, moths and butterflies*. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]
- De Prins, Willy** [1949- ]  
2011. See Nieuwerkerken, E. J. van et al., 2011.
- Dequech, Sônia Thereza Bastos**  
2007. See Sausen, C. D. et al., 2007.
- Der, Joshua P.**  
2015. See Edger, P. P. et al., 2015.
- De Raedt, Hans**  
2012. See Wilts, B. D. et al., 2012.
- Derbyshire, Rachael**  
2013. See Mouritsen, H. et al., 2013.  
2017. See Flockhart, D. T. T. et al., 2017a.
- De Rijk, Marjolein**  
2010. See Guerrieri, E. et al., 2010.
- Deroche, Pierre-Louis**  
2011. See Blandin, P. & P.-L. Deroche, 2011.
- DeSalle, Robert**  
1998. See Brower, A. V. Z. & R. DeSalle, 1998.  
2011. See Goldstein, P. Z. & R. DeSalle, 2011.
- Desbois, Charlotte**  
2019a. See McClure, M. et al., 2019a.  
2019b. See Arias, M. M. et al., 2019.
- Deschamps, Bernard**  
1835. Recherches microscopiques sur l'organisation des ailes des lépidoptères. *Annales des Sciences naturelles (Zoologie)* (2)3: 111-137, pls. 3-4. [general]
- Descimon, Henri**  
1967. Note préliminaire sur les pigments ptéridiques des ailes du genre *Colias* (Lepidoptera Pieridae). *Annales de la Société entomologique de France* (N.S.) 3(3): 827-833, 2 tabs. [general; biochemistry]  
1971a. See Blandin, P. & H. Descimon, 1971.  
1971b. Les ptéridines des Pieridae (Lepidoptera) et leur biosynthèse. I- Identification des principales ptéridines de *Colias croceus* (Fourcroy) et de quelques autres espèces de Pieridae. *Biochimie* 53(3): 407-418, 5 figs., 6 tabs. [general]  
1972. See Mast, J. & H. Descimon, 1972.  
1975a. See Blandin, P. & H. Descimon, 1975.  
1975b. *Biology of Pigmentation in Pieridae Butterflies*, pp. 805-840, 9 figs., 2 tabs. In: Pflieger, W. (Ed.), *Chemistry and Biology of Pteridines*. Berlin, Walter de Gruyter. [general; biochemistry; chemotaxonomy; genetics; physiology; behavior; mimicry; South America]  
1976. See Guillaumin, M. & H. Descimon, 1976.  
1977a. See Blandin, P. & H. Descimon, 1977.  
1977b. La notion d'espèce. *Bulletin de la Société des Lépidoptéristes français* 1(2): 79-89 (June) [general]  
1977c. Biogéographie, mimétisme et spéciation dans le genre *Agrias* Doubleday (Lep. Nymphalidae Charaxinae). *Publications du Laboratoire de Zoologie de l'École normale supérieure* (Paris) 9: 307-344, 4 figs., 3 tabs. (15 July) [Central and South America]



- 1977d. Les ptérines des insectes. *Publications du Laboratoire de Zoologie de l'École normale supérieure* (Paris) 8: 43-130, 8 figs., 1 tab. [general]
1980. *Polymorphism de la coloration et stratégies adaptatives chez les lépidoptères*, pp. 53-76, 8 figs., 1 tab. In: Barbault, R., P. Blandin & J. A. Meyer (Eds.), *Recherches d'Écologie Théorique. Les stratégies adaptatives*. Paris, Maloine S. A. [*Colias dimera* Doubleday, *C. lesbia* (Fabricius); Colombia, Ecuador, Argentina]
1983. La pigmentation des lépidoptères: Un modèle pour la théorie synthétique de l'évolution. *Bulletin de la Société zoologique de France* 108(2): 303-312, 1 tab. (25 June) [general]
- 1985a. Distribution patterns in the Andean genus *Perisama* Doubleday (Nymphalidae). *Journal of Research on the Lepidoptera Supplement* 1: 70-85, 5 figs., 1 tab. ([after October]) [general]
- 1985b. Observations botaniques en Amérique tropicale. *Bulletin de l'Association des Parcs botaniques de France* 8: 11-22, 8 figs., 2 maps [general; Venezuela, Ecuador]
- 1986a. Observations botaniques en Amérique tropicale. Au Pérou. *Bulletin de l'Association des Parcs botaniques de France* 9: 11-26, 1 map [general]
- 1986b. *Origins of lepidopteran faunas in the high tropical Andes*, pp. 500-532, 6 figs., 3 tabs. In: Vuilleumier, F. & M. Monasterio (Eds.), *High altitude tropical biogeography*. New York, Oxford University Press. [general]
- 1986c. L'évolution de la coloration chez les Charaxidae néotropicaux: stratégies adaptatives et cladogenèse (Lepidoptera Rhopalocera). *Bulletin de la Société zoologique de France* 111(3/4): 261-295, 20 figs., 1 tab. [general]
- 1988a. Une nouvelle sous-espèce d'*Anaea* de la cordillère littorale du Vénézuéla (Lepidoptera Nymphalidae Charaxinae). *Bulletin de la Société Sciences Nat* 58: 16, 2 figs. (30 June) [*A. titan romeroi*]
- 1988b. See Johnson, K. D. & H. Descimon, 1988.
1989. See Johnson, K. D. & H. Descimon, 1989.
- 1993a. Beauty in evolution. *Evolution* 46(6): 1981-1983 (13 January) [general; morphology; book review]
- 1993b. See Llorente, J. E. et al., 1993.
1995. Un nouveau *Perisama* de l'Équateur. *Lambillionea* 95(1)(1): 18-19, pl. 1, fig. j (March) [*P. xenoclea masti*]
1999. See Aubert, J. et al., 1999.
2008. See Michel, F. et al., 2008.
- Descimon, Henri, and James Louis Borlase Mallet**
2009. *Bad species*, pp. 219-249, pls. 19-20, 1 tab. In: Settele, J., T. Shreeve, M. Konvička & H. Van Dyck (Eds.), *Ecology of Butterflies in Europe*. Cambridge, Cambridge University Press. [general; systematics; genetics; evolution]
- Descimon, Henri, and James Mast**
1971. Contribution à la connaissance des lépidoptères de l'Équateur: Le genre *Heliconius* Latreille (Nymphalidae). *Alexanon* 7(2): 69-79, pl. 2, 2 figs. (24 June), (3): 121-133, pls. 3-4 (9 October) [general; behavior; ecology; new forms: *H. atthis* form *gerstneriana*, *H. erato microclea* form *microfluens*, *H. melpomene xenoclea* form *integra*]
1975. Contribution à l'étude des nymphalides néotropicales. Description de formes nouvelles du genre *Agrias* Dbl. *Alexanon* 8(8): 338-341, 5 figs. (23 January) [*A. pericles eberti*, *A. p. e.* form *kesselringi*, *A. p. rubella* form *flavella*, *A. aedon* form *denhezi*; Brazil, Colombia]
1979. Contribución al conocimiento de las Nymphalidae neotropicales: *Epiphile adраста* Hewitson. *Revista de la Sociedad mexicana de Lepidopterología* 5(1): 39-47, 3 pls. (30 October) [new subspecies: *E. a. escalantei*; Mexico, Central America]
1984. Semispecies relationships between *Heliconius erato cyrba* Godt. and *H. himera* Hew. in Southwestern Ecuador. *Journal of Research on the Lepidoptera* 22(4): 229-237, 2 figs., 1 tab. (15 March) [hybrids]
1995. Nouvelles formes péruviennes du genre *Perisama* (Nymphalidae). *Lambillionea* 95(1)(1): 9-18, pl. 1 (March) [*P. patara arletta*, *P. tryphaena clara*, *P. lebasii koenigi*, *P. canoma lamasi*, *P. jurinei klug*]
- Descimon, Henri, James Mast and Jean-Robert Stoffel**
- 1973-74. Contribution à l'étude des nymphalides néotropicales. Description de trois nouveaux *Prepona* mexicains. *Alexanon* 8(3): 101-105, figs. A-B (29 September 1973), (4): 155-159, pl. 8, fig. C (8 January 1974), (5): 235-240, fig. D (21 March 1974) [general; ecology; *P. (P.) escalantiana*, *P. (Archaeoprepona) demophon occidentalis*]
- Deshmukh, Riddhi, Saurav Baral, Arumugam Gandhimathi, Muktai Kuwalekar and Krushnamegh Kunte**
2018. Mimicry in butterflies: co-option and a bag of magnificent developmental genetic tricks. *WIREs Developmental Biology* 7(1)(e291): 1-15, 6 figs. (February; published online 14 September 2017) [general]
- Desmarest, Eugène [1816-1889]**
1847. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, Renard, Martinet et Cie. 9: 457-463 (*Papilio*), 463-464 (Papilionides) [general; morphology; Neotropics]
- 1848a. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, Renard, Martinet et Cie. 11: 368-369 (*Satyridae*), 596 (*Sicyonia*), 598-599 (*Siderone*) ([9 September]), 767 (*Spionades* [sic]), 800 (*Stalactis* [sic]) [general; morphology]
- 1848b-[49]a. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, Renard, Martinet et Cie. 12: 75 (*Strymon*) ([9 September] 1848), 120 (*Symmachia*), 127 (*Synargis*), 128 (*Synchloe*), 135 (*Syrmaticia*) ([31 December] 1848), 334 (*Tamyris*), 440 (*Telegonus*), 446 (*Temenis*) ([2 January 1849]), 473 (*Terias*), 546 (*Tharops*), 553 (*Thereus*), 554 (*Therites* [sic]), 557 (*Thisbe*), 562 (*Thracides*), 571 (*Thyridia*), 581 (*Tigridia*), 597 (*Tmolus*) ([1849]) [general]
- 1849b. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, Renard, Martinet et Cie. 13: 219-220 (*Victorina*), 343-344 (*Zaretis*), 347 (*Zeonia*), 349 (*Zetides*) [general]
- Desmier de Chenon, Roch**
1978. See Genty, P. et al., 1978.
2004. See Li, Z. et al., 2004.
- Desmier de Chenon, Roch, Alimin Sipayung and Prawirosukarto Sudharto**
- 2002a. *A decade of biological control against Chromolaena odorata at the Indonesian Oil Palm Research Institute in Manihat*, pp. 46-52, 1 tab. In: Zachariades, C., R. Muniappan & L. W. Strathie (Eds.), *Proceedings of the Fifth International Workshop on Biological Control and Management of Chromolaena odorata*. Durban, Agricultural Research Council, Plant Protection Research Institute. [*Actinote anteus* (Doubleday); life history; host plant; Costa Rica]
- 2002b. *A new biological agent, Actinote anteus, introduced into Indonesia from South America for the control of Chromolaena odorata*, pp. 170-176, 1 tab. In: Zachariades, C., R. Muniappan & L. W. Strathie (Eds.), *Proceedings of the Fifth International Workshop on Biological Control and Management of Chromolaena odorata*. Durban, Agricultural Research Council, Plant Protection Research Institute. [life history; behavior; host plants; Costa Rica, Colombia, Venezuela, Brazil]

**Despland, Emma**

2014. Butterflies of the high-altitude Atacama Desert: habitat use and conservation. *Frontiers in Genetics* 5(334): 1-8, 3 figs., 1 tab. (24 September) [general; Chile]
2019. See Santacruz, P. G. et al., 2019.

**Despland, Emma, Rolando Humire and Sandra San Martín**

2012. Species richness and phenology of butterflies along an altitude gradient in the desert of northern Chile. *Arctic, Antarctic and Alpine Research* 44(4): 423-431, 5 figs., 1 tab. (November) [general]

**Despland, Emma, and Paola Giovanna Santacruz**

2016. Silk drives aggregation and following in the neotropical caterpillar *Mechanitis menapis* (Nymphalidae: Ithomiini). *Physiological Entomology* 41(3): 274-280, 2 figs., 1 tab. (September; published online 28 June) [*M. m. mantineus* Hewitson; host plant; Ecuador]

**Dessuy, Mônica Bazzan, and Ana Beatriz Barros de Moraes**

2007. Diversidade de borboletas (Lepidoptera, Papilionoidea e Hesperioidea) em fragmentos de floresta estacional decidual em Santa Maria, Rio Grande do Sul, Brasil. *Revista brasileira de Zoologia* 24(1): 108-120, 7 figs., 3 tabs. (31 March) [general]

**Dethier, Vincent Gaston [1915-1993]**

1938. See Davenport, D. D. & V. G. Dethier, 1938.
- 1940a. Metamorphoses of Cuban Hesperinae. *Psyche* (Cambridge) 46(4): 147-155, pl. 9 (January) [general; eggs, larvae, pupae]
- 1940b. Life histories of Cuban Lepidoptera. *Psyche* (Cambridge) 47(1): 14-26, pl. 3 (29 March) [general; eggs, larvae, pupae]
- 1941a. Chemical factors determining the choice of food plants by *Papilio* larvae. *American Naturalist* 75(756): 61- 73, 2 tabs. (January) [general; Neotropics]
- 1941b. The antennae of lepidopterous larvae. *Bulletin of the Museum of comparative Zoology* 87(6): 455-507, 9 pls. (March) [general; anatomy; histology; classification; evolution; behavior]
- 1941c. Metamorphoses of Cuban Nymphalidae and Lycaenidae. *Psyche* (Cambridge) 48(2/3): 70-78, pls. 5-6 (October) [general; eggs, larvae, pupae]
- 1942a. Metamorphoses of common Cuban Pyrginae. *Psyche* (Cambridge) 49(1/2): 4-7 (24 July) [general; eggs, larvae, pupae]
- 1942b. Hesperidae affecting sugar cane in Cuba. *Memorias de la Sociedad cubana de Historia natural "Felipe Poey"* 16(2): 167-176, pl. 26 (15 August) [*Lerodea tripunctus* (Herrich-Schäffer), *Prenes nyctelius coscinia* (Herrich-Schäffer), *P. nero sylvicola* (Herrich-Schäffer), *Perichares coridon coridon* (Fabricius); eggs, larvae, pupae]
- 1942c. The early stages of *Lerema cornelius* Latreille. *Memorias de la Sociedad cubana de Historia natural "Felipe Poey"* 16(2): 177-178, pl. 27 (15 August) [Cuba]
1946. Supplement to the bibliography of the described life histories of the Rhopalocera of America north of Mexico. *Psyche* (Cambridge) 53(1/2): 15-20 (16 December) [general; Mexico]

**Deus, Luis Paulo Aguiar de**

2008. See Pinheiro, C. E. G. et al., 2008a.

**Deutsch, Curtis A.**

2014. See Bonebrake, T. C. et al., 2014.

**Devenish, Christian**

2014. See Fajardo, J. et al., 2014.

**Devia, Nathaly**

2010. See Amat, G. D. et al., 2010.

**Devoto, Mariano**

2002. See Medan, D. et al., 2002.

2018. See Simonetti, G. & M. Devoto, 2018.

**DeVries, Philip James [1952- ]**

1976. Notes on the behavior of *Eumaeus minyas* (Hübner) (Lepidoptera: Lycaenidae) in Costa Rica. *Brenesia* (San José) 8: 103 (March)
1977. *Eumaeus minyas* (Hübner), an aposematic lycaenid butterfly. *Brenesia* (San José) 12/13: 269-270 (August) [Costa Rica]
1978. An annotated list of the butterflies of Parque Nacional Corcovado during the dry season. *Brenesia* (San José) 14/15: 47-56 (March) [Costa Rica; general; ecology, behavior]
- 1979a. A record of *Agrias amydon* (Nymphalidae) from Costa Rica. *Journal of the Lepidopterists' Society* 32(4): 310, 1 fig. (28 February)
- 1979b. Pollen-feeding rainforest *Parides* and *Battus* butterflies in Costa Rica. *Biotropica* 11(3): 237-238, 1 fig. (September) [*Parides childrenae* Gray, *P. arcas mylotos* Bates, *Battus crassus lepidus* Felder]
- 1980a. The genus *Agrias* (Lepidoptera: Nymphalidae: Charaxinae) in Costa Rica. Description of a new subspecies of *Agrias amydon*, new records, and natural history observations. *Brenesia* (San José) 17: 295-302, 2 figs. (July) [*A. a. philatetica*]
- 1980b. Description, natural history, and distribution of a new species of *Eretris* (Satyridae) from Costa Rica. *Journal of the Lepidopterists' Society* 34(2): 146-151, 6 figs. (23 September) [*E. suzanna*]
- 1980c. Observations on the apparent lek behavior in Costa Rican rainforest *Perrhybris pyrrrha* Cramer (Pieridae). *Journal of Research on the Lepidoptera* 17(3): 142-144 ([27 December])
1982. The case of *Perrhybris lypera* (Pieridae) and the Lauraceae: host plant record or assumption? *Journal of the Lepidopterists' Society* 36(3): 229-230 (14 December) [Costa Rica]
- 1983a. See Singer, M. C. et al., 1983.
- 1983b. *Zamia skinneri* & *Z. fairchildiana* (*Zamia*, *Palmera Siempre Verde*, *Cycad*), pp. 349-350, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [*Eumaeus minyas* (Hübner); host plants; Costa Rica]
- 1983c. *Checklist of butterflies*, pp. 654-678, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [general; Costa Rica]
- 1983d. *Caligo memnon* (*Buhito Pardo*, *Caligo*, *Cream Owl Butterfly*), pp. 703-704. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; ecology; Costa Rica]
- 1983e. *Catanticta teutilla* [*sic*] (*Paracaida*, *Teutilla*), pp. 706-707, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; ecology; Costa Rica]
- 1983f. *Euptychia hermes* (*Nimfa* [*sic*] *Café de Zacate*, *Grass Nymph*), pp. 722-723, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; ecology; Costa Rica]
- 1983g. *Hamadryas februa* (*Soñadora Común*, *Calico*, *Common Calico*), pp. 729-730, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; ecology; Costa Rica]
- 1983h. *Heliconius hecale* (*Hecale*), pp. 730-731, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; ecology; Costa Rica]
- 1983i. *Historis odius* (*Orion*), pp. 731-732, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The

- University of Chicago Press. [life history; ecology; Costa Rica]
- 1983j. *Morpho peleides* (*Celeste Común, Morfo, Morpho*), pp. 741-742, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; ecology; Costa Rica]
- 1983k. *Papilio crespontes* (*Lechera, Papilio Grande, Giant Swallowtail*), pp. 751-752, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; ecology; Costa Rica]
- 1983l. *Phoebis philea* (*Sulfúrea Quemada, Orange-barred Sulfur*), pp. 754-755, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [life history; ecology; Costa Rica]
1984. Butterflies and Tachinidae: does the parasite always kill its host? *Journal of natural History* 18(2): 323-326, 1 fig. ([1] March) [*Cissia confusa* Staudinger; Costa Rica]
- 1986a. Hostplant records and natural history notes on Costa Rican butterflies (Papilionidae, Pieridae & Nymphalidae). *Journal of Research on the Lepidoptera* 24(4): 290-333, 3 tabs. (15 May) [general]
- 1986b. See Greig, N. & P. J. DeVries, 1986.
1987. *The butterflies of Costa Rica and their natural history. Papilionidae, Pieridae, Nymphalidae*. Princeton, Princeton University Press. xxii + 327 pp., 50 pls., 35 figs., 3 tabs., 2 maps. [general; host plants; eggs, larvae, pupae, imagines; ecology; distribution; Neotropics]
1988. The larval ant-organs of *Thisbe irenea* (Lepidoptera: Riodinidae) and their effects upon attending ants. *Zoological Journal of the Linnean Society* 94(4): 379-393, 3 figs., 3 tabs. ([13] December) [Panama]
- 1989a. The use of epiphylls as larval hostplants by the Neotropical riodinid butterfly, *Sarota gyas*. *Journal of natural History* 22(6): 1447-1450, 1 fig. ([11 January]) [life history; Panama, Costa Rica]
- [1989]b. Stratification of fruit-feeding nymphalid butterflies in a Costa Rican rainforest. *Journal of Research on the Lepidoptera* 26(1/4): 98-108, 4 tabs. ("15 November 1988", [2 March 1989]) [general]
- 1989c. Notes on *Panacea procilla lysimache* (Nymphalidae) from Costa Rica. *Journal of Research on the Lepidoptera* 27(2): 140-141 (15 July) [general; behavior]
- 1989d. The butterflies of Hispaniola, 1989, A. Schwartz. *Journal of Research on the Lepidoptera* 27(3/4): 274-276 (10 December) [general; book review]
1990. Enhancement of symbioses between butterfly caterpillars and ants by vibrational communication. *Science* 248: 1104-1106, 1 fig., 1 tab. (1 June) [Riodinidae, Lycaenidae; Costa Rica, Panama, Ecuador]
- 1991a. Mutualism between *Thisbe irenea* butterflies and ants, and the role of ant ecology in the evolution of larval-ant associations. *Biological Journal of the Linnean Society* 43(3): 179-195, 5 tabs. ([23] July) [Panama]
- 1991b. Detecting and recording the calls produced by butterfly caterpillars and ants. *Journal of Research on the Lepidoptera* 28(4): 258-262, 1 fig. (15 September) [general]
- 1991c. Gesneriaceae as a larval hostplant of *Hyposcada virginiana* (Nymphalidae: Ithomiinae). *Journal of Research on the Lepidoptera* 28(4): 310-312 (15 September) [Costa Rica]
- 1991d. Call production by myrmecophilous riodinid and lycaenid butterfly caterpillars (Lepidoptera): Morphological, acoustical, functional, and evolutionary patterns. *American Museum Novitates* 3025: 1-23, 8 figs., 5 tabs. (26 November) [general]
- 1991e. *Evolutionary and ecological patterns in myrmecophilous riodinid butterflies*, pp. 143-156, 5 figs., 1 tab. In: Huxley, R. C. & D. F. Cutler (Eds.), *Ant-plant interactions*. Oxford, Oxford University Press. [general]
1992. Singing caterpillars, ants and symbiosis. *Scientific American* 267(4): 76-82, figs. (October) [*Thisbe irenea* (Cramer); host plant; behavior]
1994. *Patterns of butterfly diversity and promising topics in natural history and ecology*, pp. 187-194, 1 fig., 2 tabs. In: McDade, L. A., K. S. Bawa, H. A. Hespenheide & G. S. Hartshorn (Eds.), *La Selva. Ecology and Natural History of a Neotropical Rain Forest*. Chicago, The University of Chicago Press. [general]
- 1995a. The butterflies of the West Indies and South Florida. 1994. D. Spencer Smith, L. D. Miller & J. Y. Miller. *Journal of Research on the Lepidoptera* 31(3/4): 293-295 (1 November) [general; book review]
- 1995b. Swallowtail butterflies of the Americas/A study in biological dynamics, ecological diversity, biosystematics and conservation. 1994. By Hamilton A. Tyler, Keith S. Brown, Jr. and Kent H. Wilson. *Journal of Research on the Lepidoptera* 31(3/4): 295-297 (1 November) [general; book review]
1996. See Hawkins, B. A. & P. J. DeVries, 1996.
- 1997a. Breathing new life into the study of butterflies. *American Scientist* 85(5): 477-478, 1 fig. (September-October) [general; Venezuela; book review]
- 1997b. *The butterflies of Costa Rica and their natural history. Volume II. Riodinidae*. Princeton University Press. xxvii + 288 pp., 25 pls., 59 figs., 11 tabs. [general; taxonomy; behavior; ecology; life history; egg, larva, pupa, imago; host plants; pathogens; parasites; parasitoids; predators; mimicry; diversity; distribution]
- 1997c. See Swinethrottle, R. B., 1997.
1999. See Penz, C. M. & P. J. DeVries, 1999.
- 2000a. See Lande, R. et al., 2000.
- 2000b. *Butterflies*, pp. 559-573, 5 figs., 5 tabs. In: Lande, S. A. (Ed.), *Encyclopedia of Biodiversity*. London, Academic Press. 1. ([October]) [general]
- 2000c. The other side of butterfly diversity. Symbiotic associations between caterpillars and ants. *Lore* (Milwaukee) 50(2): 4-11, figs. [general]
- 2001a. See Penz, C. M. & P. J. DeVries, 2001.
- 2001b. See Austin, G. T. & P. J. DeVries, 2001.
- 2002a. Flying jewels - Butterfly images, by Yasutaka Murata & Daisaburo Okumoto. 2001. *Journal of the Lepidopterists' Society* 55(3): 124 (26 February) [general; book review]
- 2002b. See Penz, C. M. & P. J. DeVries, 2002.
- 2002c. See Engen, S. et al., 2002.
- 2002d. See Hill, R. I. et al., 2002.
2003. *The Concise Atlas of Butterflies of the World*, by Bernard d'Abrera. 2001. *Journal of the Lepidopterists' Society* 57(1): 77 (9 May) [general; book review]
- 2004a. See Penz, C. M. & P. J. DeVries, 2004.
- 2004b. See Walla, T. R. et al., 2004.
2005. See Mollerman, F. et al., 2005.
2006. See Penz, C. M. & P. J. DeVries, 2006.
2008. See Travassos, M. A. et al., 2008.
- 2009a. See Greeney, H. F. et al., 2009a.
- 2009b. See Casagrande, M. M. et al., 2009.
- 2009c. See Greeney, H. F. et al., 2009c.
- 2010a. See Greeney, H. F. et al., 2010c.
- 2010b. See Greeney, H. F. et al., 2010d.
- 2010c. See Jost, L. et al., 2010.
2011. See Penz, C. M. et al., 2011a.
- 2012a. See Grøtan, V. et al., 2012.
- 2012b. See Tufto, J. et al., 2012.
- 2012c. See Penz, C. M. et al., 2012.
- 2012d. See Alexander, L. G. & P. J. DeVries, 2012.
2013. See Penz, C. M. et al., 2013.
- 2014a. See Penz, C. M. et al., 2014.

- 2014b. See Grøtan, V. et al., 2014.
- 2015a. See Penz, C. M. et al., 2015.
- 2015b. See Cespedes, A. et al., 2015.
- 2015c. See Espeland, M. et al., 2015.
- 2015d. *Butterfly reflections in thirds*, pp. 135-144, 5 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general; Neotropics]
- 2016a. See Fordyce, J. A. & P. J. DeVries, 2016.
- 2016b. See Pinheiro, C. E. G. et al., 2016.
- 2017a. See Penz, C. M. et al., 2017.
- 2017b. See Beirão, M. do V. et al., 2017.
- 2017c. See Kajin, M. et al., 2017.
- 2018a. See Seraphim, N. et al., 2018.
- 2018b. See Chacón, I. A. et al., 2018.
2019. See Nice, C. C. et al., 2019.
- DeVries, Philip James, Laura G. Alexander, Isidro Adolfo Chacón and James A. Fordyce**
2012. Similarity and differences among rainforest fruit-feeding butterfly communities in Central and South America. *Journal of animal Ecology* 81(2): 472-482, 8 figs., 7 tabs. (March; published online 9 November 2011) [general]
- DeVries, Philip James, George Traut Austin and Noland H. Martin**
2008. Diel activity and reproductive isolation in a diverse assemblage of Neotropical skippers (Lepidoptera: Hesperidae). *Biological Journal of the Linnean Society* 94(4): 723-736, 3 figs., 5 tabs. (August; published online 25 July) [general; Brazil]
2009. Estimating species diversity in a guild of Neotropical skippers (Lepidoptera: Hesperidae) with artificial lures is a sampling problem. *Insect Conservation and Diversity* 2(2): 125-134, 5 figs., 4 tabs. (May; published online 19 February) [general; Brazil]
- DeVries, Philip James, and Irene Baker**
1989. Butterfly exploitation of an ant-plant mutualism: Adding insult to herbivory. *Journal of the New York entomological Society* 97(3): 332-340, 3 figs. (22 August) [*Thisbe irenea* (Cramer); life history; behavior; Panama]
- DeVries, Philip James, Béríte Carmo Cabral and Carla Maria Penz**
2004. The early stages of *Apodemia paucipuncta* (Riodinidae): myrmecophily, a new caterpillar ant-organ and consequences for classification. *Contributions to Biology and Geology, Milwaukee public Museum* 102: 1-13, 3 figs., 1 tab. (31 May) [larva, pupa; host plant; behavior; Brazil]
- DeVries, Philip James, and Isidro Adolfo Chacón**
1982. A new species of *Adelpha* (Nymphalidae) from Parque Nacional Braulio Carrillo, Costa Rica. *Journal of Research on the Lepidoptera* 20(2): 123-126, 3 figs. (20 September) [*A. stilesiana*]
- DeVries, Philip James, Isidro Adolfo Chacón and Debra Lynne Murray**
1994. Toward a better understanding of host use and biodiversity in riodinid butterflies (Lepidoptera). *Journal of Research on the Lepidoptera* 31(1/2): 103-126, 5 tabs. (1 July) [general; host plants; Belize, Costa Rica, Panama, Ecuador, Argentina]
- DeVries, Philip James, and Jason Piers Wilton Hall**
1996. Two new species of Costa Rican butterflies (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 7(1)(1): 87-90, 5 figs. (25 June) [*Mesosemia harveyi*, *Theope guillaumei cecropia*; Panama]
- DeVries, Philip James, Donald James Harvey and Ian James Kitching**
1986. The ant associated epidermal organs on the larva of the lycaenid butterfly *Curetis regula* Evans. *Journal of natural History* 20(3): 621-633, 18 figs. ([20] May) [*Hades noctula* Westwood, *Euselasia* spp.]
- DeVries, Philip James, Ian James Kitching and Richard Irwin Vane-Wright**
1985. The systematic position of *Antirrhoea* and *Caerois*, with comments on the classification of the Nymphalidae (Lepidoptera). *Systematic Entomology* 10(1): 11-32, 30 figs., 1 tab. (January) [life histories; host plants; Central and South America]
- DeVries, Philip James, Russell Lande and Debra Lynne Murray**
1999. Associations of co-mimetic ithomiine butterflies on small spatial and temporal scales in a neotropical rainforest. *Biological Journal of the Linnean Society* 67(1): 73-85, 2 figs., 5 tabs. ([17] May) [general; Ecuador]
- DeVries, Philip James, and George Eujens Martínez**
1994. The morphology, natural history, and behavior of the early stages of *Morpho cypris* (Nymphalidae; Morphinae) - 140 years after formal recognition of the butterfly. *Journal of the New York entomological Society* 101(4): 515-530, 13 figs. (22 February) [egg, larva, pupa, imago; host plant; Costa Rica]
- DeVries, Philip James, Debra Lynne Murray and Russell Lande**
1997. Species diversity in vertical, horizontal, and temporal dimensions of a fruit-feeding butterfly community in an Ecuadorian rainforest. *Biological Journal of the Linnean Society* 62(3): 343-364, 8 figs., 5 tabs. ([26] November) [general]
- DeVries, Philip James, and Carla Maria Penz**
2000. Entomophagy, behavior, and elongated thoracic legs in the myrmecophilous Neotropical butterfly *Alesa amesis* (Riodinidae). *Biotropica* 32(4a): 712-721, 3 figs., 1 tab. (December) [Ecuador]
2002. Early stages of the entomophagous metalmark butterfly *Alesa amesis* (Riodinidae: Eurybiini). *Journal of the Lepidopterists' Society* 56(4): 265-271, 17 figs., 1 tab. (9 December) [egg, larva, pupa; behavior; Ecuador]
- DeVries, Philip James, Carla Maria Penz and Ryan I. Hill**
2010. Vertical distribution, flight behaviour and evolution of wing morphology in *Morpho* butterflies. *Journal of animal Ecology* 79(5): 1077-1085, 3 figs., 4 tabs. (September; published online 5 August)
- DeVries, Philip James, and George Orlo Poinar, Jr.**
1997. Ancient butterfly-ant symbiosis: direct evidence from Dominican amber. *Proceedings of the royal Society of London (B)* 264(1385): 1137-1140, 1 fig. (22 August) [*Theope*]
- DeVries, Philip James, Carla Maria Penz and Thomas Robert Walla**
2000. The biology of *Batesia hypochlora* in an Ecuadorian rainforest (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 10(2): 43-46, 2 figs. ("20", [22] November) [egg, larva, pupa; host plant; ecology; behavior]
- DeVries, Philip James, J. Schull and Nancy Greig**
1987. Synchronous nocturnal activity and gregarious roosting in the Neotropical butterfly *Celaenorrhinus fritzgartneri* (Lepidoptera: Hesperidae). *Zoological Journal of the Linnean Society* 89(1): 89-103, 3 figs., 1 tab. ("January", [2 February]) [behavior; ecology; Costa Rica]
- DeVries, Philip James, and Frank Gary Stiles**
1990. Attraction of pyrrolizidine alkaloid seeking Lepidoptera to *Epidendrum paniculatum* orchids. *Biotropica* 22(3): 290-297, 1 fig., 6 tabs. (September) [Ithomiinae, *Lycorea ceres atergatis* Doubleday, *Charis*, Hesperidae; Costa Rica]
- DeVries, Philip James, and Thomas Robert Walla**
2001. Species diversity and community structure in Neotropical fruit-feeding butterflies. *Biological Journal of the Linnean Society* 74(1): 1-15, 5 figs., 7 tabs. ([22] September)

- [general; Ecuador]
- DeVries, Philip James, Thomas Robert Walla and Harold Francis Greeney**
1999. Species diversity in spatial and temporal dimensions of fruit-feeding butterflies from two Ecuadorian rain forests. *Biological Journal of the Linnean Society* 68(3): 333-353, 6 figs., 6 tabs. ([26] November) [general]
- DeVries, Philip James, and Kirby L. Wolfe**
1979. Occurrence of fly maggots in adult *Morpho theseus* Deys. [sic] (Lepidoptera: Morphidae) females from Costa Rica. *Brenesia* (San José) 16: 223 ("June", [October])
- De Vries, Tjitte**
2002. See Jaramillo, J. & T. De Vries, 2002.
- Dewhurst, Charles**
1999. *Dryas julia* [sic] (Fabricius) (Lep.: Nymphalidae: Heliconiinae) in West Sussex. *Entomologist's Record and Journal of Variation* 111(3): 148 (25 May) [Central America]
- Dewitz, Hermann** [1848-1890]
- 1877a. Tagschmetterlinge von Portorico gesammelt von Herrn Consul Krug. *Stettiner entomologische Zeitung* 38(4/6): 233-245, pl. 1 (late March) [general; ecology; life histories; new taxa: *Pieris josephina* variety *krugii*, *Terias citrina* variety *portoricensis*, *Synchlloe tulita*, *Goniloba idas* variety *pedro*]
- 1877b. Neue Schmetterlinge des Berliner Museums. *Mittheilungen des münchener entomologischen Vereins* 1: 85-91, pl. 2 ([after June]) [general; *Papilio zaddachii*, *Heliconius salvinii*, *Callithomia tridactyla*, *Ithomia petersii*, *Sais rosalia* variety *virchowii*, *Acraea atrata*, *A. steinii*, *Eueides kunowii*, *Grapta haroldii*, *Heterochroa wallisii*, *Pandemos godmanii*; Colombia, Venezuela, Costa Rica, Panama, Mexico]
1878. Entwicklung einiger venezuelanischer Schmetterlinge nach Beobachtungen von Göllmer. *Archiv für Naturgeschichte* 44(1): 1-36, pl. 1. [general; host plants; eggs, larvae, pupae; behavior]
1879. Naturgeschichte cubanischer Schmetterlinge. Nach Beobachtungen des Herrn Dr. Gundlach bearbeitet. *Zeitschrift für die gesammten Naturwissenschaften* 52(2): 155-174, pl. 2 (March-April) [general; host plants; larvae, pupae]
1882. Beschreibung von Jugendstadien exotischer Lepidopteren. *Nova Acta der kaiserlichen Leopoldina-Carolina-Deutsche Akademie der Naturforschung* 44(2): 245-271, pls. 8-9. [*Colaenis delila* (Fabricius), *Pyrgus syrichtus* Fabricius; host plants, larvae; Cuba]
1888. *Papilio cacicus* Luc. und *zaddachii* Dwtz. *Deutsche entomologische Zeitschrift* 1888(2): 332 (November) [Colombia]
1889. Erwiderung. *Deutsche entomologische Zeitschrift* 1889(1): 224 (May) [*Papilio cacicus* Lucas, *P. zaddachii* Dewitz; Colombia]
- DeWorms, Charles George Maurice (Baron)** [1903-1979]
1963. The "Canon Watkinson" sale of Lepidoptera. *Entomologist* 96(1196): 22-24 ([15] January) [general]
1967. A remarkable sale of exotic butterflies. *Entomologist's Record and Journal of Variation* 79(3): 88-91 (15 March) [Rousseau-Decelle's collection]
1969. Barbados, Grenada, Trinidad, Tobago (April-May, 1968). *Entomologist's Record and Journal of Variation* 81(2): 33-39 (15 February) [general]
1975. Jamaica revisited: April 1974. *Entomologist's Record and Journal of Variation* 87(1): 1-7 (15 January) [general]
- DeWorms, Charles George Maurice (Baron) and Theodore James Graham Homer**
1972. Collecting in Jamaica: September and October 1971. *Entomologist's Record and Journal of Variation* 84(9): 219-223 (15 September), (10): 242-247 (15 October) [general]
- Dexter, Kelly M.**
- 2018a. See Toussaint, E. F. A. et al., 2018.
- 2018b. See Kawahara, A. Y. et al., 2018b.
- Dexter, Kyle G.**
2017. See Endara, M.-J. et al., 2017.
- Dexter, Ralph Warren** [1912-1991]
1982. A. S. Packard on a former connection between Brazil and Africa based upon his study of Lepidoptera. *Journal of the Lepidopterists' Society* 35(4): 321 (13 May) [biogeography]
- Deyrolle, Émile** [1838-1917]
- 1860a. [A note]. *Bulletin de la Société entomologique de France* (3)7(4): ccxxiii (1 March) [*Morpho eugenia*, *M. aegyptus*, *M. amathonte*, *M. theseus*; *nomina nuda*]
- 1860b. Notice sur cinq *Morpho* nouveaux. *Annales de la Société entomologique de France* (3)8(1): 207-214 (13 June) [*M. eugenia*, *M. hebe*, *M. egyptus*, *M. amathonte*, *M. theseus*; French Guiana, Brazil, Colombia]
1869. [A note]. *Bulletin de la Société entomologique de France* (4)9(2): xxxvi (22 September) [*Heliconius* spp.]
- 1872a. [Notes]. *Petites Nouvelles entomologiques* 1(44): 175 (15 January) [*Morpho* spp.; Bolivia, Brazil, Colombia, Ecuador, French Guiana]
- 1872b. Etudes sur les lépidoptères du genre *Pavonia*. *Revue et Magasin de Zoologie pure et appliquée* (2)23(1): 18-21, pl. 1 (January), (2): 64-66, pls. 9, 11 (February) [new species: *P. oberthurii*, *P. euphorbus*; Colombia]
- 1872c. Notes sur la synonymie de quelques espèces du G. *Morpho*. *Petites Nouvelles entomologiques* 1(56): 224-225 (15 July) [general; Mexico, Central and South America]
- 1872d. Etudes sur les lépidoptères du genre *Pavonia*. *Revue et Magasin de Zoologie pure et appliquée* (2)23(8): 275-276, pls. 24, 26 (August) [new species: *P. suzanna*; Colombia]
1873. [A note]. *Petites Nouvelles entomologiques* 1(70): 279 (15 February) [*Morpho* sp.]
1874. [Description de lépidoptères nouveaux du genre *Pavonia*]. *Revue et Magasin de Zoologie pure et appliquée* (3)2(8): pls. 6-7 ([before 1 December]) [*P. galba*]
- Dezaure, Jules**
2019. See Chouteau, M. et al., 2019.
- Dhungel, Bidur, and Niklas Wahlberg**
2018. Molecular systematics of the subfamily Limenitidinae (Lepidoptera: Nymphalidae). *PeerJ* 6(e4311): 1-17, 1 fig., 2 tabs. (published online 2 February) [general; new tribes: Cymothoini, Pseudacraeini, Pseudoneptini]
- Dias, Ana Cristina Andrade de Aguiar**
2017. See Silva, E. O. et al., 2017.
- Dias, Fernando Maia Silva**
- 2010a. See Dolibaina, D. R. et al., 2010a.
- 2010b. See Dolibaina, D. R. et al., 2010b.
- 2012a. See Leite, L. A. R. et al., 2012b.
- 2012b. See Dolibaina, D. R. et al., 2012.
- 2012c. See Mielke, O. H. H. et al., [2012]c.
- 2013a. See Dolibaina, D. R. et al., 2013.
- 2013b. See Siewert, R. R. et al., 2013.
- 2014a. See Ríos, S. D. et al., 2014.
- 2014b. See Salik, L. M. G. et al., 2014.
- 2014c. See Siewert, R. R. et al., 2014e.
- 2014d. See Santos, F. L. dos et al., 2014.
- 2014e. See Dolibaina, D. R. et al., 2014b.
- 2015a. See Dolibaina, D. R. et al., 2015a.
- 2015b. See Neild, A. F. E. et al., 2015.
- 2015c. See Salik, L. M. G. et al., 2015.
- 2016a. See Queiroz-Santos, L. et al., 2016.

- 2016b. See Dolibaina, D. R. et al., 2016.
- 2016c. See Oliveira-Neto, J. F. de et al., 2016.
- 2017a. See Salik, L. M. G. et al., 2017.
- 2017b. See Zacca, T. et al., 2017c.
- 2017c. See Câmara, J. T. et al., 2017.
- 2017d. See Shuey, J. A. et al., 2017.
2018. See Pyrcz, T. W. et al., 2018a.
- 2019a. See Toussaint, E. F. A. et al., 2019.
- 2019b. See Nakahara, S. et al., 2019b.
- Dias, Fernando Maia Silva, Eduardo Carneiro, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
- 2012a. Biology and external morphology of immature stages of the butterfly *Diaethria candrena candrena*. *Journal of Insect Science* 12(9): 1-11, 42 figs. (25 January) [egg, larva, pupa; host plants; Brazil]
- Dias, Fernando Maia Silva, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
- 2010a. Aspectos biológicos e morfologia externa dos imaturos de *Memphis moruus stheno* (Prittwitz) (Lepidoptera: Nymphalidae). *Neotropical Entomology* 39(3): 400-413, 8 figs., 1 tab. (June) [egg, larva, pupa; host plants; Brazil]
- 2010b. Morfologia do exoesqueleto de adultos de *Memphis moruus stheno* (Prittwitz) (Lepidoptera, Nymphalidae, Charaxinae). *Revista brasileira de Entomologia* 54(3): 376-398, 93 figs., 1 tab. (30 September) [Argentina, Brazil]
- 2010c. Biology and external morphology of immature stages of *Memphis appias* (Hübner) (Lepidoptera: Nymphalidae: Charaxinae). *Zootaxa* 2668: 21-32, 34 figs. (5 November) [egg, larva, pupa, imago; host plant; Brazil]
- 2010d. Alternative techniques to study characters of the genitalia in Lepidoptera. *Neotropical Entomology* 39(6): 1044-1045, 2 figs. (December) [general]
2011. External morphology and ultra-structure of eggs and first instar of *Prepona laertes laertes* (Hübner, [1811]), with notes on host plant use and taxonomy. *Journal of Insect Science* 11(100): 1-10, 42 figs. (15 August) [Brazil]
- 2012b. Taxonomic notes on the leafwing butterflies *Memphis leonida* (Stoll) and *Memphis editha* (Comstock), stat. nov. (Lepidoptera: Nymphalidae: Charaxinae). *Zootaxa* 3343: 16-30, 29 figs. (12 June) [South America]
- 2012c. Notes on the distribution of *Memphis montesino* Pyrcz, 1995 and *Memphis boliviana* (Druce, 1977 [sic]) (Insecta: Lepidoptera): New country records and updated geographic distribution maps. *Check List* 8(4): 756-758, 3 figs. [Guyana, Argentina]
- 2012d. Description of a new species of the genus *Zaretis* Hübner, [1819], with taxonomic notes on *Z. itys* and *Z. itylus*, stat. rev. (Lepidoptera: Nymphalidae: Charaxinae) and illustration of a gynandromorph. *Zootaxa* 3382: 29-40, 32 figs. (9 July) [*Z. falcis*; Brazil, Peru, French Guiana]
- 2014b. Biology and external morphology of the immature stages of the butterfly *Callicore pygas eucale*, with comments on the taxonomy of the genus *Callicore* (Nymphalidae: Biblidinae). *Journal of Insect Science* 14(91): 1-18, 44 figs. (17 July) [egg, larva, pupa, adult; host plant; Brazil]
- 2015a. Description of the hitherto unknown female of *Napaea joinvillea* (Lepidoptera: Riodinidae: Mesosemiini), with a discussion on its taxonomic status. *Florida Entomologist* 98(1): 126-129, 13 figs. (March) [Brazil; distribution]
- 2019c. Immature stages of the turquoise-banded shoemaker *Archaeoprepona amphimachus pseudomeander* (Fruhstorfer, 1906) and a comparative review of the Preponini (Lepidoptera: Nymphalidae). *Austral Entomology* 58(2): 451-462, 51 figs., 1 tab. (16 May; published online 10 April 2018) [egg, larva, pupa, imago; host plants; Brazil]
- Dias, Fernando Maia Silva, Diego Rodrigo Dolibaina, Carlos Guilherme Costa Mielke, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2015b. Description of two new species of *Pheles* Herrich-Schäffer, [1853] and notes on the taxonomic position of two species hitherto included in the genus (Riodinidae: Riodininae). *Zootaxa* 3981(2): 275-283, 40 figs. (3 July) [*P. plaumanni*, *P. obscura*, *Melanis caatingensis* (Callaghan & Nobre), *Pachythone bicolor* (Godman & Salvin); Brazil, Guatemala, Panama, Colombia]
- Dias, Fernando Maia Silva, Diego Rodrigo Dolibaina, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2013a. New species of *Mesenopsis* Godman & Salvin, 1886 (Lepidoptera: Riodinidae: Symmachiini) from southeastern Brazil, with an illustrated key to the genus. *Zootaxa* 3616(6): 578-586, 40 figs. (25 February) [*M. jordana*; mimicry]
- 2013b. Revision of the genus *Stichelia* Zikán (Riodinidae: Riodininae: Symmachiini), with the description of a new species from southern Brazil. *Zootaxa* 3693(4): 579-593, 5 figs. (31 July) [*S. catarinensis*]
- 2014a. Two new species of *Esthemopsis* C. Felder & R. Felder, 1865 (Lepidoptera: Riodinidae: Symmachiini) from southeastern and northeastern Brazil with taxonomic comments on *Esthemopsis teras* (Stichel, 1910) stat. rev. and *Esthemopsis pallida* Lathy, 1932 stat. nov. *Zootaxa* 3784(2): 148-158, 41 figs. (27 March) [*E. sateri*, *E. diamantina*]
- Dias, Fernando Maia Silva, Daniel Hunt Janzen, Winifred D. Hallwachs, Isidro Adolfo Chacón, Keith Richard Willmott, Elena Ortiz, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2019a. DNA barcodes uncover hidden taxonomic diversity behind the variable wing patterns in the Neotropical butterfly genus *Zaretis* (Lepidoptera: Nymphalidae: Charaxinae). *Zoological Journal of the Linnean Society* 185(1): 132-192, 27 figs., 3 tabs. (1 January; published online 1 August 2018) [new taxa: *Phantos*, *Z. hurin*, *Z. elianahenrichae*, *Z. mirandahenrichae*, *Z. crawfordhilli*; Central and South America]
- Dias, Fernando Maia Silva, Gabriela Lourenço Leviski, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
2016. *Dismorphia melia* (Godart, [1824]) (Pieridae: Dismorphiinae): External morphology of the last instar and pupa, with notes on its taxonomy, variation and distribution. *Journal of the Lepidopterists' Society* 70(1): 61-71, 32 figs. (9 March) [host plant; Brazil]
- Dias, Fernando Maia Silva, José Francisco de Oliveira-Neto, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
- 2015c. External morphology of immature stages of *Zaretis strigosus* (Gmelin) and *Siderone galanthis catarina* Dottax and Pierre comb. nov., with taxonomic notes on *Siderone* (Lepidoptera: Nymphalidae: Charaxinae). *Revista brasileira de Entomologia* 59(4): 307-319, 62 figs., 2 tabs. (December; published online 1 October) [general; host plants; Central and South America]
- Dias, Fernando Maia Silva, Ricardo Russo Siewert, André Victor Lucci Freitas, Gerardo Lamas, Luiza de Noraes Magaldi, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2019b. An integrative approach elucidates the systematics of *Sea* Hayward and *Cybelis* Boisduval (Lepidoptera: Nymphalidae: Biblidinae). *Systematic Entomology* 44(1): 226-250, 15 figs. (January; published online 3 January)

- [new taxa: *Cybdelini*, *S. sophronia jenkinsi*; South America]
- Dias, Manoel Martins, Filho** [1948- ]
1974. Contribuição à biologia e morfologia de *Celaenorrhinus similis similis* Hayward, 1933 (Lepidoptera, Hesperidae, Pyrginae). *Revista brasileira de Entomologia* (São Paulo) 18(1): 33-36, 11 figs. (20 May) [egg, larva, pupa; host plant; Brazil]
1978. Parasitismo de *Danaus plexippus erippus* (Lepidoptera, Danaidae) por "*Masicera*" *brasiliensis* (Diptera, Tachinidae), e descrição da larva e pupário do parasita. *Revista brasileira de Entomologia* (São Paulo) 22(1): 5-10, 13 figs. (30 June) [Brazil]
- 1979a. Contribuição à morfologia e biologia de *Anastrus sempi-ternus simplicior* (Möschler, 1876) (Lepidoptera, Hesperidae, Pyrginae). *Revista brasileira de Entomologia* (São Paulo) 23(2): 89-94, 11 figs. (2 July) [Brazil]
- 1979b. Morfologia e biologia de *Eryphanis polyxena polyxena* (Meerburgh, 1775) (Lepidoptera, Satyridae, Brassolinae). *Revista brasileira de Entomologia* (São Paulo) 23(4): 267-274, 18 figs. (28 December) [Brazil]
- 1980a. Bionomia e descrição dos estágios imaturos de *Aguna albistria albistria* (Plötz, 1881) (Lepidoptera, Hesperidae). *Dusenya* (Curitiba) 12(1): 15-20, 12 figs. (15 October) [Brazil]
- 1980b. Morfologia da pupa de alguns Riodinidae brasileiros (Lepidoptera). *Revista brasileira de Entomologia* (São Paulo) 24(3/4): 181-191, 36 figs. (29 December) [general]
1997. See Ebert, H. & M. M. Dias, 1997.
1998. Designação da espécie-tipo do gênero *Carmina* Ebert & Dias (Lepidoptera, Nymphalidae, Satyrinae). *Revista brasileira de Zoologia* 15(4): 119 (30 December) [*Satyris paeon* Godart]
2006. Lepidoptera, pp. 163-191, 102 figs. In: Costa, C., S. Ide & C. E. Simonka (Eds.), *Insectos inmaduros: Metamorfosis e identificación. Monografías Tercer Milenio. Sociedad entomológica aragonesa* 5. (30 September) [general]
2010. See Fernandes, L. B. dos R. et al., 2010.
- 2011a. Taxonomic considerations on the genera *Moneuptychia* Forster and *Carmina* Dias, *reval.* (Lepidoptera, Nymphalidae, Satyrinae). *Brazilian Journal of Biology* 71(2): 537-540, 6 figs., 1 tab. (31 May) [general; Brazil]
- 2011b. See Penteado-Dias, A. M. et al., 2011.
- Dias, Lericia Paschoallete**
2018. See Passos, G. de A. G. et al., 2018.
- Dias, Pedro Guilherme Barrios de Souza**
2010. See Graciotim, C. et al., 2010.
- Díaz, Alba, Jaime E. Péfaur and Pedro Durant**
1997. *Ecology of South American Páramos with emphasis on the fauna of the Venezuelan Páramos*, pp. 263-310, 15 figs., 26 tabs. In: Wielgolaski, F. E. (Ed.), *Ecosystems of the World. 3. Polar and Alpine Tundra*. Amsterdam, Elsevier [general]
- Díaz, Alberto** [1925-1997]
- 1975a. Papilionídeos del valle de Tepoztlán, Morelos. *Boletín informativo. Sociedad mexicana de Lepidopterología* 1(3): 5-7 (May-June) [general; ecology; Mexico]
- 1975b. Relato de un viaje al sureste de México. *Revista de la Sociedad mexicana de Lepidopterología* 1(1): 23-24 (June) [general]
- 1977a. See Maza, R. F. de la & A. Díaz, 1977.
- 1977b. See Maza, R. G. de la et al., 1977.
- 1977c. See Maza, J. de la et al., 1977.
- 1978a. See Maza, J. de la & A. Díaz, 1978a.
- 1978b. See Maza, J. de la & A. Díaz, 1978b.
- 1978c. See Maza, R. G. de la & A. Díaz, 1978.
1979. See Maza, J. de la & A. Díaz, 1979.
1982. See Maza, J. de la & A. Díaz, 1982.
- Díaz, Alberto, and Javier de la Maza**
1978. Guía ilustrada de las mariposas mexicanas. Parte I. Familia Papilionidae. *Publicaciones especiales. Sociedad mexicana de Lepidopterología* 3: 1-15, 125 figs., 2 maps. [general]
- Díaz, Asdrúbal**
2006. See Rodríguez, G. et al., 2006.
- 2009a. See Rodríguez, G. et al., 2009a.
- 2009b. See Rodríguez, G. et al., [2009]b.
2011. See Rodríguez, G. et al., 2011.
- 2012a. See Rodríguez, G. et al., 2012a.
- 2012b. See Rodríguez, G. et al., 2012b.
- Díaz, Asdrúbal, Carlos González, Vladímír Villalba and Gladys Rodríguez**
2000. Evaluación de insectos defoliadores y de sus enemigos naturales en plantaciones de palma de aceite (*Elaeis guineensis* Jacq.) del oriente de Venezuela. *Palmas* (Bogotá) 21(número especial)(1): 195-200. [*Brassolis siphonae* (Linnaeus), *Opsiphanes*; host plant; parasitoids; predators]
- Díaz, Gabriel**
1976. Biología y hábitos del gusano confeti del aguacate *Pyrrhopyge chalybea* Scudder (Lepidoptera: Hesperidae [sic]) en Guanajuato. *Folia entomológica mexicana* 36: 27 (December) [abstract; Mexico]
1977. Biología y hábitos del gusano confeti del aguacate, *Pyrrhopyge chalybea* Scudder (Lepidoptera: Hesperidae) en Guanajuato. *Agricultura técnica en México* 4(1): 39-47, 4 figs., 2 tabs. (December) [life history; host plant; behavior; Mexico]
- Díaz, Gerardo**
1976. *Urbanus proteus* (L.) en Azapa (Lep., Hesperidae). *Idesia* (Arica) 4: 159-161, 3 tabs. (29 March) [ecology; distribution; host plants; parasitoids; egg, larva, pupa, imago; Chile]
- Díaz, Jaime**
2012. See Luna, C. et al., 2012.
- Díaz, Karina**
2012. See Ángel, A. L. et al., 2012.
- Díaz, Martha Azucena, and Hortensia Carrillo**
2012. *Sistema reproductivo del macho de Leptophobia aripa Boisduval (Lepidoptera: Pieridae)*, pp. 1181-1186, 2 figs. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(2). México, Sociedad mexicana de Entomología. [morphology; Mexico]
- Díaz, Martha Azucena, Maricela Rodríguez and Betzabeth Cecilia Pérez**
2012. *Determinación de especies de ropalóceros asociados al Jardín Botánico Universitario, Puebla, México*, pp. 1175-1180, 3 tabs. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(2). México, Sociedad mexicana de Entomología. [general]
- Díaz, Milton H.**
2015. See MacGregor, I. et al., 2015.
- Díaz, Norma B., and Andrés Eugenio Varga**
1997. Conozcamos a las mariposas. *Mariposas del Mundo* (Buenos Aires) 3: 14-20, 7 figs. (September) [general]
- Díaz, Paola**
2013. See Ríos, J. (I.) C. & P. Díaz, 2013.
- Díaz, Salomón**
2002. See Brower, L. P. et al., 2002.
2003. See Bojórquez, L. A. et al., 2003.
- Díaz, Vanessa**
2015. See Mahecha, O. J. & V. Díaz, 2015.

2018. See Urbano, P. M. et al., 2018.
- Díaz, Walter**  
2013. See Anteparra, M. E. et al., 2013.
- Díaz-Batres, María Eugenia Elsa** [1944- ]  
1976. La colección Müller de Lepidoptera. *Boletín informativo. Sociedad mexicana de Lepidopterología* 2(1): 1-3 (January-February) [general; Mexico]  
1977. See Barrera, A. & M. E. E. Díaz, 1977.  
1991a. Sobrevivencia de *Eucheira socialis westwoodi* Beutelspacher (Lepidoptera: Pieridae) en la Reserva de la Biosfera "La Michilía", Durango, México. *Acta zoológica mexicana* (N. S.) 44: 27-39, 1 fig., 5 tabs. [life history; host plant; parasitoids; predators]  
1991b. Estudio ecológico de los lepidópteros Hesperioidea de la Reserva de la Biosfera "La Michilía", Durango, México. *Folia entomologica mexicana* 81: 325-333, 2 figs., 4 tabs. (December) [general]  
2003a. See Luna, C. et al., 2003a.  
2003b. See Luna, C. et al., 2003b.  
2019. See Jiménez-Sánchez, E. et al., 2019.
- Díaz-Batres, María Eugenia Elsa, and Alfredo Barrera**  
1981. La colección Müller de Lepidoptera en el Museo de Historia Natural de la Ciudad de México. *Folia entomologica mexicana* 49: 35-40 (November) [general; Mexico]
- Díaz-Batres, María Eugenia Elsa, and Jacques Boudinot**  
1986. *Eucheira socialis westwoodi* Beutelspacher, 1984. Contribution à sa systématique (Lepidoptera, Pieridae). *Revue française d'Entomologie* (N.S.) 8(3): 135-143, 19 figs., 1 tab. (15 September) [egg, larva, pupa, imago; host plants; behavior; ecology; Mexico]
- Díaz-Batres, María Eugenia Elsa, and Jorge Enrique Llorente**  
2011. *Mariposas de Chapultepec. Guía visual*. México, Artes Gráficas Panorama. 156 pp., figs. (December) [general; Mexico]
- Díaz-Batres, María Eugenia Elsa, Jorge Enrique Llorente, Isabel Vargas and Moisés Armando Luis**  
2001. *Papilionoidea (Lepidoptera) de la Reserva de la Biosfera La Michilía en Durango, México*, pp. 35-56, 3 figs., 5 tabs. In: Vargas, M., O. J. Polaco & G. Zúñiga (Eds.), *Contribuciones entomológicas. Homenaje a la Dra. Isabel Bassols Batalla*. México, Instituto Politécnico Nacional, Escuela Nacional de Ciencias Biológicas (December) [general]
- Díaz-Castelazo, Cecilia**  
2018. See Martínez-Adriano, C. A. et al., 2018.
- Díazgranados, Mauricio**  
2007. See Ospina, N. H. et al., 2007.
- Díazgranados, Mauricio, Wilson Ariel Ramírez, Tomás Bolaños, Camilo Arturo Peraza, Álvaro Fajardo, Diego Enrique Tobar, Pablo Barriga and Claudia Córdoba**  
[2004]. *Caracterización ecológica del Paramillo de la Peña del Carmen, cerros orientales de Bogotá, D.C.*, pp. 429-443, 3 figs., 5 tabs. In: Jaramillo, C. A. (Ed.), *Memorias. Congreso Mundial de Páramos. Tomo I*. Bogotá, Conservación Internacional Colombia ("May 2002", [2004]) [general; Colombia]
- Dickens, Michael C., and Eric S. Storey**  
1972. *The world of butterflies*. New York, The Macmillan Company. 127 pp., 108 figs. [general; ecology; behavior; host plants; parasitoids and predators; distribution; Neotropics]
- Dickens, Jeremy K., Leigh McMahon and Sarah E. Binnie**  
2019. The butterflies of a Cerrado-Atlantic Forest ecotone at Laguna Blanca reveal underestimation of Paraguayan butterfly diversity and need for conservation. *Journal of Insect Conservation* 23(4): 707-728, 7 figs., 3 tabs. (August; published online 2 July) [general]
- Dicksee, Arthur**  
1918. A new sub-species of *Morpho rhetenor*. *Proceedings of the entomological Society of London* 1917(2/4): xlviii-xlix (16 May) [no name; Colombia]  
1919. A new form of *Morpho eugenia*. *Proceedings of the entomological Society of London* 1918(3/4): clxviii (29 March) [*M. e. damocles*; Colombia]  
1923. Rare Ecuador butterflies. *Proceedings of the entomological Society of London* 1922(5): lxxii (5 May) [*Morpho*, *Coenophlebia*]  
1926. A gynandromorph of *Papilio androgeus*. *Proceedings of the entomological Society of London* 1925(3/4): lxi-lxii (5 February) [Peru]  
1927a. Butterflies from Colombia. *Proceedings of the entomological Society of London* (A) 2(1): 2 (18 July) [general]  
1927b. Butterflies from South America. *Proceedings of the entomological Society of London* (A) 2(2): 41 (31 December) [*Agrias*, *Morpho*; Colombia]  
1928. Blue species of *Agrias* from Colombia. *Proceedings of the entomological Society of London* (A) 3(1): 12 (18 August) [general]
- Dickson, Rebecca**  
2007. See Vester, H. F. M. et al., 2007.
- Didari, Azadeh, and Mustafa Pinar Mengüç**  
2018. A biomimicry design for nanoscale radiative cooling applications inspired by *Morpho didius* butterfly. *Scientific Reports* 8(16891): 1-9, 9 figs. (15 November) [Peru]
- Dierl, Wolfgang** [1935-1996]  
1979. Bemerkenswerte Schmetterlingssammlungen in der Zoologischen Staatssammlung in München. *Nota lepidopterologica* 2(1/2): 31-33 (17 August) [general]
- Dierl, Wolfgang, and Axel Hausmann**  
1992. Die Sektion Lepidoptera der Zoologischen Staatssammlung München. *Spixiana, Supplement* 17: 101-107, 4 figs. (9 July) [history]
- Dietrich, Kaspar** [1819-1878]  
1862. Zur Systematik der Schmetterlinge. *Stettiner entomologische Zeitung* 23(10/12): 466-479 (October-December) [general]
- Dietsch, Thomas V.**  
2003a. See Perfecto, I. et al., 2003.  
2003b. See Mas, A. H. & T. V. Dietsch, 2003.  
2004. See Mas, A. H. & T. V. Dietsch, 2004.
- Diewald, Silvia**  
2013. See Siddique, R. S. et al., 2013.
- Diffendorfer, Jay E.**  
2016. See Semmens, B. X. et al., 2016.  
2017a. See Thogmartin, W. E. et al., 2017.  
2017b. See Oberhauser, K. S. et al., 2017.
- Di Iorio, Osvaldo Rubén** [1959-2016]  
2004a. *Addenda*, pp. 327-334. In: Pastrana, J. A., *Los lepidópteros argentinos. Sus plantas hospedadoras y otros sustratos alimenticios*. Buenos Aires, Sociedad Entomológica Argentina. xvi + 334 pp. (July) [general]  
2004b. See Pastrana, J. A. et al., 2004.  
2014. See Penco, F. C. & O. R. Di Iorio, 2014.
- Dikow, Rebecca B.**  
2019. See Edelman, N. B. et al., 2019.
- Dilcher, David L.**  
2016. See Labandeira, C. C. et al., 2016.
- Diller, Juliane** [1954- ], and **Ernst-Gerhard Burmeister**  
2007. Panguana. Ein peruanischer Vogelname für eine bayerische Urwaldforschungsstation. *Aviso* (München) 2007(1): 46-49, figs. [general; Peru]
- Dillon, Lawrence Samuel** [1910-1999]



1947. Some new subspecies of butterflies from Dominica, B. W. I. *Bulletin of the Brooklyn entomological Society* 42(3): 97-102 (10 December) [general; *Appias* (*Glutophrissa*) *drusilla comstocki*, *Phoebis agarithe pupillata*, *Eurema venusta emanona*, *Panoquina nyctelia agar*]
1948. The tribe Catagrammini (Lepidoptera: Nymphalidae). Part 1. The genus *Catagramma* and allies. *Reading public Museum scientific Publications* 8: vii + 113 pp., 14 pls. (3 September) [general; new taxa: *Paulogramma* (new genus) *peristera piraya*, *C. hydaspes peregrinata*, *C. h. dubiosa*, *C. aegina sticheli*, *C. mengeli*, *C. mionina acrensensis*, *C. atacama amastris*, *C. a. bassleri*, *C. felderi peruviansis*, *C. cyllene madeirensis*, *C. peralta*, *C. levi*, *C. hystaspes cuyaba*, *C. h. macrifasciata*, *C. cynosura fulva*, *C. astarte astartoides*, *C. a. staudingeri* (new name), *C. selima goyazae*, *C. s. reflexa*, *C. s. lilliputa*, *C. excelsior micheneri*, *C. e. uaupensis*, *Catacore*; Neotropics]
- Dimarco, Romina D., and James A. Fordyce**  
2017. Not all toxic butterflies are toxic: high intra- and interspecific variation in sequestration in subtropical swallowtails. *Ecosphere* 8(12)(e02025): 1-11, 4 figs. (December; published online 11 December) [*Parides agavus* (Drury), *P. anchises nephalion* (Godart), *P. neophilus eurybates* (Gray), *Battus polydamas* (Linnaeus), *B. polystictus* (Butler); host plants; Argentina]
- Di Mare, Rocco Alfredo** [1952-2017]  
2001. See Schwartz, G. & R. A. Di Mare, 2001.  
2002. See Paim, A. C. & R. A. Di Mare, 2002.  
2003. See Specht, A. et al., 2003.  
2008. See Giovenardi, R. et al., 2008.  
2009a. See Salgado-Neto, G. & R. A. Di Mare, 2009.  
2009b. See Bonfantti, D. et al., 2009.  
2010. See Salgado-Neto, G. et al., 2010.  
[2014]. See Giovenardi, R. et al., [2014].
- Di Mare, Rocco Alfredo, and Aldo Mellender de Araújo**  
1986. A first survey of inbreeding effects in *Heliconius erato phyllis* (Lepidoptera, Nymphalidae). *Revista brasileira de Genética* 9(1): 11-20, 2 figs., 4 tabs. [Brazil]
- Di Mare, Rocco Alfredo, and Elio Corseuil**  
2004a. Morfometria de Papilioninae (Lepidoptera, Papilionidae) ocorrentes em quatro localidades do Rio Grande do Sul, Brasil. II. Relação entre partes do corpo, aerodinâmica de vôo e tipos de asas. *Revista brasileira de Zoologia* 21(4): 833-846, 3 figs., 5 tabs. (31 December) [general]  
2004b. Morfometria de Papilioninae (Lepidoptera, Papilionidae) ocorrentes em quatro localidades do Rio Grande do Sul, Brasil. III. Análise da forma das asas através de marcos anatômicos. *Revista brasileira de Zoologia* 21(4): 847-855, 10 figs., 3 tabs. (31 December) [general]
- Di Mare, Rocco Alfredo, Elio Corseuil and Gustavo Schwartz**  
2004. Morfometria de Papilioninae (Lepidoptera, Papilionidae) ocorrentes em quatro localidades do Rio Grande do Sul, Brasil. I. Comparações com a massa corporal. *Revista brasileira de Entomologia* 48(4): 535-545, 2 figs., 3 tabs. (31 December) [general]
- Di Mare, Rocco Alfredo, José Augusto Teston and Elio Corseuil**  
2003. Espécies de *Adelpha* Hübner, [1819] (Lepidoptera, Nymphalidae, Limenitidinae) ocorrentes no Rio Grande do Sul, Brasil. *Revista brasileira de Entomologia* 47(1): 75-79, 1 fig. (31 March) [general; host plants]
- Dimock, Thomas E.**  
1984. Patronyms in rhopaloceran nomenclature. *Journal of Research on the Lepidoptera* 23(1): 94-101, 2 figs. (15 June) [general]
- D'Incao, Fernando**  
2013. See Gantes, M. L. et al., 2013.
- Ding, Fei**  
2018. See He, J. et al., 2018.
- Ding, Yong, Sheng Xu and Zhing Lin Wang**  
2009. Structural colors from *Morpho* peleides butterfly wing scales. *Journal of applied Physics* 106(7)(074702): 1-6, 7 figs., 1 tab. (1 October) [morphology]
- Dingle, Hugh** [1946- ]  
1978. See Blakley, N. R. & H. Dingle, 1978.  
1996. *Migration. The biology of life on the move*. New York, Oxford University Press. vi + 474 pp., figs., tabs. [general]
- Dingle, Hugh, Myron Phillip Zalucki, Wayne A. Rochester and T. Armijo-Prewitt**  
2005. Distribution of the monarch butterfly, *Danaus plexippus* (L.) (Lepidoptera: Nymphalidae), in western North America. *Biological Journal of the Linnean Society* 85(4): 491-500, 4 figs., 1 tab. (August) (published online 20 July) [Mexico]
- Dingler, Max Gottfried** [1883-1961]  
1924. Insektenkasten mit Glasboden. *Internationale entomologische Zeitschrift* 18(3): 17-19, 1 fig. (22 April) [*Morpho*, *Caligo*; technique]  
1927. Ueber die Puppe und das Schlüpfen von *Morpho laertes* Druce (= *epistrophis* Hbn.). *Mitteilungen der münchener entomologischen Gesellschaft* 17(1/6): 61-68, pls. 2-3, 1 fig. (15 May) [Brazil]
- Diniz, Ivone Rezende**  
1995. See Morais, H. C. de et al., 1995.  
1996. See Morais, H. C. de et al., 1996.  
1997a. See Pinheiro, F. et al., 1997.  
1997b. See Milhomen, M. de S. et al., 1997.  
2000a. See Andrade, I. et al., 2000.  
2000b. See Morais, H. C. de et al., 2000.  
2002. See Marquis, R. J. et al., 2002.  
2005. See Stireman, J. O., III et al., 2005.  
2006. See Bendicho-López, A. et al., 2006.  
2007. See Dyer, L. A. et al., 2007.  
2009a. See Carregaro, J. B. et al., 2009.  
2009b. See Morais, H. C. de et al., 2009.  
2010. See Scherrer, S. et al., 2010.  
2011. See Silva, N. A. P. da et al., 2011.  
2012. See Lepesqueur, C. et al., 2012.  
2014. See Freire Júnior, G. de B. et al., 2014.  
2015a. See Braga, L. & I. R. Diniz, 2015.  
2015b. *Some Brazilian lepidopterists*, pp. 205-212, 4 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general; larvae; host plants]  
2015c. See Freire Júnior, G. de B. & I. R. Diniz, 2015.  
2016. See Scherrer, S. et al., 2016.  
2017. See Lepesqueur, C. et al., 2017.
- Diniz, Ivone Rezende, Barbara Fernandes Higgins and Helena Castanheira de Morais**  
2011. How do frequent fires in the Cerrado alter the lepidopteran community? *Biodiversity and Conservation* 20(7): 1415-1426, 2 figs., 4 tabs. (June; published online 25 March) [general; Brazil]
- Diniz, Ivone Rezende, and Helena Castanheira de Morais**  
1995. Larvas de Lepidoptera e suas plantas hospedeiras em um cerrado de Brasília, DF, Brasil. *Revista brasileira de Entomologia* (São Paulo) 39(4): 755-770, 2 tabs. (29 December) [general]  
1997. Lepidopteran caterpillar fauna of cerrado host plants. *Biodiversity and Conservation* 6(6): 817-836, 2 figs., 4 tabs. (June) [general; Brazil]  
2002. Local pattern of host plant utilization by lepidopteran larvae in the cerrado vegetation. *Entomotropica* 17(2): 115-119, 1 tab. (August) [Lycaenidae, Pieridae; Brazil]

2005. *Abundância e amplitude de dieta de lagartas (Lepidoptera) no cerrado de Brasília (DF)*, pp. 305-318, 2 figs., 5 tabs. In: Scariot, A., J. C. Sousa-Silva & J. M. Felfili (Eds.), *Cerrado: Ecologia, biodiversidade e conservação*. Brasília, Ministério do Meio Ambiente. [general; Brazil]
- Diniz, Ivone Rezende, Helena Castanheira de Moraes, A. M. F. Botelho, Fábio Venturoli and Béríte Carmo Cabral**
1999. Lepidoptera caterpillar fauna on lactiferous host plants in the central Brazilian cerrado. *Revista brasileira de Biologia* 59(4): 627-635, 2 tabs. (22 December) [*Emesis russula* Stichel, *Symmachia* sp.]
- Diniz, Ivone Rezende, Helena Castanheira de Moraes and Amabilio José Aires de Camargo**
2001. Host plants of lepidopterous caterpillars in the cerrado of the Distrito Federal, Brazil. *Revista brasileira de Entomologia* (São Paulo) 45(2): 107-122, 2 tabs. (31 August) [general]
- Diniz, Ivone Rezende, Helena Castanheira de Moraes and John Du Vall Hay**
2000. Natural history of herbivores feeding on *Byrsonima* species. *Brazilian Journal of Ecology* 4(1/2): 49-54, 2 figs., 2 tabs. [*Chiomara basigutta* (Plötz); host plant; Brazil]
- Diniz, Maria Celeste Campello**
2011. See Broglio-Micheletti, S. M. F. et al., 2011.
- Diniz, Soraia**
2006. See Almeida, A. M. de et al., 2006.
- Di Palma, Federica**
2019. See Edelman, N. B. et al., 2019.
- Dirksen, Heinrich**
2019. See Hill, J. A. et al., 2019.
- Diringer, Louis**
2003. Séjour entomologique en Guyane française (26 janvier - 5 février 2003). Première approche des Lycaenidae néotropicaux. *Bulletin des Lépidoptéristes parisiens* 12(26): 84-89, 2 pls., 1 tab. (December) [general]
- 2012a. *Les Lycaenidae de Guyane: quelques observations sur les biotopes, les comportements et les périodes d'émergence (Lepidoptera: Lycaenidae)*, pp. 4-8, 5 figs., 1 graph. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 5. Lycaenidae*. Paris, Association des Lépidoptéristes de France (January) [general]
- 2012b. *Considérations générales sur l'évolution de la nomenclature des Lycaenidae néotropicaux et place des Lycaenidae de Guyane française dans la littérature (Lepidoptera: Lycaenidae)*, pp. 9-45, 5 pls., figs. tabs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 5. Lycaenidae*. Paris, Association des Lépidoptéristes de France (January) [general]
- 2012c. Le premier mâle connu de *Brevianta saphonota* (Constantino, Salazar & Johnson, 1993), Bálint, 2005, comb. nova (Lepidoptera, Lycaenidae: Eumaeini). *Lépidoptères* (Paris) 21(53): 108-113, 6 figs., 1 map (December) [Ecuador]
- 2012d. Un mâle de *Parides vercingetorix* (Oberthür, 1888) capturé récemment à Saül, dans l'intérieur de la Guyane (Lepidoptera: Papilionidae: Troidini). *Lépidoptères* (Paris) 21(53): 114-116, 3 figs. (December) [French Guiana]
- Diringer, Louis, Nick V. Grishin, Qian Cong, Robert C. Busby and Xavier C. Mérit**
2019. *Brevianta saphonota* (Constantino, Salazar & K. Johnson, 1993). Confirmation de son placement dans le genre *Brevianta* K. Johnson, Kruse & Kroenlein, 1997 (Lepidoptera: Lycaenidae). *Lépidoptères* (Paris) 28(73): 55-61, 7 figs., 1 tab. (September) [Colombia, Ecuador]
- Dirzo, Rodolfo**
1999. See Sánchez, G. et al., 1999.
- Distant, William Lucas [1845-1922]**
1875. Description of a new species of Brassolinae from Bogota. *Entomologist's monthly Magazine* 11(129): 203 (February) [*Opsiphanes bogotanus*; Colombia]
1876. Remarks on the Rhopalocera of Costa Rica. *Proceedings of the entomological Society of London* 1876(3): x-xiv (2 November) [general; new species: *Ituna albescens*, *Mechanitis ovata*, *M. labotas*, *Euptychia butleri*]
1877. The geographical distribution of *Danais archippus*. *Transactions of the entomological Society of London* 1877(2): 93-104 (2 July) [general; Neotropics]
- 1880a. [A note]. *Proceedings of the entomological Society of London* 1879(5): lii (23 February) [*Danais plexippus* (Linnaeus); aberration; Antigua]
- 1880b. The Natural classification and geographical distribution of butterflies. *Reports of the Dulwich scientific Society* 3: 43-48 (December). [general; Neotropics]
1881. Description of the female sex of *Morpho adonis*, Cram. *Transactions of the entomological Society of London* 1881(3): 397-399, pl. 20 (8 September) [Guyana]
1883. The theory of mimicry and mimicking theories. *Annals and Magazine of natural History* (5)11(61): 43-48 (1 January) [general]
- 1899-1900. Biological suggestions. Mimicry. *Zoologist* (4)3(697): 289-315 (15 July 1899), (698): 341-363 (15 August 1899), (700): 443-470 (16 October 1899), (702): 529-553 (15 December 1899); 4(705): 116-130 (15 March 1900) [general]
- Dix-Luna, Oscar**
2012. See Kula, R. R. et al., 2012.
- Dixey, Frederick Augustus [1855-1935]**
1890. On the phylogenetic significance of the wing-markings in certain genera of the Nymphalidae. *Transactions of the entomological Society of London* 1890(1): 89-129, pls. 1-3 (17 April) [general]
- 1894a. On the phylogeny of the Pierinae, as illustrated by their wing-markings and geographical distribution. *Transactions of the entomological Society of London* 1894(2): 249-334, pls. 3-5 (29 May) [general]
- 1894b. On the relation of mimetic characters to the original form. *Report of the british Association for the Advancement of Science* 64: 692-693. [general]
1896. On the relation of mimetic patterns to the original form. *Transactions of the entomological Society of London* 1896(1): 65-79, pls. 3-5 (30 March) [general]
- 1897a. [Notes]. *Proceedings of the entomological Society of London* 1897(2): xx-xxii (2 July) [general; mimicry]
- 1897b. Mimetic attraction. *Transactions of the entomological Society of London* 1897(3): 317-332, pl. 7 (1 September) [general]
1899. [Notes]. *Proceedings of the entomological Society of London* 1898(5): xxxix-xli (9 February) [Pieridae; Neotropics]
1905. [Notes]. *Proceedings of the entomological Society of London* 1905(2): xix-xxii (15 July) [*Eucheira*, *Neophasia*; behavior; Mexico]
1906. [Notes]. *Proceedings of the entomological Society of London* 1906(1): xxi-xxii (29 May) [Pieridae]
- 1907a. [Notes]. *Proceedings of the entomological Society of London* 1906(3/4): xc-xcv (23 January) [melanism in Pieridae]
- 1907b. Recent developments in the theory of mimicry. *Nature* (London) 76(1083): 673-678 (31 October) [general; Central and South America]
- 1909a. Mimicry of the *melpomene*-like Heliconii by other groups of South American butterflies. *Proceedings of the entomological Society of London* 1908(3/4): li-liv (20

- January) [general]
- 1909b. Mimetic relation between *Colaenis telesiphe*, Hew., *Heliconius telesiphe*, Doubl., and *Pereute antodyca*, Boisd. *Proceedings of the entomological Society of London* 1908(3/4): xci-xcii (20 January) [general; Ecuador, Peru, Bolivia, Brazil]
- 1909c. Mimicry by *Colaenis telesiphe* and *Belenois thysa*, probably Mullerian. *Proceedings of the entomological Society of London* 1908(3/4): xcvi-xcvii (20 January) [Peru]
- 1909d. On Mullerian mimicry and diaposematism. A reply to Mr. G. A. K. Marshall. *Transactions of the entomological Society of London* 1908(3/4): 559-583 (20 January) [general]
- 1909e. On diaposematism, or the interchange of characters between distasteful forms. *Reports of the british Association for the Advancement of Science* 78: 733-734. [general; mimicry; Central and South America]
1910. The plume-scales of the Pierinae. *Proceedings of the entomological Society of London* 1909(5): xciii-cxli, pls. D-F (30 March) [general; morphology]
1911. Mimicry. *Mémoires du I Congrès international d'Entomologie* (Bruxelles) 2: 369-384 (30 October) [general; Neotropics]
- 1913a. *Tatochila immaculata*, Rüb. *Proceedings of the entomological Society of London* 1913(2): xlii-xliii (26 September) [general; Argentina]
- 1913b. On the scent-patches of the Pierinae. *Transactions of the Second international Congress of Entomology* (Oxford) 2: 336-341 (14 October) [general; morphology]
- 1914a. Mimicry in relation to geographical distribution. *Proceedings of the entomological Society of London* 1913(3): lx-lxix (21 January) [general]
- 1914b. Pierids and their scent-scales. *Proceedings of the entomological Society of London* 1913(3): cx-cxii (21 January), (4): cx-cxv (31 March) [general]
1915. New species and subspecies of Pierinae. *Transactions of the entomological Society of London* 1915(1): 1-15, pls. 1-2, 7 figs. (26 May) [*Hesperocharis longstaffi*, *Pieris janeta*, *P. howarthi*; Venezuela, Mexico]
1922. Pierines from Central Peru. *Proceedings of the entomological Society of London* 1921(5): lxx-lxx (13 April) [*Pereute* spp., *Pieris* spp.]
1924. The disappearance of cryptic patterns during flight. *Proceedings of the entomological Society of London* 1923(3/4): lxvii-lxix (15 April) [Pieridae]
- 1932a. The plume-scales of the Pierinae. *Transactions of the entomological Society of London* 80(1): 57-75, 437 figs. (30 June) [general; morphology; Neotropics]
- 1932b. A note on the scent-scales of the pierine genera *Delias*, *Daptonura*, and *Belenois*. *Proceedings of the entomological Society of London* (A) 7(2): 25 (31 December) [general]
- 1933a. The Pierinae of the collections of the late Admiral Edmund G. Bourke now in the Hope Department of the University Museum, Oxford. *Entomologist's monthly Magazine* 69(827): 92-96 (April), (828): 97-102 (May) [general; new species: *Catopsilia bourkei*; Ecuador]
- 1933b. A new species of *Callidryas*. *Proceedings of the royal entomological Society of London* (A) 8(1): 8-9 (30 June) [*C. bourkei*; Ecuador]
- 1933c. The scales in *Kricogonia lyside*, Godt. *Proceedings of the royal entomological Society of London* (A) 8(2): 107-108 (30 December)
- Dixo, Marianna**  
2009. See Pardini, R. et al., 2009.
- Dixon, Bruce Wayne** [1938-2013]  
1955. A new subspecies of *Epargyreus clarus* from Arizona with distributional notes. *Entomological News* 66(1): 6-9 (6 January) [general; *E. c. huachuca*; Mexico, Central and South America]
- Dixon, C. A., James M. Erickson, D. N. Kellett and Miriam Louisa Rothschild**  
1978. Some adaptations between *Danaus plexippus* and its food plant, with notes on *Danaus chrysippus* and *Euploea core* (Insecta: Lepidoptera). *Journal of Zoology* 185(4): 437-467, 1 pl., 18 tabs. (21 August) [Trinidad]
- Dixon, Sarah**  
1999. See Jiggins, C. D. et al., 1999.  
2000. See Jiggins, C. D. et al., 2000.
- Djernaes, Marie**  
2011. See Simonsen, T. J. et al., 2011.
- Doak, Scott**  
2018. See Parnell, A. J. et al., 2018.
- Dobler, Susanne**  
2013. See Petschenka, G. et al., 2013.
- Dobosz, Roland**  
2017. See Domagata, P. J. et al., 2017.
- Dobson, Heidi E. M.**  
2003a. See Andersson, S. & H. E. M. Dobson, 2003a.  
2003b. See Andersson, S. & H. E. M. Dobson, 2003b.
- Dockery, Michael, and Dmitri Viktorovich Logunov**  
2015. David Longsdon (1864-1937) and his collection of swallowtail butterflies (Papilionidae) at the Manchester Museum. *Russian entomological Journal* 24(2): 155-179, 38 figs., 9 tabs. ("June", [26 August]) [general; Neotropics]  
2018. The Lepidoptera collection of William Raymond Wooff (1929-2006) in the Manchester Museum. *Entomologists' monthly Magazine* 154(4): 271-295, 15 figs., 6 tabs. (26 October) [general; Costa Rica, Panama, Trinidad]
- Dockx, Cristina**  
2007. Directional and stabilizing selection on wing size and shape in migrant and resident monarch butterflies, *Danaus plexippus* (L.), in Cuba. *Biological Journal of the Linnean Society* 92(4): 605-616, 5 figs., 14 tabs. (December; published online 7 December) [behavior]  
2012. Differences in phenotypic traits and migratory strategies between eastern North American monarch butterflies, *Danaus plexippus* (L.). *Biological Journal of the Linnean Society* 106(4): 717-736, 13 figs., 6 tabs. (August; published online 14 June) [Mexico, Cuba]
- Dockx, Cristina, Lincoln Pierson Brower, Leonard I. Wassenaar and Keith A. Hobson**  
2004. Do North American monarch butterflies travel to Cuba? Stable isotope and chemical tracer techniques. *Ecological Applications* 14(4): 1106-1114, 1 pl., 5 figs., 3 tabs. (August) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Dodson, Calaway Homer** [1928- ]  
1965. *Agentes de polinización y su influencia sobre la evolución en la familia Orquidaceae*. Iquitos, Universidad Nacional de la Amazonía Peruana. vi + 128 pp., 36 figs., 8 graphs (January) [*Papilio* sp., *Urbanus* sp.; Costa Rica]  
1967. *Relationships between pollinators and orchid flowers*, pp. 1-72, 42 figs. In: Lent, H. (Ed.), *Atas do Simpósio sobre a Biota Amazônica*. 5. *Zoologia*. Rio de Janeiro, Conselho Nacional de Pesquisas. [general]
- Döll, Stefanie, Isabell Hensen, Alexander N. Schmidt-Lebuhn and Michael Kessler**  
2007. Pollination ecology of *Justicia rusbyi* (Acanthaceae), a common understory plant in a tropical mountain forest in eastern Bolivia. *Plant Species Biology* 22(3): 211-216, 4 figs., 1 tab. (December; published online 6 November) [general]
- Doering, Adolf** [1848-1926]

1875. Noticias ornitológicas de las regiones ribereñas del Río Guayquiraró. *Periódico zoológico* (Córdoba) 1(3): 237-258. [*Pavonia epistrophis* (Fabricius); Argentina]
- Dötterl, Stefan**  
 2011. See Braun, M. et al., 2011.  
 2012. See Braun, M. et al., 2012.
- Dogger, James Russell** [1923- ], and **Saúl Hernán Risco**  
 1970. La fauna insectil de las lomas de Trujillo. Estudio del Cerro "Campana". *Boletín técnico. Círculo entomológico del Norte* (Lambayeque) 1(2): 1-5 (August) [Lycaenidae, Pieridae; Peru]
- Dognin, Paul** [1856-1931]  
 1887a. Notice sur la faune des lépidoptères de Loja et environs (Equateur) et descriptions d'espèces nouvelles. *Le Naturaliste* (2)1(15): 173-175, 7 figs. (15 October) [ecology; *Lymanopoda villarresi*, *Pedaliodes morenoi*, *Acraea theophila*, *A. euclia*, *Perisama eliodora*, *Phyciodes flavocincta*, *P. gaujoni*]  
 1887b. Note sur la faune des lépidoptères de Loja et environs (Equateur). Paris, Imprimerie Alcan-Lévy. 24 pp., 2 pls. [general]  
 1887c-88a. Diagnoses de lépidoptères nouveaux de l'Equateur. *Le Naturaliste* (2)1(16): 188-190, 5 figs. (1 November 1877); 2(23): 48, 2 figs. (15 February 1888), (25): 67-68, 5 figs. (15 March 1888) [*Hesperocharis poujadei*, *H. gaujoni*, *Eurema marmorata*, *Lycoena* [sic] *ramon*, *L. martha*, *Phyciodes rosina*, *Archonias incerta*, *Phyciodes miriam*, *Achlyodes violacea*, *Perisama davidi*, *Hesperocharis aureomaculata*, *Apaustus bilineata*]  
 1888b. Rectification. *Le Naturaliste* (2)2(27): 95 (15 April) [*Perisama davidi* Dognin = *P. hazarma* (Hewitson); Ecuador]  
 1889. Diagnoses de lépidoptères nouveaux. *Le Naturaliste* (2)3(54): 134 (1 June) [*Eurema nigrocincta*; Ecuador]  
 1891a. Diagnoses de lépidoptères nouveaux. *Le Naturaliste* (2)5(98): 85 (1 April), (101): 125-126 (15 May) [*Perisama ouma*, *Leptalis schausii*, *Daedalma palacio*, *Lymnas vidali*, *Eurybia turna*, *Baeotis dryades*; Ecuador]  
 1891b. Description de lépidoptères nouveaux. *Le Naturaliste* (2)5(102): 132 (1 June) [*Oxeoschistus loxo*; Colombia]  
 1891c. *Lépidoptères de Loja et environs (Equateur). Descriptions d'espèces nouvelles*. Paris, Imprimerie F. Levé. 2: 27-65, pls. 3-6 ([before October]) [general]  
 1893a. Lépidoptères nouveaux de Loja et environs (Equateur). *Annales de la Société entomologique de Belgique* 37(4): 156-161 (April) [*Mesosemia aguilata*]  
 1893b. Lépidoptères nouveaux de l'Amérique du Sud principalement de Loja et environs (Equateur). *Annales de la Société entomologique de Belgique* 37(7): 367-374 (July) [*Pedaliodes corderoi*]  
 1894a. Lépidoptères nouveaux de Loja et environ. *Annales de la Société entomologique de Belgique* 38(12): 680-687 (December) [*Eresia cerquita*; Ecuador]  
 1894b. *Lépidoptères de Loja et environs (Equateur). Descriptions d'espèces nouvelles*. Paris, Imprimerie F. Levé. 3: 67-99, pls. 7-10. [general]  
 1895. Lépidoptères de Loja et environs. *Annales de la Société entomologique de Belgique* 39(2): 105-118 (28 February) [*Thecla faga*, *T. joya*, *T. amatista*; Ecuador]  
 1896. Lépidoptères nouveaux de Loja et environs (Equateur). *Annales de la Société entomologique de Belgique* 40(3): 134-148 (21 April) [*Lymanopoda ignilineata*]  
 1899. Lépidoptères nouveaux de l'Amérique du Sud. *Annales de la Société entomologique de Belgique* 43(5): 249-253 (26 May) [*Perisama astuta*, *P. mola*, *P. parabomplandii*; Colombia, Ecuador]  
 1900. Hétérocères nouveaux de l'Amérique du Sud. *Annales de la Société entomologique de Belgique* 44(5): 213-233 (8 June) [new species: *Phellinodes coscoja*; Ecuador]  
 1911a. Hétérocères nouveaux de l'Amérique du Sud. *Mémoires de la Société entomologique de Belgique* 18: 151-188 ([before 9 June]) [new species: *Phellinodes intermedia*; Colombia]  
 1911b. *Hétérocères nouveaux de l'Amérique du Sud*. Rennes, Imprimerie Oberthür. 3: 1-66 (25 October) [new species: *Phellinodes cellulata*, *P. latiplex*, *P. praecostalis*; Ecuador, French Guiana, Colombia]  
 1911c. *Hétérocères nouveaux de l'Amérique du Sud*. Rennes, Imprimerie Oberthür. 4: 1-66 (26 December) [new species: *Phellinodes parornata*; French Guiana]
- Dohrn, Wolfgang Ludwig Heinrich** [1838-1913]  
 1910. *Papilio lenaeus* Doubleday. *Stettiner entomologische Zeitung* 71(2): 323-324, 1 fig. (15 March) [Bolivia]
- Dolder, Mary Anne Heidi**  
 2001. See Mancini, K. & M. A. H. Dolder, 2001.  
 2003. See Mancini, K. & M. A. H. Dolder, 2003.  
 2004a. See Mancini, K. & M. A. H. Dolder, 2004a.  
 2004b. See Mancini, K. & M. A. H. Dolder, 2004b.  
 2005. See Mancini, K. et al., 2005.
- Dolibaina, Diego Rodrigo**  
 2012a. See Carneiro, E. et al., 2012.  
 2012b. See Mielke, O. H. H. et al., [2012]c.  
 2013a. See Dias, F. M. S. et al., 2013a.  
 2013b. See Dias, F. M. S. et al., 2013b.  
 2014a. See Siewert, R. R. et al., 2014a.  
 2014b. See Dias, F. M. S. et al., 2014.  
 2014c. See Salik, L. M. G. et al., 2014.  
 2014d. See Siewert, R. R. et al., 2014e.  
 2014e. See Santos, F. L. dos et al., 2014.  
 2014f. See Carneiro, E. et al., 2014c.  
 2015a. See Warren, A. D. et al., 2015a.  
 2015b. See Dias, F. M. S. et al., 2015b.  
 2015c. See Neild, A. F. E. et al., 2015.  
 2015d. See Carneiro, E. et al., 2015c.  
 2015e. See Warren, A. D. et al., 2015b.  
 2017. See Câmara, J. T. et al., 2017.  
 2018a. See Carneiro, E. et al., 2018.  
 2018b. See Pyrcz, T. W. et al., 2018a.  
 2018c. See Siewert, R. R. et al., 2018b.  
 2019a. See Medeiros, A. D. de et al., 2019a.  
 2019b. See Nakahara, S. et al., 2019b.  
 2019c. See Medeiros, A. D. de et al., 2019b.
- Dolibaina, Diego Rodrigo, Eduardo Carneiro, Fernando Maia Silva Dias, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
 2010a. Registros inéditos de borboletas (Papilionoidea e Hesperioidea) ameaçados de extinção para o Estado do Paraná, Brasil: novos subsídios para reavaliação dos critérios de ameaça. *Biota neotropica* 10(3): 75-81, 21 figs. (8 July) [general; conservation]
- Dolibaina, Diego Rodrigo, Eduardo Carneiro, Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande and Gerardo Lamas**  
 2017a. Monotypic no more: a new species of *Panca* Evans (Lepidoptera: Hesperidae: Hesperinae: Moncini) from South America. *Zootaxa* 4269(1): 124-132, 18 figs. (19 May) [*P. moseri*; Bolivia, Brazil, Peru]
- Dolibaina, Diego Rodrigo, Fernando Maia Silva Dias, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
 2013. Taxonomy of the '*Synargis axenus* complex' belonging to the '*Synargis regulus*' species group, with a phylogenetic reassessment of the genus *Synargis* Hübner, 1819 (Lepidoptera: Riodinidae: Nymphidiini). *Zoological Journal*

- of the *Linnean Society* 168(3): 427-451, 84 figs., 2 tabs. (July; published online 8 July) [new species: *S. fandanga*, *S. rasqueada*, *S. gorpa*; morphology; distribution; Brazil, Paraguay, Argentina]
- 2014b. A new species of *Eurybia* (Lepidoptera: Riodinidae: Eurybiini) from Northeastern Brazil. *Florida Entomologist* 97(3): 1208-1212, 9 figs. (September) [*E. gonzaga*; morphology]
- 2015a. *Argyrogrammana* Strand (Lepidoptera: Riodinidae) from Parque Nacional da Serra do Divisor, Acre, Brazil, with the description of four new species. *Zootaxa* 4028(2): 227-245, 66 figs. (8 October) [*A. halli*, *A. gallardi*, *A. brevignoni*, *A. willmotti*]
- Dolibaina, Diego Rodrigo, Fernando Maia Silva Dias, Ricardo Russo Siewert, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
2016. *Mesene* Doubleday (Lepidoptera: Riodinidae) from Parque Nacional da Serra do Divisor, Acre, Brazil, with taxonomic notes and the description of a new species. *Zootaxa* 4175(5): 463-472, 45 figs. (18 September) [*M. graciela*]
- Dolibaina, Diego Rodrigo, Fernando Maia Silva Dias, Márcio Uehara-Prado, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2010b. Insecta, Lepidoptera, Riodinidae, Nymphiidini [sic], *Aricoris terias* (Godman, 1903): First records from Brazil and updated geographic distribution map. *Check List* 6(4): 637-638, 2 figs. (December)
- Dolibaina, Diego Rodrigo, Luis Anderson Ribeiro Leite, Fernando Maia Silva Dias, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
2012. An annotated list of *Symmachia* Hübner, [1819] (Lepidoptera: Riodinidae: Symmachiini) from Parque Nacional da Serra do Divisor, Acre, Brazil, with the description of a new species. *Insecta Mundi* 0249: 1-11, 55 figs., 1 tab. (24 August) [*S. divisora*; Ecuador, Peru]
- Dolibaina, Diego Rodrigo, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
2011. Borboletas (Papilionoidea e Hesperioidea) de Guarapuava e arredores, Paraná, Brasil: um inventário com base em 63 anos de registros. *Biota neotropica* 11(1): 341-354, 1 fig., 2 tabs. (March; published online 1 January) [general]
- 2014a. Taxonomic revision of *Cumbre* Evans, 1955 (Hesperiidae: Hesperinae: Moncini), with the description of two new species. *Zootaxa* 3841(1): 47-66, 61 figs. (24 July) [*C. haywardi*, *C. lamasi*; South America]
- 2017b. Taxonomy of *Rufocumbre* gen. nov., a new Moncini skipper genus (Lepidoptera: Hesperidae: Hesperinae). *Zootaxa* 4365(2): 196-216, 56 figs. (18 December) [new species: *R. celioi*, *R. emeryi*, *R. schneideri*, *R. lucasi*; Brazil]
- Dolibaina, Diego Rodrigo, Andrew David Warren, Eduardo Carneiro and Olaf Hermann Hendrik Mielke**
- 2015b. Three new species of *Artines* Godman, 1901 from Central and South America (Hesperiidae: Hesperinae: Moncini). *Tropical Lepidoptera Research* 25(2): 52-59, 26 figs. (28 December) [*A. maya*, *A. steinhauseri*, *A. mirnae*]
- Dolinski, Claudia, and Lawrence A. Lacey**
2007. Microbial control of arthropod pests of tropical tree fruits. *Neotropical Entomology* 36(2): 161-179, 1 fig. (March-April) [*Opsiphanes tamarindi* C. Felder & R. Felder, *Thecla basilides* (Geyer); host plants; Venezuela, Brazil]
- Dolle, Patrick, Philipp Klein, Ottmar W. Fischer, Hans-Ulrich Schnitzler, Lawrence Edmund Gilbert and Michael Hans Boppré**
2018. Twittering pupae of papilionid and nymphalid butterflies (Lepidoptera): Novel structures and sounds. *Annals of the entomological Society of America* 111(6): 341-354, 11 figs., 1 tab. (31 October; published online 23 August) [general; morphology; behavior]
- Domagala, Pawel J.**
2019. See González, J. M. & P. J. Domagala, 2019.
- Domagala, Pawel J., Jorge Manuel González, Dariusz J. Ziąja and Roland Dobosz**
2017. Castniidae (Lepidoptera) in the collections of the Museum and Institute of Zoology Polish Academy of Sciences in Warsaw. *Annals of the Upper Silesian Museum in Bytom. Entomology* 26(4): 1-11, 11 figs. (19 October) [general; Neotropics]
- Domingues, Célio A. A.**
1970. See Brown, K. S., Jr. & C. A. A. Domingues, 1970.
- Domínguez, Baldemar**
1992. See Nava, C. A. & B. Domínguez, 1992.
- Domínguez, César Augusto**
2011. See Benítez, S. et al., 2011.
- Domínguez, César Augusto, and Juan Núñez-Farfán**
1994. *Las mariposas diurnas de Pedregal de San Ángel como vectores de polen*, pp. 313-322, 6 figs., 1 tab. In: Rojo, A. (Ed.), *Reserva Ecológica "El Pedregal de San Ángel": Ecología, historia natural y manejo*. México, Universidad Nacional Autónoma de México (May) [general; Mexico]
- Domínguez, Cinthia Berenice**
2015. See Astorga, G. et al., 2015.
- Domínguez, Cristóbal J., Emma Palacios, Alina Pérez and Diosvany Hernández**
2006. Estudio preliminar de los insectos asociados a la cuenca del río Cuyaguatije, Pinar del Río, Cuba. *Cocuyo* 16: 39-47, 2 figs., 3 tabs. (November) [general]
- Domínguez, Héctor L.**
1997. Las mariposas de la Reserva Científica Ébano Verde, pp. 63-74. In: Castillo, R. E., T. May & H. L. Domínguez, Estudios sobre Fauna y Flora de la Reserva Científica Ébano Verde. *Serie de Publicaciones Progressio* (Santo Domingo) 14. [general; Dominican Republic]
- Domínguez, Joanna Esther, José Daniel Bejarano, José Adrián Arvallo, Elena Marisol Lizárraga, Marcos Bucio and Marco Antonio Gonzales**
2016. Diversidad de mariposas diurnas en la reserva ecológica El Mineral de Nuestra Señora de la Candelaria Mundo Natural, Cosala Sinaloa. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) número especial 2: 51-56, 2 figs. (July) [general; Mexico]
- Domínguez, José**
2000. See Loría, R. et al., 2000.
- Domínguez, Katherine, Sandra Inés Uribe and Miguel Gonzalo Andrade**
2016. Mariposas del género *Adelpha* (Lepidoptera: Nymphalidae: Limenitidinae) presentes en el Museo Entomológico Francisco Luis Gallego de la Universidad Nacional de Colombia, Sede Medellín (MEFLG). *Boletín del Museo entomológico Francisco Luis Gallego* 8(1): 7-18, 2 pls. ("January-March", [after 15 July]) [general; Colombia]
- Domínguez, Manuel Salvador**
2003. See Oropeza, J. et al., 2003.
- Domínguez, Martín Roberto**
2017. See Gómez, B. et al., 2017.
- Domínguez, Oscar Enrique**
1978. Insectos perjudiciales del guanábano (*Annona muricata* L.) en el Estado Zulia, Venezuela. *Revista de la Facultad de Agronomía* (Maracay) 4(3): 149-163, 9 figs. (April-July) [*Thecla ortygnus* (Cramer), *Papilio ariarathes evagoras* Gray]

1986. Reconozca algunos de los insectos y ácaros perjudiciales que afectan la parchita maracuyá. *Agrotécnico* (Maracaibo) 3: 10-12, 4 figs. [Heliconiini; host plant; Venezuela]
- 1998a. Fauna fitófaga de parchita maracuyá (*Passiflora edulis* f. *flavicarpa*) en las regiones oriental y suroriental de la cuenca del Lago de Maracaibo, Venezuela: Características morfológicas. *Boletín del Centro de Investigaciones biológicas. La Universidad del Zulia* 32(1): 13-44, 7 figs., 1 tab. (May) [*Dione juno juno* (Cramer), *Eueides isabella huebneri* Ménétríés, *Agraulis vanillae* (Linnaeus); egg, larva, pupa, imago; host plants]
- 1998b. Fauna fitófaga de parchita maracuyá (*Passiflora edulis* f. *flavicarpa*) en las regiones oriental y suroriental de la cuenca del Lago de Maracaibo, Venezuela: Daños e importancia económica. *Boletín del Centro de Investigaciones biológicas. La Universidad del Zulia* 32(2): 79-106, 16 figs., 2 tabs., 1 graph [*Dione juno* (Cramer), *Eueides isabella huebneri* Ménétríés, *Agraulis vanillae* (Linnaeus); host plant]
1999. See Ramírez, R. et al., 1999.
2008. See Ramírez, R. A. et al., 2008.
- Domínguez, Oscar Enrique, and Bruce A. McPheron**  
1993. Arthropods associated with passion fruit in western Venezuela. *Florida Entomologist* 75(4): 607-612, 1 tab. (15 January) [*Eueides isabella huebneri* Ménétríés, *Dione juno* (Cramer), *Agraulis vanillae* (Linnaeus); host plants]
- Domínguez, Oscar Enrique, Raúl Armando Ramírez, María Esther Burgos and Eleodoro Andrés Inciarte.**  
2006. Parasitoides de *Opsiphanes tamarindi* en el plátano, Estado Zulia, Venezuela. *Boletín del Centro de investigaciones biológicas. Universidad del Zulia* 40(3): 227-241, 2 tabs. (December) [host plant]
- Domínguez, Oscar Enrique, Raúl Armando Ramírez, Omar Liscano, M. Vilchez and R. Urdaneta**  
1999. Parasitoides de lepidópteros defoliadores del plátano (*Musa* AAB, cv. Hartón) en el sur del Lago de Maracaibo, Venezuela. *Revista de la Facultad de Agronomía* (Maracaibo) 16(supl. 1): 95-101, 1 tab. [*Opsiphanes tamarindi* C. Felder & R. Felder; host plant]
- Domínguez, Víctor Manuel**  
2003. See Luna, C. et al., 2003a.  
2009. See Luna, C. et al., 2009.  
2012. See Luna, C. et al., 2012.  
2013. See Luna, C. et al., 2013.
- Domínguez, Yolanda, and José Luis Carrillo**  
1976. Lista de insectos en la colección entomológica del Instituto Nacional de Investigaciones Agrícolas. Segundo suplemento. *Folleto misceláneo. Instituto nacional de Investigaciones agrícolas. Secretaría de Agricultura y Ganadería* (México) 29: iv + 245 pp. (March) [general; host plants; Mexico]
- Domínguez-Espinosa, Paola Ivette**  
2014. See Ruiz-Montiel, C. et al., 2014.
- Dominy, Nathaniel J.**  
2007. See Douglas, J. M. et al., 2007.
- Don, Kristine**  
2018. See Nallu, S. et al., 2018.
- Donahue, Julian P.** [1940- ]  
1972. See Hogue, C. L. & J. P. Donahue, 1972.  
1979. Strategies for survival. The cause of a caterpillar. *Terra* 17(4): 3-9, 31 figs. [*Juditha molpe* (Hübner), *Menander* sp.; larvae; Costa Rica]  
1980. See Vyhmeister, G. et al., 1980.  
1989. See Nagano, C. D. et al., 1989.
- Donaldson, John**  
2013. See Ferrer-Paris, J. R. et al., 2013b.
- Donath, Alexander**  
2019. See Kawahara, A. Y. et al., 2019.
- Donatti, Ana Julia**  
2012. See Danieli-Silva, A. et al., 2012.
- Donegan, Martin D.**  
2004. See Donegan, T. M. et al., 2004.
- Donegan, Thomas M., Blanca Cecilia Huertas, Elkin R. Briceño, John Jairo Arias, Iván Camargo and Martin D. Donegan**  
2004. Threatened species of Serranía de los Yariguíes: Project Report. *Colombian EBA Project Report Series* 5: 1-46, figs., 2 tabs. (November) [general; Colombia]
- Donev, Eugenii U.**  
2016. See Tippets, C. A. et al., 2016.
- Dong, Biqin**  
2011. See Liu, F. et al., 2011.
- Dong, Guo-Wen**  
2019. See Shi, Q.-H. et al., 2019.
- Dongo, Segundo**  
1959. See Bocanegra, S. et al., 1959.
- Donnelly, Elizabeth**  
1999. *Journey North: Tracking the migration on the internet*, pp. 347-348. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Donnelly, Maureen Ann** [1954- ]  
1981. See Denno, R. F. & M. A. Donnelly, 1981.
- Donoso, David Andrés** [1980- ]  
2014. See Salazar, F. & D. A. Donoso, 2014.  
2017. See Endara, M.-J. et al., 2017.
- Donoso, David Andrés, Fernanda Salazar, Florencio Maza, Rafael Enrique Cárdenas and Olivier Dangles**  
2009. Diversity and distribution of type specimens deposited in the Invertebrate section of the Museum of Zoology QCAZ, Quito, Ecuador. *Annales de la Société entomologique de France* (N.S.) 45(4): 437-454, 7 figs., 1 tab. (24 December) [general]
- Donovan, Edward** [1768-1837]  
1798-99. *An Epitome of the Natural History of the insects of China: Comprising figures and descriptions of upwards of one hundred new, singular, and beautiful species; together with some that are of importance in medicine, domestic economy, &c. The figures are accurately drawn, engraved, and coloured, from specimens of the insects; the descriptions are arranged according to the system of Linnaeus; with references to the writings of Fabricius, and other systematic authors.* London, Author. [98] pp., [50] pls. [the plates bear several dates in 1798 and 1799] [general]
- 1800-04. *An epitome of the natural history of the insects of India, and the islands in the Indian Seas: Comprising upwards to two hundred and fifty figures and descriptions of the most singular and beautiful species, selected chiefly from those recently discovered, and which have not appeared in the works of any preceding author. The figures are accurately drawn, engraved, and coloured, from specimens of the insects; the descriptions are arranged according to the system of Linnaeus; with references to the writings of Fabricius, and other systematic authors.* London, T. Bensley. 2 + [70] pp., 58 pls. [the dates on the plates go from 1800 to 1804] [general]
1813. *Papilio*, pp. [186]-[213]. In: Rees, A., *The New Cyclopaedia; or Universal Dictionary of Arts, Sciences, and Literature: Formed upon a more enlarged plan of arrangement than the dictionary of Mr. Chambers;*

- comprehending the various articles of that work, with additions and improvements; together with the new subjects of biography, geography, and history; and adapted to the present state of literature and science. London, Longman, Hurst, Rees, Orme, and Brown. 26(1). ([27 November]) [one plate on *Papilio* appeared in vol. 2(2), [7 April] 1803] [general]
- 1822-27. *The Naturalist's repository, or monthly miscellany of exotic Natural History: Consisting of elegantly coloured plates with appropriate scientific and general descriptions of the most curious, scarce, and beautiful productions of nature that have been recently discovered in various parts of the world; and more especially such novelties as from their extreme rarity remain entirely undescribed, or which have not been duly noticed by any preceding naturalists [sic]. The whole composed according to the latest improvement in the various departments of the Science, and forming collectively a truly valuable compendium of the most important discoveries of quadrupeds, birds, fishes, insects, shells, marine productions, and every other interesting object of natural history, the produce of foreign climates.* London, W. Simpkin and R. Marshall. 1: [viii] + [198] pp., pls. 1-36 (April 1822-March 1823); 2: [iv] + [236] pp., pls. 37-72 (April 1823-March 1824); 3: [iv] + [104] pp., pls. 73-108 (April 1824-March 1825); 4: [iv] + [113] pp., pls. 109-144 (April 1825-March 1826); 5: [iv] + [98] pp., pls. 145-180 (April 1826-March 1827) [published monthly, each instalment consisting of three plates and accompanying text] [general; Neotropics]
- Donovan, John J.**  
 1920a. Notes to plate IV. *Lepidoptera* (Boston) 4(5): 34-35, pl. 4 (May) [*Morpho cypris* Westwood; Colombia]  
 1920b. Notes to plate V. *Lepidoptera* (Boston) 4(6): 44-46, pl. 5 (June) [*Papilio archesilaus* Felder; Colombia]
- Dorado, Óscar**  
 2015. See Legal, L. et al., 2015.  
 2017. See Legal, L. et al., 2017.
- Dorado, Óscar, Dulce María Arias, Gabriela Alonso and Belinda Maldonado**  
 2002. Educación ambiental para la biodiversidad en el trópico seco, Reserva de la Biosfera Sierra de Huautla, Morelos, México. *Tópicos en Educación ambiental* 4(12): 23-33 (December) [general]  
 2009. *Educación para la biodiversidad a través de la universidad pública en áreas naturales protegidas: el caso de la Reserva de la Biosfera Sierra de Huautla, Morelos*, pp. 129-153. In: Castillo A. & E. Gozález (Eds.), *Educación ambiental y manejo de ecosistemas en México*. México, DF, Secretaría de Medio Ambiente y Recursos Naturales; Instituto Nacional de Ecología; Universidad Nacional Autónoma de México (December) [general]
- D'Orbigny, Charles Victor Dessalines** [1806-1876]  
 1839-49. *Dictionnaire Universel d'Histoire Naturelle*. Paris, C. Renard. 13 vols. *Atlas*, 3 vols. [butterflies in volume 2 of *Atlas*] [general; larvae, pupae, imagines; Neotropics]
- Doreste, Ernesto José**  
 1957. See Fernández, F. J. et al., 1957.  
 1962. See Báscones, L. et al., 1962.
- Dorneles, Andressa Linhares**  
 2004. See Quadros, F. do C. et al., 2004.  
 2005. See Quadros, F. do C. et al., 2005.
- Dornfeld, Ernest John** [1911-1983]  
 1980. *The butterflies of Oregon*. Forest Grove, Timber Press. xiii + 276 pp., 4 + 48 pls., 35 figs. ([24 July]) [general; bionomics; distribution; Neotropics]
- Dorp, Karen van**  
 2006. See Jong, R. de & K. van Dorp, 2006.
- Dorst, Jean** [1924-2001]  
 1973. *Los Continentes. América del Sur y Central*. Barcelona, Editorial Seix Barral, S.A. 300 pp., figs. [first published in English] [general]
- Dort, John van, and Jeffrey K. McCrary**  
 2010. *Lepidoptera de la Reserva Natural Laguna de Apoyo. Biodiversidad* (Managua) 2: 87-92, 1 tab. (May) [general; Nicaragua]
- Dorval, Alberto, Cibele Madalena Xavier Ribeiro, Otávio Peres Filho, Marcelo Dias de Souza and Valdiclei Custódio Jorge**  
 2013. Distribuição vertical de ninfalídeos na Estação Ecológica de Iquê, Mato Grosso, Brasil. *Enciclopédia Biosfera* (Goiânia) 9(16): 788-801, 3 figs., 4 tabs. (1 July) [general]
- Dos Passos, Cyril Franklin** [1887-1986]  
 1940. On the occurrence of *Papilio polydamas* Linnaeus within the United States. *Canadian Entomologist* 72(9): 188 (30 September) [general]  
 1946. See Warren, B. C. S. et al., 1946.  
 1952. Application to the International Commission on Zoological Nomenclature to reconsider and rephrase in part their decision suspending the "Règles" concerning "*Papilio plexippus*" Linnaeus, 1758, insofar as that decision refers to a figure in Holland's "Butterfly Book". *Bulletin of zoological Nomenclature* 6(9): 278-283 (23 July)  
 1954. See Bell, E. L. & C. F. Dos Passos, 1954.  
 1957. A newly discovered announcement of the proposed publication of the Sammlung exotischer Schmetterlinge by Jacob Hübner. *Journal of the Society for the Bibliography of natural History* 3(4): 206, 2 pls. (January)  
 1960. Taxonomic notes on some nearctic Rhopalocera. 1. Hesperioidea. *Journal of the Lepidopterists' Society* 14(1): 24-36 (15 December) [general]  
 1962. Taxonomic notes on some Nearctic Rhopalocera. 2. Papilionoidea. *Journal of the Lepidopterists' Society* 15(4): 209-225 (19 June) [general]  
 1969. A revised synonymic list of the Nearctic Melitaeinae with taxonomic notes (Nymphalidae). *Journal of the Lepidopterists' Society* 23(2): 115-125 (29 May) [general]  
 1970. A revised synonymic catalogue with taxonomic notes on some Nearctic Lycaenidae. *Journal of the Lepidopterists' Society* 24(1): 26-38 (26 March) [general]  
 1982. See Klots, A. B. & C. F. Dos Passos, 1982.
- Dos Passos, Cyril Franklin, and Ernest Layton Bell**  
 1955. Request for a ruling as to the specimen to be accepted as the lectotype of *Megathymus aryxna* Dyar, 1905 (Class Insecta, Order Lepidoptera). *Bulletin of zoological Nomenclature* 11(9): 289-294 (30 December) [general; Mexico]
- Dos Passos, Cyril Franklin, and Lionel Paul Grey**  
 1945a. A genitalic survey of Argynninae (Lepidoptera, Nymphalidae). *American Museum Novitates* 1296: 1-29, 54 figs. (14 September) [general; Neotropics]  
 1945b. A new species and some new subspecies of *Speyeria* (Lepidoptera, Nymphalidae). *American Museum Novitates* 1297: 1-17, 30 figs. (14 September) [general; *S. wenona*; Mexico]  
 1947. Systematic catalogue of *Speyeria* (Lepidoptera, Nymphalidae) with designations of types and fixations of type localities. *American Museum Novitates* 1370: 1-30 (12 December) [general; Mexico]
- Dos Passos, Cyril Franklin, and Alexander Barrett Klots**  
 1969. The systematics of *Anthocharis midea* Hübner (Lepidoptera: Pieridae). *Entomologica americana* 45(1/2): 1-34, 11 figs., 1 tab. (29 December) [life history; host plants; parasitoids; Mexico]

**Dott, Harry E. M.**

1971. Plagas de insectos que afectan a los cítricos y su control en Bolivia. *Boletín entomológico* (Cochabamba) 4: 1-34, 6 figs. [*Papilio* spp.; host plants]

**Dottax, Michel**

2011. Nueva subespecie de *Memphis aureola* Bates, 1866 de México (Lepidoptera: Nymphalidae: Charaxinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(1): 160-167, 6 figs. (after 29 July) [*M. a. pueblaensis*]

2013. See Pierre, J. & M. Dottax, 2013.

**Dottax, Michel, and Jacques Pierre**

2009. Contribution à la révision du genre *Siderone* Hübner, 1823 (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 114(4): 401-408, 5 figs., 1 tab. ([30] December) [new subspecies, *S. nemesia mexicana*, *S. n. catarina*; Neotropics]

**Doubleday, Edward** [1810-1849]

1842. *Characters of undescribed Lepidoptera*, pp. 73-78, 1 fig. In: Gray, J. E., *The Zoological Miscellany*. London, Treutell, Würtz & Co. 2: 41-80 (June) [general; *Leptalis atthis*, *L. cydno*; Mexico]

1844. Descriptions of some new species of butterflies in the collection of the British Museum. *Annals and Magazine of natural History* 14(93): 415-421 (1 December) [general; *Papilio photinus*, *P. pyrochles*, *P. cymochles*, *P. mezentius*, *P. victorinus*, *Euterpe hylonome*, *Leptalis cyra*, *L. eunoe*, *L. praxinoe*, *L. medora*, *Pieris marana*; Mexico, Colombia, Trinidad, Ecuador]

- 1845a. Remarks on the genus *Argynnis* of the "Encyclopedie Methodique". *Proceedings of the Linnean Society of London* 1(24): 233-235 (6 May) [abstract; general]

- 1845b. Descriptions of new or imperfectly described diurnal Lepidoptera. *Annals and Magazine of natural History* 16(106): 304-308 (1 November) [general; *Haetera esmeralda*; Brazil]

- 1845c. Remarks on the genus *Argynnis* of the "Encyclopedie Methodique", especially in regard to its subdivision by means of characters drawn from the neuration of the wings. *Transactions of the Linnean Society of London* 19(4): 477-485, pl. 42 ([5 November]) [general]

- [1845]d. *List of the specimens of lepidopterous insects in the collection of the British Museum. Part I.* London, Edward Newman. v + 150 pp. ([21 December]) [general; new genera: *Agrias*, *Amphirene*, *Chlorippe*, *Epicalia*, *Epiphile*, *Eurema*, *Gynaecia*, *Hecalene*, *Helicodes*, *Megistanis*, *Myscelia*, *Semelia*, *Timetes*; Neotropics]

- 1846a. Descriptions of new or imperfectly described diurnal Lepidoptera. *Annals and Magazine of natural History* 17(109): 22-26 (1 January) [general; *Pieris habra*; Honduras]

- 1846b. [A note]. *Proceedings of the entomological Society of London* 4: 123 ("1845", 30 March 1846) [*Peridromia feronia* (Linnaeus); sounds; morphology]

- 1846c. *The genera of diurnal Lepidoptera: comprising their generic characters, a notice of their habits and transformations, and a catalogue of the species of each genus.* London, Longman, Brown, Green & Longmans. 1(1): 1-6, pls. A, 1-2 ([4] November), (2): 7-18, pls. 3-4 ([2] December) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new species: *Papilio epidaus*, *P. lenaeus*; Neotropics]

- 1846d. Descriptions of new or imperfectly described diurnal Lepidoptera. *Annals and Magazine of natural History* 18(121): 371-376 (1 December) [general; *Papilio branchus* *P. harmodius*, *P. pharnaces*, *P. isidorus*, *P. madyes*; Honduras, Bolivia]

- 1847a. *The genera of diurnal Lepidoptera...* London, Longman,

Brown, Green & Longmans. 1(3): 19-30, pl. 4\* ([2] January), (4): 31-42 ([8] February), (5): 43-48, 49-52 [first issue], 53-54, pls. 5-7 ([2] March) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new species: *Pieris eleone*, *Nathalis plauta*; Neotropics]

- 1847b. Descriptions of new or imperfectly described lepidopterous insects. *Annals and Magazine of natural History* 19(125): 173-176 (1 March) [general; *Papilio zagreus*; Venezuela]

- 1847c. *The genera of diurnal Lepidoptera...* London, Longman, Brown, Green & Longmans. 1(6): 49-52 [second issue], 55-66, pl. 8 ([3] April) [*Anthocharis chilensis*; new genus: *Eroessa*; Chile]

- 1847d. *List of the specimens of lepidopterous insects in the collection of the British Museum. Part II.* London, Edward Newman. 57 pp. (17 April) [general; new genera: *Alesa*, *Arisba*, *Calydna*, *Cremna*, *Isapis*, *Mesene*, *Methone*, *Panara*, *Theope*; Neotropics]

- 1847e. *The genera of diurnal Lepidoptera...* London, Longman, Brown, Green & Longmans. 1(7): 67-76, pls. 9-13 ([early] May), (8): 77-86, pls. 14-15 ([5] June) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new taxa: *Colias dimera*, *Leucidia*, *Terias gratiosa*, *T. deva*, *Tithorea*, *Ageronia arete*; Neotropics]

- 1847f. Descriptions of new or imperfectly described lepidopterous insects. *Annals and Magazine of natural History* 19(128): 385-389 (1 June) [*Euterpe dysoni*, *E. teutila*, *E. toca*, *E. colla*, *E. pinava*; Venezuela, Mexico, Bolivia]

- 1847g-48a. *The genera of diurnal Lepidoptera...* London, Longman, Brown, Green & Longmans. 1(9): 87-98, pls. 16-17 ([9] July 1847), (10): 99-106, pls. 18-19 ([4] August 1847), (11): 107-110, pls. 18\*, 20 ([1] September 1847), (12): 111-118, pls. 21, 23 ([4] October 1847), (13): 119-124, pls. 22, 24 ([2] November 1847), (14): 125-132, pls. 25, 28 ([2] December 1847), (15): 133-136 ([7] January 1848), (16): 137-138 ([3] February 1848) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new taxa: *Heliconia atthis*, *H. leuce*, *H. cydno*, *H. petiverana*, *H. telesiphe*, *H. anactorie*, *H. telchinia*, *Lycorea* (new genus) *atergatis*, *Olyras* (new genus) *crathis*, *Athesis* (new genus) *clearista*, *Eutresis* (new genus) *hypereia*, *Ituna* (new genus) *phenarete*, *Methona*, *Thyridia aedesia*, *Dircenna* (new genus) *iambe*, *Ithomia dercetes*, *I. ocalea*, *I. phemonoe*, *I. indola*, *I. coeno*, *I. iphianassa*, *I. anyta*, *I. laphria*, *Mechanitis lillis*, *M. satevis*, *Sais cyrianassa*, *Acraea antea*, *Catagramma lyca*, *C. cyllene*, *C. cynosura*; Neotropics]

- 1848b. Descriptions of new or imperfectly described lepidopterous insects. *Annals and Magazine of natural History* (2)1(2): 121-124 (1 February) [*Euterpe manco*, *Leptalis eumara*, *L. theucharila*, *L. theugenis*; Bolivia, Central America, Venezuela]

- 1848c. *The genera of diurnal Lepidoptera...* London, Longman, Brown, Green & Longmans. 1(17): 145-152 ([1] March), (18): 153-160 ([3] April) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new taxa: *Eueides procula*, *Colaenis euchroia*; Neotropics]

- 1848d. On the pterology of the diurnal Lepidoptera, especially upon that of some genera of Heliconidae. *Proceedings of the Linnean Society of London* 1(34): 348-350 (2 May) [abstract; general]

- 1848e. *The genera of diurnal Lepidoptera...* London, Longman,



- Brown, Green & Longmans. 1(19): 161-168 ([3] May), (20): 169-176 ([2] June), (21): 177-184 ([3] August) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new taxa: *Euptoieta*, *Melitaea chalcidona*, *M. proclea*, *M. astarte*, *Eresia carme*; Neotropics]
- 1848f. *The genera of diurnal Lepidoptera...* London, Longman, Brown, Green & Longmans. 1(21): 139-142 ([3] August) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new species: *Acraea antea*, *A. laverna*; South America]
- 1848g. *List of the specimens of lepidopterous insects in the collection of the British Museum. Appendix.* London, Spottiswoode and Shaw. 37 pp. (5 August) [general; new genera: *Cissia*, *Eteona*; Neotropics]
- 1848h-49. *The genera of diurnal Lepidoptera...* London, Longman, Brown, Green & Longmans. 1(22): 185-192, pls. 26-27, 29 ([3] November 1848), (23): 193-200 ([9] December 1848), (24): 201-204 ([11] January 1849), (25): 205-212 ([15] February 1849), (26): 213-216 ([5] March 1849), (27): 217-220 ([4] April 1849), (28): 221-224 ([3] May 1849), (29): 225-226 ([9] June 1849), (30): 227-234, pl. 30 ([9] July 1849), (31): 235-242 ([3] August 1849); 2: pls. 31-42 ([3] November 1848)], pls. 43-44 ([9] December 1848)], pls. 45-52, 56-58, 60-62, 64 ([3] August 1849) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new taxa: *Synchloe saundersi*, *Callizona*, *Eurema kefersteini*, *Grapta g-argenteum*, *Vanessa cyanomelas*, *Pyrameis myrinnina*, *Cybdelis bacchis*, *C. mnasyllus*, *Cyclogramma* (new genus) *pandama*, *Epicalia pierretii*, *Pyrrhagya* [sic] *edocla*, *Myscelia cyaniris*, *M. chromis*, *Didonis pasira*, *Olina* (new genus) *azeca*, *Epiphile lampethusa*, *Myscelia canthara*, *Ectima* (new genus) *iona*, *Pelia*, *Haematera* (new genus) *thysbe*, *Eubagis setabis*, *E. myrson*, *E. maeon*, *E. myrrhina*, *Callicore metiscus*, *Heterochroa irmina*, *Apatura lucasii*, *Cymatogramma* (new genus) *echemus*, *Megistanis beotus*, *Pycina* (new genus) *zamba*, *Perisama* (new genus) *euriclea*, *P. philinus*, *Pavonia ajax*, *Opsiphanes* (new genus) *boisduvallii*, *O. sallei*, *O. reevesii*, *Penetes* (new genus) *pamphanis*, *Dynastor* (new genus) *napoleon*, *Narope* (new genus) *cyllastros*, *Pandora* (new genus) *prola*, *Pahia glycerium*, *P. philumena*, *P. pasibula*, *Taygetis chrysogone*, *Haetera larymna*, *Oressinoma* (new genus) *typhla*, *Pronophila* (new genus) *phoronea*, *P. irmina*, *P. thelebe*; Neotropics]
- Doucet, Stéphanie M., and Melissa G. Meadows**  
2009. Iridescence: a functional perspective. *Journal of the royal Society of London Interface* 6(supplement 2): S115-S132, 1 fig. (6 April; published online 23 February) [general]
- Douglas, Jonathan M., Thomas W. Cronin, Tsyr-Huei Chiou and Nathaniel J. Dominy**  
2007. Light habitats and the role of polarized iridescence in the sensory ecology of neotropical nymphalid butterflies (Lepidoptera: Nymphalidae). *Journal of experimental Biology* 210(5): 788-799, 5 figs. (1 March; published online 12 February) [general]
- Douglas, Matthew M.** [1949- ]  
1986. *The lives of butterflies.* Ann Arbor, The University of Michigan Press. xvii + 241 pp., 16 pls., 49 figs. [general]
- Douglas, Matthew M., and John W. Grula**  
1978. Thermoregulatory adaptations allowing ecological range expansion by the pierid butterfly *Nathalis iole* Boisduval. *Evolution* 32(4): 776-783, 5 figs. (December) [Mexico, Guatemala]
- Douglas, Tracy E.**  
2018. See Westerman, E. L. et al., 2018.
- Dourojeanni, Marc Jean** [1941- ]  
[2007]. La Entomología en el contexto ambiental. *Revista peruana de Entomología* 45: 11-17 ("27 December 2006" [14 February 2007]) [general]
- Dovidenko, Katharine**  
2007. See Potyrailo, R. A. et al., 2007.
- Dow, Robert Percy** [1865-1936]  
1924. Migration of *Pyrameis cardui*. *Journal of the New York entomological Society* 32(3): 121 (15 September) [Mexico]  
1926. Migration of *Pyrameis cardui*. *Journal of the New York entomological Society* 34(3): 287-288 (13 October) [Mexico]
- Dowell, Robert V.**  
1991. See Scriber, J. M. et al., 1991.  
1995. See Scriber, J. M. et al., 1995.
- Dowling, Andrea J.**  
2016. See Nadeau, N. J. et al., 2016.
- Downes, John Antony** [1914-2003]  
1942. See Williams, C. B. et al., 1942.
- Downey, John Charles** [1926-2005]  
1966. Sound production in pupae of Lycaenidae. *Journal of the Lepidopterists' Society* 20(3): 129-155, 2 pls., 1 tab. (25 August) [general; morphology; behavior; taxonomy]  
1977. See Allyn, A. C., Jr. & J. C. Downey, 1977.  
1987. *Lycaenidae (Papilionoidea)*, pp. 443-445, figs. 26.154-26.157. In: Stehr, F. W. (Ed.), *Immature Insects*. Dubuque, Kendall/Hunt Publishing Company. [general; host plants; larvae; Mexico]
- Downey, John Charles, and Arthur Cecil Allyn, Jr.**  
1973. Butterfly ultrastructure 1. Sound production and associated abdominal structures in pupae of Lycaenidae and Riodinidae. *Bulletin of the Allyn Museum* 14: 1-47, 77 figs. (31 December) [general]  
1975. Wing-scale morphology and nomenclature. *Bulletin of the Allyn Museum* 31: 1-32, 63 figs. (15 December) [general]  
1979. Morphology and biology of the immature stages of *Leptotes cassius theonus* (Lucas) (Lepid.: Lycaenidae). *Bulletin of the Allyn Museum* 55: 1-27, 29 figs., 1 tab. (27 September) [Cuba, Jamaica, Brazil]  
1980. Eggs of Riodinidae. *Journal of the Lepidopterists' Society* 34(2): 133-145, 24 figs. (23 September) [general; morphology]  
1984. Chorionic sculpturing in eggs of Lycaenidae. Part II. *Bulletin of the Allyn Museum* 84: 1-44, figs. 68-157, 3 tabs. (18 January) [general]
- Downie, Roger**  
2016. See Whitworth, A. et al., 2016.  
2018. See Whitworth, A. et al., 2018b.
- Soyer, Thomas**  
2015. See Huertas, B. C. et al., 2015.
- Doyère, Louis** [1811-1863]  
1837a. Observations sur quelques genres de'hémiptères et de lépidoptères. *Annales de la Société entomologique de France* 6(2): 281-269, pls. 7, 9 (June) [general; morphology]  
1837b-40. *Le dixième ordre des Insectes, celui des Lépidoptères (Lepidoptera.-Glossata Fabricius)*, pls. 131-141, 139 bis. In: *Les Insectes*, vol. 1. In: Cuvier, G., 1836-1849, *Le Règne Animal, distribué d'après son organisation, pour servir de base a l'histoire naturelle des animaux, et d'introduction a l'anatomie comparée*. Paris, Crochard et Cie. (3): pl. 135 (May 1837), (4): pl. 131 (August 1837), (5): pl. 132 (December 1837), (6): pl. 134 (March 1838), (7): pl. 140 (May 1838), (8): pls. 136-137 (March 1839), (9): pls. 133, 141 (August 1839), (10): pls. 138-139, 139 bis (August 1840) [3rd. (Disciples) Ed.] [general; new taxa: *Heterochroa hyas*, *Catogramma* [sic] *brome*,

- Cybdelis ethusa*, *Tymetes* (new genus) *merops*]
- Dozier, Herbert Lawrence** [1895- ]
1932. Descriptions of new trichogrammatid (Hymenoptera) egg parasites from the West Indies. *Proceedings of the entomological Society of Washington* 34(3): 29-37 (1 April) [*Calpodus ethlius* (Cramer); Haiti]
- Drapiez, Pierre Auguste Joseph** [1778-1856]
- 1821a. Description de cinq espèces d'insectes nouveaux. *Annales générales des Sciences physiques* (Bruxelles) 7(3): 275-280, pl. 109 (March) [*Morpho reinwardtianus*; Brazil]
- 1821b. Description de neuf espèces d'insectes nouveaux. *Annales générales des Sciences physiques* (Bruxelles) 8(2): 273-282, pl. 127 (May) [*Argynis* (sic) *robynsii*]
- 1837a. *Barbicornes*. *Barbicornis*, p. 431. In: *Dictionnaire Classique des Sciences Naturelles, présentant la définition, l'analyse et l'histoire de tous les êtres qui composent les trois règnes, leur application générale aux arts, à l'agriculture, à la médecine, à l'économie domestique, etc.; résumé de tous les faits présentés par les dictionnaires d'histoire naturelle; augmenté des nombreuses découvertes acquises depuis la publication de ces ouvrages*. Bruxelles, Meline, Cans et Compagnie. 1: 640 pp. [general]
- 1837b. *Biblis*. *Biblis*, p. 494. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 1: 640 pp. [*B. thadana* Godart, *B. biblis* (Fabricius), *B. hyperia* (Cramer); Brazil, St. Thomas]
- 1837c. *Brassolide*. *Brassolis*, p. 596. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 1: 640 pp. [general]
- 1837d. *Céthosie*. *Cethosia*, p. 253. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 2: 570 pp. [*C. dido* (Linnaeus)]
- 1838a. *Érycine*. *Erycina*, pp. 223-224. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 4: 515 pp. [general]
- 1838b. *Eurybie*. *Eurybia*, p. 292. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 4: 515 pp. [general]
- 1839a. *Héliconie*. *Heliconia*, p. 357. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 5: 599 pp. [*H. ricini* (Linnaeus)]
- 1839b. *Hélicopide*. *Helicopsis*, p. 358. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 5: 599 pp. [general]
- 1841a. *Méchanitis*, p. 195. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 7: 732 pp. [general]
- 1841b. *Morphon*. *Morpho*, pp. 490-491. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 7: 732 pp. [*M. adonis* (Cramer), *M. actorion* (Linnaeus); Brazil, Surinam; French Guiana]
- 1841c. *Nymphale*. *Nymphalis*, pp. 726-727. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 7: 732 pp. [*N. sorana* Godart; Brazil]
- 1841d. *Nymphidie*. *Nymphidia*, p. 730. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 7: 732 pp. [general; South America]
- 1842a. *Papillon*. *Papilio*, p. 314-315. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 8: 712 pp. [general]
- 1842b. *Papillonides*. *Papillonides*, pp. 315-316. In: *Dictionnaire Classique des Sciences Naturelles...* Bruxelles, Meline, Cans et Compagnie. 8: 712 pp. [general]
- Draudt, Max Wilhelm Karl** [1875-1953]
1912. Eine neue *Taygetis* aus Mexiko. *Fauna exotica* 1(16): 61-62, 1 fig. (9 March) [*T. weymeri*]
- 1919-21a. *Familie: Lycaenidae*. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 744-752 (24 November 1919), 753-768 (6 December 1919), 769-776 (12 January 1920), 777-808 (3 February 1920), 809-816 (10 December 1920), 817-824 (11 January 1921), 825-831 (24 January 1921), pls. 144-159 [general; ecology; behavior; life histories; new taxa: *Eumaeus minyas* form *costaricensis*, *E. m.* form *brasiliensis*, *Theorema dysmenia*, *Thecla assula*, *T. ella*, *T. phydela* form *dealbata*, *T. dignota*, *T. ion* form *extrema*, *T. salaeides*, *T. peonida*, *T. aurorina*, *T. margaritacea*, *T. togarna* form *lincoides*, *T. loxurina* form *quindiensis*, *T. l.* form *atymnides*, *T. l.* form *cillutincararum*, *T. dissentanea*, *T. adunca*, *T. aurugo*, *T. bilix*, *T. anosma*, *T. pura*, *T. mecrida anastomosis*, *T. ortygus* form *lauta*, *T. arpoxida*, *T. cetra*, *T. sospes*, *T. syncellus* form *deserta*, *T. senta*, *T. quassa*, *T. pholeus* form *meridionalis*, *T. p.* male form *feminalis*, *T. echion* form *echiolus*, *T. purissima*, *T. catharina*, *T. phacana*, *T. viola*, *T. aepeona*, *T. renidens*, *T. mimula*, *T. margarita*, *T. simasca*, *T. netesca*, *T. geminata*, *T. suda*, *T. cyanus*, *T. clarissa*, *T. aguaca*, *T. crispisulcans*, *T. panamensis*, *T. pupilla*, *T. dicina*, *T. centuncula*, *T. euptychia*, subgenus *lophanus*, *Hemiargus hanno* form *bogotana*, *Itylos* (new genus) *pacis*, *I. inconspicua*, *Scolitantides sylphis*; Neotropics]
- 1921b-24a. *B. Grypocera, breitköpfige Tagfalter*. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 833-840 (17 March 1921), 841-848 (19 April 1921), 844-856 (30 November 1921), 857-872 (10 April 1922), 873-880 (26 August 1922), 881-888 (23 September 1922), 889-896 (21 November 1922), 897-904 (19 December 1922), 905-912 (8 February [1923]), 913-952 (23 May 1923), 953-992 (9 July 1923), 993-1000 (29 December 1923), 1001-1008 (30 January 1924), 1009-1011 (21 January 1924), pls. 160-191. [general; ecology; behavior; life histories; new taxa: *Pyrrhopyge josephina*, *Myscelus aethras*, *Rhabdoides cellus* form *mexicana*, *R. tehuacana*, *Celaenorrhinus eligius* form *songoensis*, *Pythonides cerialis* form *majorinus*, *P. paterculus* form *defflorata*, *P. insulsus*, *P. ineptus*, *Ate suppar*, *Potamanax fassli*, *P. effusa*, *P. confusa*, *P. violaceus* form *fumida*, *Eantis chlorocephala*, *Systasea emerosa* form *albimedia*, *Timochares trifasciatus* form *obscurior*, *Heliopetes pastor* form *intensa*, *Thanaos mulleri*, *Hesperia cuzcona*, *Dalla connexa*, *D. charybdis*, *D. superior*, *D. inca*, *D. seirocastnia*, *D. privata*, *D. albescens*, *D. ochrolimbata*, *Hylephila peruana*, *H. fassli*, *Padraona argus*, *Trioedusa devergens*, *Xeniades difficilis*, *X. laureatus*, *X. cecropterus*, *Thespieus argentina*, *T. bogotana*, *T. aspernatus*, *T. hieroglyphica*, *T. superior*, *T. dissultus*, *Phemiades procax*, *Rinthon advena*, *Cobalus poecila*, *Tigasis hemeterius* form *godmani*, *Lerema postpuncta*, *Metron fascia*, *Metrocles hypochlora*, *Megistias arcas*, *M. argus*, *Vorates godmani*, *V. auristriga*, *Cyclosma* (new genus) *abdonides*, *Carystus pieris*, *C. seitzii*, *Artines ursula*, *A. farinosa*, *A. melitaea*, *A. pavo*, *Carystoides cathaea* form *boliviana*, *Thracides stupenda*, *Perichares tripuncta*; Neotropics]
- 1924b. *Nachträge: Lycaenidae - Nachträge: Hesperidae*. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1043-1048 (29 February), 1049-1055 (6 February), pls. 191-192. [general; new species: *Hydraenomia nebulosa*, *H. aberrans*; Neotropics]
1931. Neue mexikanische Tagfalterformen. *Entomologische Rundschau* 48(9): 103-104 (1 May) [*Papilio polyzelus* form *albipunctus*, *P. garamas* female aberration *homeroides*,

*Pereute charops sphocra*, *Taygetis inconspicua*, *Pindis obnixa*, *Bulboneura* [sic] *sylphis veracruzana*]

**Drechsel, Ulf**

- 2014a. A first glance to "Reserva Natural Privada Morombi". *Paraguay Biodiversidad* 1(7): 26-32, 40 figs. (June) [*Anteos menippe* (Hübner), *Heliopetes randa* Evans, *Dynamine tithia* (Hübner)]
- 2014b. Preliminary studies of the biodiversity of Garay Cué. *Paraguay Biodiversidad* 1(11): 51-60, 40 figs. (August) [general]
2016. Note on the life history of *Eryphanis reevesii* (Doubleday, [1849]) (Nymphalidae: Satyrinae: Brassolini). *Paraguay Biodiversidad* 3(3): 15-18, 8 figs. (July) [larva; host plant; Paraguay]

**Drewniak, María Eugenia**

2018. See Poffo, D. A. et al., 2018.

**Drewniak, María Eugenia, Adriana Inés Zapata, Hernán Mario Beccacece and Fernando Ficetti**

2016. Mariposas diurnas de la Reserva Natural Urbana General San Martín, Córdoba, Argentina (Lepidoptera: Papilionoidea). *Shilap* 44(174): 287-298, 1 fig., 2 tabs. (30 June) [general]

**Driscoll, C.**

1995. See Bingham, L. et al., 1995.

**Drizd, Lara**

2019. See Nail, K. R. et al., 2019.

**Drobney, Pauline**

2019. See Cariveau, A. B. et al., 2019.

**Drosihn, Karl Joachimhans [1906- ]**

1933. *Über Art- und Rassenunterschiede der männlichen Kopulationsapparate von Pieriden (Lep.)*. Stuttgart, Alfred Kernen. 135 pp., 20 pls., 19 figs. [*Entomologische Rundschau* 50 (Beiheft)] [general; morphology]

**Droste, Annette**

2018. See Endres Júnior, D. et al., 2018.

**Drouët, Henri [1829-1900]**

1859. *Essai sur les Mollusques Terrestres et Fluviales de la Guyane Française*. Paris, J.-B. Baillière. 116 pp., 4 pls. [*Morpho idomeneus* (Fabricius)]

**Druce, Hamilton Herbert Charles James [1868-1922]**

1890. Descriptions of seven new species of *Thecla*. *Entomologist's monthly Magazine* 26(313): 151-152 (June) [*T. ion*, *T. eronos*, *T. stiktos*, *T. teleontes*, *T. stigmatos*, *T. cydonia*, *T. lemnos*; Colombia]
1905. Notes on the synonymy of *Thecla spurina*, Hew., and *Thecla ericusa*, Hew. *Annals and Magazine of natural History* (7)15(86): 194-196 ([31 January]) [general; Panama, South America]
1906. Note on the genus *Iaspis*, Kaye. *Annals and Magazine of natural History* (7)17(99): 334-335 (1 March) [Trinidad]
1907. On Neotropical Lycaenidae, with descriptions of new species. *Proceedings of the zoological Society of London* 1907(3): 566-632, pls. 31-36 (9 October) [general; *Thecla splendor*, *T. sumptuosa*, *T. candidus*, *T. ornatrix*, *T. floralia*, *T. dorcas*, *T. trochus*, *T. viresco*, *T. photinos*, *T. crines*, *T. numen*, *T. amplitudo*, *T. barba*, *T. comae*, *T. chlamydem*, *T. anna*, *T. candor*, *T. hybla*, *T. tyrrius*, *T. alatus*, *T. talayra* variety *castitas*, *T. exiguus*, *T. castimonia*, *T. melleus*, *T. floreus*, *T. gemma*, *T. porthura*, *T. ravus*, *T. color*, *T. amplius*, *T. aurora*, *T. armilla*, *T. flosculus*, *T. chlamys*, *T. buccina*, *T. nitor*, *T. murex*, *T. caninius*, *T. pharus*, *T. radiatio*, *T. munditia*, *T. jactator*, *T. torris*, *T. obelus*, *T. literatus*, *T. cauter*, *T. buris*, *T. caltha*, *T. nota*, *T. purpura*, *T. nivepunctata*, *T. porphyreticus*, *T. deliciae*, *T. porphyritis*, *T. tyriam*, *T. uterkudante*, *T. ostrinus*, *T. purpurantes*, *T. phoster*, *T. pulchritudo*, *T. mulsus*, *T. levis*, *T. conchylium*, *T. smaragdus*, *T.*

*collustra*, *T. purpuriticus*, *T. gentiana*, *T. venustus*, *T. labes*, *T. lenitas*, *T. marmoris*, *T. canitus*, *T. upupa*, *T. picus*, *T. clepsydra*, *T. fortuna*, *T. torqueor*, *T. indigo*, *T. anfracta*, *T. perisus*, *T. callao*, *T. rugatus*, *T. nubilum*, *T. cupa*, *T. calor*, *T. petaurister*, *T. cos*, *T. oleris*, *T. caespes*, *T. photismos*, *T. mantica*, *T. caesaries*, *T. palumbes*, *T. pennatus*, *T. pisidula*, *T. instita*, *T. meleager*, *T. emendatus*, *T. dolium*, *T. vena*, *T. furcifer*, *T. verbenaca*, *T. plumans*, *T. volumen*, *T. vidulus*, *T. opacitas*, *T. canus*, *T. nubes*, *T. politus*, *T. veterator*, *T. tucumana*, *T. arcula*; Neotropics]

1908. Description of some new Hesperidae from Central and South America. *Transactions of the entomological Society of London* 1908(2): 375-386, pl. 21 (29 September) [general; *Pyrrhopyge infantilis*, *P. cruor*, *P. sanies*, *Jemadia scomber*, *Croniades auraria*, *Thymele palliolum*, *Prenes grapte*, *Aides incantator*, *Dion gemmatus*, *D. rubrinota*, *Thracides panimeron*, *Pyrrhopygopsis lugubris*, *P. igniculus*, *P. caminus*, *P. agaricon*; Peru, Bolivia, Costa Rica, Colombia]
- 1909a. Description of a new hesperid from Peru, belonging to the subfamily Pyrrhopyginae. *Annals and Magazine of natural History* (8)3(17): 438 (1 May) [*Yanguna mabillei*]
- 1909b. On some new and little-known Neotropical Lycaenidae. *Transactions of the entomological Society of London* 1909(3): 431-438, pl. 11 (20 September) [general; *Thecla melidor*, *T. adamsi*, *T. crepundia*, *T. phrosine*, *T. vesper*, *T. gamma*, *T. heodes*; Peru, Argentina, West Indies]
1912. Descriptions of new exotic Lycaenidae and Hesperidae. *Entomologist's monthly Magazine* 48(577): 128-132, 1 fig. (June) [general; *Thecla maraches*, *T. fassli*, *T. orocana*, *T. lophis*, *T. opisena*, *Entheus ninyas*, *Potamanax pisates*, *Falga scydra*, *Dion turmada*; Ecuador, Colombia, Peru, Bolivia]
- Druce, Hamilton Herbert Charles James, Herbert Druce and Thomas Algernon Chapman**
1912. Descriptions of new Lepidoptera. *Entomologist's monthly Magazine* 48(583): 275-278, pls. 9-10 (December) [*Falga theoclea* Hewitson, *Dion (Hesperia) carmenta* Hewitson; Honduras, Ecuador]
- Druce, Herbert [1846-1913]**
1872. See Butler, A. G. & H. Druce, 1872.
- 1874a. Descriptions of fifteen new species of diurnal Lepidoptera, chiefly from South America. *Transactions of the entomological Society of London* 1874(1): 155-160 (23 February) [general; *Morpho alexandrovna*, *Caligo dentina*, *Heliconia arcuella*, *Phyciodes nana*, *Perisama vichada*, *P. canoma*, *Paphia hauxwelli*, *Mesosemia grandis*, *Necyria whitelyiana*, *N. butleria*, *Anteros medusa*; Peru, Colombia, Panama]
- 1874b. Descriptions of three new butterflies from Costa Rica. *Entomologist's monthly Magazine* 11(122): 36-37 (July) [*Papilio sadyattes*, *Eresia coela*, *Mesosemia ceropia*]
- 1874c. Descriptions of new species of diurnal Lepidoptera chiefly from tropical America. *Cistula entomologica* 1(10): 285-290 (1 September) [general; *Hesperocharis antipater*, *Eunica amata*, *Heterochroa leuceria*, *Paphia beatrix*, *P. pedile*, *P. ambrosia*, *P. polyxo*, *P. mora*, *Pyrrhopyga creon*, *P. cydonia*, *P. creona*; Mexico, Central and South America]
- 1874d. See Butler, A. G. & H. Druce, 1874.
- 1875a. Descriptions of new species of diurnal Lepidoptera. *Cistula entomologica* 1(12): 357-363 (8 May) [general; *Acraea naura*, *Perisama goeringi*, *Paphia berthia*, *Lyropteryx cleadas*, *Anteros micon*, *Thecla damo*, *Pyrrhopyga cossea*, *P. cosyra*, *Erycides romula*; Venezuela, Colombia, Guatemala, Panama]
- 1875b. Descriptions of three new species of diurnal Lepidoptera

- from Central America. *Entomologist's monthly Magazine* 12(138): 126 (November) [*Ceratinia boucardi*, *C. mylassa*, *Ithomia pagasa*; Panama]
1876. List of the butterflies of Peru, with descriptions of new species. With some notes by Edward Bartlett. *Proceedings of the zoological Society of London* 1876(1): 205-250, pls. 17-18 (June) [general; *Ceratinia alexia*, *C. baana*, *C. tigrina*, *Mechanitis ortygia*, *M. ocona*, *Napeogenes pyrrho*, *Melinaea chincha*, *Pedaliodes zoippus*, *Daedalma whitelyi*, *Heliconius bartletti*, *Eresia mundina*, *E. nussia*, *E. pearcei*, *Paphia alberta*, *Lycaena koa*, *Thymele lacydus*, *Erycides orasus*, *Carystus similius*]
1877. A revision of the lepidopterous genus *Paphia*. *Proceedings of the zoological Society of London* 1877(3): 632-652, pls. 61-64 (October) [general; new species: *P. ops*, *P. moretta*, *P. lemnos*, *P. florita*, *P. ates*, *P. cerealia*, *P. phila*, *P. boliviana*, *P. uzita*, *P. lorna*, *P. placida*, *P. grandis*, *P. offa*, *P. catinka*, *P. morta*, *P. victoria*, *P. cambyses*, *P. lyceus*, *P. nenia*, *P. laura*, *P. phoebe*; Neotropics]
1878. Descriptions of new species of Erycinidae. *Entomologist's monthly Magazine* 15(173): 101-102 (October) [*Mesosemia thyestes*, *M. sylvia*, *Eurygona phelina*, *E. alcmena*, *E. julia*; Peru, Bolivia, Venezuela, Ecuador, Brazil]
1890. Descriptions of four new species of *Castnia* [sic] from South America, in the collection of Herbert Druce. *Entomologist's monthly Magazine* 26(310): 69-70 (March) [Riodinidae; Colombia]
1893. *Subfam. Hedylinae*. In: Godman, F. D. & O. Salvin (Eds.), *Biologia Centrali-Americana. Insecta Lepidoptera-Heterocera*. London, Dulau & Co., Bernard Quaritch. 2(110): 178-179 ([25] August); 3(112): pl. 58 (October) [general]
- 1896-1900. [Genera *Acentrocneme* and *Megathymus*]. In: Godman, F. D. & O. Salvin (Eds.), *Biologia Centrali-Americana. Insecta Lepidoptera-Heterocera*. London, Dulau & Co., Bernard Quaritch. 1(154): xi (March 1900); 2(131): 319-320 (October 1896); 3(133): pl. 69 (February 1897) [general; new species: *Megathymus smithi*; Mexico]
1902. Descriptions of some new species of Lepidoptera. *Annals and Magazine of natural History* (7)9(53): 321-334 (1 May) [general; *Caligo agesilaus*, *C. zeuxippus*; Ecuador]
1903. Descriptions of some new species of Lepidoptera from tropical South America and one from North Australia. *Annals and Magazine of natural History* (7)12(68): 220-222 (1 August) [*Actinote sarsanda*, *A. elatus*, *A. chea*, *Callithea lugens*, *Papilio rosenbergi*; Ecuador, Colombia, Peru]
1904. Descriptions of some new species of butterflies belonging to the family Erycinidae from tropical South America. *Proceedings of the zoological Society of London* 1904(1)[2]: 481-489, pls. 33-34 (2 August) [*Eurygona ocalea*, *E. candaria*, *Eurybia caerulescens*, *E. sinnaces*, *Mesosemia axilla*, *M. anica*, *M. paramba*, *M. candara*, *M. carderi*, *M. parishi*, *Cremna aza*, *Erycina mendita*, *Siseme peculiaris*, *Charis candiope*, *C. mandosa*, *C. myrtis*, *Lemonias auria*, *Nymphidium candace*, *N. minuta*, *N. augea*, *N. medusa*, *Aricoris striata*, *Stalachtis canidia*]
1905. Descriptions of two new species of diurnal Lepidoptera belonging to the subfamily Nymphalinae. *Annals and Magazine of natural History* (7)16(95): 549-551 (1 November) [*Perrhanaea cubana*; Cuba]
1912. See Druce, H. H. C. J. et al., 1912.
- Drum, Ryan G.**  
2019. See Cariveau, A. B. et al., 2019.
- Drummond, Boyce A., III** [1946- ]  
1976. Butterflies associated with an army ant swarm raid in Honduras. *Journal of the Lepidopterists' Society* 30(3): 237-238 (22 September) [*Graphium*, *Mechanitis*; behavior]
1981. Ecological chemistry, animal behavior, and plant systematics. *Solanaceae Newsletter* 2(1): 59-66, 1 fig. (June) [Ithomiinae, Danainae; Neotropics]
1983. Zone 10. South America, pp. 34-35. In: 1982 Season Summary. *News of the Lepidopterists' Society* 1983(2): 13-35 (March-April) [general; Brazil, Ecuador, Trinidad]
1984. *Multiple mating and sperm competition in the Lepidoptera*, pp. 291-370, 9 figs., 1 tab. In: Smith, R. L. (Ed.), *Sperm competition and the evolution of animal mating systems*. New York, Academic Press. [general]
1985. 1984 Season Summary. Zone 13. *News of the Lepidopterists' Society* 1985(2): 32-33 (March-April) [general]
- 1986a. Zone 13. South America, pp. 37-38. In: 1985 Season Summary. *News of the Lepidopterists' Society* 1986(2): 13-38 (March-April) [general]
- 1986b. *Herbivory and defense*, pp. 303-305. In: D'Arcy, W. G. (Ed.), *Solanaceae: Biology and Systematics*. New York, Columbia University Press. [Ithomiinae; host plants; ecology; Ecuador, Brazil]
- 1986c. *Coevolution of ithomiine butterflies and solanaceous plants*, pp. 307-327, 2 figs., 6 tabs. In: D'Arcy, W. G. (Ed.), *Solanaceae: Biology and Systematics*. New York, Columbia University Press. [general; host plants; ecology; Ecuador]
1987. Zone 13. South America, pp. 39-41. In: 1986 Season Summary. *News of the Lepidopterists' Society* 1987(2): 13-41 (March-April) [general]
1988. Zone 13. South America, pp. 39-42. In: 1987 Season Summary. *News of the Lepidopterists' Society* 1988(2): 13-42 (March-April) [general; host plants; Panama]
- 1989a. Zone 13. South America, pp. 35-37. In: 1988 Season Summary. *News of the Lepidopterists' Society* 1989(2): 13-37 (March-April) [general]
- 1989b. Split-level dining. *Journal of the Lepidopterists' Society* 43(3): 258, 1 fig. (7 September) [*Godyris zavaleta amaretta* (Haensch); Ecuador]
1990. Zone 13. South America, pp. 32-34. In: 1989 Season Summary. *News of the Lepidopterists' Society* 1990(2): 13-34 (March-April) [general; Bolivia, Colombia, Brazil]
- 1991a. Zone 13. South America, pp. 35-37. In: 1990 Season Summary. *News of the Lepidopterists' Society* 1991(2): 13-37 (March-April) [general; Ecuador, Peru, Brazil]
- 1991b. Catalogue of family-group and genus-group names (Lepidoptera: Rhopalocera), by Charles A. Bridges. 1988. Catalogue of Papilionidae & Pieridae (Lepidoptera: Rhopalocera), by Charles A. Bridges. 1988. *Journal of the Lepidopterists' Society* 45(2): 178-179 (24 October) [general; book review]
1992. Zone 13: South America, pp. 29-31. In: 1991 Season Summary. *News of the Lepidopterists' Society* 1992(2): 1-31 (March-April) [general; Brazil, Bolivia, Argentina]
- 1993a. Zone 13: South America, p. 49. In: Season summary 1992. *News of the Lepidopterists' Society* 1993(2): 25-49 (March-April) [*Danaus*; Brazil]
- 1993b. More picture books for your coffee table? *News of the Lepidopterists' Society* 1993(5/6): 128-129 (September-December) [general; book reviews]
1994. Insects of Panama and Mesoamerica: Selected studies, by Diomedes Quintero and Annette Aiello (editors). 1992. *Journal of the Lepidopterists' Society* 47(4): 342-344 (7 January) [general; book review]
1997. The Butterflies of Venezuela, Part I: Nymphalidae I

- (Limenitidinae, Apaturinae, Charaxinae) by Andrew F. E. Neild. 1996. *News of the Lepidopterists' Society* 39(5): 103-104 (15 December) [book review]
- Drummond, Boyce A., III, and Keith Spalding Brown, Jr.**  
1987. Ithomiinae (Lepidoptera: Nymphalidae): summary of known larval food plants. *Annals of the Missouri botanical Garden* 74(2): 341-358, 1 fig., 1 tab. ([29 September]) [general]
- Drury, Dru** [1725-1804]  
1770-82. *Illustrations of Natural History. Wherein are exhibited upwards of two hundred and forty [two hundred and twenty; two hundred] figures of exotic insects, according to their different genera; very few of which have hitherto been figured by any author, being engraved and coloured from nature, with the greatest accuracy, and under the author's own inspection, on fifty copper-plates. With a particular description of each insect: interspersed with remarks and reflections on the nature and properties of many of them.* London, B. White. 1: xxviii + 130 pp., 50 pls. ([23 April] 1770); 2: vii + 90 + [4] pp., 50 pls. ([14 May] 1773); 3: xxvi + 76 + [2] pp., 50 pls. ([22 July] 1782) [general; new species: *Papilio acis*, *P. simaethis*, *P. astinuous*, *P. phyleus*, *P. pelops*, *P. arcas*, *P. cytheris*, *P. diaphanus*, *P. laure*, *P. cadma*, *P. pan*, *P. isis*, *P. cluena*, *P. menetis*, *P. ampyx*, *P. agavus*, *P. euritea*, *P. laertes*, *P. hydaspes*, *P. orsis*, *P. orion*, *P. janais*, *P. agis*, *P. helops*, *P. thyastes*, *P. nereis*, *P. astyagas*, *P. crisia*, *P. irene*, *P. iole*, *P. menander*, *P. sapho*; Neotropics]
- Duarte, Adriana Guimarães**  
2017. See Gomes Junior, R. N. et al. 2017.
- Duarte, Francisco Escobar**  
1947. Insetos holometabólicos. *Agronomia* (Niterói) 6(3): 178-211 (July-September) [general; host plants; parasitoids; Brazil]
- Duarte, Héctor William, Iván E. Urrutia, Rubén Darío Ariza and Jesús Emilio Luque**  
1998. Umbral económico de daño para insectos comedores de follaje de repollo (*Brassica oleraceae* var. *capitata*). *Revista colombiana de Entomología* 24(3/4): 165-170, 3 figs., 3 tabs. (July-December) [*Ascia monuste* (Linnaeus); host plant; Colombia]
- Duarte, José Araújo, Jr., Francisco de Assis da Silva Roberto, Bruno Rodrigo França and Bruno Maggi**  
2001. Levantamento preliminar dos Lepidoptera (Papilionoidea e Hesperioidea) do Parque Estadual Dunas, Natal, Rio Grande do Norte, Brasil. *Entomologia y Vectores* 8(3): 365-369 (July-September) [general]
- Duarte, Leandro da Silva**  
2018. See Rossato, D. O. et al., 2018b.  
2019a. See Iserhard, C. A. et al., 2019.  
2019b. See Spaniol, R. L. et al., 2019.
- Duarte, Lisday**  
2006. See Alonso, M. E. et al., 2006.
- Duarte, Marcelo**  
2000. See Otero, L. S. et al., 2000.  
2001. See Rocha, C. F. D. da & M. Duarte, 2001.  
2004. See Robbins, R. K. & M. Duarte, 2004.  
2005a. See Robbins, R. K. & M. Duarte, 2005a.  
2005b. See Robbins, R. K. & M. Duarte, 2005b.  
2006a. See Robbins, R. K. & M. Duarte, 2006.  
2006b. Morfologia externa do adulto de *Hemiargus hanno* (Lepidoptera, Lycaenidae, Polyommatainae, Polyommataini). II. Região cervical, tórax e abdome. *Iheringia (Zoologia)* 97(2): 194-206, 43 figs. (30 June) [Brazil]
2009. Comment on the proposed establishment of availability of *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, 2001, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of zoological Nomenclature* 66(4): 351 (18 December) [Neotropics]
- 2010a. See Robbins, R. K. et al., 2010a.  
2010b. See Robbins, R. K. et al., 2010b.  
2010c. See Monteiro, R. F. et al., 2010.  
2011a. See Francini, R. B. et al., 2011a.  
2011b. See Castañeda, A. et al., 2011.  
2011c. See Silva, N. A. P. da et al., 2011.  
2012a. See Robbins, R. K. et al., 2012a.  
2012b. See Uchôa, M. A. et al., 2012.  
2014a. See Silva, N. A. P. da et al., 2014.  
2014b. See Vargas, H. A. & M. Duarte, 2014.  
2016a. See Vargas, H. A. et al., 2016.  
2016b. See Vargas, H. A. & M. Duarte, 2016.  
2017. See Martins, L. P. et al., 2017b.  
2018a. See Pires, A. C. V. et al., 2018.  
2018b. See Iserhard, C. A. et al., 2018.  
2019a. See Melo, D. H. A. et al., 2019a.  
2019b. See Martins, A. R. P. et al., 2019a.  
2019c. See Martins, A. R. P. et al., 2019b.
- Duarte, Marcelo, and Gisele Luziane de Almeida**  
2006. *Borboletas do Parque Estadual Mata dos Godoy*, pp. 97-104, 10 figs. In: Torezan, J. M. D. (Ed.), *Ecologia do Parque Estadual Mata dos Godoy*. Londrina, ITEDES. [general; Brazil]
- Duarte, Marcelo, Gisele Luziane de Almeida, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2001. Notes on the last instar larva and pupa of *Hemiargus hanno* (Stoll) (Lepidoptera, Lycaenidae, Polyommatainae). *Revista brasileira de Zoologia* 18(4): 1097-1105, 20 figs. (31 December) [morphology; behavior; myrmecophily; host plant; Brazil]
- Duarte, Marcelo, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2001. Morfologia externa do adulto de *Hemiargus hanno* (Stoll) (Lepidoptera, Lycaenidae, Polyommatainae, Polyommataini). I. Cabeça. *Revista brasileira de Zoologia* 18(1): 225-238, 14 figs. (30 April) [Brazil]
- Duarte, Marcelo, Gláucia Marconato, Alexandre Specht and Mirna Martins Casagrande**  
2012. *Lepidoptera*, pp. 625-682, 219 figs. In: Rafael, J. A., G. A. R. Melo, C. J. B. de Carvalho, S. A. Casari & R. Constantino (Eds.), *Insetos do Brasil. Diversidade e Taxonomia*. Ribeirão Preto, Holos. [general]
- Duarte, Marcelo, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
2000. Copula "inter mares" in *Pirascica sagaris satnius* (Dalman) (Lepidoptera, Riodinidae, Riodininae). *Revista brasileira de Zoologia* 17(2): 557-560, 2 figs., 1 tab. (30 June) [Brazil]
2003. Notes on larval mandible morphology of *Hylephila phyleus phyleus* (Drury) (Hesperiidae, Hesperinae). *Journal of the Lepidopterists' Society* 57(3): 239-243, 7 figs., 1 tab. (29 September) [Brazil]
- Duarte, Marcelo, and Robert Kanner Robbins**  
2009. Immature stages of *Calycopis bellera* (Hewitson) and *C. janeirica* (Felder) (Lepidoptera, Lycaenidae, Theclinae, Eumaeini): Taxonomic significance and new evidence for detritivory. *Zootaxa* 2325: 39-61, 2 tabs., 83 figs. (23 December) [life histories; systematics; Brazil]
2010. Description and phylogenetic analysis of the Calycopidina (Lepidoptera, Lycaenidae, Theclinae, Eumaeini): a subtribe of detritivores. *Revista brasileira de Entomologia* 54(1): 45-65, 61 figs., 1 tab. (31 March) [general; new genera: *Badecla*, *Arzecla*; Neotropics]
- Duarte, Marcelo, Robert Kanner Robbins, André Victor Lucci**

- Freitas, Keith Spalding Brown, Jr., Ricardo Ferreira Monteiro, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke, Milena de Sousa Nascimento and Tatiane Gisele Alves**
2010. Borboletas da Mata Atlântica do Estado do Rio de Janeiro: Lycaenidae (Lepidoptera). *Arquivos do Museu Nacional* (Rio de Janeiro) 67(3/4): 291-302, 1 fig. ("December 2009", 2010) [general; Brazil]
- Duarte, Marcelo, Robert Kanner Robbins and Olaf Hermann Hendrik Mielke**
2005. Immature stages of *Calycopis caulonia* (Hewitson, 1877) (Lepidoptera, Lycaenidae, Theclinae, Eumaeini), with notes on rearing detritivorous hairstreaks on artificial diet. *Zootaxa* 1063: 1-31, 77 figs., 2 tabs. (14 October) [egg, larva, pupa; morphology; behavior; Brazil]
- Duchêne, Gérard [1944-2014]**
1985. *Morpho amphitryon* [sic] Staudinger, 1887: Panorama des formes connues et description de formes nouvelles (Lepidoptera Nymphalidae). *Bulletin de la Société Sciences Nat* 48: 23-27, pl. 1, 3 figs., 1 tab. ("December", 15 November) [*M. a. cinereus*, *M. a. c. form malva*, *M. a. c. form blandini*; Peru, Bolivia]
- 1989a. Notes et hypotheses concernant *Morpho didius*. *Bulletin de la Société Sciences Nat* 61: 23 (28 February) [*M. godartii* Guérin; Peru, Bolivia]
- 1989b. *Morpho amphitryon* Staudinger, 1887. Description d'une nouvelle sous-espèce de Huanuco (Pérou). *Bulletin de la Société Sciences Nat* 62: 15-16, fig. 7 (30 June) [*M. a. dupontii*]
- Duchêne, Gérard, and Patrick Blandin**
2004. Etude de *Morpho deidamia* (Hübner, [1819]) dans la région des Guyanes, avec la description de *M. deidamia annae* ssp. nov. de la Guyane (Lepidoptera, Nymphalidae, Morphinae). *Lépidoptères* 2(1): 1-19, 9 figs., 6 tabs. (7 February) [Venezuela, Surinam, French Guiana, Brazil]
2009. Les sous-espèces de *Morpho (Iphimedeia) amphitryon* Staudinger, 1887, et de *M. (Iph.) telemachus* (Linné, 1758) en Bolivie et dans le sud du Pérou (Lepidoptera, Nymphalidae, Morphinae). *Bulletin de la Société entomologique de France* 114(3): 373-382, 4 figs. ([17] September) [new subspecies: *M. (I.) amphitryon azurita*]
- Ducke, Adolpho [1876-1959]**
1907. Voyage aux "campos" de l'Ariramba. *La Géographie* (Paris) 16(1): 19-26 (15 July) [*Catopsilia* sp.; migration; Brazil]
1909. Explorations dans le Nord de l'Etat de Pará. *La Géographie* (Paris) 20: 99-110. [*Morpho hecuba* (Linnaeus), *M. perseus* (Cramer); Brazil]
1910. Explorações botânicas e entomológicas no estado do Ceará. *Revista trimestral do Instituto do Ceará* 24(1/4): 3-61. [general; Brazil]
1913. Explorações científicas no Estado do Pará. *Boletim do Museu Goeldi de Historia natural e Ethnographia* 7: 100-197, pls. 16-27 ("1910", [before November] 1913) [new species: *Catagramma arirambae*; Brazil]
1915. La région des rapides de Cupati (Extrême sud-est de Colombie). *La Géographie* (Paris) 30: 365-372. [*Eumaeus minyas* Hübner]
- Duckett, Catherine Natalia**
1989. Natural history of *Pedilia* sp. A and its interactions with other herbivores of *Passiflora pittieri*. *Entomography* 6: 381-389, 5 tabs. [*Heliconius hewitsoni* Hewitson; host plant; Costa Rica]
2003. A new species of flea beetle, genus *Pedilia* Clark (Coleoptera: Chrysomelidae: Galerucinae), from Osa Peninsula [sic], Costa Rica. *Zootaxa* 158: 1-8, 5 figs. (12 March) [*Heliconius hewitsoni* Hewitson; host plant; ecology]
2004. *Effects of the flea beetle Pedilia sirena* (Chrysomelidae, Galerucinae) on oviposition choice by the butterfly *Heliconius hewitsoni* (Lepidoptera: Nymphalidae), pp. 407-414, 3 figs., 2 tabs. In: Jolivet, P., J. A. Santiago-Blay & M. Schmitt (Eds.), *New developments in the biology of Chrysomelidae*. The Hague, SPB Academic Publishing bv. [host plant; Costa Rica]
- Ducommun, Adolfo**
- 1876-77. Mariposas viajeras. *La Naturaleza* (México) 4(1) (Revista): 4 (1876), (2) (Revista): 5 (1877). [*Rhodocera maerula* (Fabricius), *R. gueneeana* Boisduval; migration; Mexico]
- Dudevant, Maurice [=Maurice Sand, pseudonym] [1823-1889]**
1867. *Le Monde des Papillons. Promenade à travers champs. Orné de 62 dessins par l'auteur avec une préface de George Sand*. Paris, Jules Rothschild. (1): [iv] + 222 pp., 1 pl., 62 figs. [for Ed. 2 see Rothschild, J., 1877] [general]
- Dudley, Robert [1961- ]**
- 1990a. Biomechanics of flight in Neotropical butterflies: Morphometrics and kinematics. *Journal of experimental Biology* 150: 37-53, 2 figs., 5 tabs. (May) [general; Panama]
- 1990b. Thanatosis in the Neotropical butterfly *Caligo illioneus* (Nymphalidae: Brassolini). *Journal of Research on the Lepidoptera* 28(1/2): 125-126 (25 July) [Panama]
1991. Biomechanics of flight in Neotropical butterflies: aerodynamics and mechanical power requirements. *Journal of experimental Biology* 159: 335-357, 5 figs., 3 tabs. (September) [general]
1993. See Srygley, R. B. & R. Dudley, 1993.
1994. See Grodnitsky, D. L. et al., 1994.
1995. *Aerodynamics, energetics and reproductive constraints of migratory flight in insects*, pp. 303-319, 3 figs. In: Drake, V. A. & A. G. Gatehouse (Eds.), *Insect migration. Tracking resources through space and time*. Cambridge, Cambridge University Press. [general; behavior; Panama]
- 1996a. See Grodnitsky, D. L. & R. Dudley, 1996.
- 1996b. See Srygley, R. B. et al., 1996.
1998. See Oliveira, E. G. de et al., 1998.
2000. *The Biomechanics of Insect Flight. Form, function, evolution*. Princeton, Princeton University Press. xii + 476 pp., 6 pls., figs., tabs. [general]
2006. See Srygley, R. B. et al., 2006.
2008. See Srygley, R. B. & R. Dudley, 2008.
2010. See Srygley, R. B. et al., 2010.
2014. See Srygley, R. B. et al., 2014.
- Dudley, Robert, and Robert Baxter Srygley**
1994. Flight physiology of Neotropical butterflies: Allometry of airspeeds during natural free flight. *Journal of experimental Biology* 191: 125-139, 4 figs., 3 tabs. (June) [general; Panama]
2008. Airspeed adjustment and lipid reserves in migratory Neotropical butterflies. *Functional Ecology* 22(2): 264-270, 2 figs., 3 tabs. (April; published online 5 February) [general; behavior; Panama]
- Dückershoff, Michael**
2003. See Buberl, B. & M. Dückerhoff, 2003.
- Duehl, Adrian**
2012. See Sourakov, A. et al., 2012.
- Duénez-Guzmán, Edgar A., Jesús Mavárez, Michael D. Vose and Sergey Gavrillets**
2009. Case studies and mathematical models of ecological speciation. 4. Hybrid speciation in butterflies in a jungle. *Evolution* 63(10): 2611-2626, 6 figs., 1 tab. (October) [*Heliconius*]
- Duennes, Michelle**

2017. Metamorphosis Insectorum Surinamensium. Maria Sibylla Merian. 2016. Maria Merian's butterflies. Kate Heard. 2016. *American Entomologist* 63(1): 59, 2 figs. (9 March) [general; history; book reviews]
- Dufat, Hanh**  
2016. See Cachet, X. et al., 2016.
- Dufek, Viktor**  
2011. See Schäffler, O. et al., 2011.
- Duffey, Sean S.**  
1980. Sequestration of plant natural products by insects. *Annual Review of Entomology* 25: 447-477, 2 figs., 5 tabs. [Ithomiinae]
- Dufour, Darna L.**  
1987. Insects as food: a case study from the northwest Amazon. *American Anthropologist* 89(2): 383-397, 1 fig., 4 tabs. (June) [Hesperiidae; Colombia]  
2005. See Paoletti, M. G. & D. L. Dufour, 2005.
- Dufour, Pauline C., Keith Richard Willmott, Pablo Sebastián Padrón, Shuan Xing, Timothy C. Bonebrake and Brett R. Scheffers**  
2018. Divergent melanism strategies in Andean butterfly communities structure diversity patterns and climate responses. *Journal of Biogeography* 45(11): 2471-2482, 5 figs. (November; published online 3 October) [*Catasticta*, *Leptophobia*; Ecuador]
- Dufrane, Abel** [1880-1960]  
1930. Nouvelles aberrations de *Papilio* (*Pharmacophagus*). *Lambillionea* 30(2): 19-21 (25 February) [*P. (P.) vertumnus vertumnus* aberrations *latoplaga* and *rubropuncta*; French Guiana]  
1939. Lycaenidae. *Bulletin & Annales de la Société royale entomologique de Belgique* 79(7/8): 289-292 (28 August) [general; new taxa: *Thecla melinus grisea*, *T. m. g.* aberration *nigriplaga*, *T. cestri peruensis*, *T. davara joannisi*, *T. d. j.* aberration *pallida*; Peru, Cuba]  
1946. Papilionidae. *Bulletin & Annales de la Société royale entomologique de Belgique* 82: 101-122. [general; new taxa: *Papilio* (*Pharmacophagus*) *polydamas cubensis*, *P. thoas brasiliensis* aberration *completa*, *P. t. b.* aberration *reducta*, *P. (Cosmodesmus)* *protesilaus archesilaus* aberration *reducta*, *P. (C.) dioxippus* aberration *drueti*; Cuba, Brazil, Colombia]  
1947. Pieridae. *Bulletin & Annales de la Société royale entomologique de Belgique* 83(1/2): 46-73. [general; new taxa: *Ascia monuste suasa* aberration *joannisi*, *Dismorphia psamathe* aberration *joannisi*, *D. theugenis* aberration *juncta*, *Phoebis sennae marcellina* aberration *albescens*, *P. philea philea* aberration *inornata*, *Terias trujillensis*, *T. xanthochlora xanthochlora* [sic] aberration *marginata*, *T. joannisi*, *T. j.* aberration *marginata*, *T. j.* aberration *obliterata*, *Colias minuscula* form *peruviensis*; Peru, Bolivia, Brazil, Colombia, West Indies]  
1948. Note sur les Danaidae. *Bulletin mensuel de la Société Linnéenne de Lyon* 17(10): 192-194 (October) [general; new taxa: *Danaus plexippus plexippus* aberration *bipunctata*, *D. p. p.* aberration *disjuncta*, *D. p. p.* aberration *obliterata*, *Ituna phenarete lanassa* aberration *juncta*, *Heteroscada fenella* aberration *ferreirai*, *Miraleria cymothoe* aberration *joannisi*; Central and South America, Trinidad]  
1959. Brassolidées. *Bulletin de la Société des Naturalistes de Mons et du Borinage* 42(3/4): 16-17. [general; *Caligo eurilochus brasiliensis* new form *obliterata*; Brazil]
- Dufresne, Eric R.**  
2010. See Saranathan, V. et al., 2010.
- Dugum, Nazario**  
1989. See Muñoz, J. B. et al., 1989.
- Dujardin, Francis** [1910-1984]  
1965. Papilionidae. Espèces de France et sous-espèces des Alpes-Maritimes. *Entomops* 1(3): 77-92, figs. (20 December) [*Euryades corethrus* (Boisduval)]; morphology; taxonomy]  
1969. See Bricoux, F. et al., 1969.
- Dumar, Juan Camilo**  
2011. See Mahecha, O. J. et al., 2011.  
2017. See Casas, L. C. et al., 2017.
- Dumbardon-Martial, Thierry, Pierre-Damien Lucas, Sylvie Warot, Nicolas Ris and Géraldine Groussier**  
2018. Recherche d'espèces du genre *Trichogramma* sur cucurbitacées cultivées et plantes associées en Martinique en vue du développement de méthodes de lutte biologique (Hymenoptera, Trichogrammatidae). *Bulletin de la Société entomologique de France* 123(4): 401-410, 5 figs., 2 tabs. (3 December) [*Calpodes ethlius* (Cramer)]; host plant; parasitoid]
- Dumón, Analia**  
2011. See Defagó, M. T. et al., 2011.
- Dumon, M.**  
1938. Les migrations des papillons. *Bulletin mensuel de la Société Linnéenne de Lyon* 7(1): 21-25 (January) [general; Neotropics]
- Dumortier, Bernard**  
1963. *Morphology of sound emission apparatus in Arthropoda*, pp. 277-345, figs. 113-212, tab. 23. In: Busnel, R. G. (Ed.), *Acoustic behaviour of animals*. Amsterdam, Elsevier Publishing Company. [general]
- Duncan, James** [1804-1861]  
1837. *Entomology. 5. The natural history of foreign butterflies*. In: Jardine, W. (Ed.), *The Naturalist's Library*. Edinburgh, William Home Lizars. 18: 208 pp., 30 pls. (June) [general; host plants; larvae, pupae, imagines; Neotropics]
- Dunk, Klaus von der** [1943- ]  
2004. *Dynastor darius* (Stich.) - Der Falter mit der Schlangenspuppe (Lep., Brassolidae). *Galathea* 20(3): 115-120, 3 figs. [life history; host plant; Venezuela]
- Dunlap-Pianka, Helen Louise** [1940- ]  
1979. Ovarian dynamics in *Heliconius* butterflies: Correlations among daily oviposition rates, egg weights, and quantitative aspects of oogenesis. *Journal of Insect Physiology* 25(9): 741-749, 3 figs., 3 tabs. (September) [general]
- Dunlap-Pianka, Helen Louise, Carol L. Boggs and Lawrence Edmund Gilbert**  
1977. Ovarian dynamics in Heliconiine butterflies: Programmed senescence versus eternal youth. *Science* 197(4302): 487-490, 2 figs. (29 July) [general; physiology; evolution; Costa Rica, Mexico]
- Dunn, Kelvyn L.**  
2007. A report on butterfly absence on Easter Island (Chile) during March. *Victorian Entomologist* 37(2): 15-16 (April) [*Cynthia carye* (Hübner); *Hypolimnas bolina* (Linnaeus)]
- Dunn, Lawrence H.** [1882-1969]  
1917. The cocoon-tree caterpillar (*Brassolis isthmia*) of Panama. *Journal of economic Entomology* 10(5): 473-488, pls. 22-23 (20 October) [also in *Proceedings of the medical Association of the isthmian Canal Zone* 9(1): 32-48, 5 pls.; 1917] [egg, larva, pupa, imago; behavior; parasitoids; predators; disease]
- Dunn, Robert R.**  
2004. Managing the tropical landscape: A comparison of the effects of logging and forest conversion to agriculture on ants, birds, and lepidoptera. *Forest Ecology and Management* 191(1/3): 215-224, 1 fig., 1 tab. (5 April) [Belize]

**Dunsterville, Hilary, and Jorge Provenza**

1984. Mariposas de Venezuela: Un muestrario. *GeoMundo (Grandes Reportajes)* 4: 74-82, figs. [general]

**Duodu, Y. A., L. Munroe and W. M. Thompson**

1994. Review of the biological control project of the coconut caterpillar *Brassolis sophorae* (Lepidoptera: Nymphalidae) in Guyana, pp. 136-140, 4 tabs. *Annual Review Conference 1992 Proceedings*. Georgetown, National Agricultural Research Institute. [parasitoids]

**Duponchel, Philogène August Joseph [1774-1846]**

[1840]. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, C. Renard. 1: 202 (*Agraulis*) ("1841", [1840]) [general]

[1841]-42a. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, C. Renard. 2: 85 (*Arcas*) ([1841]); 464 (*Barbicornis*), 564 (*Biblis*, *Biblitis*), (24): 728 (*Brassolis*, *Brassolites*) ([30 June] 1842) [general]

[1842]b-43a. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, C. Renard. 3(25): 53 (*Callidryas*), 61 (*Callithea*) ([22 August 1842]), (28): 224 (*Catagramma*) ([7 September 1842]), 357-358 (*Cethosia*) (1843) [general; morphology; Neotropics]

[1843]b-44a. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, C. Renard. 4(37): 19 (*Clothilda*) ([31 August 1843]), 481 (*Cybelis*), 564 (*Cystineura*), (48): 713 (*Desmozona*) ([20 May] 1844) [general; Neotropics]

1844b. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, C. Renard. 5(49): 43 (*Diorina*) ([24 June]), (53): 290 (*Emesis*) ([23 September]), 312 (*Endopogon*), 388 (*Eresia*), 417 (*Erycina*), 418 (*Erycinidae*, *Erycini*), 485 (*Eudamus*), 495 (*Eumenia*), 515 (*Eurybia*), 532 (*Euterpe*) [general; morphology; Neotropics]

1845. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, Renard, Martinet et Cie. 6: 515 (*Heliconidae*, *Heliconia*, *Heliconii*, *Heliconites*), 515-516 (*Helicopsis*) [general; morphology; Neotropics]

1846. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris, Renard, Martinet et Cie. 7: [5]16 (*Lymnas*) [general]

**Dupont, Louis**

1893. La distribution géographique du genre *Colias*. *Feuille des jeunes Naturalistes* 23(269): 65-66 (1 March), (270): 83-88. [general]

**Dupré, Bernard**

1974. *World Treasury of Butterflies in Color*. New York, Galahad Books. 128 pp., figs. [general]

**Dupuis, Julian Rowe**

2015. See Proshok, B. et al., 2015.

2017. See Owens, H. L. et al., 2017.

2018. See Condamine, F. L. et al., 2018.

**Duque, Carmenza**

2007. See Claro, R. A. et al., 2007.

**Duque, Nelson**

1993. Los insólitos colores en las mariposas de Harold Skinner. *Corpovoz* 1993(1/3): 26-31, figs. (January-March) [general; Venezuela]

**Duque, Patricia**

2009. See Vélez, A. et al., 2009.

2010. See Vélez, A. M. et al., 2010.

2014. See Vélez, A. et al., 2014.

**Duque, Patricia, Hugo Hernando Vargas and Marta Isabel Wolff**

2011. Immature stages and natural history of the Andean butterfly *Altinote ozomene* (Nymphalidae: Heliconiinae: Acraeini). *Zoología (Curitiba)* 28(5): 593-602, 26 figs., 4 tabs. (31 October) [egg, larva, pupa, imago; host plants;

parasitoids; predators; morphology; behavior; Colombia]

**Duque, Patricia, Andrés Vélez, Juan David Marín, Eliana María Flores, Diana L. Castillo and Marta Isabel Wolff**

2013. Estadios inmaduros e historia natural de la mariposa de los Andes *Altinote trinacria* cf. *unicolor* (Nymphalidae: Heliconiinae: Acraeini). *Tropical Lepidoptera Research* 23(1): 44-53, 32 figs., 3 tabs. (1 June) [egg, larva, pupa, imago; host plants; parasitoids; predators; morphology; behavior; Colombia]

2014. Estados inmaduros e historia natural de la mariposa andina *Actinote callianthe amoena* Jordan, 1913 (Nymphalidae: Heliconiinae, Acraeini). *Tropical Lepidoptera Research* 24(2): 87-95, 27 figs., 1 tab. (20 December) [egg, larva, pupa; host plant; behavior; predator; parasitoids; Colombia]

**Durán, Francisco**

2008. See Sánchez, J. et al., 2008.

**Durán, Jefferson Alexis**

2018. See Ochoa, J. A. et al., 2018.

**Durán, Juliana, Giovanni Fagua, Jorge Robles and Elizabeth Gil**

2012. Sequestration of aristolochic acid I from *Aristolochia pilosa* by *Mapeta xanthomelas* Walker, 1863. *Journal of chemical Ecology* 38(10): 1285-1288, 1 fig. (October; published online 12 September) [*Mesene margaretta* (White); mimicry; Colombia]

**Durán, Leonidas [1903-1978]**

1963. *Insectos de importancia económica para la zona austral*. Santiago de Chile, Dirección de Agricultura y Pesca, Ministerio de Agricultura. 73 pp. [general; Chile]

**Duran, Victor, and Fordyce Grinnell, Jr.**

1915. Three Synchloes, their differences and relations (Lep.). *Entomological News* 26(4): 173-174 ("April", [31 March]) [Argentina]

**Durant, Pedro**

1997. See Díaz, A. et al., 1997.

**Duranton, Michel**

2004. See Gombauld, P. & M. Duranton, 2004.

**D'Urban, William Stewart M. [1837-1934]**

1858. Description of a Canadian butterfly, and some remarks on the genus *Papilio*. *Canadian Naturalist and Geologist* 3(6): 410-419, 2 figs., (December) [general; host plants; Neotropics]

**Durbin, Richard**

2017. See Davey, J. W. et al., 2017.

**Durden, Christopher J.**

2001. See Bálint, Z., C. S. Guppy et al., 2001.

2008. Treasures of the Sierra Madre – Three new butterfly species from Northeastern Mexico: *Neominois pseudochararoides*, *Gyrocheilus meganae* and *Neophasia inopinatus* (Lepidoptera: Satyridae & Pieridae). *Armadillo Papers* 9: [i-ii], 1-7, [10] figs. (4 June)

2012. See Grishin, N. V. & C. J. Durden, 2012.

**Durden, Lance A., and Mark Welford**

2011. Rapid assessment of elevational zonation and biodiversity in Ecuadorian butterfly faunas. *Southern Lepidopterists' News* 33(2): 60-69, 9 figs., 5 tabs. (30 June) [general]

**Durrant, John Hartley [1863-1928]**

1918-28. Collation of the correlated genera of the Tentamen and Verzeichniss bekannter Schmettlinge of Jacob Hübner. *Entomologist's Record and Journal of Variation* 30(8/9) (suppl.): 1-16 (August-15 September 1918); 31(5)(suppl.): i-iv, 17-31 (15 May 1919); 40(4)(suppl.): 33-34 (15 April 1928).

**Dushkina, Natalia, Sema Erten and Akhlesh Lakhtakia**

2017. Coloration and structure of the wings of *Chorinea sylphina* Bates. *Journal of the Lepidopterists' Society* 71(1): 1-11,



- 10 figs. (2 March) [morphology]
- Dushkina, Natalia, and Akhlesh Lakhtakia**  
2013. *Structural colors*, pp. 267-302, 28 figs., 4 tabs. In: Lakhtakia, A. & R. J. Martín-Palma (Eds.), *Engineered Biomimicry*. Amsterdam, Elsevier (5 June) [*Morpho*; morphology]
- Dussourd, David E.**  
1993. *Foraging with finesse: Caterpillar adaptations for circumventing plant defenses*, pp. 92-131, 3 figs., 1 tab. In: Stamp, N. E. & T. M. Casey (Eds.), *Caterpillars. Ecological and evolutionary constraints on foraging*. New York, Chapman & Hall. [general]
- Dutra, Humberto de Paula, André Victor Lucci Freitas and Paulo Sérgio Oliveira**  
2006. Dual ant attraction in the Neotropical shrub *Urera baccifera* (Urticaceae): the role of ant visitation to pearl bodies and fruits in herbivore deterrence and leaf longevity. *Functional Ecology* 20(2): 252-260, 6 figs., 3 tabs. (April) [*Smyrna blomfieldia* (Fabricius), *Urbanus esmeraldus* (Butler); Brazil]
- Dutra, João Clovis Stanzani**  
1995. See Vitali, M. de J. et al., 1995.  
1999. See Vitali, M. de J. et al., 1999.  
2010. See Almeida-Soraes, S. et al., 2010.
- Dutra, João Mateus Vieira**  
2014. See Cunha, W. L. da et al., 2014.
- Dutra, Renato Rouxo Coutinho, and Marcelo Antunes Araújo**  
1997. Informatização de coleções utilizando um Sistema de Informações Geográficas (SIG): Um protótipo desenvolvido para a coleção de Lepidoptera do Departamento de Zoologia da Universidade Federal do Paraná. *Revista brasileira de Zoologia* 14(2): 407-416, 6 figs. (20 August) [general; Brazil]
- Dutrillaux, Anne-Marie**  
2018. See McClure, M. et al., 2018.
- Dutrillaux, Bernard**  
2018. See McClure, M. et al., 2018.
- Duval, Pierre**  
2012. See Sáenz, C. et al., 2012.
- Duzzi, Domingos**  
1966. See Giannotti, O. et al., 1966.
- Dvorak, Stanley K.**  
1979. See Shields, A. O. & S. K. Dvorak, 1979.
- Dyar, Harrison Gray** [1866-1929]  
1901. Larva of *Eucheira socialis* Westw. *Proceedings of the entomological Society of Washington* 4(4): 419-420 (16 July) [Pieridae; morphology; Mexico]  
[1903]. A list of North American Lepidoptera and key to the literature of this order of insects. *Bulletin of the United States national Museum* 52: xix + 723 pp. ("1902", [13 January 1903]) [general; Neotropics]  
1905. A review of the Hesperidae of the United States. *Journal of the New York entomological Society* 13(3): 111-141 (September) [general; Mexico, West Indies]  
1907. Descriptions of new American Lepidoptera. *Journal of the New York entomological Society* 15(1): 50-53 (March) [*Papilio belus* variety *ingenuus*; Mexico]  
1909. New species of American Lepidoptera. *Proceedings of the entomological Society of Washington* 11(1): 19-29 (26 July) [*Tmetoglène eulesca*, *T. laridetta*, *T. meridae*; Mexico, Venezuela]  
1911. Descriptions of the larvae of some Mexican Lepidoptera. *Proceedings of the entomological Society of Washington* 13(4): 227-232 (29 December) [general; host plants]  
1912a. Descriptions of new species and genera of Lepidoptera, chiefly from Mexico. *Proceedings of the United States national Museum* 42(1885): 39-106 (6 March) [general; *Euptychia pertepida*, *Phyciodes coracara*, *Caria melino*, *C. stillaticia*, *Thecla primnoza*, *T. zenaida*, *T. greppa*, *Heteropia cyledis*, *Thracides uridon*, *Thorybes thedea*, *Staphylus litus*, *Butleria aea*, *Baronia brevicornis* dimorphic form *eusemna*, *B. b.* dimorphic form *phronima*]
- 1912b. Descriptions of the larvae of some Lepidoptera from Mexico. *Proceedings of the entomological Society of Washington* 14(1): 54-58 (13 March) [general; host plants; Mexico]  
1912c. Some Lepidoptera from Mexico. *Pomona College Journal of Entomology* 4(2): 746-748 (May) [*Phyciodes elada*, *Lycaena marina*]  
1913a. Descriptions of new Lepidoptera, chiefly from Mexico. *Proceedings of the United States national Museum* 44(1951): 279-324 (11 February) [general; *Phyciodes natalces*, *Thespiesus dalmani guerreronis*, *T. cacajo*, *T. zaovinia*, *Amblyscirtes tutolia*, *Staphylus holaphegges*, *Argopteron dividuum*, *Megathymus rethon*]  
1913b. Results of the Yale Peruvian Expedition of 1911. Lepidoptera. *Proceedings of the United States national Museum* 45(2006): 627-649 (22 July) [general; new taxa: *Papilio madyes montebanus*, *Phulia altivolans*, *P. nannophyes*, *Andina coropunae*, *Actinote binghamae*, *Heliconius melpomene hyperplea*, *Phyciodes omosis*, *P. birivula*, *Lymanopoda shefteli*, *L. harknessi*, *L. keithi*, *Euphychia hotchkissi*, *E. leguia-limai*, *Thecla tyleri*, *T. bennetti*, *T. brocela*, *T. ulia*, *T. muela*, *T. excisicosta*, *Hylephila isonira*, *Argopteron xicca*, *Lerodea gracia*, *Lerema miqua*, *Hesperia archia*]  
1914a. Four new Lepidoptera from British Guiana. *Insecutor Inscitiae Menstruus* 2(1): 4-6 (31 January) [*Lerema mooreana*, *Atrytone gladolis*, *A. heberia*]  
1914b. Report on the Lepidoptera of the Smithsonian Biological Survey of the Panama Canal Zone. *Proceedings of the United States national Museum* 47(2050): 139-350 (20 May) [general; new taxa: *Euptychia marisea*, *Caligo oileus hyposchesis*, *Otaconstesis* (new genus) *pericopidis*, *Thecla elimes*, *T. burica*, *T. climicles*, *T. posetta*, *T. callides*, *T. heraldica*, *T. mesca*]  
1914c. Descriptions of new species and genera of Lepidoptera from Mexico. *Proceedings of the United States national Museum* 47(2054): 365-409 (24 October) [*Euptychia suivalens*, *Ancyluris inca mora*, *Myscelus perissodora*, *Paratrytone aphractoia*, *Ochlodes samenta*, *Thorybes uvydixa*, *Pholisora smodora*]  
1914d. Lepidoptera of the Yale Dominican Expedition of 1913. *Proceedings of the United States national Museum* 47(2056): 423-426 (24 October) [general; new species: *Thecla otoheba*]  
1916. Descriptions of new Lepidoptera from Mexico. *Proceedings of the United States national Museum* 51(2139): 1-37 (16 October) [*Caria rabatta*, *Ipidecla* (new genus) *miadora*, *Thecla arindela rinde*, *T. syncellus sierrae*, *T. syvix*, *T. minniles*, *Eudamus hyster*, *Thorybes paucipuncta*, *Amblyscirtes catahorma*]  
1917. Miscellaneous new American Lepidoptera. *Insecutor Inscitiae Menstruus* 5(4/6): 65-69 (2 June) [*Vehilius norma*, *V. sacchariphila*; host plants; Guyana]  
1918. Descriptions of new Lepidoptera from Mexico. *Proceedings of the United States national Museum* 54(2239): 335-372 (5 April) [*Charis craspediodonta*, *Ipidecla monenoptron*, *Thecla bunnirae*, *T. viggia*, *T. nipia*, *T. janthodonia*, *T. vevenae*, *T. muridosca*, *Ebrietas lachesis*, *Butleria penaea*, *Catia jobrea*, *Prenes hemizona*, *Thespiesus gayra*, *Lerema hypozona*, *Padraona sophistes*, *P. inculta*]  
1920. New Lepidoptera, chiefly from Mexico, with synonymic notes. *Insecutor Inscitiae Menstruus* 8(10/12): 187-198

- (15 December) [new species: *Anthocharis ellena*, *Butleria cyclosticta*, *Lychnuchoides frappenda*]
1921. New American Lepidoptera and records. *Insecutor Inscitiae Menstruus* 9(7/9): 137-145 (3 October) [*Butleria bubobon*; Mexico]
1923. New American Lepidoptera. *Insecutor Inscitiae Menstruus* 11(1/3): 12-30 (12 February) [*Systasea microsticta*, *Amblyscirtes mate*; Mexico]
1924. New Lepidoptera from Mexico and one from Argentina. *Insecutor Inscitiae Menstruus* 12(1/3): 15-21 (2 January) [*Bolla semitincta*; Mexico]
1926. New Lepidoptera from Mexico-I. *Insecutor Inscitiae Menstruus* 14(7/9): 140-148 (8 November) [*Thecla santans*, *Bolla bistor*, *Thanaos mercurius*, *T. quadratus*, *Atrytone xanthopolys*]
1927. Ten new Lepidoptera from Mexico. *Pan-Pacific Entomologist* 4(1): 7-10 ("July", 16 September) [*Oarisma era*]

**Dyer, Lee A.**

1995. Tasty generalists and nasty specialists? Antipredator mechanisms in tropical lepidopteran larvae. *Ecology* 76(5): 1483-1496, 8 figs., 4 tabs. (July) [general; host plants; Costa Rica]
1997. Effectiveness of caterpillar defense against three species of invertebrate predators. *Journal of Research on the Lepidoptera* 34(1/4): 48-68, 6 figs., 3 tabs. (15 December) [general; Costa Rica]
2001. In defense of caterpillars. *Natural History* (New York) 110(10): 42-47, figs. (December) [general]
2002. See Gentry, G. L. & L. A. Dyer, 2002.
2005. See Stireman, J. O., III et al., 2005.
- 2009a. See Miller, J. S. & L. A. Dyer, 2009.
- 2009b. See Grinter, C. C. et al., 2009.
- 2009c. See Greeney, H. F. et al., 2009a.
- 2009d. See Greeney, H. F. et al., 2009c.
- 2009e. See Stireman, J. O., III et al., 2009.
- 2010a. See Greeney, H. F. et al., 2010b.
- 2010b. See Greeney, H. F. et al., 2010c.
- 2011a. See Greeney, H. F. et al., 2011a.
- 2011b. See Greeney, H. F. et al., 2011b.
- 2012a. See Greeney, H. F. et al., 2012.
- 2012b. See Smilanich, A. M. & L. A. Dyer, 2012.
2016. See Scherrer, S. et al., 2016.
2018. See Slinn, H. L. et al., 2018.

**Dyer, Lee A., and Ted Floyd**

1993. Determinants of predation on phytophagous insects: the importance of niche breadth. *Oecologia* 96(4): 575-582, 3 figs., 3 tabs. (December) [general; host plants; Costa Rica]

**Dyer, Lee A., Robert B. Matlock, Darya Chehrezad and Rachel O'Malley**

2005. Predicting caterpillar parasitism in banana plantations. *Environmental Entomology* 34(2): 403-409, 2 figs., 4 tabs. (April) [*Caligo memnon* (C. Felder & R. Felder), *Opsiphanes tamarindi* C. Felder & R. Felder; Costa Rica]

**Dyer, Lee A., Michael S. Singer, John T. Lill, John O. Stireman, III, Grant L. Gentry, Robert J. Marquis, Robert Eric Ricklefs, Harold Francis Greeney, David L. Wagner, Helena Castanheira de Moraes, Ivone Rezende Diniz, Thomas Alan Kursar and Phyllis Dewing Coley**

2007. Host specificity of Lepidoptera in tropical and temperate forests. *Nature* (London) 448(7154): 696-699, 3 figs., 1 tab. (9 August) [general; Costa Rica, Panama, Ecuador, Brazil]

# E

- Ealand, Charles Aubrey** [1877- ]  
 1921. *Insect life*. London, A. and C. Black, Ltd. xii + 340 pp., 74 pls., 13 figs. [general; host plants; larvae, imagines; behavior; Neotropics]
- Eanes, Walter Francis** [1947- ]  
 1979a. See Turner, J. R. G. et al., 1979.  
 1979b. *The monarch butterfly as a paradigm of genetic structure in a highly dispersive species*, pp. 88-102, 2 figs., 5 tabs. In: Rabb, R. L. & G. G. Kennedy (Eds.), *Movement of highly mobile insects: concepts and methodology in research*. Raleigh, North Carolina State University. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Eanes, Walter Francis, and Richard K. Koehn**  
 1979. An analysis of genetic structure in the monarch butterfly, *Danaus plexippus* L. *Evolution* 32(4): 784-797, 3 figs., 5 tabs. ("December 1978", 18 January 1979) [Mexico]
- Earl, Chandra**  
 2018. See Breinholt, J. W. et al., 2018.
- Earl, Chandra, Robert P. Guralnick and Akito Yuji Kawahara**  
 2017. Imperfect convergence in butterfly wing patterns. *Evolution* 71(4): 1118-1119, 1 fig. (April; published online 17 March) [*Adelpha*]
- Eastman, J. Ronald**  
 2007. See Vester, H. F. M. et al., 2007.
- Eastwood, Rodney**  
 2005. See Braby, M. F. et al., 2005.  
 2006. See Vila, R. & R. Eastwood, 2006.  
 2011. See Basset, Y. et al., 2011.  
 2013. See Basset, Y. et al., 2013.  
 2016. See Pierce, N. E. et al., 2016.  
 2018a. See Espeland, M. et al., 2018.  
 2018b. See Schär, S. et al., 2018.
- Eastwood, Rodney, Sarah Lyn Boyce and Brian D. Farrell**  
 2006. The provenance of Old World swallowtail butterflies, *Papilio demoleus* (Lepidoptera: Papilionidae), recently discovered in the New World. *Annals of the entomological Society of America* 99(1): 164-168, 1 fig., 1 tab. (January) [Dominican Republic; host plant]
- Eastwood, Rodney, and Roger Vila**  
 2006. Congregación de *Strymon jacquelinae* Nicolay & Robbins, 2005 (Lepidoptera: Lycaenidae: Eumaeini) en nectarios extraflorales del cactus *Neoraimondia arequipensis* ssp. *gigantea* (Werdermann & Backeberg) Ostolaza. *Quepo* (Lima) 20: 28-35, 4 figs. [behavior; Peru]
- Eaton, M.**  
 2014. See Churchyard, T. et al., 2014.
- Eaton, Theodore Hildreth, Jr.** [1907-1981]  
 1932. A review of some genera of Hesperinae (Hesperiidae, Lepidoptera). *Annals of the entomological Society of America* 25(1): 18-29, 2 pls. ([31] March) [general; new species: *Talides basistrigata*; Neotropics]
- Ebel, Emily R., Jeffrey M. DaCosta, Michael D. Sorenson, Ryan I. Hill, Adriana Darielle Briscoe, Keith Richard Willmott and Sean P. Mullen**  
 2015. Rapid diversification associated with ecological specialization in Neotropical *Adelpha* butterflies. *Molecular Ecology* 24(10): 2392-2405, 3 figs., 3 tabs. (May; published online 20 April) [general]
- Ebeling, Walter** [1907-2010]  
 1950. *Subtropical entomology*. San Francisco, Lithotype Process Co. 747 pp., 570 figs., 12 tabs. [general; anatomy; morphology; classification; host plants; larvae; Neotropics]
1959. *Subtropical fruit pests*. Berkeley, University of California. vi + 436 pp., 8 pls., figs., tabs. [general; eggs, larvae, pupae, imagines; Neotropics]
- Eberhard, Monika J. B.**  
 2009. See Krenn, H. W. et al., 2009.
- Eberhard, Stefan H.**  
 2008. See Hiki, A.-L. et al., 2008.  
 2009. See Krenn, H. W. et al., 2009.
- Eberhard, Stefan H., Anna-Laetitia Hiki, Carol L. Boggs and Harald Wolfgang Krenn**  
 2009b. Saliva or regurgitated nectar? What *Heliconius* butterflies (Lepidoptera: Nymphalidae) use for pollen feeding. *Annals of the entomological Society of America* 102(6): 1105-1108, 1 fig., 3 tabs. (November) [general; behavior; Costa Rica]
- Eberhard, Stefan H., Norbert Hrasnigg, Karl Crailsheim and Harald Wolfgang Krenn**  
 2007. Evidence of protease in the saliva of the butterfly *Heliconius melpomene* (L.) (Nymphalidae, Lepidoptera). *Journal of Insect Physiology* 53(2): 126-131, 1 fig., 1 tab. (February)
- Eberhard, Stefan H., and Harald Wolfgang Krenn**  
 2003a. Pollen als Nahrung: Schlüssel für ökologisches Besonderheiten der *Heliconius-Falter* (Nymphalidae, Heliconiinae). *Verhandlungen Westdeutscher Entomologentag 2001*: 97-102, 1 fig., 2 tabs. (March) [morphology]
- 2003b. Salivary glands and salivary pumps in adult Nymphalidae. *Zoomorphology* 122(4): 161-167, 3 figs. (September; published online 24 June) [*Heliconius melpomene* (Linnaeus), *Dryas iulia* (Fabricius); anatomy, histology]
2005. Anatomy of the oral valve in nymphalid butterflies and a functional model for fluid uptake in Lepidoptera. *Zoologischer Anzeiger* 243(4): 305-312, 5 figs. (June) [*Heliconius melpomene* (Linnaeus), *Dryas iulia* (Fabricius)]
2009. Pollen als Nahrung neotropischer Tagfalter – Die Rolle der Speicheldrüsen und des Speichels. *Entomologica austriaca* 16: 141-143. [Heliconiini; morphology; behavior]
- Eberhard, Stefan H., Hans L. Nemeschkal and Harald Wolfgang Krenn**  
 2009a. Biometrical evidence for adaptations of the salivary glands to pollen feeding in *Heliconius* butterflies (Lepidoptera: Nymphalidae). *Biological Journal of the Linnean Society* 97(3): 604-612, 3 figs., 3 tabs. (July; published online 23 June) [general]
- Ebert, Günter**  
 1964. Die Macrolepidopteren-Sammlungen der Landessammlungen für Naturkunde in Karlsruhe und ihre Neugestaltung. *Beiträge zur naturkundlichen Forschung in Südwesdeutschland* 23(2): 87-106 (1 November) [general]
- Ebert, Heinz** [1907-1982]  
 1960. Novas observações sobre a glaciação pleistocênica na Serra do Itatiaia (Nota preliminar). *Anais da Academia brasileira de Ciências* 32(1): 51-73, 9 figs. (31 March) [*Colias lesbia* (Fabricius), Satyrinae, Hesperidae; zoogeography; Brazil]

1965. Uma coleção de borboletas (Lepid. Rhopal.) do Rio Amapari (Territorio do Amapá) com anotações taxonômicas sobre Rhopalocera do Brasil. *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 18(9): 65-85, 2 figs. (30 August) [general; new subspecies: *Temenis santina meridionalis*; new name: *Pierella lamia* form *fabriciana*; French Guiana]
1968. *Corrigenda*, pp. 233-249. In: Silva, A. G. d'A. e, C. R. Gonçalves, D. M. Galvão, A. J. L. Gonçalves, J. Gomes, M. do N. Silva & L. de Simoni, *Quarto catálogo dos insetos que vivem nas plantas do Brasil seus parasitos e predadores. Edição ampliada do "3º catálogo dos insetos que vivem nas plantas do Brasil" de autoria do Prof. A. M. da Costa Lima. Parte II. Insetos, hospedeiros e inimigos naturais. Índice de insetos e índice de plantas*. Rio de Janeiro, Ministério da Agricultura. 2: [viii] + 265 pp. [general]
1969. On the frequency of butterflies in Eastern Brazil, with a list of the butterfly fauna of Pocos [sic] de Caldas, Minas Gerais. *Journal of the Lepidopterists' Society* 23(Supplement 3): 1-48, 6 figs., 10 tabs. [general; population dynamics]
1970. See Brown, K. S., Jr. et al., 1970.
1982. See Kesselring, H. J. & H. Ebert, 1982.
- Ebert, Heinz, and Manoel Martins Dias, Filho**
1997. Novos gênero e espécie de Satyrinae (Lepidoptera, Nymphalidae) do sudeste brasileiro. *Revista brasileira de Zoologia* 14(2): 283-298, 42 figs. (20 August) [*Carminda*, *C. umuarama*; Paraguay, Argentina]
- Echandi, Eddie** [1926-1995]
1969. See Bocanegra, S. & E. Echandi, 1969.
- Echeverri, Luis Fernando, Gloria Cardona, Fernando Torres, Carlos Peláez, Winston Quiñones and Enrique Rentería**
1991. Ermanin: an insect deterrent flavonoid from *Passiflora foetida* resin. *Phytochemistry* 30(1): 153-155, 2 figs. [*Dione juno* (Cramer); host plants; Colombia]
- Echeverry, Alba Lucia**
2015. See Vargas, M. A. et al., 2015.
- Echeverry, Germán**
1968. Cultivo de maracuyá. *Carta agraria. Caja de Crédito agrario* (Bogotá) 218: 7-16, 7 figs. (August) [*Dione* sp; Colombia]
- Eckhardt, Gert**
1982. See Urzúa, A. et al., 1982.
1983. See Urzúa, A. et al., 1983.
- Eckhardt, Gert, Alejandro Urzúa and Bruce Kennedy Cassels**
1983. Mass spectrometry of aristolochic acids. *Journal of natural Products* 46: 92-97, 5 figs. (31 March) [*Battus archidamas* (Boisduval); host plant; Chile]
- Edelman, Nathaniel B.**
- 2019a. See Ray, D. A. et al., 2019.
- 2019b. See Rosser, N. et al., 2019b.
- Edelman, Nathaniel B., Paul B. Frandsen, Michael Miyagi, Bernardo Clavijo, John W. Davey, Rebecca B. Dikow, Gonzalo García-Accinelli, Steven M. Van Belleghem, Nick Patterson, Daniel E. Neafsey, Richard Challis, Sujai Kumar, Gilson Rudinei Pires Moreira, Camilo Andrés Salazar, Mathieu Chouteau, Brian A. Counterman, Riccardo Papa, Mark L. Blaxter, Robert D. Reed, Kanchon Kumar Dasmahapatra, Marcus R. Kronforst, Mathieu Joron, Christopher David Jiggins, William Owen McMillan, Federica Di Palma, Andrew J. Blumberg, John Wakeley, David Jaffe and James Louis Borlase Mallet**
2019. Genomic architecture and introgression shape a butterfly radiation. *Science* 366(6465): 594-599, 5 figs. (1 November) [*Heliconius*; Neotropics]
- Edelson, Edward**
1969. Insect travellers. Some butterflies migrate for thousands of miles. *Animal Kingdom* 72(5): 22-27, 3 figs. (October) [*Danaus plexippus* (Linnaeus), *Vanessa cardui* (Linnaeus); Mexico]
- Edgar, John Alexander**
1975. Danainae (Lep.) and 1,2-dehydropyrrolizidine alkaloid-containing plants - with reference to observations made in the New Hebrides. *Philosophical Transactions of the royal Society of London (B)* 272(918): 467-476, 3 figs., 2 tabs. (13 November) [general]
1976. See Pliske, T. E. et al., 1976.
1978. See Rothschild, M. L. & J. A. Edgar, 1978.
1982. Pyrrolizidine alkaloids sequestered by Solomon Island danaine butterflies. The feeding preferences of the Danainae and Ithomiinae. *Journal of Zoology* 196(3): 385-400, 2 pls., 4 figs., 2 tabs. ([9] March) [general]
1983. Pyrrolizidine alkaloids in insect-plant co-evolution. *Toxicon, Supplement* 3: 97-100, 8 figs. [Ithomiinae, Danainae]
1984. *Parsonsiae: Ancestral larval foodplants of the Danainae and Ithomiinae*, pp. 91-93, 1 fig., 1 tab. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press.
1988. See Schulz, S. et al., 1988.
- Edgar, John Alexander, Claude Charles Joseph Culvenor and Thomas Edward Pliske**
1974. Coevolution of danaid butterflies with their host plants. *Nature* (London) 250(5468): 646-648, 1 fig., 1 tab. (23 August) [general; biochemistry]
1976. Isolation of a lactone, structurally related to the esterifying acids of pyrrolizidine alkaloids, from the costal fringes of male Ithomiinae. *Journal of chemical Ecology* 2(3): 263-270, 2 figs., 1 tab. (July-September) [general; Venezuela]
- Edger, Patrick P., Hanna M. Heide-Fischer, Michaël Bekaert, Jadranka Rota, Gernot Glöckner, Adrian E. Platts, David G. Heckel, Joshua P. Der, Eric K. Wafula, Michelle Tang, Johannes A. Hofberger, Ann Smithson, Jocelyn C. Hall, Matthieu Blanchette, Thomas E. Bureau, Stephen I. Wright, Claude W. dePamphilis, M. Eric Schranz, Michael S. Baker, Gavin C. Conant, Niklas Wahlberg, Heiko Vogel, J. Chris Pires and Christopher West Wheat**
2015. The butterfly plant arms-race escalated by gene and genome duplications. *Proceedings of the national Academy of Sciences of the United States of America* 112(27): 8362-8366, 2 figs. (7 July; published online 22 June) [Pieridae; coevolution; Neotropics]
- Edmonds, William M. M.**
1984. A monarch tagged at Toronto encountered in Texas. *Occasional Publication. Toronto Entomologists Association* 15: 18. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Edmunds, Malcolm**
- 1974a. Significance of beak marks on butterfly wings. *Oikos* 25(1): 117-118. [general]
- 1974b. *Defence in animals. A survey of anti-predator defences*. Harlow, Longman Group Limited. xvii + 357 pp., 8 pls., figs., tabs. [general; mimicry; behavior; Neotropics]
2004. *Deflection marks*, pp. 674-675, figs. 250-251. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 1. [Ed. 2, 2008] [*Arawacus aetolus* (Sulzer); Colombia]
- Edvardsson, Martin**

2000. See Arnqvist, G. et al., 2000.
- Edwards, David P.**  
2018. See Montejo-Kovacevich, G. et al., 2018.
- Edwards, George** [1694-1773]  
1743-51. *A natural history of birds. Most of which have not been figur'd or describ'd, and others very little known from obscure or too brief descriptions without figures, or from figures very ill design'd.* London, College of Physicians. 1: xxiv + 52 pp., 52 pls. (1743); 2: viii + 53-128, pls. 53-105 (1747); 3: iv + 129-157, pls. 106-157 (1750); 4: frontisp., [iv] + viii + 158-248, pls. 158-210 (1751) [the general title for the four volumes (published with the fourth) is: *A natural history of uncommon birds, and of some other rare and undescribed animals, quadrupedes, reptiles, fishes, insects, &c.*] [a French edition, 1745-1751; a second English edition, 1802-1803] [general]
- Edwards, George A.** [1914-1960], **Helena L. de Souza Santos, A. Brünner, Jr., Pérsio de Souza Santos, Paulo Sawaya and Helmut Ruska**  
1954. Electron microscopy in the study of insects. *Revista Brasileira de Entomologia* (São Paulo) 2: 97-104, 8 pls. (1 December) [*Morpho* scales]
- Edwards, George A., Pérsio de Souza Santos, Helena L. de Souza Santos and Paulo Sawaya**  
1954. Electron microscope studies of insect muscle. III. Variations in ultra structure. *Boletim. Zoologia. Faculdade de Filosofia, Ciências e Letras. Universidade de São Paulo* 19: 391-406, 14 figs., 1 tab. [*Caligo beltrao* (Illiger); Brazil]
- Edwards, Henry** [1830-1891]  
1882. Dwarf butterflies. *Papilio* 2(2): 34 (February) [*Gynaecia dirce* (Linnaeus), *Gonepteryx leachiana* (Godart); Peru]  
1883. *Callidryas fisheri* n. sp. or var. *Papilio* 3(2): 43 (February) [Mexico]  
1884. Suborder II.- *Rhopalocera*, pp. 469-502, 1 pl., figs. 593-627. In: *The Standard Natural History*. Boston, S. E. Cassino & Co. 2. (1 November) [general; morphology; eggs, larvae, pupae, imagines; host plants; behavior; ecology; Neotropics]  
1889. Notes on noises made by Lepidoptera. *Insect Life* 2(1): 11-15 (July) [*Ageronia* spp., *Prepona* spp.; Brazil, Panama]
- Edwards, Stanley** [1864-1938]  
1892. [Notes]. *Proceedings of the South London entomological & natural History Society* 1890-91: 145, 148 [*Papilio laodamas* C. Felder & R. Felder, *P. ulopus* Gray, *P. pandion* C. Felder & R. Felder; Brazil, Mexico]  
1894. [A note]. *Proceedings of the South London entomological & natural History Society* 1892-93: 99 [*Papilio zagreus* Doubleday; Colombia]  
1902. [A note]. *Proceedings of the South London entomological & natural History Society* 1901-02: 41 [*Papilio*]  
1903. [Notes]. *Proceedings of the South London entomological & natural History Society* 1902-03: 92, 93 [*Prepona*, *Morpho cypris* Westwood, *Caligo*; South America]  
1905. [Notes]. *Proceedings of the South London entomological & natural History Society* 1904-05: 64, 89 [*Papilio andraemon* (Hübner), *Morpho anaxibia* (Esper), *Euryades*; Brazil, Argentina]  
1906a. [Notes]. *Proceedings of the South London entomological & natural History Society* 1905-06: 78, 98 [*Papilio*, *Heliconius*; South America]  
1906b. [A note]. *Proceedings of the South London entomological & natural History Society* 1905-06: 110 [*Papilio patros* Gray, *P. photinus* Doubleday; Brazil, Mexico]  
1907. [Notes]. *Proceedings of the South London entomological & natural History Society* 1906-07: 40, 45 [*Papilio mycale* Godman & Salvin, *Morpho*; Panama]
- 1910a. [A note]. *Proceedings of the South London entomological & natural History Society* 1909-10: 84. [*Opsiphanes cyme* [sic] (Hübner); Brazil]  
1910b. [A note]. *Proceedings of the South London entomological & natural History Society* 1909-10: 112. [*Caligo atreus* (Kollar), *C. beltrao* (Illiger); South America]  
1914. [A note]. *Proceedings of the South London entomological & natural History Society* 1913-14: 118. [*Stalactis evelina* Butler; Brazil]  
1915a. [A note]. *Proceedings of the South London entomological & natural History Society* 1914-15: 92. [general; Costa Rica, Colombia]  
1915b. [Notes]. *Proceedings of the South London entomological & natural History Society* 1914-15: 106. [general; South America]  
1916. [A note]. *Proceedings of the South London entomological & natural History Society* 1915-16: 115. [general; South America]  
1920. [A note]. *Proceedings of the South London entomological & natural History Society* 1919-20: 66-67. [*Papilio* spp.; Brazil, Mexico]
- Edwards, Wilfred Henry**  
1936. Pests attacking citrus in Jamaica. *Bulletin of entomological Research* 27(2): 335-337 (13 July) [*Papilio cresphontes* Cramer]
- Edwards, William Henry** [1822-1909]  
1847. *A voyage up the River Amazon, including a residence at Pará.* New York, D. Appleton & Company. 256 pp., frontisp., 2 figs. [general; Brazil]  
1864. Description of certain species of diurnal Lepidoptera found within the limits of the United States and British North America. No. 3. *Proceedings of the entomological Society of Philadelphia* 2(4): 501-507 (9 May) [preprint published in April] [*Eresia cincta*; Central America]  
1876a. Notes on entomological nomenclature. Part I. *Canadian Entomologist* 8(3): 41-52 (March) [general]  
1876b. Notes on entomological nomenclature. Part II. *Canadian Entomologist* 8(5): 81-94 (May), (6): 113-119 (June) [general]  
1877. Catalogue of the Lepidoptera of America north of Mexico. Part I.-Diurnals. *Transactions of the american entomological Society* 6(1/2): 1-68 (July-September) [preprint published in April] [general]  
1881. Notes on the species of *Callidryas* found within the United States. *Transactions of the american entomological Society* 9(1): 9-14 (14 October) [preprint published 11 March] [general; Neotropics]  
1882. Note on *Papilio polydamas*, Linn. *Canadian Entomologist* 14(6): 120 ("July", [26 June]) [*Papilio serion* Fabricius, *P. zonaria* Butler; Jamaica, Cuba]  
1884a. Descriptions of new species of butterflies, mostly from Arizona. *Papilio* 4(3): 53-58 ([27] March) [*Terias linda*; Mexico]  
1884b. Occurrence of *Callidryas philea* Linn. and *Terias mexicana* in Wisconsin. *Papilio* 4(5/6): 113 ([22 July]) [Neotropics]  
1893. Notes on a polymorphic butterfly, *Synchlœ lacinia*, Geyer (in Hüb. Zutr.), with description of its preparatory stages. *Canadian Entomologist* 25(11): 286-291 (4 November) [egg, larva, pupa; behavior; Mexico]
- Eeley, Harriet**  
1990. See Mallet, J. L. B. et al., 1990.
- Eerde, Ellen**  
1981. Butterflies in your stomach? *R & D Mexico* Dec 1980/Jan 1981: 6-8, figs. (January) [general; bromathology; Mexico]
- Egan, Mary G.**

1997. See Brower, A. V. Z. & M. G. Egan, 1997.
- Egan, Scott P.**  
2012. See Feder, J. L. et al., 2012.  
2016. See Schuler, H. et al., 2016.
- Egewarh, Rafael**  
2007. See Sausen, C. D. et al., 2007.
- Eglitis, Andris**  
2001. See Kliejunas, J. T. et al., 2001.
- Ehret, Georg Dionysius** [1708-1770]  
1748-59. *Plantae et papiliones rariores, depictae et aeri incisae*. Heidelberg. Pls. 1-4 (1748), 5-6 (7 July 1748), 7 (1 December 1748), 8 (1748), 9-10 (12 June 1749), 11 (November 1749), 12(?), 13 (1755), 14 (1757), 15 (1759) [*Papilio, Heliconius*]
- Ehrhardt, Guillermo**  
1996. Experiencias en la captura. *Mariposas del Mundo* (Buenos Aires) 1: 18-19, 2 figs. (September) [*Morpho sulkowskyi* Kollar; host plant; Bolivia]
- Ehrlich, Anne Fitzhugh Howland** [1933- ]  
1961. See Ehrlich, P. R. & A. F. H. Ehrlich, 1961.  
1962. See Ehrlich, P. R. & A. F. H. Ehrlich, 1962.  
1963. See Ehrlich, P. R. & A. F. H. Ehrlich, 1963.  
1967. See Ehrlich, P. R. & A. F. H. Ehrlich, 1967.  
1981. See Ehrlich, P. R. & A. F. H. Ehrlich, 1981.  
1982a. See Ehrlich, P. R. & A. F. H. Ehrlich, 1982a.  
1982b. See Ehrlich, P. R. & A. F. H. Ehrlich, 1982b.
- Ehrlich, Anne Fitzhugh Howland, and Paul Ralph Ehrlich**  
1978. Reproductive strategies in the butterflies: I. Mating frequencies, plugging, and egg number. *Journal of the Kansas entomological Society* 51(4): 666-697, 4 tabs. (17 November) [general]
- Ehrlich, Paul Ralph** [1932- ]  
1954. See Gillham, N. W. & P. R. Ehrlich, 1954.  
1958a. The higher systematics of the butterflies. *Lepidopterists' News* 11(4/5): 103-106, 1 fig. (13 May) [general]  
1958b. The comparative morphology, phylogeny and higher classification of the butterflies (Lepidoptera: Papilionoidea). *University of Kansas Science Bulletin* 39(8): 305-370, 64 figs. (18 November) [general]  
1961. See Munroe, E. G. & P. R. Ehrlich, 1961.  
1962. A biting midge ectoparasitic on Arizona lycaenids. *Journal of the Lepidopterists' Society* 16(1): 20-22, 3 figs. (30 August) [*Pyrrhogyra otolais* Bates; Mexico]  
1970. See Gilbert, L. E. & P. R. Ehrlich, 1970.  
1971. See Singer, M. C. et al., 1971.  
1978. See Ehrlich, A. F. H. & P. R. Ehrlich, 1978.  
1983a. See Singer, M. C. et al., 1983.  
1983b. Save *Thermosphaeroma thermophilum*! *Natural History* (New York) 92(10): 77-83, 3 figs. (October) [book review; general]  
1984a. See Murphy, D. D. & P. R. Ehrlich, 1984.  
1984b. *The structure and dynamics of butterfly populations*, pp. 25-40. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]  
1985. See Odendaal, F. J. et al., 1985.  
1986. *Which animal will invade?*, pp. 79-95, 2 tabs. In: Mooney, H. A. & J. A. Drake (Eds.), *Ecology of biological invasions of North America and Hawaii*. New York, Springer-Verlag. [*Pieris brassicae* (Linnaeus); Chile]  
1991. See Weiss, S. B. et al., 1991.  
1993. See Singer, M. C. & P. R. Ehrlich, 1993.  
1994a. See Sparrow, H. R. et al., 1994.  
1994b. See Daily, G. C. & P. R. Ehrlich, 1994.  
1995. See Daily, G. C. & P. R. Ehrlich, 1995.  
1996a. See Austin, G. T. et al., 1996.  
1996b. See Daily, G. C. & P. R. Ehrlich, 1996.
1999. See Hughes, J. B. et al., 1999.
2001. Tropical butterflies: A key model group that can be "completed". *Lepidoptera News* 2001(2): 1, 10-12 (15 November) [general]  
2003a. See Horner-Devine, M. C. et al., 2003.  
2003b. *Butterflies, test systems, and biodiversity*, pp. 1-6. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [general]  
2004a. See Murphy, D. D. et al., 2004.  
2004b. See Hellmann, J. J. et al., 2004.  
2004c. See Wahlberg, N. et al., 2004.  
2004d. See Hanski, I. & P. R. Ehrlich, 2004.  
2005. Twenty-first century systematics and the human predicament. *Proceedings of the California Academy of Sciences* 56 (suppl. 1)(12): 130-148 (3 June) [general]  
2010. See Bonebrake, T. C. et al., 2010.  
2014. See Bonebrake, T. C. et al., 2014.  
2015a. *Butterfly nexus*, pp. 241-257, 4 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general; Neotropics]  
2015b. See Wheye, D. & P. R. Ehrlich, 2015.
- Ehrlich, Paul Ralph, and Anne Fitzhugh Howland Ehrlich**  
1961. *How to know the butterflies*. Dubuque, William C. Brown Company Publishers. [vii] + 262 pp., 525 figs. [general; host plants; life histories; distribution; new taxa: genera *Poladryas* Bauer, *Chlorostrymon* Clench, *Phaeostrymon* Clench, *Ministrymon* Clench, *Euristrymon* Clench, *Hypostrymon* Clench, *Electrostrymon* Clench, subgenera *Xamia* Clench, *Cyanophrys* Clench; Neotropics]  
1962. The head musculature of the butterflies (Lepidoptera: Papilionoidea). *Microentomology* 25(1): 1-89, figs. 1-316 (13 July) [general; Mexico, Central and South America]  
1963. The thoracic and basal abdominal musculature of the butterflies (Lepidoptera: Papilionoidea). *Microentomology* 25(2): 91-126, 99 figs. (15 August) [general; Mexico, Central and South America]  
1967. The phenetic relationships of the butterflies. I. Adult taxonomy and the nonspecificity hypothesis. *Systematic Zoology* 16(4): 301-317, 7 figs., 4 tabs. (18 December) [general]  
1981. Why butterflies? *The Amicus Journal* 2(4): 12-16, figs. [general; conservation]  
1982a. Butterfly retreat. *Defenders* 57(2): 21-27, figs. (April) [*Heliconius* spp.; Costa Rica, Trinidad]  
1982b. Lizard predation on tropical butterflies. *Journal of the Lepidopterists' Society* 36(2): 148-152, 2 figs. (24 September) [general; Brazil]
- Ehrlich, Paul Ralph, and Lawrence Edmund Gilbert**  
1973. Population structure and dynamics of the tropical butterfly *Heliconius ethilla*. *Biotropica* 5(2): 69-82, 5 figs., 4 tabs. (September) [Trinidad]
- Ehrlich, Paul Ralph, Ilkka Hanski and Carol L. Boggs**  
2004. *What have we learned?*, pp. 288-300. In: Ehrlich, P. R. & I. Hanski (Eds.), *On the wings of checkerspots. A model system for population biology*. Oxford, Oxford University Press. ([25 March]) [general]
- Ehrlich, Paul Ralph, and Peter Hamilton Raven**  
1965. Butterflies and plants: a study in coevolution. *Evolution* 18(4): 586-608, 1 tab. (28 January) [general; host plants; behavior; mimicry; Neotropics]
- Ehrlich, Paul Ralph, Helen R. Sparrow, Thomas D. Sisk and Gretchen C. Daily**  
1994. Notes on butterfly distributions in southern Costa Rica (Lepidoptera: Papilionoidea). *Tropical Lepidoptera* 5(1): 21-23 ("31 May", [17 June]) [general]

**Ehrmann, George Alexander** [1862-1926]

1895. Description of the female *Papilio pelaus* Fab. *Entomological News* 6(9): 303-304 ("November", [31 October]) [Jamaica]
1904. New forms of exotic Papilionidae. *Entomological News* 15(6): 214-215 ([4] June) [*Papilio klagesi*; Venezuela]
1907. New tropical American Hesperidae. *Canadian Entomologist* 39(9): 317-323 (16 September) [*Leucochitonea jason*, *L. janice*, *L. euphemia*, *Pamphila antenora*, *P. elenora*, *P. theodora*, *Thymele terracina*, *T. viterboana*, *T. guatemalaina*, *T. thiemei*, *T. borja*, *Goniurus triptolemus*, *G. cleopatra*, *Eumesia potomoni*; Central and South America]
1909. New species of exotic Lepidoptera. *Canadian Entomologist* 41(3): 85-87 (6 March) [*Eudamus boisduvalii*, *Achlyodes heros*; Venezuela]
1912. A new *Papilio* from Central America. *Canadian Entomologist* 44(8): 244 (6 August) [*P. chromealus*; Honduras]
- 1918a. New species and variations of butterflies. *Lepidoptera* (Boston) 2(4): 29-30 (15 April) [*Telegonus fabrici*; Venezuela]
- 1918b. Two new South American Hesperidae. *Lepidoptera* (Boston) 2(9): 66 (15 September) [*Spathilipia jsokrates*, *S. agathokles*; Venezuela]
- 1918c. New exotic Papilios. *Lepidoptera* (Boston) 2(11): 82-84 (15 November) [general; *P. thrasybulus*, *P. phormisius*; Brazil]
- 1919a. New tropical American Papilios. *Lepidoptera* (Boston) 3(2): 10-11 (15 February), (3): 21-22 (15 March) [*P. theogenus*, *P. diotimus*, *P. arnapes*, *P. critobulus*; Peru, Colombia, Guatemala]
- 1919b. A new tropical American *Papilio*. *Lepidoptera* (Boston) 3(4): 30-31 (15 April) [*P. cleostratus*; Bolivia]
- 1919c. New tropical American Papilios. *Lepidoptera* (Boston) 3(5): 36-38 (15 May) [*P. metrobates*, *P. euryptolemus*, *P. ulopus* variety *praxenus*, *P. autosilaus* variety *multesilaus*; Colombia, Trinidad, Honduras, Brazil]
- 1920a. A new tropical American *Papilio*. *Lepidoptera* (Boston) 4(2): 13-14 (February) [*P. pharnabazus*; Venezuela]
- 1920b. *Papilio pyrholochus*, nov. spec. *Lepidoptera* (Boston) 4(3): 20-21 (March) [Colombia]
- 1920c. A new species of Pierinae from Honduras. *Lepidoptera* (Boston) 4(6): 43 (June) [*Euterpia* [sic] *lorenza*]
- 1921a. New exotic Papilios. *Lepidoptera* (Boston) 5(1): 2-3 (March) [*P. thyloдилus*, *P. hozaus*; Honduras, Costa Rica]
- 1921b. Some new Papilios and *Ornithoptera*. *Lepidoptera* (Boston) 5(2): 17-19 (September) [general; *P. morrissi*, *P. ziegleri*, *P. zimmermanni*, *P. melsheimeri*; Peru, Colombia, Brazil]
1926. New species of exotic Papilionoidea. *Encyclopédie entomologique* (B) 1(2): 88-92 (10 January) [*Papilio lindenii*, *P. adloni*, *P. eversmanni*; Argentina, Ecuador, Brazil, West Indies]

**Eid, Alain, and Michel Viard**

1997. *Butterflies and moths of the World*. Edison, New Jersey, Chartwell Book. 192 pp., figs. [French ed., 1996] [general]

**Eilu, Gerald**

2011. See Laurance, W. F. et al., 2011.

**Eimer, Gustav Heinrich Theodor** [1843-1898]

1889. *Die Artbildung und Verwandtschaft bei den Schmetterlingen. Eine systematische Darstellung der Abänderungen, Abarten und Arten der Segelfalter-ähnlichen Formen der Gattung Papilio*. Jena, Gustav Fischer. xii + 243 pp., 4 pls., 23 figs. ([before May]) [general; morphology; new taxa: *Papilio agesilaus* aberration *septemlineatus*, *P. protesilaus rubrocinctus*, *P. p. r. archesilaus*, *P. p. r. macrosilaus*, *P. p. r. archesilaus*

*glaucolaus*, *P. philolaus* variety *ajax*, *P. p. nigrescens*, *P. p.* female form *niger*; Mexico, Central and South America]

**Eimer, Gustav Heinrich Theodor, and Karl Rudolph Dietrich Fickert**

1895. *Die Artbildung und Verwandtschaft bei den Schmetterlingen. II. Theil. Eine systematische Darstellung der Abänderungen, Abarten und Arten der Schwalbenschwanz-ähnlichen Formen der Gattung Papilio*. Jena, Gustav Fischer. viii + 153 pp.; 7 figs.; Atlas: pls. 5-8 ([before November]) [general; morphology; larvae, pupae, imagines; mimicry; Neotropics]
1897. *Orthogenesis der Schmetterlinge. Ein Beweis bestimmt gerichteter Entwicklung und Ohnmacht der natürlichen Zuchtwahl bei der Artbildung. Zugleich eine Erwiderung an August Weismann*. Leipzig, Wilhelm Engelmann. xvi + 513 pp., 2 pls., 235 figs. [general; morphology; mimicry]

**Einem, Gerald E.**

2001. Behavior of Juno Silverspot, *Dione juno huascama* [sic], larvae: wood eating? *News of the Lepidopterists' Society* 43(4): 114-115, 4 figs. (1 December) [host plant; Mexico]
2003. Fall migration of queens, *Danaus gilippus strigosus* Bates, in Mexico and Texas. *News of the Lepidopterists' Society* 45(2): 39-40, 47, 2 figs., 1 map (15 July)
- 2004a. Unusual behavior of julia butterflies, *Dryas iulia* (Fabricius), feeding at lantana fruit. *News of the Lepidopterists' Society* 46(1): 5, 10-11, 14-15, 1 fig. (1 April) [Mexico]
- 2004b. Oviposition and early stages of pink-spotted swallowtail, *Papilio rogeri*, in Mexico. *News of the Lepidopterists' Society* 46(2): 41, 52, 58, 4 figs. (15 June) [life history; host plant]
- 2004c. Attraction of male queen butterflies to cardenolide- and alkaloid-containing plants during fall migrations. *News of the Lepidopterists' Society* 46(3): 94-97, 4 figs. (15 September) [*Danaus gilippus strigosus* (Bates); Mexico]
2005. Banded compound eye of butterflies: Structure and function, a brief review of some thoughts. *News of the Lepidopterists' Society* 47(3): 80-82, 84, 3 figs. (1 October) [general]
2007. Mating yellow angled-sulphur butterflies: A remarkable mating duration. *News of the Lepidopterists' Society* 49(4): 128, 140, 1 fig. (5 December) [*Anteos maerula* (Fabricius); behavior; Mexico]

**Einem, Gerald E., and William Adkins**

2010. Observations of diurnal gregarious roosting in the butterfly *Smyrna blomfieldia* Fabricius (Nymphalidae: Nymphalinae) in western Mexico. *News of the Lepidopterists' Society* 52(3): 96-100, 3 figs. (31 October) [behavior]
2014. *Adelpha phylaca phylaca* (H. W. Bates) (Nymphalidae: Limnithidinae [sic]) in Mexico: immature stages, biology and behavior. *News of the Lepidopterists' Society* 56(2): 63-67, 4 figs. (27 May) [larva, pupa, adult; host plant; behavior]
2015. Species diversity and temporal distribution in a community of fruit-feeding Nymphalidae in a west Mexican neotropical garden. *News of the Lepidopterists' Society* 57(4): 163-172, 2 + 23 figs., 3 tabs. (17 November) [general]

**Eisele, Robert C.**

1975. Catalogo de los ropaloceros argentinos, by Kenneth J. Hayward. *Journal of the Lepidopterists' Society* 29(3): 196-197 (26 September) [general; review]
1986. *Eurema nise* in Jamaica. *Journal of the Lepidopterists' Society* 39(3): 238 (13 May)
1988. See Johnson, K. D. et al., 1988.
1990. See Johnson, K. D. et al., 1990.
1992. See Johnson, K. D. et al., 1992.
1993. See Johnson, K. D. et al., 1993.

2000. See Bálint, Z. et al., 2000.
- Eiselt, Johann Nepomuk** [1805-1868]
1836. *Geschichte, Systematik und Literatur der Insektenkunde, von den ältesten Zeiten bis auf die Gegenwart, Als Handbuch für den Jünger und als Repertorium für den Meister der Entomologie*. Leipzig, C. H. F. Hartmann. viii + 256 pp. [general]
- Eisner, Curt** [1890-1981]
1962. Parnassiana nova. XXXII. Nachträgliche Betrachtungen zu der Revision der Subfamilie Parnassiinae (Fortsetzung). *Zoologische Mededeelingen* 38(7): 105-128 (30 March) [*Baronia brevicornis* new female forms *pallida* and *argentea*; Mexico]
1966. Parnassiidae-Typen in der Sammlung J. C. Eisner. *Zoologische Verhandlungen* 81: 1-190, frontisp., 84 pls. (15 June) [*Baronia brevicornis* form *gehleni* Bryk; Mexico]
1974. Parnassiana nova XLIX. Die Arten und Unterarten der Baroniidae, Teinopalpidae und Parnassiidae (erster Teil). *Zoologische Verhandlungen* 135: 1-96 (24 October) [general; new form: *Baronia brevicornis parvisubmarginalis*; Mexico]
- Eisner, Thomas** [1929-2011]
1966. See Meinwald, J. et al., 1966.
1969. See Pliske, T. E. & T. Eisner, 1969.
1972. See Ghiradella, H. T. et al., 1972.
2003. Living fossils: On lampreys, *Baronia*, and the search for medicinals. *BioScience* 53(3): 265-269, 2 figs. (1 March) [host plant; distribution; mimicry; Mexico]
- Eisner, Thomas, Arnold F. Kluge, M. I. Ikeda, Yvonne C. Meinwald and Jerrold Meinwald**
1971. Sesquiterpenes in the osmeterial secretion of a papilionid butterfly, *Battus polydamas*. *Journal of Insect Physiology* 17(2): 245-250, 2 figs., 1 tab. (February)
- Eisner, Thomas, and Jerrold Meinwald**
1987. *Alkaloid-derived pheromones and sexual selection in Lepidoptera*, pp. 251-269, 5 figs. In: Prestwich, G. D. & G. J. Blomquist (Eds.), *Pheromone Biochemistry*. Orlando, Academic Press, Inc. [*Lycorea ceres* (Cramer); Trinidad]
- Eisner, Thomas, Jerrold Meinwald and John Hildebrand**
2004. Bugs, behavior, and biomolecules: The naturalists's guide to the future. *Bulletin of the American Academy of Arts and Sciences* 57(4): 26-31, 9 figs. [*Lycorea ceres* (Cramer); Trinidad]
- Eisner, Thomas, Thomas Edward Pliske, M. I. Ikeda, Denis F. Owen, Leonila Vázquez, Héctor Pérez, John G. Franclemont and Jerrold Meinwald**
1970. Defensive mechanisms of arthropods. XXVII. Osmeterial secretions of papilionid caterpillars (*Baronia*, *Papilio*, *Eurytides*). *Annals of the entomological Society of America* 63(3): 914-915, 1 tab. (May) [general; biochemistry]
- Eisner, Thomas, Robert Elliot Silberglied, Daniel Joseph Aneshansley, James E. Carrel and Howard C. Howland**
1969. Ultraviolet video-viewing: the television camera as an insect eye. *Science* 166(3909): 1172-1174, 2 figs. (28 November) [Pieridae; Neotropics]
- Eitschberger, Ulf**
1983. Systematische Untersuchungen am *Pieris napi-bryoniae*-Komplex (s.l.) (Lepidoptera, Pieridae). *Herbipoliana* 1(1): xxii + 504 pp., figs., maps; (2): 601 pp., pls., figs. ([31 December]) [*Theochila maenacte* (Boisduval); Brazil]
1994. Smith, D. S., Miller, L. D. & J. Y. Miller: The Butterflies of the West Indies and South Florida. *Atalanta* 25(1/2): 214 (19 August) [general; book review]
2000. Verhulst, J. T.: Les *Colias* du Globe. Monograph of the genus *Colias*. 2000. *Atalanta* 31(3/4): 575-576 (December) [general; book review]
2002. Le Crom, J. F., Constantino, L. M. & J. A. Salazar: Butterflies of Colombia. Vol. 1: Papilionidae. 2002. *Atalanta* 33(3/4): 429 (December) [general; book review]
2003. Die Auswertung der Rhopalocera- und Heterocera-Ausbeute, gesammelt von Dr. Anton Egger. *Neue entomologische Nachrichten* 54: 17-45, pls. 3-5, 4 pls., 6 figs. (April) [general; Guatemala]
2004. Willmott, K. R.: The genus *Adelpha*. Its systematics, biology and biogeography (Lepidoptera: Nymphalidae: Limenitidinae). *Atalanta* 35(1/2): 50 (July) [book review]
- Eitschberger, Ulf, and Tommaso Racheli**
1998. *Catasticta* studies (Lepidoptera: Pieridae). *Neue entomologische Nachrichten* 41: 4-94, frontisp., 20 pls., 4 figs. (November) [new taxa: *C. nimbece ligata*, *C. flisa melanisa*, *C. f. archofflisa*, *C. f. briseis*, *C. f. flisoides*, *C. f. duna*, *C. sisamnus smalli*, *C. s. merida*, *C. prioneris estancia*, *C. p. araguana*, *C. ctemene grisella*, *C. c. mariae*, *C. teutamis moyobamba*, *C. phamakia styx*, *C. ludovici*, *C. radiata julita*, *C. sella*, *C. s. doghini*, *C. frontina muehlei*, *C. f. zamorana*, *C. philone patinoi*, *C. p. stabilis*, *C. suasa pacis*, *C. nimbata pleione*, *C. n. philobata*, *C. anaitis felicitas*, *C. rileyi yanganza*, *C. susiana sebundoia*, *C. s. galbinea*, *C. chelidonis taminoides*, *C. ferra ferruginosa*, *C. f. putumayo*, *C. f. orcus*, *C. philais borgesii*, *C. pinava lucida*, *C. incerta concerta*, *C. manco capac*, *C. m. reissingeri*, *Hesperochoia poujadei lamasi*, *H. chrysolopha adamsi*, *H. cora atahuallpa*, *H. tomyris myris*, *H. t. subtamina*, *Leodontoia socorrensis cotopaxiensis*, *L. marcapita paucartambo*, *L. semiramis salomon*, *L. amastris striata*, *L. a. batesi*, *L. cinerea substituta*, *L. c. coeruleascens*, *L. c. laurentina*, *L. uricoecheae rodriguezii*, *L. u. koenigi*; Central and South America]
- Eland, Cathlene**
2012. See Dasmahapatra, K. K. et al., 2012.
- Elbaz, Abdelrahman, Bingbing Gao, Zhenzhu He and Zhongzhe Hu**
2018. Hepatocyte aggregate formation on chitin-based anisotropic microstructures of butterfly wings. *Biomimetics* 3(1)(2): 1-11, 7 figs. (18 January) [*Morpho menelaus* (Linnaeus); morphology]
- Elbaz, Abdelrahman, Jie Lu, Bingbing Gao, Fuyin Zheng, Zhongde Mu, Yuanjin Zhao and Zhongze Gu**
2017. Chitin-based anisotropic nanostructures of butterfly wings for regulating cells orientation. *Polymers* 9(9)(386): 1-10, 5 figs. (September; published online 23 August) [*Morpho menelaus* (Linnaeus); morphology]
- Elera, Casto de** [1852-1903]
1895. *Catálogo Sistemático de toda la Fauna de Filipinas conocida hasta el presente, y á la vez el de la colección zoológica del museo de PP. Dominicanos del Colegio-Universidad de Santo Tomás de Manila, escrito con motivo de la Exposición Regional Filipina. Volumen II. Articulados*. Manila, Imprenta del Colegio de Santo Tomás. [iv] + 676 pp. [general; Neotropics]
- Elia, Frank C.**
1994. *Feeding butterflies in a butterfly display*, pp. 139-146, 1 tab. In: *Invertebrates in Captivity 1994*. Tucson, Sonoran Arthropod Studies Institute. [general]
1995. See Weissmann, M. J. et al., 1995.
- Elias, Marianne**
- 2010a. See Dasmahapatra, K. K. et al., 2010a.
- 2010b. See Silva, D. L. de et al., 2010.
- 2011a. See Gompert, Z. et al., 2011.
- 2011b. See Willmott, K. R. et al., 2011.



2012. See Hill, R. I. et al., 2012.
- 2014a. See Chazot, N. et al., 2014.
- 2014b. See McClure, M. et al., 2014.
- 2016a. See Silva, D. L. de et al., 2016.
- 2016b. See Chazot, N. et al., 2016a.
- 2016c. See Chazot, N. et al., 2016b.
- 2016d. See McClure, M. & M. Elias, 2016.
- 2016e. See Chazot, N. et al., 2016c.
- 2016f. See Arias, M. M. et al., 2016c.
- 2017a. See McClure, M. & M. Elias, 2016.
- 2017b. See Silva, D. L. de et al., 2017.
- 2017c. See Willmott, K. R. et al., 2017b.
- 2017d. See Aubier, T. G. et al., 2017.
- 2018a. See McClure, M. et al., 2018.
- 2018b. See Chazot, N. et al., 2018.
- 2018c. See Debat, V. et al., 2018.
- 2018d. See Gruson, H. et al., 2018.
- 2019a. See McClure, M. et al., 2019a.
- 2019b. See Arias, M. M. et al., 2019.
- 2019c. See McClure, M. et al., 2019b.
- 2019d. See Chazot, N. et al., 2019a.
- 2019e. See Stamm, P. et al., 2019.
- Elias, Marianne, Zachariah Gompert, Christopher David Jiggins and Keith Richard Willmott**
2008. Mutualistic interactions drive ecological niche convergence in a diverse butterfly community. *PLoS Biology* 6(12)(e300): 2642-2649, 2 figs., 2 tabs. (2 December) [Ithomiinae; Ecuador]
- Elias, Marianne, Zachariah Gompert, Keith Richard Willmott and Christopher David Jiggins**
- 2009b. Phylogenetic community ecology needs to take positive interactions into account. Insights from colorful butterflies. *Communicative & Integrative Biology* 2(2): 113-116, 2 figs. (April) [Ithomiinae; Ecuador]
- Elias, Marianne, Ryan I. Hill, Keith Richard Willmott, Kanchon Kumar Dasmahapatra, Andrew Van Zandt Brower, James Louis Borlase Mallet and Christopher David Jiggins**
2007. Limited performance of DNA barcoding in a diverse community of tropical butterflies. *Proceedings of the royal Society of London (B)* 274(1627): 2881-2889, 2 figs., 1 tab. (22 November; published online 4 September) [general; Ithomiinae; Ecuador]
- Elias, Marianne, and Mathieu Joron**
2015. Mimicry in *Heliconius* and Ithomiini butterflies: The profound consequences of an adaptation. *BIO Web of Conferences* 4(8): 1-15, 10 figs. (published online 24 June) [general]
- Elias, Marianne, Mathieu Joron, Keith Richard Willmott, Karina Lucas Silva-Brandão, Vera B. Kaiser, Carlos Francisco Arias, Luz Miryam Gómez, Sandra Inés Uribe, Andrew Van Zandt Brower, André Victor Lucci Freitas and Christopher David Jiggins**
- 2009a. Out of the Andes: patterns of diversification in clearwing butterflies. *Molecular Ecology* 18(8): 1716-1729, 3 figs., 1 tab. (April; published online 1 April) [Ithomiinae; biogeography; South America]
- Eliazar, Peter Jaap [1953-2017]**
1992. See Brown, K. S., Jr. et al., 1992.
1995. See Emmel, T. C. et al., 1995.
- Eliot, John Nevill [1912-2003]**
1973. The higher classification of the Lycaenidae (Lepidoptera): a tentative arrangement. *Bulletin of the british Museum of natural History (Entomology)* 28(6): 373- 506, 6 pls., 162 figs., 4 tabs. (20 September) [general; Neotropics]
2002. See Tilley, R. J. D. & J. N. Eliot, 2003.
- Eliot, John Nevill, and Akito Kawazoé**
1983. *Blue butterflies of the Lycaenopsis group*. London, British Museum (Natural History). 309 pp., 560 figs. [*Celastrina argiolus echo* (Edwards), *C. a. cinerea* (Edwards), *C. a. gozora* (Boisduval); Mexico, Central America]
- Eliot, Nevill [1880-1957]**
1946. Continental drift and *Precis lavinia*. *Entomologist* 79(1001): 225-228 (8 October)
- 1947a. More on continental drift, *Precis lavinia* Hb. and *P. villida* F. *Entomologist* 80(1013): 230-234 (10 October)
- 1947b. More on continental drift, *Precis lavinia* Hb. and *P. villida* F.: a postscript. *Entomologist* 80(1015): 283 (31 December)
1949. The significance of the wing pattern of *Precis* (Nymphalidae) in America. *Entomologist* 82(1035): 176-184 (17 August)
- Eller, Karl**
- 1939a. Fragen und Probleme zur Zoogeographie und zur Rassen- und Artbildung in der *Papilio machaon*-Gruppe. *Verhandlungen VII. internationaler Kongress für Entomologie* (Berlin) 1: 74-101, 11 figs., 1 tab. (11 April) [Central and South America]
- 1939b. Versuch einer historischen und geographischen Analyse zur Rassen- und Artbildung (Auf Grund von Untersuchungen in der *Papilio machaon*-Gruppe Lep. Rhop.). *Zeitschrift für induktive Abstammungs- und Vererbungslehre* 77(1): 135-171, 25 figs., 1 tab. [Central and South America]
- Ellington, Charles Porter [1952-2019]**
1999. See Srygley, R. B. & C. P. Ellington, 1999.
- Elliott, Nancy B. [1946- ]**
- [1984?]. *Field Guide to the Insects of San Salvador Island, Bahamas*. Bahamas, San Salvador, College Center of the Finger Lakes, San Salvador Field Station. [4] + 33 pp., figs. [general]
1993. *Field guide to the insects of San Salvador island, Bahamas*. San Salvador, Bahamian Field Station. [Ed. 2] v + 39 pp., figs. (1 October) [general]
- 2001a. See Rathcke, B. J. et al., 2001a.
- 2001b. See Rathcke, B. J. et al., 2001b.
- Elliott, Nancy B., D. Riley and Harry Kendon Clench**
1980. Annotated list of butterflies of San Salvador Island, Bahamas. *Journal of the Lepidopterists' Society* 34(2): 120-126, 1 fig. (23 September) [general]
- Ellis, Mike**
2008. See Inclán, D. J. et al., 2008.
- Ellison, Aaron M.**
1991. See Farnsworth E. J. & A. M. Ellison, 1991.
- Ellison, Aaron M., and Elizabeth J. Farnsworth**
1996. Spatial and temporal variability in growth of *Rhizophora mangle* saplings on coral cays: links with variation in insolation, herbivory, and local sedimentation rate. *Journal of Ecology* 84(5): 717-731, 6 figs., 5 tabs. (October) [*Phocides pigmalion* (Cramer); host plant; Belize]
- Ellison, Robert Eldon [1895-1959]**
1951. [A note]. *Proceedings and Transactions of the South London entomological and natural History Society* 1950-51: 28-29. [general; mimicry; Panama]
- Ellwood, Christine V., and Julie M. V. Harvey**
1990. The Lady Blake Collection: Catalogue of Lady Edith Blake's collection of drawings of Jamaican Lepidoptera and plants. *Bulletin of the British Museum (Natural History) (Historical Series)* 18(2): 145-202, figs. (29 November) [general; life histories; host plants]
- Elmes, Graham W. [1943- ], Jeremy Ambler Thomas, Miguel López Munguira and Konrad Fiedler**

2001. Larvae of lycaenid butterflies that parasitize ant colonies provide exceptions to normal insect growth rules. *Biological Journal of the Linnean Society* 73(3): 259-278, 2 figs., 3 tabs. ([18] July) [*Eumaeus minyas* (Hübner), *E. debora* (Geyer); evolution; Mexico]
- Elmqvist, Thomas**  
1985. See Hedström, L. I. & T. Elmqvist, 1985.
- El Ottra, Juliana Hanna Leite, José Rubens Pirani and Emerson Ricardo Pansarin**  
2016. Floral biology and pollination of two sympatric species of Galipeinae (Galipeeae, Rutaceae) endemic to the Brazilian Atlantic Forest. *Flora* (Jena) 221: 107-116, 2 figs., 3 tabs. (May; published online 30 December 2015) [general; Brazil]
- Elpino-Campos, Ábner**  
2012a. Feeding behavior of *Heliconius erato phyllis* (Fabricius) (Lepidoptera: Nymphalidae) larvae on passion vines. *Acta ethologica* 15(1): 107-118, 7 figs., 2 tabs. (April; published online 21 October 2011) [host plants; Brazil]  
2012b. See Schmidt, D. G. et al., 2012.
- Elsner, Erwin**  
2017. Monarchs and milkweed: A migrating butterfly, a poisonous plant, and their remarkable story of coevolution. Anurag Agrawal. 2017. *American Entomologist* 63(3): 197, 1 fig. (11 September) [general; book review]
- Elster, Carola, Laura Perdomo, Jaime Polanía and Marie-Luise Schnetter**  
1999. Control of *Avicennia germinans* recruitment and survival by *Junonia evarete* larvae in a disturbed mangrove forest in Colombia. *Journal of tropical Ecology* 15(6): 791-805, 5 figs. (November) [host plant]
- Eltringham, Harry** [1873-1941]  
1916a. Relationships in the genus *Heliconius*. *Proceedings of the entomological Society of London* 1916(2): xlvii-xlviii (5 April) [general]  
1916b. On specific and mimetic relationships in the genus *Heliconius*, L. *Transactions of the entomological Society of London* 1916(1): 101-148, pls. 11-17, 2 tabs. (16 August) [general]  
1916c. See Jordan, H. E. K. & H. Eltringham, 1916.  
1923. *Butterfly lore*. Oxford, Clarendon Press. 180 pp., 1 pl., 52 figs. [general; eggs, larvae, pupae, imagines; morphology; anatomy; physiology; ecology; mimicry]  
1924. A new scent organ in the genus *Opsiphanes*. *Entomologist* 57(731): 94-95, 1 fig. (April) [review]  
1925. On the abdominal glands in *Heliconius* (Lepidoptera). *Transactions of the entomological Society of London* 1925(1/2): 269-275, pl. 33 (7 August) [general]  
1926a. On the abdominal glands in *Colaenis*, *Dione* and *Eueides* (Lepidoptera). *Transactions of the entomological Society of London* 74(2): 263-268, pl. 72 (21 December) [general]  
1926b. A new organ in the abdomen of *Eryphanis polyxena*, Meerb. (Lepidoptera). *Transactions of the entomological Society of London* 74(2): 367-369, pl. 84 (21 December)  
1929. On the scent organs of *Opsiphanes cassiae lucillus*, Fruhst. (Lepidoptera, Brassolidae). *Transactions of the entomological Society of London* 77(1): 1-4, pl. 1 (31 July)  
1933. *The senses of insects*. London, Methuen & Co. Ltd. ix + 126 pp., 25 figs. [general; anatomy; morphology; physiology]
- Eltringham, Harry, and Heinrich Ernst Karl Jordan**  
1913. Nymphalidae: Subfam. Acraeinae. *Lepidopterorum Catalogus* 11: 1-65 (31 March)
- Elwes, Henry John** [1846-1922]  
1880. On the genus *Colias*. *Transactions of the entomological Society of London* 1880(3): 132-146 (12 October) [general; Neotropics]
1884. Additional notes on the genus *Colias*. *Transactions of the entomological Society of London* 1884(1): 1-26 (14 May) [general; Neotropics]
1886. On butterflies of the genus *Parnassius*. *Proceedings of the zoological Society of London* 1886(1): 6-53, pls. 1-4 (June) [general; Argentina]
1889. Notes on the genus *Erebia*. *Transactions of the entomological Society of London* 1889(2): 317-342 (27 June) [general; Argentina, Chile]
1890. A revision of the genus *Argynnis*. *Transactions of the entomological Society of London* 1889(4): 535-575, 4 figs. (9 January) [general; Argentina, Chile]
1895. [The geographical distribution of butterflies]. *Proceedings of the entomological Society of London* 1894(6): lii-lxxxiv (7 February) [general]
1903. The butterflies of Chile. *Transactions of the entomological Society of London* 1903(3): 263-301, pls. 12-15 (5 October) [general; new species: *Elna calvertii*, *Neomoenas (?) inornata*]
1930. *Memoirs of travel, sport, and natural history*. London, Ernest Benn Limited. 317 pp., frontisp., 17 pls. [general; Chile]
- Ely e Silva, Eduardo José**  
2003. See Krüger, C. P. & E. J. Ely e Silva, 2003.
- Emelianov, Igor**  
2005. See Jiggins, C. D. et al., 2005a.
- Emery, Eduardo de Oliveira**  
2006. See Pinheiro, C. E. G. & E. de O. Emery, 2006.  
2007. See Pinheiro, C. E. G. & E. de O. Emery, 2007.  
2008. See Mielke, O. H. H. et al., 2008.  
2010a. See Freitas, A. V. L. et al., 2010.  
2010b. See Pinheiro, C. E. G. et al., 2010.
- Emery, Eduardo de Oliveira, Keith Spalding Brown, Jr. and Carlos Eduardo Guimarães Pinheiro**  
2006. As borboletas (Lepidoptera, Papilionoidea) do Distrito Federal, Brasil. *Revista brasileira de Entomologia* 50(1): 85-92, 2 tabs. (31 March) [general]
- Emlen, Douglas J.**  
2011. See Hartfelder, K. H. & D. J. Emlen, 2011.
- Emmel, John F.**  
1973a. See Shields, A. O. & J. F. Emmel, 1973.  
1973b. See Emmel, T. C. & J. F. Emmel, 1973.  
1982. See Ferris, C. D. & J. F. Emmel, 1982.  
1990. See Emmel, T. C. & J. F. Emmel, 1990.  
1997. See Mattoni, R. H. T. et al., 1997.  
1998a. See Pratt, G. F. & J. F. Emmel, 1998.  
1998b. See Austin, G. T. & J. F. Emmel, 1998a.  
1998c. See Austin, G. T. & J. F. Emmel, 1998b.  
2008. See Pratt, G. F. & J. F. Emmel, 2008.
- Emmel, John F., and Thomas Chadbourne Emmel**  
1966. A new *Papilio* from the Mojave Desert of California (Lepidoptera: Papilionidae). *Entomological News* 77(3): 57- 63, 2 figs. (25 February) [general; *P. indra martini*; Mexico]  
1998. A new subspecies of the Giant Skipper *Megathymus yuccae* from San Diego County, California (Lepidoptera: Hesperidae: Megathyminae), pp. 763-766, 4 figs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [*M. y. harbisoni*; Mexico]
- Emmel, John F., Thomas Chadbourne Emmel and Sterling O. Mattoon**  
1998a. *The types of California butterflies named by Jean Alphonse Boisduval: Designation of lectotypes and a*

- neotype, and fixation of type localities, pp. 3-76, 269 figs., 4 tabs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [general; Mexico]
- 1998b. *The types of California and Nevada butterflies named by Cajetan and Rudolph Felder: Designation of lectotypes and fixation of type localities*, pp. 87-94, 33 figs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [general; Mexico]
- 1998c. *New subspecies of Pieridae (Lepidoptera) from California, Nevada, and Baja California*, pp. 127-138, 24 figs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [*Anthocharis cethura bajacalifornica*, *A. lanceolata desertolimbus*; Mexico]
- Emmel, Thomas Chadbourne** [1941-2018]
1962. Spring collecting in Mexico: the Gomez Farias region of Southwestern Tamaulipas. *Journal of the Lepidopterists' Society* 15(3): 197-199 (21 March) [general]
1963. *Colias philodice* in Chiapas, Mexico. *Journal of Research on the Lepidoptera* 1(3): 194 ([6 April]) [distribution; Guatemala]
1966. See Emmel, J. F. & T. C. Emmel, 1966.
- 1969a. Taxonomy, distribution and biology of the genus *Cercyonis* (Satyridae). I. Characteristics of the genus. *Journal of the Lepidopterists' Society* 23(3): 165-175, 1 tab., 1 map (24 September) [classification; ecology; distribution; Mexico]
- [1969]b. Methods for studying the chromosomes of Lepidoptera. *Journal of Research on the Lepidoptera* 7(1): 23-28, 3 figs. ("March 1968", [before 15 September 1969]) [general; Neotropics]
1970. The population biology of the Neotropical satyrid butterfly *Euptychia hermes*. I. Interpopulation movement, general ecology, and population sizes in lowland Costa Rica (dry season, 1966). *Journal of Research on the Lepidoptera* 7(3): 153-165, 4 figs., 2 tabs. ([before 2 July])
- 1971a. Symbiotic relationship of an Ecuadorian skipper (Hesperiidae) and *Maxillaria* orchids. *Journal of the Lepidopterists' Society* 25(1): 20-22, 2 figs. (23 February) [*Perichares philetus dolores* (Reakirt)]
- 1971b. See Miller, L. D. & T. C. Emmel, 1971.
- 1972a. 1971 field season summary. Zone 10: South America. *News of the Lepidopterists' Society* 1972(2): 16 (15 March) [general; Ecuador, Guyana]
- 1972b. Mate selection and balanced polymorphism in the tropical nymphalid butterfly, *Anartia fatima*. *Evolution* 26(1): 96-107, 3 figs., 5 tabs. (31 March) [ecology; behavior; mimicry; Costa Rica]
- [1972]c. *The butterflies of Costa Rica: Major groups and common or notable species*, 25.4: 1-4. In: Schnell, C. E. (Ed.), *Handbook for Tropical Biology in Costa Rica*. Organization for Tropical Studies. [general]
- [1972]d. *Key to the Heliconiinae of Costa Rica*, 25.5: 1-3, 1 fig. In: Schnell, C. E. (Ed.), *Handbook for Tropical Biology in Costa Rica*. Organization for Tropical Studies. [general]
- 1973a. The 1972 field season summary. Zone 10: South America. *News of the Lepidopterists' Society* 1973(2): 19 (15 March) [general; Colombia, Ecuador, Brazil]
- 1973b. On the nature of the polymorphism and mate selection phenomena in *Anartia fatima* (Lepidoptera: Nymphalidae). *Evolution* 27(1): 164-165 (28 March) [ecology; behavior; Costa Rica]
- 1973c. See Benson, W. W. & T. C. Emmel, 1973.
- 1973d. *An introduction to Ecology and Population Biology*. New York, W. V. Norton & Company, Inc. xii + 196 pp., figs. [general]
1974. The 1973 field season summary. Zone 10: South America. *News of the Lepidopterists' Society* 1974(2): 16-18 (25 June) [general; Ecuador, Brazil]
- 1975a. See Wesley, D. J. & T. C. Emmel, 1975.
- 1975b. Additions to the 1974 season summary. Zone 10 (South America). *News of the Lepidopterists' Society* 1975(4): 3 (1 August) [general; Ecuador]
- 1975c. Adaptation on the wing. *Natural History* (New York) 84(8): 82-93, figs. (August) [general; ecology; behavior; mimicry; life histories; Neotropics]
- 1975d. *Butterflies. Their world, their life cycle, their behavior*. New York, Alfred A. Knopf. 260 pp., 302 figs., maps. [general; morphology; zoogeography; conservation]
- [1976]a. The butterfly faunas of San Andres and Providencia Islands in the Western Caribbean. *Journal of Research on the Lepidoptera* 14(1): 49-56, 1 map ("March 1975", [before 17 February 1976]) [general]
- 1976b. The 1975 field season summary. Zone 10: South America. *News of the Lepidopterists' Society* 1976(2): [17]-[18] (15 May) [general]
1977. A field guide to the butterflies of the West Indies. By Norman D. Riley. 1975. *Quarterly Review of Biology* 52(2): 218 (June) [book review]
1984. Butterflies of South America. D'Abrera, Bernard. *Journal of Research on the Lepidoptera* 23(2): 171-172 (31 December) [book review; general]
- 1989a. Zone 13. South America, pp. 35-37. In: 1988 Season Summary. *News of the Lepidopterists' Society* 1989(2): 13-37 (March-April) [general; Ecuador]
- 1989b. Mariposas mexicanas. Guia para su colecta y determinacion. Roberto de la Maza Ramirez. 1987. *Journal of Research on the Lepidoptera* 27(2): 145-146 (15 July) [general; book review]
- 1989c. The incredible butterfly diversity of the Rondonian rain forest in Brazil: a phenomenon soon to disappear. *News of the Lepidopterists' Society* 1989(4): 53-55, 7 figs. (July-August) [general]
- 1990a. Butterfly World takes off flying. *News of the Lepidopterists' Society* 1990(1): 3-6, 12 figs. (January-February) [general; Neotropics]
- 1990b. See Urich, F. C. & T. C. Emmel, 1990a.
- 1990c. See Urich, F. C. & T. C. Emmel, 1990b.
- 1991a. Butterfly diversity and conservation in the Rondonian rain forest of Brazil: A progress report on the new reserve. *News of the Lepidopterists' Society* 1991(3): 45-47, 8 figs. (May-June) [general]
- 1991b. Atlas de las mariposas diurnas de Cuba (Lepidoptera: Rhopalocera) by Pastor Alayo D. and Luis R. Hernández. 1987. *Tropical Lepidoptera* 2(2): 114 ([31] December) [book review; general]
- 1991c. See Urich, F. C. & T. C. Emmel, 1991a.
- 1991d. Sarapiquí chronicle: A naturalist in Costa Rica, by Allen M. Young. 1991. *Tropical Lepidoptera* 2(2): 140 ([31] December) [general; book review]
- 1991e. See Urich, F. C. & T. C. Emmel, 1991b.
- 1991f. See Urich, F. C. & T. C. Emmel, 1991c.
- 1991g. Lepidopterofauna de Guerrero I: Distribución y fenología de los Papilionoidea de la Sierra de Atoyac, by Isabel Vargas Hernández, Jorge E. Llorente Bousquets, and Moisés Armando Luis Martínez. 1991. Lepidopterofauna de Oaxaca I: Distribución y fenología de los Papilionoidea de la Sierra de Juárez, by Moisés Armando Luis Martínez, Isabel Vargas Hernández, and Jorge E. Llorente Bousquets. 1991. *Tropical Lepidoptera* 2(2): 150 ([31] December) [general; Mexico; book reviews]
- 1991h. A note on the life history of *Dynastor napoleon* in southern

- Brazil (Lepidoptera: Nymphalidae: Brassoliniinae). *Tropical Lepidoptera* 2(2): 151-153, 1 fig. ([31] December) [larva, imago]
- 1992a. Butterflies of Baja California: Faunal survey, natural history, conservation biology, by John W. Brown, Herman G. Real, and David K. Faulkner. 1992. *Tropical Lepidoptera* 3(2): 130 ([18] December) [general; Mexico; book review]
- 1992b. The Lepidoptera of Bermuda: Their foodplants, biogeography, and means of dispersal, by D. C. Ferguson, D. J. Hil-burn, and B. Wright. 1991. *Tropical Lepidoptera* 3(2): 134 ([18] December) [general; book review]
- 1992c. The development and evolution of butterfly wing patterns, by H. Frederik Nijhout. 1991. *Tropical Lepidoptera* 3(2): 155-156 ([18] December) [general; book review]
- 1992d. See Brown, K. S., Jr. et al., 1992.
- 1993a. See Garraway, E. et al., 1993.
- 1993b. See Minno, M. C. & T. C. Emmel, 1993.
- 1994a. Butterflies of Baja California: Faunal survey, natural history, conservation biology, by John W. Brown, Herman G. Real, and David K. Faulkner. 1992. *Journal of the Lepidopterists' Society* 47(4): 345-347 (7 January) [general; Mexico; book review]
- 1994b. Il genere *Battus* : Tassonomia e Storia Naturale by Tommaso Racheli and Lorraine Parisat [sic]. 1992. *Tropical Lepidoptera* 5(1): 8 ("31 May", [17 June]) [general; book review]
- 1994c. Insects of Panama and Mesoamerica: Selected studies. Edited by Diomedes Quintero and Annette Aiello. 1992. *Tropical Lepidoptera* 5(1): 24 ("31 May", [17 June]) [general; book review]
- 1994d. Conservation Biology of Lycaenidae (butterflies) edited by T. R. New. 1993. *Tropical Lepidoptera* 5(1): 28 ("31 May", [17 June]) [general; book review]
- 1995a. *Saving endangered swallowtails: The conservation biology of Papilio aristodemus ponceanus in Florida and P. homerus in Jamaica*, pp. 359-369, 2 figs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers.
- 1995b. See Sourakov, A. & T. C. Emmel, 1995a.
- 1995c. See Sourakov, A. & T. C. Emmel, 1995b.
- 1996a. See Austin, G. T. & T. C. Emmel, 1996.
- 1996b. See Sourakov, A. & T. C. Emmel, 1996.
1997. *Florida's fabulous butterflies*. Tampa, World Publications. 96 pp., figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1998a. See Emmel, J. F. et al., 1998a.
- 1998b. See Emmel, J. F. et al., 1998b.
- 1998c. See Emmel, J. F. et al., 1998c.
- 1998d. See Emmel, J. F. & T. C. Emmel, 1998.
- 1998e. Mariposas del Ecuador. Vol. 1. Géneros, by Francisco Piñas-Rubio, S.J., and Iván Manzano-Pesántez. 1997. *Tropical Lepidoptera* 9(2): 54 ("30" [31] December) [general; book review]
- 2000a. Nabokov's Blues: the scientific odyssey of a literary genius, by Kurt Johnson and Steve Coates. *Tropical Lepidoptera* 10(2): 83 ("20", [22] November) [general; book review]
- 2000b. Mariposas bonaerensis [sic]: Butterflies of Buenos Aires by Gustavo R. Canals. *Tropical Lepidoptera* 10(2): 83 ("20", [22] November) [general; Argentina; book review]
- 2000c. A world of [sic] butterflies: their lives, behavior and future, by Phil Schappert. *Tropical Lepidoptera* 10(2): 84 ("20", [22] November) [general; book review]
2002. The concise atlas of butterflies of the world by Bernard d'Abbrera. 2001. *Lepidoptera News* 2001(4): 7 (20 May) [general; book review]
2004. See Sourakov, A. & T. C. Emmel, 2004.
2005. See Daniels, J. C. et al., 2005.
- 2006a. See Daniels, J. C. et al., 2006a.
- 2006b. See Daniels, J. C. et al., 2006b.
2007. A record of *Aphrissa neleis* in North Florida (Lepidoptera: Pieridae). *Tropical Lepidoptera* 17(1/2): 6, 4 figs. (20 December) [Cuba; Bahamas]
2008. See Garraway, E. et al., 2008.
2010. See Warren, A. D. et al., 2010.
2012. See Miller, J. Y. et al., 2012.
- Emmel, Thomas Chadbourne, and George Traut Austin**  
1990. The tropical rain forest butterfly fauna of Rondonia, Brazil: Species diversity and conservation. *Tropical Lepidoptera* 1(1): 1-12, 21 figs. ([17] December) [general]
- Emmel, Thomas Chadbourne, and Ronald Boender**  
1990. An extraordinary hybrid gynandromorph of *Heliconius melpomene* subspecies (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 1(1): 33-34, 2 figs. ([17] December)
1991. Wings in paradise: Florida's Butterfly World. *Wings* 15(3): 7-12, 3 figs. [general]
- Emmel, Thomas Chadbourne, Jaret C. Daniels, James Phillip Brock, Eric Garraway, Audette J. A. Bailey and Thomas W. Turner**  
1992. *Tmolus asia*, a new resident hairstreak becoming more widespread in Jamaica (Lepidoptera: Lycaenidae). *Tropical Lepidoptera* 3(1): 35-36, 2 figs. ([11 June])
- Emmel, Thomas Chadbourne, Peter Jaap Eliazar, Keith Spalding Brown, Jr. and Esko Suomalainen**  
1995. *Chromosome evolution in the Papilionidae*, pp. 283-298, 15 figs., 2 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- Emmel, Thomas Chadbourne, and John F. Emmel**  
1973. The butterflies of Southern California. *Science Series. Natural History Museum of Los Angeles County* 26: xi + 148 pp., 10 pls., 77 figs. (30 November) [general; Mexico]
1990. The life history and ecology of *Hesperia nabokovi* in the Dominican Republic (Lepidoptera: Hesperidae). *Tropical Lepidoptera* 1(2): 77-82, 4 figs. ([31] December) [egg, larva, pupa, imago]
- Emmel, Thomas Chadbourne, and Eric Garraway**  
1990. Ecology and conservation biology of the Homerus Swallowtail in Jamaica (Lepidoptera: Papilionidae). *Tropical Lepidoptera* 1(2): 63-76, 8 figs. ([31] December) [egg, larva, pupa, imago; host plants; behavior]
1994. Drama in the Caribbean: The Homerus Swallowtail's fight for survival in Jamaica. *American Butterflies* 2(4): 20-24, figs. (November) [conservation]
- Emmel, Thomas Chadbourne, and Charles F. Leck**  
1970. Seasonal changes in organization of tropical rain forest butterfly populations in Panama. *Journal of Research on the Lepidoptera* 8(4): 133-152, 4 figs., 5 tabs. ([before 14 January 1971]) [general]
- Emmel, Thomas Chadbourne, Lee Denmark Miller and Harry Kendon Clench**  
1975. The Neotropical metalmark *Hermathena oweni* (Riodinidae). New records and major extension of the known range from Costa Rica to El Salvador and Mexico. *Journal of the Lepidopterists' Society* 29(2): 108-111, 2 figs. (10 June) [behavior; ecology]
- Emmel, Thomas Chadbourne, and Andrei Sourakov**  
1996. Bibliography of Butterflies: An annotated bibliography of the Neotropical butterflies and skippers (Lepidoptera:

- Papilionoidea and Hesperioidea). Atlas of Neotropical Lepidoptera. Volume 124. by Gerardo Lamas, Richard G. Robbins, and William D. Field. 1995. *Tropical Lepidoptera* 7(2): 154 (30 December) [book review]
2004. *Monarch butterfly*, *Danaus plexippus* L. (Lepidoptera: Danaidae), pp. 1452-1456, figs. 670-673. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 2. [Ed. 2, 2008] [general]
- Emmons, Katherine M., and Jan C. Meerman**
1996. *Insects and other arthropods*, pp. 177-186, figs. In: Lumb, J. (Ed.), *Cockscomb Basin Wildlife Sanctuary. Its history, flora and fauna for visitors, teachers and scientists*. Caye Caulker, Belize, Producciones de la Hamaca & Gays Mills, Wisconsin, Orangutan Press [general; Belize]
- Emmons, Louise H.**
1984. See Lovejoy, T. E. et al., 1984.
- Empson, Charles** [1794-1861]
1836. *Narratives of South America; illustrating manners, customs, and scenery: Containing also numerous facts in natural history, collected during a four year's residence in tropical regions*. London, William Edwards. xvi + 322 pp. [general; Colombia, Venezuela]
- Emsley, Michael Gordon** [1930- ]
1963. A morphological study of imagine Heliconiinae (Lep.: Nymphalidae) with a consideration of the evolutionary relationships within the group. *Zoologica* (New York) 48(3): 85-130, pl. 1, 153 figs., 17 maps (26 December) [general; Neotropics]
1964. The geographical distribution of the color-pattern components of *Heliconius erato* and *Heliconius melpomene* with genetical evidence for the systematic relationship between the two species. *Zoologica* (New York) 49(3): 245-286, pls. 1-2, 15 figs., 15 tabs., 1 map (2 November) [general; Neotropics]
1965. Speciation in *Heliconius* (Lep., Nymphalidae): morphology and geographic distribution. *Zoologica* (New York) 50(4): 191-254, 173 figs., 30 maps (31 December) [general; Neotropics]
1967. Mimicry in butterflies. *Journal of the New York entomological Society* 75(2): 109 (29 June) [*Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus); Central and South America]
- 1970a. An observation of the use of color for species-recognition in *Heliconius besckei* (Nymphalidae). *Journal of the Lepidopterists' Society* 24(1): 25 (26 March) [general; Brazil, Trinidad]
- 1970b. The research potential of the Neotropical mimetic butterflies of the genus *Heliconius* (Lepidoptera: Nymphalidae). *Virginia Journal of Science* 21(3): 113. [abstract]
- 1975a. How does a butterfly work? *International Wildlife* 5(3): 20-27 (April) [*Heliconius erato* (Linnaeus), *Phoebis* spp.; physiology; behavior; Neotropics]
- 1975b. See Sandved, K. B. & M. G. Emsley, 1975.
- Enciso-Romero, Juan**
2015. See Sánchez, Á. P. et al., 2015.
2018. See Brien, M. N. et al., 2018.
- Enciso-Romero, Juan, Carolina Pardo-Díaz, Simon H. Martin, Carlos Francisco Arias, Mauricio Linares, William Owen McMillan, Christopher David Jiggins and Camilo Andrés Salazar**
2017. Evolution of novel mimicry rings facilitated by adaptive introgression in tropical butterflies. *Molecular Ecology* 26(19): 5160-5172, 5 figs., 1 tab. (October; published online 5 September) [*Heliconius*; Central and South America]
- Endara, María-José, Phyllis Dewing Coley, Gabrielle Ghabash, James A. Nicholls, Kyle G. Dexter, David Andrés Donoso, Graham N. Stone, R. Toby Pennington and Thomas Alan Kursar**
2017. Coevolutionary arms race versus host defense chase in a tropical herbivore-plant system. *Proceedings of the national Academy of Sciences of the United States of America* 114(36): E7499-E7505, 4 figs., 1 tab. (5 September; published online 21 August) [Riodinidae; Peru]
- Enderlein, Günther** [1872-1968]
1909. *Die biologische Bedeutung der Antarktis und ihrer Faunengebiete mit besonderer Berücksichtigung der Insektenwelt*, pp. 323-360, pl. 39, 2 figs. In: Drygalski, E. (Ed.), *Deutsche Südpolar-Expedition 1901-1903 im Auftrage des Reichsamtes des Innern*. Berlin, Georg Reimer. 10 (Zoologie, 2[4]) [*Euryades*]
1912. Die Insekten des Antarkto-Archiplatea-Gebietes (Feuerland, Falklands-Inseln, Süd-Georgien). 20. Beitrag zur Kenntnis der antarktischen Fauna. *Kungliga svenska Vetenskaps-akademiens Handlingar* (Ny Följd) 48(3): 1-170, 4 pls., 35 figs. (27 December) [general]
- Endicott, Bradford Maxwell** [1926-2018]
1968. See Schmid, M. & B. M. Endicott, 1968.
- Ender, John A.**
2019. See Maia, R. et al., 2019.
- Endo, Toshitsugu**
2001. *Enthusiastic collection*. [In Japanese]. Tokyo, Endless Science Information. [2] + 136 pp., 80 pls. (1 December) [general]
- Endo, Toshitsugu, and Kyoichiro Ueda**
2004. *A complete guide to the endangered swallowtail butterflies of the world*. Tokyo, Endless Science Information. vii + 100 pp., figs., maps (28 July) [general; distribution]
- Endres Júnior, Delio, Márcio Hisayuki Sasamori, Jairo Lizandro Schmitt and Annette Droste**
2018. Survival and development of reintroduced *Cattleya intermedia* plants related to abiotic factors and herbivory at the edge and in the interior of a forest fragment in South Brasil. *Acta botanica brasiliensis* 32(4): 555-566, 4 figs., 3 tabs. (December) [*Ilthomiola nepos* (Fabricius); host plant]
- Endress, Mary E.** [1949- ]
2017. See Morales, J. F. et al., 2017.
- Endringer, Fabiola Bonicenna, Péricles Rocha da Silva and Leonardo Vanderlei Lutz**
2004. Hipóteses evolutivas sobre a origem e manutenção dos dormitórios comuns de *Heliconius erato* (Lepidoptera, Nymphalidae). *Natureza online* 2(1): 1-9. [general; behavior]
- Engberg, Anna**
2015. See Proshok, B. et al., 2015.
- Engel, Hendrik** [1898-1981]
1952. Proposed use of the Plenary Powers to suppress for nomenclatorial purposes the catalogue of the collection of animals formed by Martinus Houttuyn prepared under the title "Animalium Musaei Houttuiniani Index" in connection with the sale of the collection which took place in 1787. *Bulletin of zoological Nomenclature* 6(10): 292-303 (29 August)
- Engel, Michael S.**
2005. See Grimaldi, D. A. & M. S. Engel, 2005.
2015. The bibliography of and taxa proposed by Charles D. Michener. *Journal of Melittology* 54: 1-109, 37 figs., 2 tabs. (22 September) [general]
2016. Charles D. Michener (1918-2015): The compleat

- melittologist. *Journal of the Kansas entomological Society* 89(1): 1-44, 21 figs. (January) [general]
- Engelhardt, George Paul** [1871-1942]  
1915. Entomological excursions in the Bahamas. *Journal of the New York entomological Society* 23(1): 77-79 (March) [general]
- Engen, Steinar**  
2004. See Walla, T. R. et al., 2004.  
2012a. See Grøtan, V. et al., 2012.  
2012b. See Tufto, J. et al., 2012.
- Engen, Steinar, Russell Lande, Thomas Robert Walla and Philip James DeVries**  
2002. Analyzing spatial structure of communities using the two-dimensional Poisson lognormal species abundance model. *American Naturalist* 160(1): 60-73, 6 figs. (July) [general; Ecuador]
- England, Grant, Mathias Kolle, Philseok Kim, Mughees Khan, Philip Muñoz, Eric Mazur and Joanna Aizenberg**  
2014. Bioinspired micrograting arrays mimicking the reverse color diffraction elements evolved by the butterfly *Pierella luna*. *Proceedings of the national Academy of Sciences of the USA* 111(44): 15630-15634, 4 figs. (4 November)
- Engle, Margarita Mondrus**  
1988. Maria Sibylla Merian 17th Century Jungle Scientist. *South American Explorer* 17: 4-11, figs. (May) [general; Surinam]
- Engler, Helene S., and Lawrence Edmund Gilbert**  
2007. *De novo* synthesis vs. sequestration: Negatively correlated metabolic traits and the evolution of host plant specialization in cyanogenic butterflies. *Journal of chemical Ecology* 33(1): 25-42, 4 figs., 4 tabs. (January; published online 7 December 2006) [Heliconiini; host plants; Brazil, Costa Rica, Ecuador]
- Engler, Helene S., Kevin C. Spencer and Lawrence Edmund Gilbert**  
2000. Preventing cyanide release from leaves. *Nature* (London) 406(6792): 144-145, 1 fig. (13 July) [*Heliconius sara* (Fabricius); host plant]
- Engramelle, Marie Dominique Joseph** [1727-1780]  
1780. See Ernst, J. J., 1780.
- Enoch, Stefan**  
2001. See Gralak, B. et al., 2001.  
2003. See Tayeb, G. et al., 2003.
- Enrico, Paul**  
1969. See Pinchon, R. & P. Enrico, 1969.
- Enrico, Paul, and Robert Pinchon**  
1969. *Première partie. Les Rhopalocères ou papillons de jour des Petites Antilles*, pp. 29-144, pls. 1-20, figs. 2-12. In: Pinchon, R. & P. Enrico, *Faune des Antilles Françaises. Les Papillons*. Fort-de-France, Authors. 260 pp., 34 pls., 17 figs., 1 map (30 November) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; distribution; new subspecies: *Dryas iulia martinica*, *Proteides mercurius grenadensis*]
- Enriquez, Paula Lidia**  
2018. See Ruiz-Utrilla, Z. P. et al., 2018.
- Enslin, Christiano** [1854-1930]  
1912-13a. Beiträge zur riograndenser Schmetterlings(fauna-)kunde. *Neue Heimat* (Porto Alegre) 1(5): 151-154 (1 September 1912), (6): 177-179 (1 November 1912); 2(1): 7-8 (1 January 1913), (2): 3-4 (1 February 1913), (5): 10-12 (1 May 1913) [general; Brazil]  
1913b. Ein seltener *Papilio*. *Neue Heimat* (Porto Alegre) 2(4): 11 (1 April 1913) [*P. protodamas* (Godart); Brazil]  
\*1921. Biologia de *Morpho aega* Hbn. *Revista do Centro de Cultura científica* (Pelotas) 4: 8-9. [Brazil]
- Epstein, Marc E.**  
2009a. See Janzen, D. H. et al., 2009.  
2009b. See Regier, J. C. et al., 2009.  
2011. See Nieuwerkerken, E. J. van et al., 2011.  
2016. *Moths, myths, and mosquitoes. The eccentric life of Harrison G. Dyar, Jr.* New York, Oxford University Press. xxxii + 325 pp., 16 pls., figs., 6 maps. [general]
- Equihua, Armando** [1956- ]  
2002. *Entomología forestal*, pp. 53-74, 2 tabs. In: Llorente, J. E. & J. J. Morrone (Eds.), *Biodiversidad, taxonomía y biogeografía de artrópodos de México: Hacia una síntesis de su conocimiento. Volumen III*. México, Universidad Nacional Autónoma de México (January) [general; host plants; Mexico]  
2017. See Rodríguez, A. et al., 2017.
- Equihua, Miguel Eduardo** [1965- ]  
1997. See Rivera, E. & M. E. Equihua, 1997.
- Erazo, María C.**  
2001. See Orellana, A. M. & M. C. Erazo, 2001.  
2002. See Orellana, A. M. & M. C. Erazo, 2002.
- Erazo, Martha Cecilia, and Luis Antonio González**  
2008. *Mariposas*, pp. 28-116, 46 pls., figs. In: Rodríguez, J. V., J. V. Rueda & T. D. Gutiérrez (Eds.), *Guía ilustrada de fauna del Santuario de Vida Silvestre Los Besotes, Valledupar, Cesar, Colombia*. Bogotá, Conservación Internacional. [general]
- Erb, H. E.**  
1979. See Zimmermann, H. G. et al., 1979.
- Erenler, Hilary E.**  
2012. See Gillman, M. P. et al., 2012.
- Erenler, Hilary E., Michael P. Gillman and Erico M. Téllez**  
2014. Additions to the butterfly fauna of Nicaragua. *Revista nicaragüense de Entomología* 75: 2-21, 3 + 41 figs., 2 tabs. ("December 2013", after 8 April 2014) [general]
- Erenler, Hilary E., Richard K. Leonardi, Michael P. Gillman, Jean-Michel Maes and Erico M. Téllez**  
2016. Butterfly diversity at Lost Canyon Nature Reserve, Nicaragua, including a new country record. *Revista nicaragüense de Entomología* 106: 1-79, figs. (April) [general]
- Ergo** [pseudonym]  
1941. See Gonzalo, H., 1941.
- Erhardt, Andreas, and Irene Baker**  
1990. Pollen amino acids - an additional diet for a nectar feeding butterfly? *Plant Systematics and Evolution* 169: 111-121, 1 fig., 3 tabs. [*Heliconius*]
- Erichson, Wilhelm Ferdinand** [1809-1849]  
[1849]. *Insecten*, pp. 553-617. In: Schomburgk, R., *Reisen in Britisch-Guiana in den Jahren 1840-1844. Im Auftrag Sr. Majestat des Königs von Preussen. Versuch einer Fauna und Flora von Britisch-Guiana. Nach Vorlangen von Johannes Müller, Ehrenberg, Erichson, Klotzsch, Troschel, Cabanis und andern*. Leipzig, J. J. Weber. 3: i-viii, 531-1262 ("1848"; [10 March 1849]) [general; new species: *Heliconia metharme*, *H. astydamia*, *H. elimaea*, *Hetaera astyoche*, *Cystineura cana*, *Caria trochilus*, *Emesis monostigma*, *Hesperia clavus*, *Syrichthus domicella*, *S. leucodesma*, *S. festiva*]
- Erickson, James M.**  
1978. See Dixon, C. A. et al., 1978.
- Erickson, Richard A., and Marshall J. Iliff**  
2004. Occurrence of the giant swallowtail (*Papilio cresphontes*) in northern Baja California. *Southwestern Naturalist* 49(4): 506-508, 1 fig., 1 tab. (December) [Mexico]
- Eriks, Ewout**  
2007. See Gernaat, H. B. P. E. & E. Eriks, 2007.

- Erlacher, Wellington Abeldt**  
2015. See Silva, D. M. N. et al., 2015.
- Erlanger, L.**  
1978. Maria Sibylla Merian 17th Century entomologist, artist, and traveller. *Insect World Digest* 3(2): 12-21 (March-April) [*Morpho achilles* (Linnaeus); Surinam]
- Erniwati, Dra**  
1999. See Morinaka, S. et al., 1999.
- Ernst, Adolph** [1832-1899]  
1870. Apuntes para la fauna ornitológica de Venezuela. *Vargasia* (Caracas) 7: 195-198. [*Epicalia regina* Salvin]  
1884. VII. Insectos, pp. 356-359. In: *La Exposición Nacional de Venezuela en 1883. Obra escrita por orden del Ilustre Americano General Guzmán Blanco*. Caracas, La Opinión Nacional. i-iv, 5-704, 6 pls. [general]  
1886. [A letter]. *Entomologische Nachrichten* 12(5): 79-80 (March) [*Papilio anchisiades* Esper; host plant; pupa; Venezuela]
- Ernst, Jean Jacques**  
1780. *Papillons d'Europe, peints d'après nature. Première partie. Chenilles, Crisalides, & Papillons de jour*. Paris, P. M. Delaguette. 2: [i]-[iv], 207-344, pls. 49-84 + 8. [text by M. D. J. Engramelle and illustrations by J. J. Ernst, but the latter is responsible for the work] [*Ascia monuste* (Linnaeus) - unnamed - on p. 209, pl. 49, figs. 102f-g.]
- Ernst, Ludger**  
1996. See Trigo, J. R. et al., 1996.
- Erschov, Nikolai Grigorievich** [=Erschoff] [1837-1896]  
1875-76. [Description of new species of exotic Lepidoptera] [In Russian]. [*Trudy russkogo entomologicheskogo Obshchestva*] 8(2): 140-149 (13 February 1875), (4): pl. 3 (13 April 1876); 10(1): 57-66, pl. 1 (13 September 1876) [general; *Ithomia (Dircenna) euteles*, *Pronophila exanima*, *Phyciodes (Eresia) adoxa*, *Siseme luculenta*, *Pieris eucosma*, *Pyrrhopyge leucoloma*, *Heteropterus (Cyclopides) jelskyi*, *Thecla peruviana*, *Hesperia (Syrichthus) limbata*, *H. (Pamphila?) umbrata*; French Guiana, Peru, Brazil]
- Erten, Sema**  
2017. See Dushkina, N. et al., 2017.
- Ervik, Finn, and Jan P. Feil**  
1997. Reproductive biology of the monoecious understory palm *Prestoea schultzeana* in Amazonian Ecuador. *Biotropica* 29(3): 309-317, 3 figs., 2 tabs. (September) [*Oleria agarista agarista* (C. & R. Felder), *O. gunilla lota* (Hewitson), *Ithomia salapia salapia* Hewitson; pollination]
- Erwin, Nathaniel**  
1997. See Lovejoy, T. E. et al., 1997.
- Escalante, José Angel**  
1994. Nota sobre las mariposas del Alto Urubamba, La Convención, Cusco. *Revista peruana de Entomología* 36: 59-60 ("11 August", 20 October) [general; Peru]
- Escalante, Leticia**  
2008. See Castillo, M. E. et al., 2008.
- Escalante, Marlyn, and L. Rosales**  
2007. Insectos y hongos que afectan a *Opsiphanes cassina* en palma aceitera del sur del Lago de Maracaibo, estado Zulia, Venezuela. *Palmas* (Bogotá) 28(número especial)(1): 339-344, 2 figs., 2 tabs. [host plant]
- Escalante, Patricia**  
1992. See Llorente, J. E. & P. Escalante, 1992.  
2016. See Álvarez, H. et al., 2016.
- Escalante, Patricia, Adolfo Ibarra and Patricia Rosas**  
2010. Tropical montane nymphalids in Mexico: DNA barcodes reveal greater diversity. *Mitochondrial DNA* 21(Supplement 1): 30-37, 2 figs., 1 tab. (December)
- [Preponini]
- Escalante, Patricia, and Jorge Enrique Llorente**  
1987. Riqueza y endemismo de aves y mariposas como criterio para determinar áreas de reserva. Datos del Estado de Nayarit, México. *Memoria. Primer Simposium internacional de Fauna silvestre* (México) 1: 355-363, 1 fig. [general; biogeography]
- Escalante, Tarsicio** [1904-1985]  
1964. See Ziegler, J. B. & T. Escalante, 1964.  
1965. See Rotger, B. et al., 1965.
- Escalona, Anselmo**  
1939. See Martorell, L. F. & A. Escalona, 1939.
- Escamilla, Esteban**  
1984. See Ramos, J. et al., 1984.
- Escandón, María Cristina, and José Gandarilla**  
2008. Rhopaloceras (Insecta: Lepidoptera) observadas en veinte localidades de Cuba, pp. 318-323. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 7. México, Sociedad mexicana de Entomología. [general]
- Escarpinati, Suzana Cunha**  
2017. See Roque, F. de O. et al., 2017.
- Eschscholtz, Johann Friedrich Gustav von** [1793-1831]  
1821. *Beschreibung neuer ausländischer Schmetterlinge nebst Abbildungen*, pp. 201-219, 11 pls. In: Kotzebue, O. von, *Entdeckungs-Reise in die Süd-See und nach der Berings-Strasse zur Erforschung einer nordöstlichen Durchfahrt. Unternommen in den Jahren 1815, 1816, 1817 und 1818, auf Kosten Sr. Erlaucht des Herrn Reichs-Kanzlers Grafen Rumanzoff auf dem Schiffe Rurick unter dem Befehle des Lieutenants der Russisch-Kaiserlichen Marine Otto von Kotzebue*. Weimar, Gebrüder Hoffmann. 3 ([October]) [another edition: Wien, Kaulfuss und Krammer, 1825] [general; new species: *Papilio rurik*, *P. chamissonia*, *Cynthia roeselia*, *Idea manuja*, *Acraea claudina*, *Mechanitis meriana*, *Pontia mercedis*; Brazil, Chile]
- Escobar, Federico**  
2011. See Laurance, W. F. et al., 2011.  
2014. See Giraldo, C. E. et al., 2014.  
2015. See MacGregor, I. et al., 2015.
- Escobedo, Enrique**  
1991. See Pozo, M. del C. et al., 1991.
- Escomel, Edmundo Eusebio** [1876-1959]  
1928. Fauna y flora macroscópicas del balneario de Yura. *La Prensa médica* (Arequipa) 2(19) 192-201 (November) [general; Peru]  
1929a. Fauna y flora de Arequipa. *La Prensa médica* (Arequipa) 3(26): 29-44 (June) [general; Peru]  
1929b. *Fauna de Arequipa*. Arequipa, Author. 71 pp. [general; Peru]  
1929c. *Fauna de Arequipa. Orden de los Lepidoptera*, pp. 413-414, 1 pl. In: *Obras científicas*. Lima, Imprenta Torres Aguirre. 1. [general; Peru]  
1936. *Flora y fauna de Arequipa*. Lima, Dirección General de Fomento. 103 pp. [general; Peru]
- Escorcía, Keila**  
2018. See Ochoa, J. A. et al., 2018.
- Escoto, Jaime**  
2000. See De Erice, E. V. et al., 2000.
- Esparza, D.**  
2009. See Parra, E. et al., 2009.
- Esparza, José de Jesús, and Mario Alberto Villagómez**  
2012. *Biodiversidad de la Sierra de Los Agustinos*, pp. 430-443, 13 figs., 3 tabs. In: Comisión Nacional para el Conocimiento y Uso de la Biodiversidad (CONABIO), *La*

- biodiversidad en Guanajuato: Estudio de estado*. Mexico, Conabio. 2. (December) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Esparza-Frausto, Gastón, Francisco Javier Macías-Rodríguez, Martín Martínez-Salvador, Marco Antonio Jiménez-Guevara and Santiago de Jesús Méndez-Gallegos**
2008. Insectos comestibles asociados a las magueyeras en el ejido Tolosa, Pinos, Zacatecas, México. *Agrociencia* 42(2): 243-252, 1 fig., 4 tabs. (March) [*Acentrocne (Aegiale) hesperiaris* (Walker); host plant]
- Espejo, Adolfo, Juan Luis Brunhuber, Gerardo Segura and Jorge Ibarra**
1992. La vegetación de la zona de hibernación de la mariposa monarca (*Danaus plexippus* L.) en la Sierra Chincua. *Supplementary Publication. Tulane Studies in Zoology and Botany* 1: 79-99, 6 figs., 13 tabs. (May) [Mexico]
- Espejo, Jaime**
2012. See Sanzana, M.-J. et al., 2012.
- Espeland, Marianne**
- 2015a. See Peña, C. & M. Espeland, 2015.  
 2015b. See Nakahara, S. et al., 2015b.  
 2015c. See Neild, A. F. E. et al., 2015.  
 2017. See Ortiz, E. et al., 2017.  
 2018a. See Nakahara et al., 2018a.  
 2018b. See Freitas, A. V. L. et al., 2018b.  
 2018c. See Zacca, T. et al., 2018.  
 2018d. See Toussaint, E. F. A. et al., 2018.  
 2018e. See Willmott, K. R. et al., 2018.  
 2018f. See Nakahara et al., 2018b.  
 2018g. See Kawahara, A. Y. et al., 2018b.  
 2018h. See Schär, S. et al., 2018.  
 2019a. See Nakahara, S. et al., 2019a.  
 2019b. See Willmott, K. R. et al., 2019.  
 2019c. See Marín, M. A. et al., 2019.  
 2019d. See Nakahara, S. et al., 2019b.  
 2019e. See Kawahara, A. Y. et al., 2019.
- Espeland, Marianne, Jesse W. Breinholt, Keith Richard Willmott, Andrew David Warren, Roger Vila, Emmanuel E. F. Toussaint, Sarah, C. Maunsell, Kwaku Aduse-Poku, Gerard Talavera, Rodney Eastwood, Marta A. Jarzyna, Robert P. Guralnick, David J. Lohman, Naomi E. Pierce and Akito Yuji Kawahara**
2018. A comprehensive and dated phylogenomic analysis of butterflies. *Current Biology* 28(5): 770-778, 1 fig., 2 tabs. (5 March) [general]
- Espeland, Marianne, Jesse W. Breinholt, Eduardo de Proença Barbosa, Mirna Martins Casagrande, Blanca Cecilia Huertas, Gerardo Lamas, Mario Alejandro Marín, Olaf Hermann Hendrik Mielke, Jacqueline Yvonne Miller, Shinichi Nakahara, Denise Tan, Andrew David Warren, Thamara Zacca, Akito Yuji Kawahara, André Victor Lucci Freitas and Keith Richard Willmott**
2019. Four hundred shades of brown: Higher level phylogeny of the problematic Euptychiina (Lepidoptera, Nymphalidae, Satyrinae) based on hybrid enrichment data. *Molecular Phylogenetics and Evolution* 131: 116-124, 1 fig., 1 tab. (February; published online 10 November 2018) [general]
- Espeland, Marianne, Jason Piers Wilton Hall, Philip James DeVries, David C. Lees, Mark Cornwall, Yu-Feng Hsu, Li-Wei Wu, Dana L. Campbell, Gerard Talavera, Roger Vila, Shayla Salzman, Sophie Ruehr, David J. Lohman and Naomi E. Pierce**
2015. Ancient Neotropical origin and recent recolonisation: Phylogeny, biogeography and diversification of the Riodinidae (Lepidoptera: Papilionoidea). *Molecular Phylogenetics and Evolution* 93: 296-306, 4 figs., 2 tabs. (December; published online 8 August) [general; new subtribe: Dodonina; host plants]
- Esper, Eugen Johann Christoph** [1742-1810]
- 1776-86. *Die Schmetterlinge in Abbildungen nach der Natur mit Beschreibungen. Erster Theil. Europäische Gattungen*. Erlangen, Wolfgang Walther. 1(1): 1-40, pls. 1-6 (1776), (2): 41-72, pls. 7-12 (1776), (3): 73-104, pls. 13-18 (1777), (4): 105-120, pls. 19-24 (1777), (5): 121-144, pls. 25-30 (1777), (6): 145-176, pls. 31-36 (1777), (7): 177-200, pls. 37-42 (1778), (8): 201-216, pls. 43-48 (1778), (9): 217-388, pls. 49-50 (1779); 2(1): 1-36, pls. 51-56 (1780), (2): 37-68, pls. 57-62 (1781), (3): 69-100, pls. 63-68 (1781), (4): 101-124, pls. 69-74 (1781), (5): 125-140, pls. 75-80 (1782), (7): 141-156, pls. 81-82 (1783), (8): 157-172, pls. 83-88 (1783), (9): 173-184, pls. 89-92 (1784), (28): 185-190, pl. 93 (1786). [new species: *Papilio telegonus*]
- 1784a. *Naturgeschichte im Auszuge des Linnéischen-Systems mit Erklärung der Kunstwörter und dem Verzeichniss sämtlicher Geschlechter und Gattungen nebst Bemerkung der europäischen und inländischen Arten, wie auch sieben zur Kenntniss derselben dienenden Kupfertafeln zum Gebrauch academischer Vorlesungen*. Nürnberg, Gabriel Nicolaus Raspe. [xxvii] + 740 + [iv] pp., frontisp., 7 pls. (after 16 April) [general]
- 1784b-93. *Die ausländische oder die ausserhalb Europa zur Zeit in den übrigen Welttheilen vorgefundene Schmetterlinge in Abbildungen nach der Natur mit Beschreibungen*. Erlangen, Wolfgang Walther. (1): 1-20, pls. 1-4 (1784), (2): 21-36, pls. 5-8 (1785), (3): 37-52, pls. 9-12 (1786), (4): 53-64, pls. 13-16 (1788), (5): 65-80, pls. 17-20 (1790), (6): 81-96, pls. 21-24 (1791), (7/8): 97-120, pls. 25-32 (1792), (9): 121-144, pls. 33-36 (1792), (10): 145-160, pls. 37-40 (1793) [general; new species: *Papilio anchisiades*, *P. ariarathes*, *P. aeneides*, *P. amulius*, *P. peleides*, *P. machaonides*, *P. torquatus*, *P. anaxibia*]
1794. *Magazin der neuesten ausländischen Insecten*. Erlangen, Wolfgang Walther. 1: [4] + [iv] + 8 pp., 4 pls. ([before 30 April]) [new species: *Papilio hectorides*, *P. aristodemus*]
- 1796-1801. *Die ausländische oder...* Erlangen, Wolfgang Walther. (11/12): 161-192, pls. 41-46 (1796), (13): 193-204, pls. 47-50 (1797), (14): 205-220, pls. 51-54 (1799), (15/16): 221-254, pls. 55-59, 40A-40D (1801) [general; new species: see above]
- [1830]. *Die ausländischen Schmetterlinge in Abbildungen nach der Natur mit Beschreibungen. Herausgegeben mit Zusätzen und fortgesetzt von Toussaint von Charpentier*. Leipzig, L. D. Weigel. 254 + 14 pp., 66 pls. [2nd. Ed.] [general; Neotropics]
- Esperança, Alexandre Pimenta**
2004. See Monteiro, R. F. et al., 2004.  
 2013. See Herkenhoff, E. V. et al., 2013.  
 2016. See Seraphim, N. et al., 2016.
- Espinosa, Carlos Iván**
2015. See Castro, A. & C. I. Espinosa, 2015.
- Espinosa, David**
1999. See Morrone, J. J. et al., 1999.  
 2002. See Morrone, J. J. et al., 2002.
- Espinosa, David, Juan José Morrone, Claudia Aguilar and Jorge Enrique Llorente**
2000. *Regionalización biogeográfica de México: Provincias bióticas*, pp. 61-94, 12 figs., 2 tabs. In: Llorente, J. E., E. González & N. Papavero (Eds.), *Biodiversidad, Taxonomía y biogeografía de artrópodos de México: Hacia una síntesis de su conocimiento*. México, Universidad Nacional Autónoma de México. 2. (April) [Papilionidae, Pieridae]



- Espinosa, José**  
2009. See Bacallado, J. J. et al., 2009.
- Espinoza, Bernardo**  
2009. See Janzen, D. H. et al., 2009.
- Espinoza-Pernía, José**  
2016. See Rodríguez, W. et al., 2016.
- Espírito Santo, Mario Marcos do**  
2008. See Murta, A. de F. et al., 2008.
- Esposito, Maria Cristina** [1963- ]  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Esquivel, Leopoldo**  
1950. Primer suplemento a la lista de himenópteros parásitos y predadores de los insectos de la República Argentina. *Revista de la Sociedad entomológica argentina* 14(5): 270-296 (14 October) [general]  
1967. See Santis, L. de & L. Esquivel, 1967.
- Estades, Cristian F.**  
1996. See López, M. V. & C. F. Estades, 1996.
- Estévez, Germania**  
1998. See Moreno, M. et al., 1998.
- Estrada, Alfredo**  
1981. See Patiño, H. et al., 1981.
- Estrada, Catalina**  
2004. See Jiggins, C. D. et al., 2004.  
2007. See Schulz, S. et al., 2007.  
2008. See Schulz, S. et al., 2008.  
2010. See Guerrieri, E. et al., 2010.  
2019. See Woelke, J. B. et al., 2019.
- Estrada, Catalina, and Christopher David Jiggins**  
2002. Patterns of pollen feeding and habitat preference among *Heliconius* species. *Ecological Entomology* 27(4): 448-456, 1 fig., 2 tabs. (August) [general; Panama]  
2008. Interspecific sexual attraction because of convergence in warning coloration: is there a conflict between natural and sexual selection in mimetic species? *Journal of evolutionary Biology* 21(3): 749-760, 3 figs., 2 tabs. (May; published online 29 February) [*Heliconius*]
- Estrada, Catalina, Stefan Schulz, Selma Yildizhan and Lawrence Edmund Gilbert**  
2011. Sexual selection drives the evolution of antiaphrodisiac pheromones in butterflies. *Evolution* 65(10): 2843-2854, 3 figs., 1 tab. (October; published online 13 June) [*Heliconius*; Ecuador, Costa Rica]
- Estrada, Catalina, Selma Yildizhan, Stefan Schulz and Lawrence Edmund Gilbert**  
2010. Sex-specific chemical cues from immatures facilitate the evolution of mate guarding in *Heliconius* butterflies. *Proceedings of the royal Society of London (B)* 277(1680): 407-413, 1 tab. (7 February; published online 14 October 2009) [behavior]
- Estrada, Rosa María**  
2012. *Morpho helenor* (Cramer, 1776). *Bioma* (San Salvador) 1(2): 14, 4 figs. (December) [general]  
2014. See Sermeño, J. M. et al., 2014b.
- Estrada-Álvarez, Julio César**  
2017. See Sánchez-Jasso, J. M. & J. C. Estrada-Álvarez, 2017.  
2019. See Sánchez-Jasso, J. M. et al., 2019.
- Estrada-Castillón, Andrés E.**  
2017. See Meléndez-Jaramillo, E. et al., 2017.  
2018. See Meléndez-Jaramillo, E. et al., 2018.
- Estrada-Fernández, Balam Yocault**  
2019. See Sánchez-Jasso, J. M. et al., 2019.
- Estrela, Joelma Lima Vidal, Raul Narciso Carvalho Guedes, Celia Regina Alvares Maltha and Murilo Fazolin**  
2003. Toxicidade de amidas análogas à piperina a larvas de *Ascia monuste orseis* Godart (Lepidoptera: Pieridae) e *Spodoptera frugiperda* (J.E. Smith) (Lepidoptera: Noctuidae). *Neotropical Entomology* 32(2): 343-346, 1 fig., 2 tabs. (April-June) [host plant; Brazil]
- Etcheverry, Estela**  
1960. Viaje de la Favorite, la Bonite y l'Astrolabe y la Zelée. *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 2: 239-251. [general; collectors; Chile]
- Etcheverry, María Edith** [1928-2012]  
1954. Identificaciones lepidopterológicas. *Revista chilena de Entomología* 3: 126-131 ("1953", 30 April 1954) [*Hemiargus ramon* (Dognin), *Leptotes trigemmatius* Butler; Chile]  
1956. See Herrera, J. V. & M. E. Etcheverry, 1956.  
1957. See Herrera, J. V. et al., 1957.  
1958. See Herrera, J. V. et al., 1958.  
1960a. See Herrera, J. V. & M. E. Etcheverry, 1960a.  
1960b. See Herrera, J. V. & M. E. Etcheverry, 1960b.  
1965. See Herrera, J. V. & M. E. Etcheverry, 1965.  
1970a. Syrphidae (Diptera) y Rhopalocera (Lepidoptera) colectados en la Provincia de Tarapacá (Chile). *Revista peruana de Entomología* 13(1): 94-96 (December) [general]  
1970b. See Herrera, J. V. & M. E. Etcheverry, 1970.  
1970c. *Quinta cannae* (Herrich-Schäffer) 1869 género y especie de Hesperiiinae nuevo para Chile (Hesperiiidae, Lepidoptera). *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 10: 19-22, 6 figs.  
1972. Distribución geográfica de los Satyridae chilenos. *Revista peruana de Entomología* 15(1): 75-77 ("April", June) [general]  
1974a. La entomología en la Sede Oriente de la Universidad de Chile. *Publicaciones entomológicas. Departamento de Biología. Facultad de Ciencias. Universidad de Chile. Sede Oriente* 11: 5-21. [general]  
1974b. Los ejemplares tipos de la colección del Norte Grande en la Sede Oriente. *Publicaciones entomológicas. Departamento de Biología. Facultad de Ciencias. Universidad de Chile. Sede Oriente* 11: 33-34. [*Tatochila* spp.; Chile]  
1974c. Localidades de colecta en el Norte Grande. *Publicaciones entomológicas. Departamento de Biología. Facultad de Ciencias. Universidad de Chile. Sede Oriente* 11: 50-52. [gazetteer; Chile]  
1989. Chile y sus mariposas. *Shilap* 17(65): 71-75 (30 March) [general]
- Etienne, J.**  
1999. See Saur, E. et al., 1999.
- Etienne, Rampal S., Bart Haegeman, Tanja Stadler, Tracy Aze, Paul N. Pearson, Andy Purvis and Albert B. Phillimore**  
2012. Diversity-dependence brings molecular phylogenies closer to agreement with the fossil record. *Proceedings of the royal Society of London (B)* 279(1732): 1300-1309, 3 figs., 2 tabs. (7 April; published online 12 October) [*Heliconius*]
- Evans, Benjamin**  
2014. See Gallant, J. R. et al., 2014.
- Evans, Elizabeth**  
2018. See Thurman, T. J. et al., 2018.
- Evans, Harry C.**  
1984. See Cock, M. J. W. & H. C. Evans, 1984.
- Evans, Howard Ensign** [1919-2002]  
2002. A review of prey choice in bembicine sand wasps (Hymenoptera: Sphecidae). *Neotropical Entomology* 31(1): 1-11, 4 figs., 4 tabs. (January-March) [Hesperiiidae]
- Evans, Howard Ensign, Robert W. Matthews and Edward**

**McCallum Callan**

1974. Observations of the nesting behavior of *Rubrica surinamensis* (DeGeer) (Hymenoptera, Sphecidae). *Psyche* (Cambridge) 81(2): 334-352, 3 figs., 2 tabs. (26 September) [*Panoquina* sp., *Monca* sp.; Trinidad, Argentina]

**Evans, Mark H.**

[1989]a. See Scriber, J. M. & M. H. Evans, [1989].

1989b. See Scriber, J. M. et al., 1989.

**Evans, William Harry [1876-1956]**

1936. Description of a new genus of American HesperIIDae (Lepidoptera). *Proceedings of the royal entomological Society of London* (B) 5(3): 55 (14 March) [*Dubiella*]
- 1937a. A new genus and a new species of South American HesperIIDae (Lep.). *Revista de Entomologia* (Rio de Janeiro) 7(1): 88-89 (30 March) [*Dardarina salta*; Argentina, Paraguay, Brazil]
- 1937b. *A catalogue of the African HesperIIDae indicating the classification and nomenclature adopted in the British Museum*. London, British Museum (Natural History). xii + 212 pp., 30 pls. ([pre 21 September]) [new taxa: *Semalea scapa* = *Papias dictys* Godman, according to W. H. Evans, 1955a, *Aurina* (new genus) *didia*; "Cameroons", "Ivory Coast"]
1939. See Hayward, K. J., 1939d.
1940. The type of the genus *Pyrrhopyge* (Lepidoptera-HesperIIDae). *Journal of the New York entomological Society* 48(4): 405-411 (17 December) [general]
1941. An interesting case of development in certain South American HesperIIDae (Lep. Rhopalocera). *Proceedings of the royal entomological Society of London* (A) 16(1/3): 21-23, 12 figs. (15 March) [Pyrrhopyginae]
1942. A key to the American species of the genus *Pyrgus* (Lep. HesperIIDae). *Revista de Entomologia* (Rio de Janeiro) 13(3): 359-366 (30 November) [general; new species: *P. communis* form *chloe*, *P. syrictus* form *brenda*, *P. biseriatus* form *fides*; Neotropics]
1944. An analysis of the genus *Heliopetes* Billberg (Lepidoptera-HesperIIDae) with genitalia drawings. *Entomologist* 77(979): 179-185, 1 pl. (29 December) [general; new taxa: *H. laviana libra*, *H. asna*, *H. arsalte apex*; Brazil, Ecuador]
1947. Hesperiana. *Proceedings of the entomological Society of Washington* 49(6): 162-163 (11 June) [general]
1951. *A catalogue of the American HesperIIDae indicating the classification and nomenclature adopted in the British Museum (Natural History). Part I. Introduction and Group A Pyrrhopyginae*. London, British Museum (Natural History). x + 92 pp., pls. 1-9 ([before 30 October]) [general; new taxa: *Pyrrhopyge phidias rusca*, *P. aziza lexis*, *P. a. troja*, *P. a. arbor*, *P. pusca*, *P. proculus cintra*, *P. infantilis agala*, *P. thericles ponicia*, *P. t. fola*, *P. amythaon gradens*, *P. a. polka*, *P. a. perula*, *P. a. orino*, *P. a. pollio*, *P. a. podina*, *P. sergius selina*, *P. s. andros*, *P. s. semana*, *P. charybdis semita*, *P. phylleia delos*, *P. araz*, *P. papius pasca*, *P. frona*, *P. melanomerus patma*, *P. placeta*, *P. hadassa henna*, *P. h. hanga*, *P. h. halma*, *P. terra*, *P. telassina tagra*, *P. t. shiva*, *P. telassa silex*, *P. sadia*, *P. crista*, *P. chalybea chloris*, *P. hygieia zepha*, *Elbella* (new genus) *intersecta strova*, *E. i. peter*, *E. i. ilona*, *E. i. chia*, *E. losca*, *E. patrobas blanda*, *E. azeta lustra*, *E. umbrata acala*, *E. etna etna*, *E. e. moda*, *E. zesta*, *Zonia* (new genus) *zonias*, *Jemadia hewitsoni pater*, *J. h. ovid*, *J. fallax fiska*, *J. f. fida*, *J. f. filta*, *Mimoniades lomax*, *M. montra*, *M. porus mortis*, *Ardaris eximia hantra*, *Amenis pionia picia*, *Hegesippe*, *Sarbia oneka soza*, *Metardaris cosinga catana*, *M. c. circe*, *M. c. cedra*,

*Mysoria barcastus alta*, *M. b. antila*, *M. b. barta*, *Myscelus amystis muttra*, *M. a. mysus*, *M. epimachia verina*, *M. e. edix*, *M. pardalina guarea*, *Passova* (new genus) *ganymedes gulia*, *P. g. gelina*, *P. glacia*, *P. greta*, *P. vilna vilna*, *P. v. vanta*, *P. passova rudex*, *P. p. practa*, *P. p. stacer*, *Aspitha* (new genus) *teffa*; Neotropics]

1952. *A catalogue of the American HesperIIDae indicating the classification and nomenclature adopted in the British Museum (Natural History). Part II. Pyrginae. Section I*. London, British Museum (Natural History). v + 178 pp., pls. 10-25 ([8 September]) [general; new taxa: *Phocides distans silva*, *P. metrodorus metron*, *P. novalis*, *P. thermus bellina*, *P. partia*, *P. padrona*, *Tarsoctenus corytus corba*, *T. praecia luna*, *Phanus rilma*, *Drephalys oriander oria*, *D. opifex*, *D. olvina*, *D. olva*, *Hyalothyurus infernalis infa*, *H. neleus neda*, *Entheus priassus pralina*, *Cabirus procas junta*, *C. p. purda*, *Epargyreus enispe elta*, *E. spanna*, *E. socus cama*, *E. s. chota*, *E. s. dicta*, *E. s. sinus*, *E. exadeus cruza*, *E. nutra*, *E. aspina*, *E. spina spina*, *E. s. verruga*, *E. spinta*, *E. clavicornis tenda*, *E. spinosa*, *Polygonus leo hagar*, *P. l. ishmael*, *Chioides catillus albius*, *C. c. vintra*, *C. iverna*, *C. zilpa namba*, *Aguna asander jasper*, *A. megaeles malia*, *A. claxon*, *A. clina*, *A. cirrus*, *Typhedanus optica optica*, *T. o. goya*, *Polythrix roma*, *P. gyges*, *Chrysoplectrum perna*, *Codatractus carlos carlos*, *C. c. rowena*, *C. c. arguta*, *C. alcaeus apulia*, *Ridens* (new genus) *philistus philia*, *R. fulima*, *R. nora*, *Urbanus viterboana alva*, *U. pronta*, *U. pronus*, *U. esma*, *U. evona*, *U. elmina*, *U. esta*, *U. tanna*, *U. cindra*, *U. carmelita barra*, *U. albimargo takuta*, *U. a. rica*, *Astrartes apastus pusa*, *A. narcosius aulina*, *A. samson*, *A. colossus rhoda*, *A. c. dosula*, *A. parisi helen*, *A. alardus latia*, *A. a. aquila*, *A. cretatus* (originally, *A. alfius alfius*, *A. a. adoba*) *adoba*, *A. creteus crana*, *A. c. crilla*, *A. c. cyprus*, *A. latimargo tinda*, *A. chiriquensis erana*, *A. galesus cassius*, *A. anaphus annetta*, *A. a. anoma*, *A. a. aniza*, *Venada*, *Thorybes mexicana dobra*, *T. m. ducia*, *Cabares rinta*, *Bungalotus borax borax*, *B. b. lactos*, *B. quadratum barba*, *B. clusia*, *Salatis*, *Sarmientoia dinka*, *Dyscophellus phraxanor lama*, *D. p. mena*, *D. marian*, *D. ramus ramon*, *Nascus solon corilla*, *N. prax*, *Cephise*, *Porphyrogenes stupa*, *P. suva*, *P. zohra stresa*, *P. boliva*, *P. spoda*, *P. spanda*, *P. sparta*, *P. glavia*, *Ablepsis amazonensis renta*, *Ormeates savia*, *Celaenorhinus shema ochra*, *C. s. vox*, *C. vagra*, *C. similis stola*, *C. saroma saroma*, *C. s. tonio*, *C. s. timor*, *C. cynapes darius*; Neotropics]
1953. *A catalogue of the American HesperIIDae indicating the classification and nomenclature adopted in the British Museum (Natural History). Part III. Pyrginae. Section 2*. London, British Museum (Natural History). v + 246 pp., pls. 26-53 ([before 13 December]) [general; new taxa: *Oechydus chersis rufus*, *Marela tamyris tamba*, *Cogia hippalus hiska*, *C. h. hester*, *C. azila*, *C. mala*, *Telemiades vana*, *T. centrites contra*, *T. squanda*, *T. trenda*, *T. epicalus sila*, *T. antiope toska*, *Pyrdalus corbulo cora*, *Mimia* (new genus) *phidyle pazana*, *Ectomis cythna ega*, *Nerula tuba*, *Eracon pebana*, *E. mnemon clada*, *Spioniades abbreviata anta*, *Mictris*, *Iliana heros heroica*, *Sophista latifasciata matto*, *Polyctor* (new genus) *polyctor clea*, *P. p. dagua*, *P. fera falla*, *P. tensa*, *Nisoniades bessus godma*, *N. b. panama*, *N. b. benda*, *N. b. cauca*, *N. b. remo*, *N. brazilia*, *Pachyneuria jaguar*, *P. lineato-punctata belema*, *P. duidae pozuzza*, *P. licisca lista*, *Pellicia costimacula arina*, *P. tyana toza*, *P. angra angra*, *P. a. axina*, *P. theon tonga*, *P. t. trax*, *P. ranta ranta*, *P. r. rancida*, *Morvina* (new genus) *morvus cyclopa*, *M. m.*

para, *M. fissimacula lenia*, *M. f. rema*, *M. falisca falia*, *Myrinia* (new genus) *santa monka*, *M. s. santa*, *Ocella*, *Cyclosemia leppa*, *Gorgopas gutta*, *Viola* (new genus) *olla*, *V. egra*, *Bolla cybele*, *B. cyclops sonda*, *B. ziza*, *B. antha*, *B. brennus vexta*, *B. tetra oriza*, *B. t. guerra*, *B. t. tornea*, *B. zora*, *Staphylus chlora*, *S. eryx*, *S. putumayo sambo*, *S. epicaste stanga*, *S. shola*, *S. perna*, *S. mazans tierra*, *S. huigra canka*, *S. mossi*, *S. saxos saxos*, *S. satrap*, *S. minor manx*, *Plumbago*, *Trina*, *Diaeus lacaena varna*, *D. l. ambata*, *Gorgythion beggina vox*, *G. canda*, *Ouleus matria dampna*, *O. m. matria*, *O. fridericus salvina*, *O. f. panna*, *O. f. trina*, *O. f. riona*, *O. dilla*, *O. accedens finda*, *Zera* (new genus) *phila hosta*, *Quadrus fanda*, *Q. tros*, *Q. deyrollei porta*, *Gindanes brontinus bronta*, *G. brebissoni brebna*, *G. bora*, *Pythonides tullia*, *P. braga*, *P. homer*, *P. eminus pasha*, *P. hampa*, *Sostrata grippa*, *S. jinna*, *S. bifasciata nordica*, *S. pusilla pulsa*, *Paches loxus loxana*, *P. era*, *Milanion hemes pemba*, *M. h. memba*, *M. cramba*, *M. pilumnus pilita*, *Paramimus stigma stanna*, *Charidia lucaria pilea*, *C. l. pocus*, *C. l. mayo*, *Potomanaxas flavofasciata pantra*, *P. hirta paphos*, *P. thesita cranda*, *P. latrea tusca*, *P. l. tyndaras*, *P. laoma trex*, *P. l. trigga*, *P. l. cosna*, *P. frenda*, *P. andraemon fuma*, *P. a. forum*, *Mylon illineatus toxina*, *M. orsa*, *M. mestor*, *M. salvia*, *M. ander*, *M. a. andrea*, *M. a. ander*, *M. cajus hera*, *Carrhenes fuscescens conia*, *C. f. bamba*, *Clito littera anda*, *C. sompa*, *C. zenda*, *C. tuva*, *Onenses kelso*, *Antigonus liborius areta*, *Timochreon satyrus forta*, *T. s. tampa*, *Zopyrion evenor tressa*, *Z. e. thania*, *Z. subvariegata thyas*, *Anisochoria pedalioidina bacchus*, *A. minorella verda*, *A. bahia*, *A. vianna*, *A. albida alco*, *Achlyodes busirus rioja*, *A. thraso sagra*, *A. minna*, *A. selva*, *Grais stigmaticus juncta*, *Timochares trifasciata sanda*, *T. ruptifasciata runia*, *Anastrus petius peto*, *A. meliboea bactra*, *A. obscurus narva*, *A. o. chaqua*, *Tosta* (new genus) *tosta*, *T. taurus*, *Cycloglypha thrasibulus fiinta*, *C. polax*, *Helias phalaenoides cama*, *Chiomara asychis simon*, *C. a. zania*, *C. a. vincenta*, *C. a. grenada*, *C. crenda*, *Gesta* (new genus) *inga*, *Heliopetes randa*, *H. chimbo*, *Pyrrhopyge thericles grinda*, *P. t. ronda*; Neotropics]

- 1955a. *A catalogue of the American Hesperidae indicating the classification and nomenclature adopted in the British Museum (Natural History). Part IV. Hesperinae and Megathyminae*. London, British Museum (Natural History). v + 499 pp., pls. 54-88 ([before 20 July]) [general; new taxa: *Piruna* (new genus) *sticta*, *P. cingo cingo*, *P. cingo sombra*, *Dardarina rana*, *D. castra*, *D. jonesi*, *Dalla thalia*, *D. grovius amba*, *D. g. floxa*, *D. agathocles lanna*, *D. a. lonia*, *D. lenda*, *D. lorda*, *D. costala ascha*, *D. c. zona*, *D. c. costala*, *D. huanca*, *D. sepia*, *D. hesperioides hister*, *D. polycrates ambala*, *D. p. lania*, *D. epiphanaeus poya*, *D. e. anca*, *D. e. limba*, *D. e. junga*, *D. frontinia frontinia*, *D. f. venda*, *D. f. vanca*, *D. cyprius quinka*, *D. taza*, *D. dimidiatus lilla*, *D. d. pucer*, *D. cocha*, *D. miser*, *D. genes golia*, *D. g. nona*, *D. vinca*, *D. spica livia*, *D. cupavia elka*, *D. merida*, *D. mentor*, *D. mora*, *D. carnis sonda*, *D. c. carnis*, *D. pantha*, *D. tona*, *D. decca decca*, *D. d. doppa*, *D. eburones elna*, *D. e. ena*, *D. rosea*, *D. parma*, *D. mars*, *D. quadristriga regia*, *D. q. rota*, *D. q. rusa*, *D. rubia*, *D. xicca paza*, *D. curia*, *D. curiosa*, *Falga jeconia jacta*, *F. j. ombra*, *F. j. odol*, *F. farina*, *Synapte malitiosa pecta*, *S. m. puma*, *S. m. equa*, *S. syracus shiva*, *S. salenus silna*, *S. s. osta*, *Lento* (new genus) *hermione vina*, *L. longa*, *L. kadeni*, *L. lucto*, *L. listo*, *L. apta*, *L. krexoides lora*, *L. k. ludo*, *L. k. genta*, *L. pyra*, *L. muska*, *Levina*, *Corticea* (new genus) *lysius potex*, *C. l. pena*, *Zalomes biforis merida*, *Z.*

*b. wanda*, *Z. b. illimanensis*, *Z. kenava tassa*, *Z. k. vola*, *Cantha* (new genus) *celeus calva*, *C. ivea ivea*, *C. i. honor*, *Vinius tryhana istria*, *Pheraeus honta*, *P. centra*, *P. rumba*, *Misius*, *Molo muzo*, *M. petra*, *M. stygia*, *M. menta ponda*, *M. m. menta*, *Racta* (new genus) *apella raza*, *R. plasma*, *R. racta*, *R. chiria*, *R. dalla*, *Apaeus gracilis smarti*, *Callimormus radiola janna*, *Eutocus matildae vinda*, *Virga* (new genus) *phola*, *Eprius veleda palta*, *Ludens*, *Methionopsis dolor*, *Panca*, *Sodalina*, *Mnestheus damma*, *Artines focus*, *A. trogon*, *A. satyr*, *A. fosca*, *Mnaseas bicolor macia*, *Gallio*, *Venas*, *Pamba* (new genus) *pamba*, *Sabina*, *Repens* (new genus) *repens*, *R. rept*, *Lucida* (new genus) *rogan*, *Phanes espa*, *Vidius* (new genus) *fido*, *V. nappa*, *V. mictra*, *V. tinta*, *V. nostra*, *V. laska*, *Monca* (new genus) *telata penda*, *M. branca*, *Nastra* (new genus) *tanta*, *Cymaenes idria*, *C. cavalla*, *C. laureolus loxa*, *C. chela*, *C. odilia pacer*, *C. gisca*, *C. jamba*, *Vehilius stictomenes madra*, *V. gorta*, *Sucova*, *Mnasitheus forma*, *M. nitra*, *M. nella*, *M. continua conta*, *M. c. continua*, *M. spangla*, *Moeris rita*, *M. duena*, *M. padus*, *M. striga stroma*, *M. s. strada*, *M. ekka*, *Parphorus storax sorra*, *P. felta*, *P. oca*, *P. prosper*, *P. grant*, *Molla* (new genus) *molla*, *Papias quigua*, *Cobalopsis prosa*, *C. prado*, *C. dagon*, *Arita* (new genus) *serra*, *Lerema ancillaris liris*, *L. lenta*, *Morys valerius valda*, *M. subgrisea prada*, *M. sint*, *M. yahua*, *Cumbre* (new genus) *belli eberti*, *Adlerodea lemb*, *Psoralis venta*, *P. rusta*, *P. gota*, *P. ravus*, *Tigasis altona*, *T. coda*, *Vettius crispa*, *V. diana felix*, *V. phyllus pura*, *V. p. yunga*, *V. p. prona*, *V. diversa donga*, *V. d. drona*, *V. drova*, *V. fantasos onaca*, *V. yalta*, *V. arva*, *V. coryna conka*, *Turesis basta*, *Thoon slopa*, *T. canta*, *T. ponka*, *T. yesta*, *T. ranka*, *Justinia* (new genus) *phaetusa norda*, *J. gava*, *J. justinianus cappa*, *J. j. dappa*, *J. septa*, *Eutyche sempa*, *E. angus*, *Lamponia*, *Naevolus orius naevus*, *Styrioides quota*, *S. penna*, *S. quaka*, *Dion carmenta coma*, *Enosis iccius*, *E. blenda*, *E. blotta*, *E. immaculata demon*, *Vertica* (new genus) *ibis*, *V. pudor*, *Ebusus*, *Argon*, *Sacrator* (new genus) *polites pilla*, *Lychnuchus victa*, *L. brasta*, *L. pelta*, *Talides sinois cantra*, *T. s. riosa*, *T. alternata hispa*, *Tromba* (new genus) *tromba*, *Turmada*, *Carystus hocus*, *C. periphans amax*, *C. junior*, *Telles pyrex*, *Tisias rinda*, *T. lesueuri canna*, *Moeros*, *Cobalus virbius hanta*, *Dubiella fiscella belpa*, *Carystina*, *Tellona*, *Carystoides basoches yenna*, *C. balza*, *C. lila*, *C. hondura*, *C. lebbaeus cundina*, *C. manta*, *Lychnucoides ozias ozina*, *Perichares philettes aurina*, *P. p. limana*, *P. matha*, *P. deceptus drina*, *P. chima*, *Saturnus* (new genus) *saturnus servus*, *Phlebodes campo sifax*, *P. notex*, *P. virgo*, *P. torax*, *Joanna* (new genus) *joanna*, *J. boxi*, *Punta* (new genus) *punta*, *Bruna* (new genus) *bruna*, *Quinta*, *Cynea* (new genus) *cyrus hippo*, *C. c. rhino*, *C. fista*, *C. popla*, *C. robba robba*, *C. r. nippa*, *C. hycsos somba*, *Mucia visa*, *Penicula criska*, *P. cristina*, *P. crista*, *Decinea* (new genus) *decinea denta*, *D. d. pruda*, *D. zapota*, *Oeonus egma*, *Cyclosma glamis*, *Orthos* (new genus) *orthos minka*, *O. trinka*, *Conga*, *Holguinia* (new genus) *holguin*, *Ancyloxypha ramba*, *Copaeodes jean jean*, *C. j. favor*, *Hylephila phylaeus taxus*, *H. p. anca*, *H. isonira mima*, *H. zapala*, *H. galera*, *Appia* (new genus) *appia*, *Linka*, *Polites vibex calla*, *P. baracoa loma*, *Wallengrenia "druryi"* (=otho) *sapuca*, *Pompeius* (new genus) *darina*, *P. tinga*, *Atalopedes mesogramma carteri*, *Ochlodes snowi pilza*, *Paratrytone melane poa*, *P. barroni*, *Mellana sista*, *M. pazina*, *M. noka*, *M. myron verba*, *M. angra*, *M. villa*, *Librita* (new genus) *raspa*, *Euphyes cornelius agra*, *E. ampa*, *E. tuba*, *E. bryna*, *E. antra*, *E. cherra*, *Libra*, *Hansa* (new genus) *devergens hydra*,

*Chalcone* (new genus) *chalcone corta*, *Serdis stadius dives*, *S. venezuelae fulla*, *S. viridicans lupus*, *S. v. pandra*, *S. v. edith*, *S. v. junia*, *Metron chrysogastragades*, *M. schrottkyi tomba*, *Propertius*, *Phemiades pohlicidra*, *P. vergens*, *P. milvius milor*, *Amblyscirtes tolteca prenda*, *Lerodea emba*, *Panoquina panoquinoides calna*, *P. chapada*, *P. trix*, *P. fusina sonta*, *P. f. viola*, *P. f. jumbo*, *P. luctuosa fonda*, *P. l. cineas*, *Zenis jebus janka*, *Tirynthia conda*, *Thespieus pinda*, *T. tihoneta pampa*, *T. jora*, *T. xarippe hallia*, *T. othna tinka*, *T. thona*, *T. paula*, *T. caraca*, *Vacerra bonfilius bonta*, *V. caniola elva*, *Lindra*, *Niconiades gladys*, *N. yoka*, *N. linga*, *N. loda*, *N. nabona*, *N. viridis vista*, *N. parna*, *Aides epitus duma*, *Xeniades chalestra corna*, *X. victoria*, *Saliana* (new genus) *salva*, *S. fusta*, *S. nigel*, *S. vixen*, *S. esperi*, *S. salona*, *S. morsa*, *S. saladin saladin*, *S. s. culta*, *S. s. catha*, *Thracides cleantes binota*, *T. c. quarta*, *T. c. trebla*, *T. c. quinta*, *T. nanea nida*, *Neoxeniades braesia aqua*, *N. bajula peri*, *N. seron sexton*, *N. scipio posta*, *N. s. nosa*, *N. tropa*, *N. myra*, *N. irena*, *Aroma* (new genus) *henricus balba*, *Pyrrhopygopsis agaricon nanta*; Neotropics]

- 1955b. Support for the Dos Passos/Bell proposal relating to the name "*Megathymus aryxna*" Dyar, 1905. *Bulletin of zoological Nomenclature* 11(9): 294 (30 December) [general]
- 1956a. A correction. *Lepidopterists' News* 9(6): 218 (16 April) [Hesperiidae]
- 1956b. *Addenda et corrigenda to the "Catalogue of American Hesperidae" published by the Trustees of the British Museum (Natural History)*. London, British Museum (Natural History). 4 pp. (16 August) [general]
- 1956c. Revisional notes on the Hesperidae of Europe, Asia and Australia. *Annals and Magazine of natural History* (12)9(106): 749-752 (1 October) [general; Chile, Brazil]

**Eveleigh, Eldon S.**

2012. See Smith, M. A. et al., 2012.

**Evenhuis, Neal Luit** [1952- ]

1993. A new species of *Villa* Lioy (Diptera: Bombyliidae) parasitic on *Leptotes trigemmatum* (Butler) (Lepidoptera: Lycaenidae) from Chile. *Idesia* 12: 19-23, 3 figs.
2011. Analysis of taxa depicted on the plates in the "*Genera des Insectes*" of F. É. Guérin and A. R. Percheron and their dates of publication. *Zoological Bibliography* 1(4): 171-184, 3 figs., 1 tab. (31 August) [*Papilio agesilaus* Guérin-Méneville]

**Evin, Allowen**

2013. See Mérot, C. et al., 2013.

**Ewing, Alastair W.**

1972. See Parkin, P. et al., 1972.

**Expósito, I.**

2002. See Fernández, J. L. et al., 2002.

**Exton, Lesley S.**

1985. See Turner, J. R. G. et al., [1985].

**Eyriès, Charles**

1859. Observations sur le *Morpho idomeneus* (Fabricius). *Mémoires de la Société impériale des Sciences naturelles de Cherbourg* 6: 68-72. [behavior; French Guiana]

**Ezcurra, Exequiel**

- 1986a. See Becerra, J. & E. Ezcurra, 1986a.
- 1986b. See Becerra, J. & E. Ezcurra, 1986b.
1987. See Gómez-Castañeda, J. C. et al., 1987.

**Ezcurra, Santiago A.**

- 1973a. See Alsina, M. G. et al., 1973.
- 1973b. See Bernstein, C. et al., 1973.
- 1973c. See Pace, María J. di et al., 1973.

# F

## Fabricius, Johan Christian [1745-1808]

1775. *Systema entomologiae, sistens insectorvm classes, ordines, genera, species, adiectis synonymis, locis, descriptionibus, observationibus*. Flensburgi et Lipsiae, Korte. [iv] + [xii] + [xvi] + 832 pp. ([before 30 April]) [general; new species: *Papilio pelaus*, *P. polyxenes*, *P. lavinia*, *P. sinon*, *P. chiron*, *P. thersites*, *P. chalcas*, *P. palamedes*, *P. amphimachus*, *P. odius*, *P. lybia*, *P. hippodamia*, *P. myrti*, *P. phyllis*, *P. pyrrha*, *P. rhea*, *P. andromeda*, *P. argante*, *P. phileta*, *P. lesbia*, *P. proterpia*, *P. drya*, *P. maerula*, *P. darius*, *P. nicaeus*, *P. polycarmes*, *P. chorinaeus*, *P. eribotes*, *P. moruus*, *P. orion*, *P. zangis*, *P. eurytus*, *P. hermes*, *P. penelope*, *P. egea*, *P. serina*, *P. huntera*, *P. morna*, *P. acheronta*, *P. troglodyta*, *P. biblis*, *P. portia*, *P. medea*, *P. dorcas*, *P. julia*, *P. delila*, *P. maia*, *P. endymion*, *P. strephon*, *P. cleon*, *P. aeolus*, *P. ixion*, *P. midas*, *P. cephus*, *P. colon*, *P. faunus*, *P. licursis*, *P. coridon*, *P. philemon*, *P. syrictus*, *P. menalcas*, *P. actaeon*; Neotropics]
1776. *Genera insectorvm eorvmque characteres natvrales secvndvm nvmervm, figvram, sitvm et proportionem omnivm partivm oris adiecta mantissa speciervm nvper detectarvm*. Chilonii, Mich. Friedr. Bartsch. [xvi] + 310 pp. (after 26 December) [general; new species: *Papilio lysander*, *P. crethon*, *P. orsilochus*, *P. hecale*, *P. brassolis*, *P. aegle*, *P. croesus*, *P. ocypete*, *P. ocirrhoe*, *P. arnaca*, *P. thetys*, *P. hippona*, *P. hersilia*, *P. mars*, *P. linus*, *P. icarus*, *P. licarsis*, *P. meliboeus*, *P. menippus*; South America, West Indies]
- 1781-[1782]. *Species insectorvm exhibentes eorvm differentias specificas, synonymia avctorvm, loca natalia, metamorphosin adiectis observationibus, descriptionibus*. Hamburgii et Kilonii, Carl Ernest Bohn. 2: 1-494 ([March] 1781); Appendix, pp. 495-514; Index: pp. 515-517 ("1781", [28 September 1782]) [general; new species: *Papilio asius*, *P. codomannus*, *P. hystaspes*, *P. oethon*, *P. eumeus*, *P. ianthe*, *P. blomfildia*, *P. merione*, *P. endymion*, *P. venus*, *P. croesus*, *P. talus*, *P. thisbe*, *P. pyramus*, *P. aegon*, *P. rhetus*, *P. salus*, *P. gnetus*, *P. pompeius*, *P. acis*; Neotropics]
1787. *Mantissa insectorvm sistens species nvper detectas adiectis synonymis, observationibus, descriptionibus, emendationibus*. Hafniae, Christian Gottlieb Proft. 2: [i] + 382 pp. ([27 December]) [general; new species: *Papilio octavius*, *P. cepha*, *P. lassus*, *P. hydaspes*, *P. thymetus*, *P. dardus*, *P. renatus*, *P. tullius*, *P. flegia*, *P. agatha*, *P. gnidus*, *P. getus*, *P. valens*, *P. minereus*, *P. cachrus*, *P. bias*, *P. saturnus*, *P. nicias*, *P. mercurius*, *P. momus*, *P. brontes*, *P. marcus*, *P. sebalus*, *P. maenas*, *P. clito*; Neotropics]
1793. *Entomologia systematica emendata et aucta. Secundum classes, ordines, genera, species adiectis synonymis, locis, observationibus, descriptionibus*. Hafniae, Christian Gottlieb Proft, Fil. et Soc. 3(1): [vi] + 488 pp. (after 28 August) [general; new species: *Papilio acamas*, *P. laodocus*, *P. dardanus*, *P. tros*, *P. zacyanthus*, *P. dimas*, *P. idaeus*, *P. ilus*, *P. iphidamas*, *P. homerus*, *P. sisamnus*, *P. archippus*, *P. polymenus*, *P. hydaspes*, *P. paullus*, *P. miltiades*, *P. themistocles*, *P. octavius*, *P. rebecca*, *P. bella*, *P. furcula*, *P. chelys*, *P. lethe*, *P. astina*, *P. fatima*, *P. flirta*, *P. aranea*, *P. artemisia*, *P. luna*, *P. hyperia*, *P. blandina*, *P. liberia*, *P. constantius*, *P. arminius*, *P. eurytris*, *P. lycaste*, *P. lysimnia*, *P. clara*, *P. eva*, *P. olympia*, *P. sara*, *P. aranea*, *P. pyrrha*, *P. andromeda*, *P. hyalinus*, *P. obscuratus*, *P. castalia*, *P. amaryllis*, *P. vanessa*, *P. musa*, *P. flippantha*, *P. psamathe*, *P. philippa*, *P. cipris*, *P. sosybius*, *P. cornelius*, *P. proserpina*, *P. lycaon*, *P. laches*, *P. herse*, *P. liria*, *P. halyma*, *Hesperia agrippa*, *H. chiton*, *H. petus*, *H. sophocles*, *H. euripedes*, *H. anacreon*, *H. thales*, *H. dindus*, *H. cecrops*, *H. meliboeus*, *H. tyrtaeus*, *H. augustus*, *H. columella*, *H. herodotus*, *H. theocritus*, *H. lincus*, *H. heraclitus*, *H. ceraunus*, *H. catilina*, *H. maecenas*, *H. tacitus*, *H. coenus*, *H. alphonsus*, *H. florus*, *H. lucianus*, *H. domitianus*, *H. romulus*, *H. regulus*, *H. gemellus*, *H. ptolomaeus*, *H. archimedes*, *H. lucius*, *H. ovidius*, *H. electron*, *H. aemulius*, *H. geminus*, *H. perditus*, *H. thucydides*, *H. virgilius*, *H. petronius*, *H. propertius*, *H. vitellius*, *H. plutargus*, *H. epictetus*, *H. chemnis*, *H. muretus*, *H. mercatus*, *H. vespasius*, *H. phocion*, *H. mithridates*, *H. cassander*, *H. polybius*, *H. ennius*, *H. scipio*, *H. clericus*, *H. lucas*, *H. nepos*, *H. caesar*, *H. tertullianus*, *H. orcus*, *H. thrasibulus*, *H. celsus*, *H. zeuleucus*, *H. amiatus*, *H. catullus*, *H. jovianus*, *H. salvianus*, *H. pelopidas*, *H. curtius*; Neotropics]
1796. *Index alphabeticus in J. C. Fabricii entomologiam systematicam, emendatam et auctam, ordines, genera et species continens*. Hafniae, Christian Gottlieb Proft et Storch. 175 pp. [general; new names: *Papilio dorimene*, *P. epistrophus*, *P. thecla*, *Hesperia dimas*]
1797. *Epitome entomologiae Fabricianae sive nomenclator entomologicus emendatus sistens Fabriciani systematis cum Linneano comparationem adiectis characteribus ordinum et generum, specibus novis aliorum entomologorum, insectorum habitationibus nominibus germanorum francogallorum anglorum. Cum indicibus et bibliotheca Fabriciana*. Lipsiae, Feind. xvi + 224 pp. ([24 November]) [another ed., Lipsiae, J. C. Hinrichs; 1810] [authorship attributed to M. B. Borkhausen] [general]
1798. *Supplementum. Entomologiae systematicae*. Hafniae, Proft et Storch. [iv] + 572 pp. ([20 May]) [general; new species: *Papilio larinia*, *P. esra*, *P. fabia*, *P. larra*, *Hesperia zachaeus*, *H. phocion*, *H. nero*, *H. remus*; Neotropics]
1799. *Index alphabeticus in J. C. Fabricii supplementum entomologiae systematicae, ordines, genera et species continens*. Hafniae, Christian Gottlieb Proft et Storch. 53 pp. ([12 December]) [general]
- 1807a. See Illiger, J. K. W., 1807a.
- 1807b. *Rechenschaft an das Publicum über seine Classification der Glossaten*. Joh. Christ. Fabricii *Systema Glossatorum*, Vol. 1. *Zeitung für Literatur und Kunst in den königlichen dänischen Staaten* (Kiel) 21: 81-84 (11 September) [general]
1938. *Systema glossatorum secundum ordines, genera, species adiectis synonymis locis, observationibus, descriptionibus*, pp. [i]-xii, 13-112. In: Bryk, F., J. Chr. Fabricius, *Systema Glossatorum* (Brunovici 1807). Neubrandenburg, Verlag Gustav Feller. [i]-xii, [i]-xii, 13-112, 277-289, 81-84. [facsimile of the incomplete proof of the *Systema Glossatorum*, printed in 1807 in Brunovici by Karl Reichard, plus facsimiles of Fabricius, 1807a, 1807b]

[general; new names: *Papilio serpentaria*, *P. alphenor*, *P. citri*, *P. anguicidas*, *P. hibisci*, *P. scaevola*, *P. citrulli*, *P. pausanias*, *P. archimedes*, *P. altheae*, *Morpho psidii*, *M. punicae*, *M. musae*, *M. mithridates*, *Limenitis theobromatis*, *L. petraea*, *Cynthia cassavae*; Neotropics]

**Fabrikov, Dmitri**

2018. See Guil-Guerrero, J. L. et al., 2018.

**Faccioni-Heuser, Maria Cristina**

2010. See Borges, E. de O. et al., 2010.

**Fänger, Harald**

1999. Comparative morphology of tergal phragmata occurring in the dorsal thoraco-abdominal junction of ditrysian Lepidoptera (Insecta). *Zoomorphology* 119(3): 163-183, 98 figs. (November) [general]

**Fage, James**

2017d. See Vane-Wright, R. I. et al., 2017.

**Fager, Edward William** [1917-1976]

1952. Migration notes from Mexico. *Lepidopterists' News* 6(1/3): 44 (8 August) [*Libytheana bachmanii larvata* (Strecker), *Phoebis agarithe* (Boisduval)]

**Fagilde, María del Carmen**

2010. See Lauranzón, B. et al., 2010.

2011. See Lauranzón, B. et al., 2011.

2013. See Lauranzón, B. et al., 2013.

**Fagua, Giovanni**

1996. Comunidad de mariposas y artropofauna asociada con el suelo de tres tipos de vegetación de la Serranía de Taraira (Vaupés, Colombia). Una prueba del uso de mariposas como bioindicadores. *Revista colombiana de Entomología* 22(3): 143-151, 5 figs., 6 tabs. (July-September) [general]

1999. *Variación de las mariposas y hormigas de un gradiente altitudinal de la Cordillera Oriental (Colombia)*, pp. 317-362, 12 figs., 4 tabs. In: Amat, G. D., M. G. Andrade & F. Fernández (Eds.), *Insectos de Colombia. Volumen II*. Bogotá, Academia colombiana de Ciencias exactas, físicas y naturales. (Colección Jorge Álvarez Lleras, 13) (November) [general]

2002. See Gómez, M. del R. & G. Fagua, 2002.

2004. See Le Crom, J. F. et al., 2004.

2011. See Huertas, B. C. & G. Fagua, 2011.

2012a. See Durán, J. et al., 2012.

2012b. See Gutiérrez, I. M. & G. Fagua, 2012.

2016. See Huertas, B. C. et al., 2016.

**Fagua, Giovanni, Angela Rocío Amarillo and Miguel Gonzalo Andrade**

1997. Uso de mariposas (Lepidoptera) como indicadores del grado de intervención en la cuenca del Río Pato (Caquetá). *Resúmenes. XXIV Congreso. Sociedad colombiana de Entomología*, p. 58 [general; Colombia]

1999. *Mariposas (Lepidoptera) como bioindicadores del grado de intervención en la cuenca del Río Pato (Caquetá)*, pp. 285-315, 10 figs., 4 tabs. In: Amat, G. D., M. G. Andrade & F. Fernández (Eds.), *Insectos de Colombia. Volumen II*. Bogotá, Academia colombiana de Ciencias exactas, físicas y naturales. (Colección Jorge Álvarez Lleras, 13) (November) [general; Colombia]

**Fagua, Giovanni, María del Rosario Gómez and Alberto Gómez**

2002. Estudio de viabilidad para la cría de mariposas y coleópteros como alternativa productiva para la regeneración del bosque en territorios dedicados a la siembra de cultivos ilícitos en San José del Guaviare (Colombia). *Boletín de la Sociedad entomológica aragonesa* 30: 223-224 (May) [general]

**Fagua, Giovanni, and Natalia Ruiz**

1996. *Relaciones de herbivoría entre papiliónidas (Lepidoptera) y especies de Aristolochia (Aristolochiaceae)*, pp. 473-541, 17 figs., 17 tabs. In: Andrade, M.G., G. D. Amat & F. Fernández (Eds.), *Insectos de Colombia. Estudios escogidos*. Bogotá, Academia Colombiana de Ciencias Exactas, Físicas y Naturales (Colección Jorge Álvarez Lleras, NE 10) (September) [general]

**Fagua, Giovanni, Natalia Ruiz, Favio González and Miguel Gonzalo Andrade**

1998. Calidad del hospedero en el ciclo de desarrollo de *Battus polydamas* (Lepidoptera: Papilionidae: Troidini). *Revista colombiana de Entomología* 24(3/4): 131-140, 6 figs., 6 tabs. (July-December) [host plants; ecology; behavior; Colombia]

**Fagundes, Antônio Carlos**

1965. Em resposta à sua consulta.- Lagartas em laranjeira. *Informativo rural e econômico* (Pôrto Alegre) 11(5): 2 (May) [Papilionidae; Brazil]

1970. Resinose do abacaxi. *Correio do Povo* (Pôrto Alegre) 1970(2): 5 (6 February) [Lycaenidae; Brazil]

**Fagundes, Marcílio**

1992. See Zanuncio, J. C. et al., 1992.

2008. See Neves, F. de S. et al., 2008.

2012. See Gozzi, M. R. et al., 2012.

**Fainette, Henry**

1989. See Muñoz, J. B. et al., 1989.

**Fairclough, J. Patrick A.**

2018. See Parnell, A. J. et al., 2018.

**Faisthuber, Walter**

2011. Bemerkungen zum Verhalten von *Papilio (Pterourus) garamas faisthuberi* (Schäffler & Frankenbach, 2011) in der Umgebung von Monteverde, Costa Rica. *Notes on Butterflies* (Kelttern) 4: 8 (11 April) [behavior]

**Fajardo, Álvaro**

[2004]. See Díazgranados, M. et al., [2004].

**Fajardo, Gonzalo Ernesto**

2006. See Fraija, N. & G. E. Fajardo, 2006.

**Fajardo, Jairo**

1999. See Aldana, J. A. et al., 1999.

**Fajardo, Javier, Janeth Lessmann, Elisa Bonaccorso, Christian Devenish and Jesús Muñoz**

2014. Combined use of systematic conservation planning, species distribution modelling, and connectivity analysis reveals severe conservation gaps in a megadiverse country (Peru). *PLoS ONE* 9(12)(e114367): 1-23, 3 figs., 3 tabs. (5 December) [Heliconiini]

**Falanghe, Orestes**

1948. Constatação de uma coleobroca como praga do abacaxi. *O Biológico* (São Paulo) 14(7): 165-167, pl. 8, 1 fig. (July) [*Thecla basilides* (Geyer); Brazil]

**Falcão, Martha de Aguiar, and Charles Roland Clement**

2000. Fenologia e produtividade do ingá-cipó (*Inga edulis*) na Amazônia central. *Acta amazonica* (Manaus) 30(2): 173-180, 1 fig., 3 tabs. (June) [*Heliconius numata* (Cramer); Brazil]

**Faldini, José Daniel, and José Antonio Pastrana**

1952a. *B. thuringiensis* B., agente entomógeno de *Colias lesbia* F. *Idia* (Buenos Aires) 5(55): 5 (July) [Argentina]

1952b. *Bacillus thuringiensis* como agente entomófago de *Colias lesbia*. *Revista argentina de Agronomía* 19(3): 154-165, 3 figs., 3 tabs. (September) [Argentina]

**Fales, Henry Marshall** [1927-2010]

1986. See Young, A. M. et al., 1986.

**Fan, Xiao-Ling**

2017. See Zhang, J. et al., 2017.

**Fancelli, Marilene**

2004. *Pragas e seu controle*, pp. 195-208, 6 figs., 1 tab. In: Borges, A. L. & L. da S. Souza (Eds.), *O cultivo da bananeira*. Cruz das Almas, Empresa Brasileira de Pesquisa Agropecuária. [*Caligo illioneus* (Cramer), *Opsiphanes invirae* (Hübner), *O. cassiae* (Linnaeus); host plant; parasitoids; Brazil]
- Fancelli, Marilene, and Antonio Lindemberg Martins Mesquita**  
1998a. *Pragas da bananeira*, pp. 41-51, 14 figs., 3 tabs. In: Sobrinho, R. B., J. E. Cardoso & F. das C. O. Freire (Eds.), *Pragas de fruteiras tropicais de importância agronômica*. Brasília, Embrapa. [*Caligo illioneus* (Cramer), *C. brasiliensis* (C. Felder), *Opsiphanes invirae* (Hübner); host plants; parasitoids; Brazil]
- 1998b. *Pragas do maracujazeiro*, pp. 169-180, 10 figs., 1 tab. In: Sobrinho, R. B., J. E. Cardoso & F. das C. O. Freire (Eds.), *Pragas de fruteiras tropicais de importância agronômica*. Brasília, Embrapa. [*Dione juno* (Cramer), *Agraulis vanillae* (Linnaeus); host plants; Brazil]
- Fancelli, Marilene, and José Djair Vendramim**  
1992. Aspectos biológicos de *Ascia monuste orseis* (Godart, 1819) (Lepidoptera, Pieridae) em cultivares de couve. *Anais da Sociedade entomológica do Brasil* 21(3): 357-366, 1 fig., 3 tabs. [life history; Brazil]
1993. Não preferência para alimentação e oviposição de *Ascia monuste orseis* (Godart) (Lepidoptera: Pieridae) em cultivares de couve. *Anais da Sociedade entomológica do Brasil* 22(2): 231-237, 4 tabs. (September) [host plant; Brazil]
- Fandrigh, Steffi**  
2013. See Petschenka, G. et al., 2013.
- Fang, Shou-Min**  
2016. See Yu, Q.-Y. et al., 2016.
- Fang, Xiaoling**  
2018. See Han, Y. et al., 2018.
- Farfán, Jackie Jannete**  
2015a. See Cerdeña, J. A. et al., 2015.  
2015b. See Cerdeña, J. A. & J. J. Farfán, 2015.  
2018. Mariposas (Lepidoptera: Papilionoidea) de Arequipa, Perú: Lista preliminar con dos nuevos registros para Perú. *Revista peruana de Biología* 25(4): 357-370, 3 figs., 2 tabs. (7 December) [general]
- Faria, Ana Maria de**  
1990. See Bergmann, E. C. et al., 1990.
- Faria, Abdon Braga de**  
1979. See Zanuncio, J. C. et al., 1979.
- Faria, Altamiro C. de**  
1999. See Soares, A. et al., 1999.
- Faria, Aparecida Donisete de**  
2012. See Terra-Araújo, M. H. et al., 2012.
- Faria, Ascanio** [1903-1987]  
1940. Caça e commercio de borboletas e outros insectos ornamentaes. *Revista de Entomologia* (Rio de Janeiro) 11(1/2): 607-608 (28 June) [legislation; Brazil]
- Faria, Deborah**  
2009. See Pardini, R. et al., 2009.
- Faria, Denilson Coelho de, Almy Júnior Cordeiro de Carvalho, Ruimário Inácio Coelho and José Carlos de Oliveira Júnior**  
2009. Bud moth [sic] {*Strymon megarus* (Godart, 1824)} causes severe losses in young plants of pineapple cultivars pérola and smooth cayenne in Rio de Janeiro, Brazil. *Acta horticulturae* 822: 219-224, 1 fig., 2 tabs. (24 March) [host plant]
- Faria, Maurício Lopes de**  
2008. See Murta, A. de F. et al., 2008.  
2010. See Sousa, S. de M. et al., 2010.
2013. See Macedo-Reis, L. E. et al., 2013.
- Faria Júnior, Luiz Roberto Ribeiro**  
2011. See Santos, L. & L. R. R. Faria Júnior, 2011.
- Farias, Elizeu de Sá**  
2017. See Mairink, S. Z. et al., 2017.  
2018. See Ribeiro, A. V. et al., 2018.
- Farina, Juan Luis**  
2006. *Insectos asociados al tala* (Celtis tala), en el límite sur del espinal, pp. 166-172, figs., 2 tabs. In: Mérida, E. & J. Athor (Eds.), *Talares bonaerenses y su conservación*. Buenos Aires, Fundación de Historia Natural Félix de Azara. [*Libytheana carinenta* (Cramer), *Hypanartia bella* (Fabricius), *Doxocopa laurentia* (Godart), *Morpho epistrophus argentina* Fruhstorfer; host plants; Argentina]
- Farina, Juan Luis, and Armando C. Cicchino**  
2011. *La RNPMdP: una visión entomológica*, pp. 189-242, 22 pls., 54 figs. In: De Marco, S. G., L. E. Vega & P. J. Bellagamba (Eds.), *Reserva Natural del Puerto Mar del Plata, un oasis urbano de vida silvestre*. Mar del Plata, Universidad FASTA (June) [general; host plants]
- Fariñas, José**  
2012a. See Rodríguez, G. et al., 2012a.  
2012b. See Rodríguez, G. et al., 2012b.
- Farndon, John, and Jen Green**  
2004. *Insect kingdom*. London, Southwater. 128 pp., figs. [general]
- Farnsworth, Elizabeth J.**  
1996. See Ellison, A. M. & E. J. Farnsworth, 1996.
- Farnsworth, Elizabeth J., and Aaron M. Ellison**  
1991. Patterns of herbivory in Belizean mangrove swamps. *Biotropica* 23(4b): 555-567, 3 figs., 3 tabs. (December) [*Phocides pigmalion* (Cramer); host plant]
- Farr, A.**  
2014. See Churchyard, T. et al., 2014.
- Farr, Thomas Howard** [1919-1996]  
1967. Jamaican insects. *Jamaica Journal* 1(1): 42-47, 7 figs. (December) [general; distribution]  
1974. Natural History Column. *Jamaica Journal* 8(4): 27, 3 figs. (December) [*Lycorea ceres* (Cramer); host plant; Jamaica]  
\*1982. Description of a single specimen of the caterpillar of the Jamaican Blue or Kite Swallowtail. *Natural History Notes. Natural History Society of Jamaica* (New Issue) 1(8): 22, 1 fig. [*Eurytides marcellinus* (Doubleday); Jamaica]  
1984. Land animals of Jamaica: origins and endemism. *Jamaica Journal* 17(1): 38-48, figs. (February) [general; biogeography]  
1993. See Garraway, E. et al., 1993.
- Farrand, John, Jr.**  
1990. *Butterflies*. New York, Gallery Books. 64 pp., 113 figs. [general; Neotropics]
- Farrell, Brian D.**  
1991. See Mitter, C. & B. D. Farrell, 1991.  
1998. See Powell, J. A. et al., 1999.  
2004. See Guerrero, K. A. et al., 2004.  
2006. See Eastwood, R. et al., 2006.
- Farrell, Christopher**  
1979. Suds and mud produce papilionid and pierid profusion. *News of the Lepidopterists' Society* 1979(1): 3 (January-February) [general; mud puddling behavior; Colombia]
- Farrell, Clive Patrick** [1946- ]  
1983. See Rothschild, M. L. & C. P. Farrell, 1983.  
1986. See Rothschild, M. L. et al., 1986.
- Fassl, Anton Hermann** [1876-1922]  
1909a. *Anaea rosae* nov. spec. und ab. sex. ♀ *laticincta* m. *Societas entomologica* 24(11): 81-83, figs. (1 September)

- [general; Colombia]
- 1909b. Jugendzustände tropischer Tagfalter. *Societas entomologica* 24(14): 105-107 (15 October) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Colombia]
- 1909c. Eine Sammeltour nach dem Chocó-Gebiet in West-Columbien. *Entomologische Zeitschrift* 23(29): 130-131 (16 October) [general]
- 1909d. Jugendzustände tropischer Tagfalter. *Societas entomologica* 24(15): 115-117 (1 November) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Colombia]
- 1909e-10a. Eine Sammeltour nach dem Chocó-Gebiet in West-Columbien. *Entomologische Zeitschrift* 23(34): 152-154 (20 November 1909), (42): 186-187 (15 January 1910), (43): 190-192 (22 January 1910) [general]
- 1910b. Neue Dismorphien aus West-Columbien. *Societas entomologica* 25(3): 9-11, 8 figs. (7 May) [*Dismorphia dolorita*, *D. idae*, *D. mirandola* male aberration *negrita*, *D. altis*, *D. manuelita*]
- 1910c. *Anaea laura* Druce und *Anaea rosae* Fassl. *Societas entomologica* 25(9): 33 (30 July) [Colombia]
- 1910d. Jugendzustände tropischer Tagfalter. II. *Societas entomologica* 25(10): 37-39 (13 August) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Colombia]
- 1910e. Tropische Reisen. II. Ueber den Quindiapass. *Entomologische Zeitschrift* 24(21): 113-114 (27 August), (22): 118 (3 September), (23): 127-128 (10 September) [general; Colombia]
- 1910f. Ein vollkommener Hermaphrodit von *Perrhybris lypera* Koll. *Societas entomologica* 25(12): 47 (10 September) [general; Colombia]
- 1910g. Tropische Reisen. II. Ueber den Quindiapass. *Entomologische Zeitschrift* 24(24): 132-133 (17 September), (25): 137-138 (24 September), (26): 142-144 (1 October), (27): 149-150 (8 October) [general; Colombia]
- 1911a. Tropische Reisen. III. Die Erforschung des Monte Tolima. *Entomologische Zeitschrift* 24(46): 250-252 (18 February), (48): 259-260 (4 March), (49): 263-264 (11 March), (50): 267-268 (18 March), (51): 272 (25 March) [general; Colombia]
- 1911b. Das ♀ von *Agrias amydon* Hew. und eine neue ♂ Form. *Societas entomologica* 26(7): 27 (30 June) [*A. a.* male variety *larseni*; Colombia]
- 1911c. Jugendzustände tropischer Tagfalter. III. *Societas entomologica* 26(10): 34-35 (5 August) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Colombia]
- 1911d. Die vertikale Verbreitung der Lepidopteren in der Columbischen Central-Cordillere. *Fauna exotica* 1(6): 24 (21 October), (7): 25-26 (4 November), (8): 29-30 (18 November) [general]
- 1912a. Nochmals über *Agrias amydon* und eine neue *sardanapalus*-Form aus Columbien. *Entomologische Rundschau* 29(2): 9-10 (27 January) [*A. s.* variety *intermedius*]
- 1912b. Neue *Heliconius*-formen aus Kolumbien. *Entomologische Rundschau* 29(8): 55-56 (20 April) [general; *H. clysonimus flavopunctatus*, *H. c. fischeri*, *H. tolima*, *H. weymeri submarginatus*]
- 1912c. *Thecla episcopalis* nov. spec. *Revue mensuelle de la Société entomologique namuroise* 12(4): 42-43 (25 "May" [April]) [Colombia]
- 1912d. Jugendzustände tropischer Tagfalter. IV. *Societas entomologica* 27(9): 43-44 (27 April), (10): 46-48 (18 May) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Colombia]
- 1912e. Kämpfende Schmetterlinge. *Entomologische Rundschau* 29(10): 71-72 (25 May) [general; behavior; Colombia]
- 1912f. Jugendzustände tropischer Tagfalter. IV. *Societas entomologica* 27(11): 53-54 (1 June) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Colombia]
- 1912g. Das ♀ von *Prepona praeneste* Hew. *Entomologische Rundschau* 29(11): 76 (8 June) [*P. p.* female aberration *paradisica*; Colombia, Bolivia]
- 1912h. *Anaea ludmilla* m. eine neue Form aus der *panariste*-Gruppe. *Entomologische Rundschau* 29(13): 85-86, 3 figs. (3 July) [Colombia]
- 1912i. Neue Papilioniden aus Südamerika. *Entomologische Rundschau* 29(16): 103-104 (17 August) [general; *Papilio chibcha*, *P. euterpinus* variety *eburneus*; Peru, Colombia]
- 1912j. Neue Nymphaliden aus Südamerika. *Entomologische Rundschau* 29(19): 121-123 (28 September) [general; *Prepona chromus* female aberration *ochracea*, *Eresia castilla* form *occidentalis*, *Epiphile epimenes* form *kalbreyeri*, *E. epicaste* female aberration *bonplandioides*, *E. dinora*; Colombia, Peru, Bolivia]
- 1912k-13a. Tropische Reisen. IV. Muzo, das Land der schönsten Smaragde und Schmetterlinge. *Entomologische Rundschau* 29(23): 147-149 (7 December 1912), (24): 155-157 (21 December 1912); 30(1): 3-4 (11 January 1913), (3): 14-16 (8 February 1913), (5): 26-27 (8 March 1913), (6): 33-35 (22 March 1913) [general; Colombia]
- 1913b. Das ♀ von *Prepona buckleyana*. *Entomologische Rundschau* 30(7): 40 (12 April) [*P. b.* female aberration *olympica*; Bolivia, Colombia]
- 1913c. Neue Preponen aus Bolivien. *Entomologische Rundschau* 30(8): 43-44 (26 April) [general; *Prepona buckleyana* aberration *elevata*]
- 1913d. Die *Agrias*-formen Boliviens. *Entomologische Rundschau* 30(21): 121-123 (8 November) [general; new taxa: *A. sardanapalus* aberration *sardanapaloides*, *A. s. bolivianus* female aberration *thusnelda*, *A.* form *mapiri*]
- 1914a. Tropische Reisen. V. Das obere Caucatal und die Westcordillere. *Entomologische Rundschau* 31(7): 35-38, 1 fig. (11 April), (8): 42-46, 1 fig. (25 April), (9): 50-52, 1 fig. (9 May), (10): 57-58 (23 May) [general; *Heliconius weymeri* new aberration *sulphureomaculata*; ecology; Colombia]
- 1914b. Biologisches Bolivianischer Tagfalter. *Societas entomologica* 29(17): 75-76 (26 September) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology]
- 1914c. Tropische Reisen. VI. Die Hochcordillere von Bogota. *Entomologische Rundschau* 31(17): 97-100, 1 fig. (10 October), (18): 104-105 (7 November), (19): 108-110 (5 December), (20): 115-116, 1 fig. (31 December) [general; ecology; Colombia]
- 1915a. Die vertikale Verbreitung der Lepidopteren in der Columbischen West-Cordillere. *Entomologische Rundschau* 32(2): 9-12 (20 February) [general]
- 1915b. Tropische Reisen. VII. Ost-Columbien und die Llanos. *Entomologische Rundschau* 32(6): 33-35 (12 June), (7): 39-41, 2 figs. (10 July), (8): 43-45, 1 fig. (7 August), (9): 49-50 (4 September) [general; ecology]
- 1915c. Neue Pieriden [sic] aus Südamerika. *Deutsche entomologische Zeitschrift "Iris"* 29(2/3): 176-181, pl. 6 (1 October) [general; *Catacticta socorrensis*, *C. tolima*, *C. modesta* female aberration *rubricata*, *C. apollinari*, *C. lubentina*, *C. suprema*, *Daptoneura daguana*, *Dismorphia buchtieni*, *D. critomedia* female variety *tolimensis*, *Nathalis plauta* female aberration *coliaides*, *Colias euxanthe nigerrima*, *C. tolima*; Colombia, Peru, Bolivia]
- 1915d. Tropische Reisen VII. Ost-Columbien und die Llanos. *Entomologische Rundschau* 32(10): 56-59, 1 fig. (2



- October), (11): 63-65, 1 fig. (29 October), (12): 67-68 (26 November) [general]
- 1916a. Neue Schmetterlingsformen aus Südamerika. Papilionidae. *Deutsche entomologische Zeitschrift "Iris"* 29(4): 186-189, pls. 7-9 (10 January) [general; *Papilio lenaeus* female aberration *aymara*, *P. cinyras* aberration *ridens*; Colombia, Bolivia, Peru]
- 1916b. Drei Schmetterlings-Zwitter aus Süd-Amerika. *Deutsche entomologische Zeitschrift "Iris"* 29(4): 189-192, pl. 10, figs. 1-3 (10 January) [*Perryhris lypera*, *Eresia castilla*; Colombia, Bolivia]
- 1916c. Verzeichniss neu beschriebener Schmetterlingsformen und Jugendzustände tropischer Lepidopteren von meiner Columbien-Reise (1908-12). *Entomologische Rundschau* 33(3): 15-16 (17 March), (4): 20 (14 April), (5): 25-26 (12 May) [general]
- 1916d. *Anaea chaeronea corita* Fruhst. betreffend. *Societas entomologica* 31(6): 25-26 (26 May) [Bolivia, Colombia, Brazil]
- 1916e. Verzeichniss neu beschriebener Schmetterlingsformen und Jugendzustände tropischer Lepidopteren von meiner Columbien-Reise (1908-12). *Entomologische Rundschau* 33(6): 29-30 (9 June), (7): 32-33 (7 July), (8): 40 (4 August), (9): 46 (1 September), (10): 50 (29 September), (11): 53-54 (27 October), (12): 60 (24 November) [general]
- 1916f. Nochmals *Anaea corita* betreffend. *Societas entomologica* 31(13): 62-63 (8 December) [general]
- 1916g-17. Verzeichniss neu beschriebener Schmetterlingsformen und Jugendzustände tropischer Lepidopteren von meiner Columbien-Reise (1908-12). *Entomologische Rundschau* 33(13): 62 (22 December 1916); 34(1): 3-4 (19 January 1917), (2): 9-10 (16 February 1917), (3): 13-14 (10 March 1917), (4): 18 (13 April 1917), (5): 20-22 (11 May 1917), (6): 26 (8 June 1917), (7): 28 (6 July 1917), (8): 34 (3 August 1917), (9): 38 (31 August 1917), (10): 46 (28 September 1917), (11): 48-49 (26 October 1917), (12): 53 (23 November 1917) [general]
1918. Die vertikale Verbreitung der Lepidopteren in der Columbianischen Ost-Cordillere. *Entomologische Rundschau* 35(1): 1-4 (15 January), (8): 30-31 (15 August), (11): 44 (15 November), (12): 48-50 (15 December) [general]
1920. Meine Bolivia-Reise. *Entomologische Rundschau* 37(3): 10-11 (15 March), (4): 15-16 (15 April), (5): 17-18 (15 May), (6): 22-23 (15 June), (7): 25-27 (15 July), (8): 29-30 (15 August), (9): 34-35 (15 September), (11): 41-43 (15 November), (12): 45-48 (15 December) [general]
- 1921a. Neue und wenig bekannte *Agrias*-Formen des unteren Amazonas. *Entomologische Rundschau* 38(2): 9-10 (15 February) [general; Brazil]
- 1921b. *Callithea leprieuri dürcki* m. subsp. nov. und über *Callithea*-Raupen. *Entomologische Zeitschrift* 34(25): 98-99 (12 March) [host plant; Brazil]
- 1921c. Neue und wenig bekannte *Agrias*-Formen des unteren Amazonas. *Entomologische Rundschau* 38(3): 12-13 (15 March), (4): 18 (15 April), (5): 19-20 (17 May) [general; *A. claudia michaeli*, *A. c. godmanides*, *A. c. dubiosa*, *A. narcissus tapajonus*, *A. pericles biedermanni*, *A. phalcidon rubrobasalis*; Brazil]
- 1921d. *Agrias*-Formen vom Rio Xingu. *Entomologische Rundschau* 38(8): 33-35 (15 August) [general; new subspecies: *A. narcissus porphyronis*, *A. n. illustrissimus*, *A. phalcidon xinguensis*; Brazil]
- 1921e. *Agrias*-Formen vom Rio Maués. *Entomologische Rundschau* 38(9): 38 (15 September) [general; new subspecies: *A. claudia pulcherrima*; Brazil]
- 1921f. Zwei neue Lokalformen von *Agrias hewitsonius* von Manicoré am Rio Madeira. *Entomologische Zeitschrift* 35(14): 55 (8 October) [*A. h. fourmiera*, *A. h. viola*; Brazil]
- 1921g. *Agrias*-Formen vom Rio Maués. *Entomologische Rundschau* 38(10): 41-42 (15 October) [general; new taxa: *A. narcissus* aberration *ictericus*, *A. pericles mauensis*, *A. p.* female aberration *coronata*; Brazil]
- 1921h. Meine *Agrias*-Ausbeute von Itaituba am Rio Tapajoz. *Entomologische Rundschau* 38(11): 45-46 (15 November), (12): 49-51 (15 December) [general; new taxa: *A. phalcidon mirabilis*, *A. pericles* female aberration *chlorotaenia*; Brazil]
- 1922a. Zwei *Papilio*-Novitäten aus Brasilien. *Entomologische Rundschau* 39(1): 1 (15 January) [general; *P. androgeus* new female form *mira*]
- 1922b. In eigener Sache! *Entomologische Zeitschrift* 35(26): 106 (25 March) [*Agrias* spp.; Brazil]
- 1922c. Einige kritische Bemerkungen zu J. Röbers "Mimikry und verwandte Erscheinungen bei Schmetterlingen". *Entomologische Rundschau* 39(4): 15-16 (15 April), (5): 18-19 (15 May), (6): 22 (15 June) [general; Bolivia, Colombia, Peru, Brazil, Mexico]
- 1922d. Zwei neue *Callitaera*-Formen (Lep.). *Entomologische Zeitschrift* 36(6): 22 (17 June) [*C. rubina*, *C. phantoma*; Brazil]
- 1922e. *Eryphanis dondoni* species nova (Lep.). *Entomologische Zeitschrift* 36(7): 25 (8 July) [Brazil, Bolivia, Colombia]
- 1922f. Einige kritische Bemerkungen zu J. Röbers "Mimikry und verwandte Erscheinungen bei Schmetterlingen". *Entomologische Rundschau* 39(7): 26-27 (15 July) [general; Bolivia, Brazil]
- 1922g. Neue Schmetterlingsformen aus Brasilien. *Entomologische Zeitschrift* 36(10): 38-39 (26 August), (11): 42-43 (9 September), (12/13): 45-46 (7 October) [*Eresia metharmeoides*, *Temenis laothoe goesi*, *Catagramma excelsior manensis*, *C. strympi*, *C. astarte* aberration *preta*, *C. a.* aberration *obidensis*, *C. peristera* aberration *coeliger*, *Callithea batesii munduruca*, *C. b. aimeeana*, *Prepona omphale devioletta*, *Dynamine luisiana*, *Theope bahlmanni*]
- 1924a. Nachträge: Gattung *Agrias*. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1037-1040 (6 February), 1041 (29 February), pl. 113B. [general; new taxa: *A. claudia* form *tuschana*, *A. c.* form *ninus*, *A. c.* form *biedermanni*, *A. claudia croesus* form *vulcanus*, *A. c. c.* form *loki*, *A. c. sardanapalus* male form *belsazar*, *A. narcissus* female variety *chrysotaenia*, *A. pericles trajanus* form *praxiteles*, *A. p.* male aberration *tristis*, *A. p.* form *ahasverus*, *A. phalcidon fourmiera* new female aberration *calliste*; northern South America]
- 1924b. Die Weibchen von zwei *Agrias*-Stammformen entdeckt. *Entomologische Rundschau* 41(4): 14-15 (11 April), (5): 18 (15 May) [general; new aberrations: *A. sardanapalus* female aberration *rubrimediana*, *A. s.* female aberration *purpurea*, *A. s.* female aberration *brunhilda*, *A. s.* female aberration *suprema*, *A. s.* female aberration *coccinata*; Brazil, Bolivia]

**Fatouros, Nina E.**

2010. See Guerrieri, E. et al., 2010.  
2019. See Woelke, J. B. et al., 2019.

**Faulhaber, Kate**

2002. See Flanagan, N. S. et al., 2002.

**Faulkner, David K.**

- 1982a. The endemic butterflies of Baja California. *Environment Southwest* 497: 9-12, figs. [general; Mexico]
- 1982b. See Brown, J. W. & D. K. Faulkner, 1982.  
1984. See Brown, J. W. & D. K. Faulkner, 1984.  
1989. See Brown, J. W. & D. K. Faulkner, 1989.

1992. See Brown, J. W. et al., 1992.
2003. See Klein, M. W. & D. K. Faulkner, 2003.
- Faulkner, David K., and John Wesley Brown**
1993. The Hermes copper, *Lycaena hermes* (Edwards). *Occasional Paper of the IUCN Species Survival Commission* 8: 120-121. [Mexico]
- Faúndez, Eduardo**
2005. See Pérez, V. et al., 2005.
- Faustino, Josefa Corina Dantas**
1979. See Bastos, J. A. M. et al., 1979.
- Fauvel, Charles Adolphe Albert [1840-1921]**
1862. Catalogue des insectes recueillis a la Guyane Française, par M. E. Déplanche, chirurgien auxiliaire de la marine impériale pendant la campagne de l'avis a vapeur le *Rapide*, années 1854-55-56. *Bulletin de la Société Linnéenne de Normandie* 6: 128-144 ([before 3 February]) [general]
- Favaro, Angelo, Jr.**
1986. See Habib, M. E. E. M. et al., 1986.
- Favila, Mario Enrique**
2011. See Laurance, W. F. et al., 2011.
- Favre, Paola**
2011. See Núñez, E. O. et al., 2011.
- Favretto, Mário Arthur**
2012. Borboletas e mariposas (Insecta: Lepidoptera) do Município de Joaçaba, Estado de Santa Catarina, Brasil. *EntomoBrasilis* 5(2): 167-169, 1 tab. (August) [general]
2014. See Piovesan, M. et al., 2014.
2016. See Orlandin, E. et al., 2016.
- Favretto, Mário Arthur, Elton Orlandin, Emili Bortolon dos Santos, Mônica Piovesan and Osvaldo Onghero-Junior**
2018. Lepidoptera composition variation in riparian forests in the South of Brazil. *Biota Amazônia* 7(4): 26-29, 1 fig., 1 tab. ("December 2017"; 2018) [general]
- Favretto, Mário Arthur, Mônica Piovesan, Elton Orlandin and Emili Bortolon dos Santos**
2015. Lepidoptera em um fragmento florestal urbano no sul do Brasil. *Scientia plena* 11(3): 1-6, 1 fig., 1 tab. (March) [general]
- Favretto, Mário Arthur, and Emili Bortolon dos Santos**
2014. Lepidoptera de uma área ribeirinha nos Municípios de Ouro e Capinzal, Santa Catarina, região sul do Brasil, com um novo registro para o estado. *Revista eletrônica de Biologia* (Sorocaba) 7(1): 35-42, 1 tab., 1 graph. [general]
2017. New records of Lepidoptera (Insecta) in altitudinal grasslands in state of Santa Catarina, Southern Brazil. *Acta biológica catarinense* 4(1): 62-67, 3 figs., 1 tab. (June) [*Vanessa braziliensis* (Moore), *Urbanus zagorus* (Piötz)]
- Favretto, Mário Arthur, Emili Bortolon dos Santos and Cleiton José Geuster**
- 2013a. Entomofauna do Oeste do Estado de Santa Catarina, Sul do Brasil. *EntomoBrasilis* 6(1): 42-63, 4 figs., 1 tab. (April) [general]
- 2013b. *Insetos do oeste de Santa Catarina*. Campos Novos, Authors. 318 pp., 226 figs. [general; Brazil]
- Faynel, Christophe**
2003. Cinq années d'observation sur les Theclinae de Guyane française (Lepidoptera: Lycaenidae). In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane*. *Bulletin des lépidoptéristes parisiens* numéro hors-série: 24, 1 fig. (January) [Ed. 2, October 2007] [general; behavior]
2004. Les *Theclinae* de Guyane française (Lepidoptera: Lycaenidae), pp. 125-129, figs. In: Gombauld, P. (Ed.), *Insectes de Guyane: Beauté et diversité*. Cayenne, Sepanguy (December) [general]
2005. Note sur les Theclinae de Guyane (Lepidoptera: Lycaenidae). *Lambillionea* 105(3): 494-499, 20 figs. (September) [general; behavior]
- 2006a. Le genre *Oenomaus* Hübner, 1819, en Guyane française (Lepidoptera, Lycaenidae). *Bulletin de la Société entomologique de France* 111(2): 137-156, 39 figs. ([30 June] [new species: *O. isabellae*])
- 2006b. 2ème note sur les Theclinae de Guyane (Lepidoptera: Lycaenidae). *Lambillionea* 106(4)(1): 603-606, 4 figs. (December) [general; behavior; Franch Guiana]
2007. *Thecla floreus* Druce, 1907, et *T. melleus* Druce, 1907, révision de leur statut (Lepidoptera, Lycaenidae). *Bulletin de la Société entomologique de France* 112(1): 9-15, 8 figs., 1 tab. ([20] March) [general; morphology, taxonomy]
- 2008a. Le genre *Oenomaus* Hübner, 1819, en Guyane française. 2<sup>e</sup> partie (Lepidoptera, Lycaenidae). *Bulletin de la Société entomologique de France* 113(1): 15-32, 30 figs. ([25] March) [new taxa: *O. brulei*, *O. poirieri*, *O. gaia*, *O. ambiguus*, *O. melleus guyanensis*; South America]
- 2008b. See Bálint, Z. & C. Faynel, 2008.
2009. Un nouveau *Megathecla* de Guyane (Lepidoptera, Lycaenidae, Theclinae, Eumaeini). *Lambillionea* 109(3)(2): 331-335, 6 figs. (September) [*M. corentini*]
2010. 3<sup>ème</sup> note sur les Theclinae de Guyane (Lepidoptera: Lycaenidae). *Lambillionea* 110(1)(1): 9-16, 8 figs. (April) [general; behavior; host plants; French Guiana]
2016. See Martins, A. R. P. et al., 2016.
2017. See Busby, R. C. et al., 2017.
2019. Le genre *Chalybs* Hübner, [1819] avec la description d'une nouvelle espèce du plateau des Guyanes (Lepidoptera, Lycaenidae, Theclinae). *Lambillionea* 119(3)(suppl.): 1-34, 53 figs., 2 tabs. (October) [*C. mitaraka*; Venezuela, Surinam, French Guiana]
- Faynel, Christophe, and Zsolt Bálint**
2004. Supplementary information on neotropical Eumaeini primary type material and further historical specimens deposited in the Muséum national d'Histoire naturelle, Paris (Lycaenidae, Theclinae). *Bulletin de la Société entomologique de France* 109(3): 263-286, 16 figs. ([26] August) [general]
2012. *An overview of alar organs in French Guiana hairstreaks (Lepidoptera: Lycaenidae: Theclinae, Eumaeini)*, pp. 46-54, 35 figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 5. Lycaenidae*. Paris, Association des Lépidoptéristes de France (January) [general; morphology]
- Faynel, Christophe, and Frédéric Bénélu**
2013. Note d'élevage sur deux lycènes en Guyane *Rekoa stagira* (Hewitson, 1867) et *Celmia celmus* (Cramer, 1775) (Lepidoptera, Lycaenidae, Theclinae). *Lambillionea* 113(2): 141-144, 15 figs. (September) [larvae, pupae, imagos; host plant; French Guiana]
2016. Mimétisme chromatique des chenilles de *Ministrymon azia* (Hewitson, 1873) en Guyane. *Revue de l'Association roussillonnaise d'Entomologie* 25(2): 97-100, 8 figs. (June) [host plants]
- Faynel, Christophe, Frédéric Bénélu, Stéphan Brulé and Serge Fernandez**
2017. *Dioclea guianensis* et *Dioclea virgata* (Fabaceae): plantes-hôtes de nombreux Lycaenidae et Riodinidae en Guyane. Exemples de polychromatisme larvaire cryptique (Lepidoptera). *Revue de l'Association roussillonnaise d'Entomologie* 26(3): 135-143, 29 figs. [general]
- Faynel, Christophe, Christian Brévignon and Kurt Duane**

- Johnson**  
2003. The infratribe Strephonina in French Guiana with descriptions of new species (Lepidoptera: Lycaenidae: Theclinae). *Lambillionea* 103(1)(suppl.): 1-32, 69 figs., 3 tabs. (March) [*Strephonota bicolorata*, *S. jyg*, *S. falsistrphon*, *S. tupihe*, *Zigirina palanbala*, *Serratonotes kourouciensis*, *Ostrinotes splendida*; Surinam]
- Faynel, Christophe, Robert C. Busby, Alfred Moser and Robert Kanner Robbins**  
2011. Species level taxonomy of the Neotropical hairstreak genus *Porthocla* (Lepidoptera: Lycaenidae: Theclinae: Eumaeini). *Annales de la Société entomologique de France* (N.S.) 47(1/2): 241-259, 48 figs. (31 July) [new species: *P. forasteira*, *P. annette*, *P. prietoi*, *P. willmotti*, *P. johanna*, *P. peruensis*; Central and South America]
- Faynel, Christophe, Robert C. Busby and Robert Kanner Robbins**  
2012. Review of the species level taxonomy of the neotropical butterfly genus *Oenomaus* (Lycaenidae, Theclinae, Eumaeini). *ZooKeys* 222: 11-45, 47 figs., 2 tabs. (20 September) [new species: *O. mancha*, *O. gwenish*, *O. lea*, *O. myrteana*, *O. mentirosa*, *O. andi*, *O. moseri*; Central and South America]
- Faynel, Christophe, and Serge Fernandez**  
2013. Note d'élevage: *Ostrinotes tarena* (Hewitson, 1874) (Lepidoptera, Lycaenidae, Theclinae). *Lambillionea* 113(1): 66-68, 6 figs. (April) [larva, pupa, imago; host plant; French Guiana]
- Faynel, Christophe, and Jhon Harryson González-Mercado**  
2019. Crianza de *Michaelus phoenissa* (Lepidoptera: Lycaenidae) sobre *Senna alata* (Fabaceae) en Perú. *Revista peruana de Biología* 26(2): 265-269, 1 fig., 1 tab. (published online 6 July) [larva, pupa, adult; host plants]
- Faynel, Christophe, and Kurt Duane Johnson**  
2000. A new species of *Strymon* Hübner from French Guiana (Lepidoptera, Lycaenidae). *Bulletin de la Société entomologique de France* 105(4): 375-379, 8 figs. ([10] November) [*S. gallardi*; host plant]
- Faynel, Christophe, and Alfred Moser**  
2008. The Neotropical genus *Oenomaus* Hübner with description of eight new species belonging to the *atena* group (Lepidoptera, Lycaenidae). *Lambillionea* 108(2)(suppl. 1): 1-36, 13 pls., 10 figs., 1 tab. (June) [Erratum. *Ibidem* 108(3): 361, pl. 10] (September) [*O. jaffretii*, *O. taua*, *O. griseus*, *O. druceus*, *O. magnus*, *O. morroensis*, *O. nigra*, *O. curiosa*; Panama; South America]
2011. Three new *Strephonota* species from Peru (Lepidoptera, Lycaenidae, Theclinae, Eumaeini). *Lambillionea* 111(2): 173-178, 20 figs. (August) [*S. buechei*, *S. caeruleus*, *S. berardi*]
- Faynel, Christophe, and Robert Kanner Robbins**  
2014. Description d'un nouveau Lycaenidae de l'inselberg des Nouragues et de deux autres espèces inédites provenant de la forêt de la Montagne de Kaw en Guyane (Lepidoptera: Theclinae: Eumaeini). *Annales de la Société entomologique de France* (N.S.) 50(2): 191-201, 18 figs. ("June"; published online 14 November) [nomenclaturally unavailable names; Central and South America]
2015. Corrigendum. *Siderus nouraguensis* n. sp., *Nicolaea salki* n. sp. et *Ostrinotes silva* n. sp. (Lepidoptera: Theclinae: Eumaeini). *Annales de la Société entomologique de France* (N.S.) 51(2): 196 ("March"; published online 6 August) [names made available]
- Fazolin, Murilo**  
2001. Reconhecimento e manejo integrado das principais pragas da cultura do abacaxi no Estado do Acre. *Documentos Embrapa Acre* 62: 1-26, 19 figs., 1 tab. (September) [*Thecla basilides* (Geyer); host plant; Brazil]
2003. See Estrela, J. L. V. et al., 2003.
- Feder, Jeffrey L.**  
2016. See Schuler, H. et al., 2016.  
2018. See Schilling, M. P. et al., 2018.
- Feder, Jeffrey L., Scott P. Egan and Patrik Nosil**  
2012. The genomics of speciation-with-gene-flow. *Trends in Genetics* 28(7): 342-350, 3 figs. (July) [*Heliconius*]
- Feeny, Paul P. [1940- ]**  
1981. See Brown, K. S., Jr. et al., 1981.  
1983. See Blau, W. S. & P. P. Feeny, 1983.  
1989. See Miller, J. S. & P. P. Feeny, 1989.  
1991. *Chemical constraints on the evolution of swallowtail butterflies*, pp. 315-340, 3 figs., 1 tab. In: Price, P. W., T. W. Lewinsohn, G. W. Fernandes & W. W. Benson (Eds.), *Plant-animal interactions. Evolutionary Ecology in Tropical and Temperate Regions*. New York, John Wiley & Sons, Inc. [general; host plants]
- 1995a. *Ecological opportunism and chemical constraints on the host associations of swallowtail butterflies*, pp. 9-15, 1 fig. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- 1995b. See Sperling, F. A. H. & P. P. Feeny, 1995.
- Feeny, Paul P., Lorraine Rosenberry and Maureen Carter**  
1983. *Chemical aspects of oviposition behavior in butterflies*, pp. 27-76, 6 figs., 11 tabs. In: Ahmad, S. (Ed.), *Herbivorous insects. Host-seeking behavior and mechanisms*. New York, Academic Press. [general]
- Fehn, Licelma Martins**  
1966. Estudo da ação de inseticidas sistêmicos no combate às pragas das crucíferas. *Pesquisa agropecuária brasileira* 1: 101-121, 18 figs., 2 tabs. [*Ascia monuste orseis* (Godart), *Synchlloe autodice* Hübner; host plants; Brazil]
- Fehn, Licelma Martins, and Andréj Bertels**  
1979. Levantamento da população de insetos capturados em armadilha luminosa, em pessegueiro, Pelotas-RS. *Anais da Sociedade entomológica do Brasil* 8(2): 177-194, 1 fig., 4 tabs. [*Euptoieta claudia* (Cramer); Brazil]
- Feil, Jan P.**  
1997. See Ervik, F. & J. P. Feil, 1997.
- Feinstein, Julie**  
2010. See Robbins, R. K. et al., 2010a.
- Feinstein, Julie, Scott Mori and Amy Berkov**  
2007. Saproflorivory: A diverse insect community in fallen flowers of Lecythidaceae in French Guiana. *Biotropica* 39(4): 549-554, 1 tab. (July; published online 27 April) [Lycaenidae]
- Feio, Ana Carla**  
2017. See Silva, E. O. et al., 2017.
- Feisthamel, Joaquim François Philibert de [1791-1851]**  
1835a. Callithée. *Callithea*. Boisduval. *Magasin de Zoologie* 5(Classe IX): [i-ii], pl. 122 (31 March) [new species: *Callithea leprieuri*; French Guiana]
- [1835]b. [A note]. *Bulletin de la Société entomologique de France* 3(4): lxvii (after March) [new species: *Callithea leprieuri*; French Guiana]
- 1835c. [A note]. *Bulletin de la Société entomologique de France* 4(1): xxxi (after March) [*Callithea* spp.]
- 1835d. *Heliconia leprieuri*. *Annales de la Société entomologique de France* 4(3): 631-632, pl. 18, fig. A.1 (after September) [French Guiana]
1839. Lépidoptères nouveaux recueillis pendant le voyage

- autour du monde de la Favorite, sous le commandement de M. Laplace, capitaine de frégate, illustrés et décrits. *Magasin de Zoologie d'Anatomie comparée et de Palaeontologie* (2)1(Insectes): 4 + 9 pp., pls. 17-19, 20-26 (after 15 July) [general; *Callydrias amphitrite*, *Satyrus montrolii*; Chile]
- [1840]. *Supplément a la zoologie du voyage autour du monde de la Favorite, sous le commandement de M. Laplace, capitaine de frégate. Lépidoptères nouveaux, recueillis pendant ce voyage, illustrés et décrits.* iv + 30 + 2 pp., 10 pls. In: Eydoux, F. (Ed.), *Voyage autour du monde par les mers de l'Inde et de Chine exécuté sur la corvette de l'état la Favorite pendant les années 1830, 1831 et 1832 sous le commandement de M. Laplace, capitaine de frégate.* Paris, Arthus Bertrand. 5. ("1839", [6 May 1840]) [general; Chile]
- Feitoza, Edsângela de Araújo**  
2008. See Siqueira, K. M. M. de et al., 2008.  
2010. See Kiill, L. H. P. et al., 2010.
- Felder, Cajetan** [1814-1894]  
1861. Ein neues Lepidopteron aus der Familie der Nymphaliden und seine Stellung im natürlichen Systeme, begründet aus der Synopse der übrigen Gattungen. *Novorum Actorum Academiae Caesareae Leopoldino-Carolinae germanicae Naturae Curiosorum* 28(3): 1-50, 1 pl. (22 April) [general; new genera: *Antigonis*, *Amphichlora*, *Cyane*, *Nymphalis*, *Libythina*, *Callitaenia*]  
1862. Verzeichniss der von den Naturforschern der k. k. Fregatte "Novara" gesammelten Macrolepidopteren. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 12(1)(1/2): 473-496 (4 June) [general; new taxa: *Terias nisella*, *T. plataea*, *Thecla beon* variety *janeirica*, *Desmozona azan* variety *australis*, *Ithomia phlysto*, *Acraea euterpe*, *Callicore janeira*, *Pavonia eurylochus* [sic] variety *brasiliensis*, *Hesperia ares*, *Ancyloxypha* (new genus) *corades*, *Hesperocharis*, *Carterocephalus exornatus*, *C. polyspilus*; Brazil, Chile]
- Felder, Cajetan, and Rudolf Felder**  
1859-60. Lepidopterologische Fragmente. *Wiener entomologische Monatschrift* 3(6): 178-186, pls. 3-4 (June 1859), (9) 263-273, pl. 5 (September 1859), (11): 321-328, pl. 6 (November 1859), (12): 390-405, pls. 7-9 (December 1859); 4(4): 97-112, pls. 1-2 (April 1860), (8): 225-251, pls. 3-4 (August 1860) [general; new taxa: *Epicalia hewitsoni*, *Narope cyllene*, *Lasiophila* (new genus) *cirta*, *L. circe*, *Euterpe corcyra*, *E. critias*, *Pyrrhopyga jonas*, *Papilio laodamas*, *P. hippomedon*, *Euterpe tagaste*, *Heliconia peruviana*, *Cybdelis thrasylla*, *Pyrrhopyga antias*, *Erycides charon*, *Goniloba discolor*, *Danais xanthippus*, *Ithomia euryanassa*, *Dircenna xantho*, *D. rhoeo*, *Thyridia pytho*, *Methona megisto*, *Acraea alalia*, *Eueides thyana*, *Aegiale* (new genus) *kollari*, *Epicalia batesii*, *Megistanis deucalion*, *Morpho cisseis*; Peru, Brazil, Venezuela, Colombia, Mexico]  
1861. Lepidoptera nova Columbiae. *Wiener entomologische Monatschrift* 5(3): 72-87 (March), (4): 97-111 (April) [general; new taxa: *Papilio lepidus*, *P. latinus*, *P. laodamas*, *P. hostilius*, *P. alyattes*, *P. osyris*, *P. theramenes*, *P. lycortas*, *P. coroebus*, *Leptalis viridula*, *L. aequatorialis*, *L. mercenaria*, *L. flavia*, *L. nasua*, *L. kadenii*, *L. citrinella*, *L. core*, *L. hyposticta*, *Euterpe uricoecheae*, *E. potamea*, *E. philoscia*, *E. callinice*, *E. critias*, *Pieris suadella*, *P. tovaria*, *P. olympia*, *P. euthemia*, *P. mandela*, *P. locusta*, *P. sevata*, *P. diana*, *P. aelia*, *P. leucanthe*, *Callidryas rurina*, *C. boisduvalii*, *Colias cerbera*, *C. therapis*, *Terias bogotana*, *T. salome*, *T. limoneus*, *T. fabiola*, *T. theodes*, *T. aequatorialis*, *T. limbica*, *T. columbia*, *T. vitellina*, *T. lydia*, *T. rhodia*, *T. medutina*, *T. marginella*, *Erycina neurodes*, *Calydna punctata*, *Theope publius*, *Amarynthis hypochalybe*, *Symmachia arete*, *S. mantinea*, *S. galbula*, *Eresis tenedia*, *E. cypria*, *Charis hermodora*, *C. nilus*, *Moritzia* (new genus) *paradoxa*, *Mesosemia amiana*, *Lemonias albinus*, *L. kadenii*, *Limnas cinaron*, *Necyria fulminatrix*, *Acraea erinome*, *Eueides heliconioides*, *E. dynastes*, *Agraulis glycera*, *Eresia encina*, *E. leucodesma*, *E. delphia*, *E. drusilla*, *E. perlula*, *Eunica aspasia*, *E. campana*, *E. indigophana*, *E. picea*, *E. cabira*, *Epiphile iblis*, *Myscelia leucocycana*, *Epicalia salambria*, *Eubagis theseus*, *Perisama xenoclea*, *Callitaenia doris*, *Catagramma aegina*, *C. stratiotes*, *Cyane depuisei*, *Timetes catulus*, *T. marcella*, *T. hermione*, *Heterochroa justina*, *H. malea*, *Apatura elis*, *Nymphalis cleodice*, *N. tempe*, *N. onophis*, *N. chaeronea*, *Morpho patroclus*, *Caligo oileus*, *Opsiphanes tamarindi*; Venezuela, Colombia, Ecuador, Peru, Mexico]  
1862a. Specimen faunae lepidopterologicae riparum fluminis Negro superioris in Brasilia septentrionali. *Wiener entomologische Monatschrift* 6(3): 65-80 (March), (4): 109-126 (April), (6): 175-192 (June), (7): 229-235 (July) [general; new taxa: *Papilio anaximenes*, *P. eurtas*, *Euterpe bellona* variety *negrina*, *E. calymnia*, *E. leucadia*, *Callidryas wallacei*, *Leucidia elphos*, *Eurybia franciscana*, *Erycina laodomia*, *E. callias*, *Nymphidium calyce*, *Charis theodora*, *Orestias* (new genus) *vitula*, *Brachyglenis* (new genus) *esthema*, *Monethe albertus*, *Lycorea pales*, *Thyridia ino*, *Ithomia eurimedia* variety *negricola*, *I. pharo*, *I. agarista*, *I. epicharme*, *Acraea terpsinoe*, *A. negra*, *Heliconius aerotome*, *H. aglaope*, *H. amaryllis*, *Agraulis lucina*, *Eresia berenice*, *Junonia lavinia* variety *occidentalis*, *Eunica flora*, *E. phasia*, *Epiphile negrina*, *Batesia* (new genus) *hypochlora*, *Eubagis salpensa*, *Callicore lidwina*, *Catagramma salamis*, *Pyrrhogyra lysanias*, *Heterochroa alala* variety *negra*, *H. ximena*, *H. urraca*, *Apatura linda*, *A. griseldis*, *Megistanis deucalion*, *Hypna clytaemnestra* variety *negra*, *Nymphalis eurypile*, *N. glauce*, *N. glaucone*, *N. leuctra*, *N. anassa*, *Olina caecilia*, *Opsiphanes cassina*, *Pavonia euphorbus*, *Morpho menelaus* variety *occidentalis*, *Antirrhaea hela*, *Haetera hortensia*, *H. lena* variety *brasiliensis*, *H. pireta* variety *aurora*, *H. piera* variety *negra*, *Taygetis cleopatra*, *Neonympha pimpla*, *N. fallax*, *Oxynetra* (new genus) *semihyalina*, *Conognathus* (new genus) *platon*, *Eudamus vulturnus*, *E. porcius*, *E. oryx*, *E. atletes*, *Ancistrocampa* (new genus) *syllius*, *Phareas priscus*, *Acentrocname*, *Chaetoneura* (new genus) *hippalus*, *C. sataspes*, *Tmetoglene*]  
1862b. Lepidoptera nova Columbiae. *Wiener entomologische Monatschrift* 6(12): 409-427 (December) [general; new taxa: *Leptalis cordillera*, *L. arcadia*, *Eurybia donna*, *Necyria lindigii*, *Mesosemia phelina*, *Ithomiopsis* (new genus) *corena*, *I. astrea*, *Athyrtis* (new genus) *mechanitis*, *Mechanitis idae*, *Dircenna panthyle*, *Ithomia excelsa*, *I. susiana*, *Acraea eresia*, *A. trinacria*, *A. callianthe*, *Heliconius euphone*, *H. messene*, *H. ithaca*, *H. cassandra*, *Eresia castilla*, *Eurema lindigii*, *Gnathotriche*, *Eunica olympias*, *E. araucana*, *Siderone vulcanus*, *S. thebais*, *Coenophlebia*, *Pavonia telamonius*, *P. lycomedon*, *Morpho iphiclus*, *Antirrhaea philaretos*, *A. philopoemen*, *A. lindigii*, *A. geryon*, *Taygetis calliomma*, *Daedalma dorinda*; Colombia, Venezuela, Ecuador, Surinam]  
1864. Species lepidopterorum hucusque descriptae vel iconibus

expressae in seriem systematicam digestae. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 14(3): 289-378 (after 3 August) [general; new taxa: *Papilio vertumnus* variety *bogotanus*, *P. rhamases*, *P. toxaris*, *P. gundlachianus*, *P. deicoon*, *P. telesilaus*, *Euryades*; Neotropics]

[1865]-74. *Reise der österreichischen Fregatte Novara um die Erde in den Jahren 1857, 1858, 1859 unter den Befehlen des Commodore B. von Wüllerstorff-Urbair. Zoologischer Theil. Zweiter Band. Zweite Abtheilung: Lepidoptera.* Wien, Carl Gerold's Sohn. (1): [4] + 1-136, pls. 1-21 ([12 January 1865]), (2): [2] + 137-378, pls. 22-47 ([after October] 1865), (3): [2] + 379-536, pls. 48-74 ([25 April] 1867), (4): [6] + 1-9 [explanation of plates] ([31 December] 1874) [part (4) partly edited by A. F. Rogenhofer] [for authorship, collation and dates of publication see Nässig & Speidel, 2007] [general; new taxa: *Papilio eteocles*, *P. idalion*, *P. polyzelus*, *P. xenares*, *P. anacharsis*, *P. pisander*, *P. anaximander*, *P. phrynichus*, *P. echion*, *P. polyphron*, *P. alcamedes*, *P. aristomenes*, *P. aristagoras*, *P. hephaestion*, *P. therodamas*, *P. athous*, *P. oedipus*, *P. deileon*, *P. archesilaus*, *P. penthesilaus*, *P. anaxilaus*, *P. thrason*, *P. theophron*, *P. bachus*, *P. ascolius*, *P. ctesias*, *P. clearchus*, *P. philocleon*, *P. helleri*, *Leptalis aphrodite*, *L. limnorina*, *L. cornelia*, *L. arsinoe*, *L. amphithea*, *Hesperocharis nereis*, *Euterpe zenobia*, *E. tomyris*, *E. philais*, *E. philonarche*, *E. philothea*, *E. troezene*, *E. zancle*, *E. philone*, *E. pitana*, *E. pieridoides*, *Pieris polyhymnia*, *P. euryymnia*, *P. laria*, *P. semicaesia*, *P. pinara*, *Colias euxanthe*, *Terias damaris*, *T. chloe*, *T. gaugamela*, *T. constantia*, *T. theona*, *T. tegea*, *T. mycale*, *T. lemnia*, *T. phoenicia*, *T. athalia*, *T. smilacina*, *Pseudolycaena paphia*, *P. antinous*, *P. boreas*, *P. bathildis*, *P. leucogyna*, *P. paupera*, *P. platyptera*, *P. aegides*, *P. cadmus*, *P. tolmides*, *P. timaeus*, *P. danaus*, *P. tityrus*, *P. viridicans*, *P. paphlagon*, *P. spurius*, *P. nana*, *Thecla albata*, *T. commodus*, *T. loxurina*, *T. nicetus*, *T. sabinus*, *Eurybia juturna*, *Helicopsis selene*, *Erycina pausias*, *E. cacica*, *Theope pieridoides*, *Mesene semiradiata*, *M. hyale*, *Cricosoma* (new genus) *leopardinum*, *Synapta* (new genus) *arion*, *Desmozona hemixanthe*, *Aricoris petavia*, *A. bahiana*, *Crocozona* (new genus) *pheretima*, *Diopthalma macrina*, *D. metuana*, *D. meletia*, *D. anopthalma*, *Cremna phryxe*, *Lemonias sperthias*, *L. colchis*, *L. chilensis*, *L. caecina*, *L. martialis*, *L. kadenii*, *Apodemia*, *Limnas ubia*, *Xenandra* (new genus) *heliodes*, *Chamaelimnas* (new genus) *tircis*, *Oreas* (new genus) *marathon*, *O. ctesiphon*, *Dryas*, *Esthemopsis* (new genus) *clonia*, *Lepicornis* (new genus) *melanchroia*, *Siseme minerva*, *Amblygonia* (new genus) *agathon*, *A. amarynthina*, family *Neriidae*, *Neris margarita*, *Ithomiola* (new genus) *floralis*, *Danais hermippus*, *Tithorea hecalesina*, *Lycorea demeter*, *Thyridia ceto*, *Melinaea thera*, *M. phasis*, *M. tachypetis*, *M. messenina*, *Callithomia hydra*, *Ithomia hulda*, *I. euchytmia*, *I. olyras*, *I. marica*, *I. alphi*, *I. dircenna*, *I. megalopolis*, *I. susiana*, *I. donella*, *I. quintina*, *I. alinda*, *I. hemixanthe*, *I. eulyra*, *I. asopo*, *I. apia*, *Hymenitis libethris*, *Napeogenes cranto*, *Oleria philemon*, *O. leptalina*, *Mechanitis numerianus*, *Heliconius cephalenia*, *H. polychrous*, *H. nattereri*, *H. melete*, *H. lindigii*, *Eueides xenophanes*, *Eresia dracaena*, *E. conferta*, *E. jana*, *E. nazaria*, *Synchloe paupera*, *S. mediatrix*, *S. poecile*, *S. melitaeoides*, *Eurema atropos*, *Junonia negra*, *J. zonalis*, *J. hilaris*, *J. incarnata*, *J. constricta*, *J. pallens*, *J. divaricata*, *J. infusata*, *Faunia persephone*, *F. tithonia*, *F. venusia*, *F. pomona*, *Myscelia cyanecula*, *M. cyananthe*, *Ageronia epinome*, *Ectima*

*lirina*, *E. erycinoides*, *Eubagis pieridoides*, *Perisama guerini*, *Pyrrhogyra typhoeus*, *Heterochroa olbia*, *H. aea*, *H. naxia*, *H. lemnia*, *H. thesalia*, *H. ixia*, *H. messana*, *H. himera*, *H. aeolia*, *H. thesprotia*, *H. aethalia*, *H. colada*, *H. heraclea*, *H. attica*, *H. boeotia*, *H. euboea*, *H. velia*, *H. seriphia*, *H. massilia*, *H. epidamna*, *H. olynthia*, *H. tizona*, *Apatura acca*, *A. cherubina*, *A. angelina*, *A. moritziana*, *A. clothilda*, *Prepona demophile*, *P. simois*, *Nymphalis pyrrhothea*, *N. titan*, *N. centaurus*, *N. psammis*, *N. memphis*, *N. amenophis*, *N. moeris*, *Cystineura bogotana*, *C. semifulva*, *Opsiphanes didymaon*, *O. bassus*, *Pavonia amphimedon*, *P. memnon*, *P. epimetheus*, *Morpho scipio*, *M. psyche*, *M. thamyris*, *M. iphitus*, *M. achillides*, *M. leontius*, *M. granadensis*, *M. briseis*, *Haetera latona*, *H. hymenaea*, *Taygetis larua*, *T. inornata*, *T. neonympha*, *T. anopthalma*, *Pronophila ochrotaenia*, *P. o. variety fuscata*, *P. cocytia*, *P. perperna*, *P. empusa*, *P. manis*, *P. erebia*, *P. satyroides*, *P. decorata*, *P. porphyria*, *P. apuleja*, *P. ocellifera*, *P. encycla*, *P. calisto*, *P. oculata*, *P. mycalesoides*, *Lymanopoda lebbaea*, *L. lanassa*, *L. apiculata*, *Idioneura* (new genus) *erebioides*, *Steroma andensis*, *S. pronophila*, *Neonympha epinephele*, *N. eugenia*, *N. jovita*, *N. alcinoe*, *N. sylvina*, *N. numeria*, *N. numilia*, *N. pompilia*, *N. peloria*, *N. manasses*, *N. griphe*, *N. laccine*, *N. innocentia*, *N. yphthima*, *N. antonina*, *N. harpyia*, *N. terentia*, *N. sabina*, *N. iris*, *N. calpurnia*, *N. hilara*, *Homoeonympha* (new genus) *pusilla*, *Tetraphlebia* (new genus) *germainii*, *Faunula* (new genus) *leucoglene*, *Stygnus* (new genus) *humilis*, *Epinephele dryas*, *E. valdiviae*, *E. polizona*, *E. glaucope*, *Cosmosatyrus* (new genus) *leptoneuroides*, family *Eumesiidae*, *Eumesia* (new genus) *semiargentea*, *Tamyris strigifera*, *T. hygieia*, *T. agathon*, *T. pardalina*, *Eudamus alector*, *E. harpagus*, *E. sebrus*, *E. tamyroides*, *E. orcinus*, *E. formosus*, *Hesperia vulpina*, *H. lindigiana*, *H. fractifascia*, *H. viridicans*, *H. psittacina*, *H. catargyra*, *Ancyloxypha gracilis*, *A. melanoneura*, *Carterocephalus agathocles*, *C. cypselus*, *C. dimidiatus*, *C. polycrates*, *C. epiphaneus*, *C. hesperioides*, *Leucochitonea unifasciata*, *L. stigma*, *L. sallei*, *L. cronion*, *Helias mexicana*, *H. albiplaga*, *H. haematospila*, *H. noctua*, *H. geometrina*, *H. satyrus*, *H. satyrina*; Neotropics]

#### Felder, Cajetan, Rudolf Felder and Alois Friedrich Rogenhofer

1875. *Atlas der Heterocera, Geometrida, Pterophorida.* In: *Reise der österreichischen Fregatte Novara um die Erde in den Jahren 1857, 1858, 1859 unter den Befehlen des Commodore B. von Wüllerstorff-Urbair. Zoologischer Theil. Zweiter Band. Zweite Abtheilung: Lepidoptera. Atlas.* (5): pp. [iv] + 537-548 + 1-20 + [4], pls. 121-140. Wien, Carl Gerold's Sohn. (July) [for authorship, collation and dates of publication see Nässig & Speidel, 2007] [new species: *Hedyle leptosiata*, *Phellinodes muscerdata*, *P. bahiata*; French Guiana, Brazil]

#### Felder, Rudolf [1842-1871]

1859-60. See Felder, C. & R. Felder, 1859-1860.  
 1861. See Felder, C. & R. Felder, 1861.  
 1862a. See Felder, C. & R. Felder, 1862a.  
 1862b. See Felder, C. & R. Felder, 1862b.  
 1864. See Felder, C. & R. Felder, 1864.  
 1865-74. See Felder, C. & R. Felder, [1865]-1874.  
 1869. Diagnosen neuer von dem k. k. Oberlieutenant H. v. Hedemann in Mexico in den Jahren 1865-1867 gesammelter Lepidopteren. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 19(2/3): 465-480 (after 7 July) [general; new taxa: *Terias ingrata*, *T. sidonia*, *T. nelphe*, *T. celata*,

- T. leucilla*, *Eurygona cataleuca*, *E. pusilla*, *E. eubule*, *Limnasa acroleuca*, *Emesis paphia*, *Mesene hedemanni*, *Calydna hegas*, *C. sinuata*, *Charis sulphurea*, *Baeotis zonata*, *Eresia pallescens*, *E. graphica*, *E. socia*, *E. archesileia*, *E. obscurata*, *Synchlloe misera*, *Myscelia rogenhoferi*, *Epicalia esite*, *Pyrrhogyra neis*, *Heterochroa emathia*, *Nymphalis hedemanni*, *N. pithyusa*, *N. callidryas*, *Cyllopsis* (new genus) *hedemanni*, *Pindis* (new genus) *squamistriga*, *Ancyloxypha simplex*, *Leucochitonea lugubris*, *L. pastor*, *L. canescens*, *L. pulcherius*, *L. hyalophora*, *L. pulverulenta*, *Helias pallida*, *Leucochitonea emorsa*, *L. funebris*]
1875. See Felder, C. et al., 1875.
- Feldman, Israel**  
1963. Nuevos insecticidas para el control de la isoca de la alfalfa (*Colias lesbia* Fabricius). *Publicación técnica. Estación experimental agropecuaria* (Rafaela, Santa Fe) 5: 1-3. [Argentina]
- Feldman, Tracy S., and William A. Haber**  
1998. Oviposition behavior, host plant use, and diet-breadth of *Anthanassa* butterflies (Lepidoptera: Nymphalidae) using plants in the Acanthaceae in a Costa Rican community. *Florida Entomologist* 81(3): 396-406, 2 tabs. (25 September) [*A. ardyis* (Hewitson), *A. tulcis* (Bates), *A. drusilla lelex* (Bates), *Anartia fatima* (Fabricius), *Siproeta epaphus* (Latreille); host plants]
- Felipe, Maria Cecilia, and Fernando Sérgio Zucoloto**  
1994. Estudos de alguns aspectos da alimentação em *Ascia monuste* Godart (Lepidoptera, Pieridae). *Revista brasileira de Zoologia* 10(2): 333-341, 3 tabs. (9 May) [host plant; Brazil]
- Fellows, Linda E.**  
1995. See Scofield, A. M. et al., 1995.
- Fels, Dennis**  
2012. See Blut, C. et al., 2012.
- Felt, Ephraim Porter** [1868-1943]  
1908. Appendix A. List of the William W. Hill collection of Lepidoptera. *Education Department Bulletin. University of the State of New York* 433: 61-117 (15 October) (*Museum Bulletin* 124; also in *Annual Report. New York State Museum* 61, volume 2, Appendix 2) [general; Neotropics]
- Feltwell, John Stewart Edmonds** [1948- ]  
1978. *Pieris brassicae* (L.) in South America. *Entomologist's Record and Journal and Variation* 90(12): 330 (15 December) [*Tatochila autodice* (Hübner); Uruguay]  
1980. The depredations of the large white butterfly (*Pieris brassicae*) (Pieridae). *Journal of Research on the Lepidoptera* 17(4): 218-225, 3 tabs. ([27 December]) [Chile]  
1982. *Large white butterfly. The biology, biochemistry and physiology of Pieris brassicae* (Linnaeus). The Hague, Dr. W. Junk Publishers (*Series Entomologica*, 18). xxvi + 535 pp., 10 pls., figs., tabs. [general; egg, larva, pupa, imago; host plants; parasitoids, predators; Chile]  
1986. *The natural history of butterflies*. New York, Facts on File Publications. xix + 133 pp., 20 pls., figs., tabs. ([30 October]) [general]  
1993. *The Encyclopedia of Butterflies*. New York, Prentice Hall. 288 pp., figs. [general]
- Feng, H. L.**  
2004. See Zhang, L. Y. et al., 2004.
- Fennah, Ronald Gordon** [1910-1987]  
1937. Lepidopterous pests of the sour-sop in Trinidad. (2) *Thecla ortygna* Cramer. *Tropical Agriculture* 14(8): 244-245, 2 figs. (August) [distribution; host plants; egg, larva, pupa, imago; behavior]
1942. *The citrus pests investigation in the Windward & Leeward Islands, British West Indies, 1937-1942*. Trinidad, Imperial College of Tropical Agriculture. 66 pp. [*Papilio* sp., Hesperiiidae; host plants; larvae]
1946. On the formation of species and genera in the insect fauna of the Lesser Antillean archipelago. *Proceedings of the royal entomological Society of London* (A) 21(10/12): 73-80 (16 December) [*Leptotes cassius* (Cramer)]
1947. *The insect pests of food-crops in the Lesser Antilles*. St. George's, Grenada & St. John's, Antigua, Department of Agriculture. [5] + ii + 207 pp., 139 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; parasitoids]
- Fenner, Jennifer**  
2019. See Concha, C. et al., 2019.
- Ferdinand, Charles**  
1954. *Les plus beaux papillons*. Paris, Larousse. 95 pp., figs. [English ed., 1958] [general; life history; behavior; Neotropics]
- Feres, Reinaldo José Fazzio**  
2013. See Lima, V. O. et al., 2013.
- Ferguson, Alexander Douglas Campbell** [1926-2002], **Daniel J. Hilburn and Barry Wright**  
1991. The Lepidoptera of Bermuda: Their food plants, biogeography, and means of dispersal. *Memoirs of the entomological Society of Canada* 158: 1-105, frontisp., 204 figs., 1 tab., 1 map (November) [general]
- Ferguson, Bruce Gordon**  
2011. See González, N. A. et al., 2011.  
2016. See González, N. A. et al., 2016.
- Ferguson, Laura C.**  
2008. See Papa, R. et al., 2008a.  
2010a. See Baxter, S. W. et al., 2010.  
2010b. See Counterman, B. A. et al., 2010.  
2011. See Joron, M. et al., 2011.  
2012. See Dasmahapatra, K. K. et al., 2012.  
2013. See Briscoe, A. D. et al., 2013.  
2016. See Nadeau, N. J. et al., 2016.
- Ferguson, Laura C., Jack Green, Alison K. SurrIDGE and Christopher David Jiggins**  
2011a. Evolution of the insect *yellow* gene family. *Molecular Biology and Evolution* 28(1): 257-272, 5 figs., 3 tabs. (1 January; published online 23 July 2010) [*Heliconius*]
- Ferguson, Laura C., and Christopher David Jiggins**  
2009. Shared and divergent expression domains on mimetic *Heliconius* wings. *Evolution & Development* 11(5): 498-512, 6 figs., 1 tab. (October; published online 10 September) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus)]
- Ferguson, Laura C., Siu Fai Lee, Nicola L. Chamberlain, Nicola J. Nadeau, Mathieu Joron, Simon Wade Baxter, Paul A. Wilkinson, Alexie Papanicolaou, Sujai Kumar, Thuan-Jin Kee, Richard Clark, Claire Davidson, Rebecca Glithero, Helen Beasley, Heiko Vogel, Richard H. French-Constant and Christopher David Jiggins**  
2010. Characterization of a hotspot for mimicry: assembly of a butterfly wing transcriptome to genomic sequence at the *HmYb/Sb* locus. *Molecular Ecology* 19(Suppl. 1): 240-254, 4 figs., 1 tab. (March; published online 10 February) [*Heliconius melpomene* (Linnaeus)]
- Ferguson, Laura C., Luana S. Maroja and Christopher David Jiggins**  
2011b. Convergent, modular expression of *ebony* and *tan* in the mimetic wing patterns of *Heliconius* butterflies. *Development Genes and Evolution* 221(5/6): 297-308, 4

- figs., 1 tab. (December; published online 3 December) [general; Central and South America]
- Ferguson, Michael**  
1976. See Andresen, J. et al., 1976.
- Feria, Teresa P., Marysol Trujano, Moisés Armando Luis, Jorge Enrique Llorente, Jon M. Dale and Jesús Muñoz**  
2011. *Efecto del cambio climático en la distribución de los lepidópteros mesoamericanos* Itaballia demophile centralis Joicey & Talbot, 1928 y Pieriballia viardi viardi (Boisduval, 1836), pp. 101-120, 1 + 14 figs., 1 tab. In: Sánchez, G., C. Ballesteros & N. P. Pavón (Eds.), *Cambio climático. Aproximaciones para el estudio de su efecto sobre la biodiversidad*. Pachuca, Universidad Autónoma del Estado de Hidalgo. [Mexico]
- Fermin, Philippe** [1729-1813]  
1765. *Histoire Naturelle de la Hollande Equinoxiale: ou Description des animaux, plantes, fruits, et autres curiosités naturelles, qui se trouvent dans la Colonie de Surinam; avec leurs noms différents, tant françois, que latins, hollandais, indiens & négre-anglois*. Amsterdam, M. Magerus. xii + 240 pp. [general]  
1769. *Description générale, historique, géographique et physique de la Colonie de Surinam, contenant ce qu'il y a de plus curieux & de plus remarquable, touchant sa situation, ses rivières, ses fortéresses; son gouvernement & sa police; avec les moeurs & les usages des habitants naturels du pais, & des européens qui y sont établis; ainsi que des éclaircissements sur l'oeconomie générale des esclaves négres, sur les plantations & leurs produits, les arbres fruitiers, les plantes médicinales, & toutes les diverses espèces d'animaux qu'on y trouve, &c. Enrichie de figures, & d'une carte topographique du pais*. Amsterdam, E. van Harrevelt. 1: xxiv + 252 pp., 1 map; 2: [iv] + 352 pp. [general]
- Fern, George R.**  
2005. See Silver, J. et al., 2005.
- Fernandes, Adrienne Paiva**  
2005. See Mancini, K. et al., 2005.
- Fernandes, Daniell Rodrigo Rodrigues**  
2012. See Lara, R. I. R. et al., 2011.
- Fernandes, Flávio Lemes**  
2003. See Picanço, M. C. et al., 2003.
- Fernandes, Geraldo Wilson**  
1997. See Mielke, O. H. H. et al., 1997.  
2012. See Leite, G. L. D. et al., 2012b.  
2017a. See Pereira, G. C. N. et al., 2017.  
2017b. See Beirão, M. do V. et al., 2017.  
2018. See Pires, A. C. V. et al., 2018.
- Fernandes, Juliana de Oliveira**  
2009. See Uehara-Prado, M. et al., 2009.
- Fernandes, Luciana Bueno dos Reis**  
2011. See Penteadó-Dias, A. M. et al., 2011.
- Fernandes, Luciana Bueno dos Reis, Manoel Martins Dias-Filho, Marcelo Adorna Fernandes and Angélica Maria Penteadó-Dias**  
2010. Ichneumonidae (Hymenoptera) parasitoids of Lepidoptera caterpillars feeding on *Croton floribundus* Spreng (Euphorbiaceae). *Revista brasileira de Entomologia* 54(2): 263-269, 30 figs., 2 tabs. (30 June) [*Fountainea ryphea phidile* (Geyer), *Memphis appias* (Hübner); host plant; Brazil]
- Fernandes, Marcelo Adorna**  
2010. See Fernandes, L. B. dos R. et al., 2010.
- Fernandes, Odair Aparecido**  
2015. See Silva, L. A. da et al., 2015.
- Fernandes, Pedro Dantas**  
1983. See Choairy, S. A. & P. D. Fernandes, 1983.
- Fernandes, Saint Clair Seli**  
1990. See Bergmann, E. C. et al., 1990.
- Fernández, Ambrosio** [1882-1953]  
1928a. Mariposas nuevas de España y América. *Religión y Cultura* 2(5): 204-218, 1 pl. (May) [general; new taxa: *Terias espinosae*, *Appias drusilla* variety *augustiniana*, *Colias dimera* form *andromorpha*, *Mechanitis lorigae*, *Ceratinia gallarzae*, *Catonephele aloisi legionensis*, *Catagramma pygas* aberration *citrinaria*, *Dynamine barreiroi*, *D. egaea* aberration *viridis*, *D. pebana* form *iquitosiana*; Peru, Colombia]  
1928b. Lepidópteros nuevos de España y de América. *Asociación española para el Progreso de las Ciencias. Congreso de Cádiz. Sección IV*, 1928: 121-129. [general; Peru, Colombia]  
1932. Nuevas formas de lepidópteros exóticos. *Boletín de la Sociedad española de Historia natural* 32(9): 453-454, pl. 14 (15 December) [*Papilio crassus* form *flavus*; Peru]  
[1935]. *La vida de las mariposas (Narraciones de un cazador)*. Madrid, M. Aguilar. 258 pp., 22 figs. [general]  
1948. La Entomología al servicio de las artes decorativas. Códices españoles miniados y decorados con insectos, en su mayoría lepidópteros. *Boletín de la real Sociedad geográfica* (Madrid) 85(1/3): 7-32, 5 pls. [*Callicore*]  
1952. *Sendas floridas*. Madrid, Editorial "Religión y Cultura". 360 pp., 7 figs. (1 July) [general; Brazil]
- Fernández, Ana Margarita**  
2000. See Rodríguez, R. et al., 2000.
- Fernández, Andrés**  
2017. See Vásquez, J. et al., 2017.
- Fernández, Antonio**  
1957. See Fernández, F. J. et al., 1957.
- Fernández, Antonio Jesús**  
2001. See Fernández, F. et al., 2001.
- Fernández, Cecilia Isabel** [1967- ]  
2002. See Tricio, A. E. et al., 2002.  
2007. See Tricio, A. E. et al., 2002.
- Fernández, Concha**  
2004. See Brower, L. P. et al., 2004.
- Fernández, Douglas Manuel** [1970- ]  
2001. New oviposition and larval hostplant records for twenty-three Cuban butterflies, with observations on the biology and distribution of some species. *Caribbean Journal of Science* 37(1/2): 122-125, 1 tab. (May) [general]  
2004. New range extensions, larval hostplant records and natural history observations of Cuban butterflies. *Journal of the Lepidopterists' Society* 58(1): 48-50 (22 April) [general]  
2007. Butterflies of the Agricultural Experiment Station of Tropical Roots and Tubers, and Santa Ana, Camagüey, Cuba: An annotated list. *Acta zoológica mexicana* (N. S.) 23(2): 43-75, 1 fig. (August) [general; host plants; behavior]  
2018. See Núñez, R. et al., 2018.  
2019. See Núñez, R. et al., 2019.
- Fernández, Douglas Manuel, and Marc C. Minno**  
2015. The slowly expanding range of *Papilio demoleus* Linnaeus (Lepidoptera: Papilionidae) in Cuba. *Tropical Lepidoptera Research* 25(1): 8-14, 3 figs. (July) [larvae, pupae, adults; host plants]
- Fernández, Douglas Manuel, and Rayner Núñez**  
2011. *Ciclo de vida de un lepidóptero*, pp. 20-31, figs. 33-63. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba*. Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [general; life histories; host

plants; behavior]

**Fernández, Douglas Manuel, and Leonardo Rodríguez**

1997. Sobre la distribución de *Ministrymon azia* en Cuba, con énfasis en la provincia de Camagüey (Lepidoptera: Lycaenidae: Theclina). *Cocuyo* 6: 12-13 (May) [distribution; host plant; behavior]
1998. Las mariposas de Camagüey (Lepidoptera: Papilionidea [sic] y Hesperioidea). *Cocuyo* 7: 21-23, 1 tab. (June) [general; Cuba]

**Fernández, Eduardo**

1975. See Maza, J. de la et al., 1975.

**Fernández, Eliseo Higinio**

1994. T. Racheli & L. Pariset. Il genere *Battus*. Tassonomia e storia naturale. *Shilap* 22(86): 117-118 (30 June) [book review]

**Fernández, Fernando**

1999. See Amat, G. D. et al., 1999.
2007. See Andrade, M. G. et al., 2007.
- 2010a. See Amat, G. D. et al., 2010.
- 2010b. See Medina, C. A. et al., 2010.

**Fernández, Fidel, Aurelio Íñigo Torre and Antonio Jesús Fernández**

2001. Las lenguas clásicas en los géneros de los ropalóceros (Lepidoptera). *Boletín de la Sociedad entomológica aragonesa* 29: 111-116 (October) [general; etymology]

**Fernández, Francisco José [1923-1986]**

1945. Los insectos de La Tortuga. *Memoria de la Sociedad de Ciencias naturales La Salle* (Caracas) 5(13): 32-33 (May-August) [Pieridae, Lycaenidae; Venezuela]
1963. See Szumkowski, W. & F. J. Fernández, 1963.
- 1982a. *Vanessa atalanta* (Linneo) (Lepidoptera: Nymphalidae), nueva mariposa para Venezuela. *Boletín de Entomología venezolana* (N.S.) 2(4): 44 (15 January)
- 1982b. Mariposas de Venezuela. El preciado legado de un gran naturalista. *Corpovoz* 1982(11/12): 17-23, figs. (November-December) [general]
- 1985a. See Yépez, G. et al., 1985.
- 1985b. See Brown, K. S., Jr. & F. J. Fernández, 1985.

**Fernández, Francisco José, and Luis Daniel Otero**

1985. *Hamadryas velutina* (Bates) (Lepidoptera: Nymphalidae), nueva para Venezuela. *Boletín de Entomología venezolana* (N.S.) 4(4): 31 (30 March)

**Fernández, Francisco José, and Carlos Julio Rosales**

1956. *Lista preliminar de los Insectos*, pp. 169-171. In: Sociedad de Ciencias Naturales La Salle (Ed.), *El Archipiélago de Los Roques y La Orchila*. Caracas, Editorial Sucre. 257 pp., pls., figs. (10 November) [*Kricogonia castalia* (Fabricius); Venezuela]

**Fernández, Francisco José, Carlos Julio Rosales, Ferdinand Kern, Waclaw Szumkowski, Willard Hall Whitcomb, José Ramón Labrador, Antonio Fernández and Ernesto José Doreste**

1957. *Lista preliminar de nombres comunes de algunos insectos dañinos de Venezuela*. Maracay, Universidad Central de Venezuela, Facultad de Agronomía. [14] pp. [general; host plants]

**Fernández, Francisco José, Carlos Julio Rosales and Jorge Benito Terán**

1973. Viaje entomológico a zonas bananeras del Distrito Betijoque, Edo. Trujillo. *Natura* (Caracas) 50: 26-28, 3 figs. (March) [*Opsiphanes tamarindi* Felder & Felder, *Caligo memnon* (Felder & Felder), *C. illioneus* (Cramer); host plants; Venezuela]

**Fernández, Ileana**

2000. See Rodríguez, R. et al., 2000.

2004. See Hidalgo, M. M. et al., 2004.

2007. See Rodríguez, R. et al., 2007.

2009. See Mestre, N. et al., 2009.

**Fernández, Javier (1)**

2004. See Viejo, J. L. et al., 2004.

**Fernández, Javier (2)**

2013. See Vera, A. et al., 2013.

**Fernández, José L.**

2010. See Frago, E. et al., 2010.

**Fernández, José L., Gabriel Garcés, Eduardo Portuondo, P. Valdés and I. Expósito**

2002. Insectos asociados con flores de malezas del Jardín Botánico de Santiago de Cuba, con énfasis en Hymenoptera. *Revista de Biología tropical* 49(3/4): 1013-1026, 8 figs., 4 tabs. (May) [general; Cuba]

**Fernández, Josué D.**

1976. See Bastida, R. et al., 1976.

**Fernández, Juan**

2014a. See Zhan, S. et al., 2014.

2014b. See Pierce, A. A. et al., 2014.

**Fernández, Luis**

1966. See Maldonado, L. et al., 1966.

**Fernández, Miguel**

2015. See Van Swaay, C. et al., 2015.

**Fernandez, Serge**

2012. See Gallard, J.-Y. & S. Fernandez, 2012.

2013. See Faynel, C. & S. Fernandez, 2013.

2015a. See Gallard, J.-Y. & S. Fernandez, 2015a.

2015b. See Gallard, J.-Y. & S. Fernandez, 2015b.

2017a. See Gallard, J.-Y. & S. Fernandez, 2017.

2017b. See Faynel, C. et al., 2017.

**Fernández-Baca, Jenaro [1889-1982]**

1980. *La pintura inka en cerámica*. Lima, Instituto Nacional de Cultura. 24 pp., 60 figs. (*Obras maestras del arte en el antiguo Perú*, 1). [general; ethnoentomology]

**Fernández-Badillo, Alberto**

2008. See Sandoval, M. F. et al., 2008.

**Fernández-Triana, José L.**

2012. See Smith, M. A. et al., 2012.

**Fernández-Triana, José L., James Bryan Whitfield, Josephine J. Rodríguez, M. Alex Smith, Daniel Hunt Janzen, Winifred D. Hallwachs, Mehrdad Hajibabaei, John McLauren Burns, María Alma Solís, John Wesley Brown, Sophie Cardinal, Henri Goulet and Paul David Neil Hebert**

2014. Review of *Apanteles sensu stricto* (Hymenoptera, Braconidae, Microgastrinae) from Area de Conservación Guanacaste, northwestern Costa Rica, with keys to all described species from Mesoamerica. *ZooKeys* 383: 1-565, 330 figs., 3 tabs. (24 February) [general; parasitoids]

**Ferns, Peter N.**

2005. See Jervis, M. A. et al., 2005.

**Ferrara, Sabrina**

2019. See Concha, C. et al., 2019.

**Ferrari, Antonino**

1917. *A Pieris monusta* [sic]. A praga das lagartas na couve ou das borboletas brancas. *Brazil agricola* (Rio de Janeiro) 2(9): 289 (September) [life history; Brazil]

**Ferrari, Carlos**

2000. See Núñez, E. O. & C. Ferrari, 2000.

**Ferraz, Lucenilda de Jesus Costa**

2018. See Pansarin, E. R. et al., 2018.

**Ferreira, Adriano Andrejew, Rosane Nunes Garcia and Aldo Mellender do Araújo**

2006. Pupal melanization in *Heliconius erato phyllis* (Lepidoptera; Nymphalidae): genetic and environmental



- effects. *Genetica* 126(1/2): 133-140, 1 fig., 6 tabs. (January) [host plants; Brazil]
- Ferreira, Adriano Andrejew, Luiz Carlos Rios Kucharski and Aldo Mellender de Araújo**  
2009. On the reliability of a simple method for scoring phenotypes to estimate heritability: A case study with pupal color in *Heliconius erato phyllis*, Fabricius, 1775 (Lepidoptera, Nymphalidae). *Genetics and molecular Biology* 32(1): 186-189, 2 tabs. (10 January) [host plant; Brazil]
- Ferreira, Alessandro Wagner Coelho**  
2015. See Pansarin, E. R. & A. W. C. Ferreira, 2015.  
2018. See Pansarin, E. R. et al., 2018.
- Ferreira, Beatriz Spalding Corrêa**  
1981. See Villas Bôas, G. L. et al., 1981.  
1982. See Moscardi, F. et al., 1982.
- Ferreira, Cibele Paiva dos Santos, Luana Pereira Cerqueira, Alexandre Uezu, Eddy José Francisco de Oliveira and Paulo Enrique Cardoso Peixoto**  
2016. Territory availability at different spatial scales does not affect fighting investment in males of the lycaenid butterfly *Strymon mulucha*. *Ethology* 122(10): 798-806, 2 figs. (October; published online 22 August) [Brazil]
- Ferreira, Dalton de Oliveira**  
2017. See Araújo, T. A. de et al., 2017.
- Ferreira, Denise Cristina**  
1987. See Araújo, A. F. de et al., 1987.
- Ferreira, Fernanda**  
2007. See Sausen, C. D. et al., 2007.
- Ferreira, Gislene Auxiliadora, Valquíria da Rocha Santos Veloso, Ronaldo Veloso Nunes, Jorge Luiz do Nascimento and Lázaro José Chaves**  
2009. Biodiversidade de insetos em pequiheiro (*Caryocar brasiliense*, Camb.) no cerrado do Estado de Goiás, Brasil. *Agrociencia* (Montevideo) 13(2): 14-31, 7 tabs. [*Nicolaea socia* (Hewitson), *Eunica bechina* (Hewitson), *Hamadryas amphinome* (Linnaeus), *Lasaia agesilas esmeralda* Clench; host plant]
- Ferreira, Joana Maria Santos, Miguel Ferreira de Lima, Dalva Luiz de Queiroz Santana and José Inácio Lacerda Moura**  
1998. *Pragas do coqueiro*, pp. 81-118, 62 figs. In: Sobrinho, R. B., J. E. Cardoso & F. das C. O. Freire (Eds.), *Pragas de fruteiras tropicais de importância agroindustrial*. Brasília, Embrapa. [*Brassolis sophorae* (Linnaeus), *Opsiphanes invirae* (Hübner), *Synale hylaspes* (Stoll); host plants; Brazil]
- Ferreira, Joana Maria Santos, Miguel Ferreira de Lima, Dalva Luiz de Queiroz Santana, José Inácio Lacerda Moura and Lindáurea Alves de Souza**  
1997. *Pragas do coqueiro*, pp. 189-267, 61 figs. In: Ferreira, J. M. S., D. R. N. Warwick & L. A. Siqueira (Eds.), *A cultura do coqueiro no Brasil*. Brasília, Embrapa. [Ed. 2; Ed. 1, 1994] [*Brassolis sophorae* (Linnaeus), *Opsiphanes invirae* (Hübner), *Synale hylaspes* (Stoll); host plants; parasitoids; Brazil]
- Ferreira, Joana Maria Santos, and Paulo Manoel Pontes Lins**  
2006. *Pragas do coqueiro*, pp. 13-68, 171 figs. In: Ferreira, J. M. S. & H. R. Fontes (Eds.), *Produção integrada de coco. Identificação de pragas, doenças e desordens nutricionais e fisiológicas*. Aracaju, Embrapa Tabuleiros Costeiros. [[*Brassolis sophorae* (Linnaeus), *Opsiphanes invirae* (Hübner), *Synale hylaspes* (Stoll); host plants; parasitoids; Brazil]
- Ferreira, Joice Nunes**  
2008. See Lenza, E. et al., 2008.
- Ferreira, José Thales Pantaleão**  
2014. See Roque, M. G. et al., 2014.
- Ferreira, Leandro Valle**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Ferreira, Paulo Sérgio Fiúza**  
2012a. See Leite, G. L. D. et al., 2012a.  
2012b. See Cruz, K. C. et al., 2012.  
2012c. See Leite, G. L. D. et al., 2012b.  
2014. See Martins, D dos S. et al., 2018.
- Ferreira, Pedro Paulo da Silva, and Daniela Rodrigues**  
2015. Sabotaging behavior and decision-making in larvae of the queen butterfly *Danaus gilippus*. *Journal of Insect Behavior* 28(4): 460-472, 4 figs., 2 tabs. (July; published online 5 August) [host plant; Brazil]
- Ferreira, Rhainer Guillermo Nascimento Ferreira**  
2015. See Souza, P. R. B. de & R. G. N. Ferreira, 2015.
- Ferreira, Sirayama de Oliveira**  
1999. See Freitas, A. V. L. et al., 1999.
- Ferreira, Valéria Wesner**  
2019. See Bordin, S. M. S. et al., 2019.
- Ferreira, Vinicius de Souza, Livia Pires do Prado and Dione Seripierri**  
2016. The entomological collection of Ricardo von Diringshofen (1900-1986) and its incorporation to the *Museu de Zoologia da Universidade de São Paulo*. *Revista brasileira de Entomologia* 60(2): 117-122, 7 figs. (June; published online 4 March) [general]
- Ferreira-Filho, Pedro José**  
2018. See Tavares, W. de S. et al., 2018.
- Ferreira Júnior, Aurino**  
2014a. See Kerpel, S. M. et al., 2014a.  
2014b. See Kerpel, S. M. et al., 2014b.
- Ferrer, Ryan P., and Richard K. Zimmer**  
2012. Community ecology and the evolution of molecules of keystone significance. *Biological Bulletin* 223(2): 167-177, 2 figs., 2 tabs. (1 October) [general]
- Ferrer-Paris, José Rafael**  
2003. See Vilorio, Á. L. et al., 2003.  
2013. Métodos para la estimación de abundancia de mariposas (Lepidoptera: Papilionoidea) a partir de recorridos cronometrados. *Entomotropica* 28(2): 142-143 (August) [abstract]  
2015. See Vilorio, Á. L. et al., 2015.
- Ferrer-Paris, José Rafael, Jon Paul Rodríguez, Tatjana C. Good, Ada Y. Sánchez-Mercado, Kathryn M. Rodríguez-Clark, Gustavo A. Rodríguez and Angel Solís**  
2013a. Systematic, large-scale national biodiversity surveys: Neo Maps as a model for tropical regions. *Diversity and Distributions* 19(2): 215-231, 4 figs., 5 tabs. (February; published online 8 October 2012) [Pieridae; Venezuela]
- Ferrer-Paris, José Rafael, Ada Y. Sánchez-Mercado, Ángel Luis Vilorio and John Donaldson**  
2013b. Congruence and diversity of butterfly-host plant associations at higher taxonomic levels. *PLoS ONE* 8(5)(e63570): 1-15, 5 figs., 4 tabs. (23 May) [general]
- Ferrer-Paris, José Rafael, and Ángel Luis Vilorio**  
[2004]. *Mariposas altiandinas (Lepidoptera [sic]: Nymphalidae, Satyrinae) y la conservación de los páramos en Venezuela*, pp. 626-633, 3 figs., 2 tabs. In: Jaramillo, C. A. (Ed.), *Memorias. Congreso Mundial de Páramos. Tomo I. Bogotá, Conservación Internacional Colombia ("May 2002", [2004])* [general]
- Ferris, Clifford Duras** [1935- ]  
[1975]. Butterflies of the World, by H. L. Lewis. *Journal of*

- Research on the Lepidoptera* 13(4): 278-280 "December 1974", [before 9 July 1975] [general; book review]
- 1976a. A proposed revision of non-arctic *Parnassius phoebus* Fabricius in North America (Papilionidae). *Journal of Research on the Lepidoptera* 15(1): 1-22, 2 figs., 3 tabs. ("March", [November]) [bionomics; Mexico]
- 1976b. The Swallowtail Butterflies of North America, by Hamilton A. Tyler. *Journal of the Lepidopterists' Society* 30(1): 72 (22 April) [general; book review; Mexico]
1985. A new subspecies of *Apodemia hypoglauca* (Godman & Salvin) from the Yucatán Peninsula (Lycaenidae: Riodininae). *Bulletin of the Allyn Museum* 94: 1-7, 11 figs. (10 May) [*A. h. wellingi*; Mexico]
1987. Butterflies of the Neotropical Region, Part III, Brassolidae, Acraeidae, & Nymphalidae (partim), by Bernard D'Abbrera. *News of the Lepidopterists' Society* 1987(5/6): 84-85 (November-December) [book review]
- 1988a. Revision of several North American Leguminosae-feeding *Colias* species, with description of a new subspecies (Pieridae: Coliadinae). *Bulletin of the Allyn Museum* 116: 1-28, 46 figs., 1 tab. (20 June) [Mexico]
- 1988b. Butterflies of the Neotropical Region. Part IV, Nymphalidae (Partim), by Bernard D'Abbrera. *News of the Lepidopterists' Society* 1988(4): 65 (July-August) [book review]
1989. Supplement to: A catalogue/checklist of the butterflies of America North of Mexico. *Memoirs of the Lepidopterists' Society* 3: vii + 103 pp. [general]
1993. Reassessment of the *Colias alexandra* group, the legume-feeding species, and preliminary cladistic analysis of the North American *Colias* (Pieridae: Coliadinae). *Bulletin of the Allyn Museum* 138: 1-91, 134 figs., 1 tab. (28 September) [Mexico]
- Ferris, Clifford Duras, and Frederick Martin Brown**
1981. *Butterflies of the Rocky Mountain States*. Norman, University of Oklahoma Press. xix + 442 pp., 4 pls., 26 figs., 314 maps. [general; morphology; taxonomy; bionomics; biogeography; Neotropics]
- Ferris, Clifford Duras, and John F. Emmel**
1982. Discussion of *Papilio coloro* W. G. Wright (= *Papilio rudkini* F. & R. Chermock) and *Papilio polyxenes* Fabricius. *Bulletin of the Allyn Museum* 76: 1-13, 33 figs. (15 October) [Mexico]
- Ferro, Viviane Gianluppi**
2002. See Kaminski, L. A. et al., 2002.
2008. See Grazia, J. et al., 2008.
- Ferrú, Marco**
2007. See Guzmán, J. A. et al., 2007.
- Ferrufino, Arnaldo**
1986. Incidencia de insectos en el trópico húmedo boliviano. *Anais. 1º Simpósio do Trópico úmido* (Belém) 4: 51-63, 1 fig. [*Papilio thoas* Linnaeus; host plant]
- Festa, Enrico** [1868-1939]
1909. *Nel Darien e nell'Ecuador. Diario di viaggio di un naturalista*. Torino, Unione Tip.-Editrice Torinese. xvi + 397 pp., 72 figs., 2 maps [Spanish ed., 1993] [general; behavior]
- Fett-Neto, Arthur Germano**
2013. See Matsuura, H. N. & A. G. Fett-Neto, 2013.
- Feyer, Erich**
1933. Bilder von meinen Sammelreisen in Ecuador. *Entomologische Rundschau* 50(2): 13-15 (15 January), (3): 28-31 (1 February), (4): 47-48 (15 February), (5): 68-72 (1 March), (6): 78-80 (15 March), (7): 99-102 (1 April) [general]
- 1934-35. Nachklänge zu "Bilder aus meinen Sammelreisen". *Entomologische Rundschau* 51(19): 205-209 (1 October 1934), (22): 245-246 (15 November 1934), (23): 261-265 (1 December 1934), (24): 269-272 (15 December 1934); 52(1): 4-7 (8 January 1935) [general; Ecuador]
- Feyereisen, René**
2018. See Zagrobelny, M. et al., 2018.
2019. See Castro, É. C. P. de et al., 2019.
- ffrench, Jonathan**
1978. *Euneca* [sic] *celma* - a new butterfly for Trinidad. *Living World* 1977-78: 14.
- ffrench-Constant, Richard H.**
2005. See Nice, C. C. et al., 2005.
2006. See Joron, M. et al., 2006b.
- 2008a. See Papa, R. et al., 2008a.
- 2008b. See Baxter, S. W. et al., 2008.
2009. See Baxter, S. W. et al., 2009b.
- 2010a. See Baxter, S. W. et al., 2010.
- 2010b. See Counterman, B. A. et al., 2010.
- 2010c. See Ferguson, L. et al., 2010.
2011. See Joron, M. et al., 2011.
- 2012a. See Jones, R. T. et al., 2012.
- 2012b. See Nadeau, N. J. et al., 2012.
- 2012c. See Dasmahapatra, K. K. et al., 2012.
- 2013a. See Chauhan, R. et al., 2013.
- 2013b. See Jones, R. T. et al., 2013.
- 2016a. Butterfly gene flow goes berserk. *Genome Biology* 17(30): 1-3 (27 February) [*Heliconius*]
- 2016b. See Nadeau, N. J. et al., 2016.
- Ficetti, Fernando**
2016. See Drewniak, M. E. et al., 2016.
- Fichetti, Patricia del Carmen**
1994. See Igarzábal, D. et al., 1994.
- Fichetti, Patricia del Carmen, Ezequiel Osvaldo Núñez and Delia Susana Ávalos**
2013. Primera cita de *Strymon eurytulus* (Lycaenidae: Eumaeini) sobre cultivos de soja y alfalfa. *Historia natural* (Buenos Aires) (3)3(2): 29-35, 6 figs. [larva, pupa, adult; host plants; Argentina]
- Ficke, Hugo** [1840-1912]
1894. Lepidopterologisches aus Amerika. *Societas entomologica* 9(17): 129-130 (1 December), (18): 137-139 (15 December) [general; Mexico, Cuba]
- Fickert, Karl Rudolph Dietrich** [1849-1904]
1889. Ueber die Zeichnungsverhältnisse der Gattung *Ornithoptera*. *Zoologische Jahrbücher (Systematik)* 4(3): 692-770, pls 19-21, 1 fig. (10 August) [*Papilio ascolius* Felder & Felder; morphology]
1895. See Eimer, G. H. T. & K. R. D. Fickert, 1895.
1897. See Eimer, G. H. T. & K. R. D. Fickert, 1897.
- Fiedler, Arkady** [1894-1985]
1948. *The river of singing fish*. London, Hodder and Stoughton. 191 pp., 23 pls. [1st Polish ed., 1941] [general; behavior; Peru]
- Fiedler, Carl August** [1864-1955]
1931. Neue Tagfalterform aus Peru. *Internationale entomologische Zeitschrift* 24(48): 501 (22 March) [*Victorina steneles* [sic] form *didoides*]
1933. *Catonephele orbifera* spec. nov. aus Peru (Lep. Nymph.). *Internationale entomologische Zeitschrift* 27(3): 33-34 (15 April), (26): 289 (8 October) [general]
- Fiedler, Konrad**
1988. Die Beziehungen von Bläulingspuppen (Lepidoptera: Lycaenidae) zu Ameisen (Hymenoptera: Formicidae). *Nachrichten des entomologischen Vereins Apollo* (Neue Folge) 9(1): 33-58, 3 figs., 1 tab. (May) [Riodinidae; behavior]

1991. Systematic, evolutionary, and ecological implications of myrmecophily within the Lycaenidae (Insecta: Lepidoptera: Papilionoidea). *Bonner zoologische Monographien* 31: 1-210, 19 tabs. [general]
1994. Lycaenid butterflies and plants: is myrmecophily associated with amplified hostplant diversity? *Ecological Entomology* 19(1): 79-82, 1 tab. (February) [general; evolution]
- 1995a. Lycaenid butterflies and plants: is myrmecophily associated with particular hostplant preferences? *Ethology Ecology & Evolution* 7(2): 107-132, 1 fig., 7 tabs. (June) [general]
- 1995b. Lycaenid butterflies and plants: Hostplant relationships, tropical versus temperate. *Ecotropica* 1(1): 51-58, 1 fig., 1 tab. [general]
1996. Host-plant relationships of lycaenid butterflies: large-scale patterns, interactions with plant chemistry, and mutualism with ants. *Entomologia experimentalis et applicata* 80(1): 259-267, 2 figs., 1 tab. (July) [general]
1997. *Life-history patterns of myrmecophilous butterflies and other insects: their implications on tropical species diversity*, pp. 71-92, 1 fig., 2 tabs. In: Ulrich, H. (Ed.), *Tropical Biodiversity and Systematics*. Bonn, Zoologisches Forschungsinstitut und Museum Alexander Koenig. [general]
1999. See Beck, J. et al., 1999.
2001. See Elmes, G. W. et al., 2001.
2001. Ants that associate with Lycaeninae butterfly larvae: diversity, ecology and biogeography. *Diversity and Distributions* 7(1/2): 45-60, 1 fig., 5 tabs. (January; published online 20 December 2001) [general]
- 2008a. See Häuser, C. L. et al., 2008.
- 2008b. See Wiemers, M. & K. Fiedler, 2008.
2009. See Beck, J. & K. Fiedler, 2009.
- 2011a. See Laurance, W. F. et al., 2011.
- 2011b. See Strutzenberger, P. & K. Fiedler, 2011.
- 2012a. The host genera of ant-parasitic Lycaenidae butterflies: A review. *Psyche* (Cambridge) 2012(153975): 1-10, 1 fig., 3 tabs. [general]
- 2012b. See Bodner, F. G. F. et al., 2012.
- 2014a. See Carneiro, E. et al., 2014a.
- 2014b. See Carneiro, E. et al., 2014b.
- 2016a. See Seifert, C. L. et al., 2016.
- 2016b. See Brehm, G. et al., 2016.
- Fiedler, Konrad, Gunnar Brehm, Nadine Hilt, Dirk Süssenbach, Giovanni Onore, Daniel Bartsch, Luigi Racheli and Christoph Leonard Häuser**
2008. Lepidoptera: Arctiidae, Geometridae, Hedyliidae, Pyraloidea, Sphingidae, Saturniidae, and Uraniidae (moths). Checklist Reserva Biológica San Francisco (Prov. Zamora-Chinchipe, S. Ecuador). *Ecotropical Monographs* 4: 155-214 (January) [general]
- Fiedler, Konrad, Bert Hölldobler and Peter Seufert**
1996. Butterflies and ants: The communicative domain. *Experientia* 52: 14-24, 4 figs., 1 tab. [Lycaenidae, Riodinidae]
- Field, William Dewitt [1914-1992]**
- 1938a. A new butterfly record for the United States. *Entomological News* 49(1): 28 (6 January) [*Anaea phithyusa* Felder; Mexico, Central America]
- 1938b. New forms and subspecies of North American Libytheidae and Lycaenidae. *Journal of the Kansas entomological Society* 11(4): 124-133 (1 November) [general; Mexico]
- 1940a. A distribution note on *Grais stigmaticus* (Mabille) (Lepidoptera, Hesperidae). *Journal of the Kansas entomological Society* 13(2): 57 (April) [general; Mexico, Central and South America]
- 1940b. A new skipper record for the United States (Lepidoptera: Hesperidae). *Journal of the Kansas entomological Society* 13(2): 57 (April) [*Thymele fulgerator* (Walch); Mexico, Central and South America]
- 1940c. A manual of the butterflies and skippers of Kansas (Lepidoptera, Rhopalocera). *Bulletin of the University of Kansas* 39(10): 1-328, pls. 1-2, 1 map (28 May) [general; Mexico]
- 1940d. A distributional note on *Heterochroa bredowii* (Geyer) (Lepidoptera: Nymphalidae). *Journal of the Kansas entomological Society* 13(4): 123 (October) [*H. b. bredowii*; Mexico]
- 1940e. *Calycopis beon* (Cramer), a new butterfly record for the United States (Lepidoptera-Lycaenidae). *Bulletin of the Brooklyn entomological Society* 35(4): 134-135 (11 November) [general]
- 1940f. Distribution notes and comments upon a collection of Mexican Lepidoptera. Part I - Rhopalocera. *Kansas University Science Bulletin* 26(5): 339-354 (15 November) [general; variation]
- 1941a. Additional notes on *Calycopis cecrops* (Fabricius) and *Calycopis beon* (Cramer) (Lepidoptera - Lycaenidae). *Journal of the Kansas entomological Society* 14(2): 66-69 (April) [Mexico, Central and South America]
- 1941b. Notes on *Erora laeta* (Edwards) and *Erora quaderna* (Hewitson) (Lepidoptera, Lycaenidae). *Annals of the entomological Society of America* 34(2): 303-316, 3 pls. (2 July) [Mexico, Guatemala]
1942. Racial variation in *Hemiargus isola* (Reakirt) (Lepidoptera: Lycaenidae). *Journal of the Kansas entomological Society* 15(1): 36 (January) [Mexico]
1943. Racial variation in *Strymon columella* (Fabricius). *Journal of the Kansas entomological Society* 16(4): 153 (October) [Mexico, West Indies]
1948. The correct name for the North American butterfly variously called *Nymphidium*, *Calephelis* or *Lephelisca* (Lepidoptera, Riodinidae). *Proceedings of the entomological Society of Washington* 50(8): 207-213 (30 November) [general]
1950. The International Commission on Zoological Nomenclature and the correct name for the North American Monarch butterfly (Lepidoptera, Danaidae). *Proceedings of the entomological Society of Washington* 52(5): 234-236 (25 October) [Danaus; Neotropics]
1951. A revision of *Eurema* Hubner subgenus *Teriocolias* Rober (Lepidoptera: Pieridae). *Acta zoologica Lilloana* 9: 359-374, 3 pls. ("1950", 25 October 1951) [general; new subspecies: *E. (T.) riojana mathani*; Peru, Bolivia, Chile, Argentina, Paraguay].
1958. A redefinition of the butterfly genera *Tatochila*, *Phulia*, *Piercolias*, and *Baltia*, with descriptions of related genera and subgenera. *Proceedings of the United States national Museum* 108(3396): 103-131, 40 figs. (9 June) [general; new taxa: genus *Theochila*, subgenera *Infraphulia* and *Pierphulia*; South America]
1959. See Herrera, J. V. & W. D. Field, 1959.
- 1967a. Preliminary revision of butterflies of the genus *Calycopis* Scudder (Lycaenidae: Theclinae). *Proceedings of the United States national Museum* 119(3552): 1-48, 126 figs. (1 February) [general; new species: *C. nicolayi*, *C. lerbela*, *C. susana*, *C. drusilla*, *C. anastasia*, *C. fractunda*; Neotropics]
- 1967b. Butterflies of the new genus *Calystryma* (Lycaenidae: Theclinae, Strymonini). *Proceedings of the United States national Museum* 123(3611): 1-31, 23 figs. (9 August) [general; new species: *C. keta*, *C. blora*, *C. naka*, *C. anapa*, *C. barza*, *C. tiffa*; Neotropics]
1971. Butterflies of the genus *Vanessa* and of the resurrected

- genera *Bassaris* and *Cynthia* (Lepidoptera: Nymphalidae). *Smithsonian Contributions to Zoology* 84: 1-105, 160 figs. (5 October) [general; new species: *C. annabella*; biology; morphology; Mexico, Guatemala, South America]
1974. [Four book reviews]. *Proceedings of the entomological Society of Washington* 75(4): 486-488 (12 February) [general; Jamaica]
1995. See Lamas, G. et al., 1995.
- Field, William Dewitt, John Frederick Gates Clarke and John G. Franclemont**
1951. On a recent proposal to correct an error committed by the International Commission on Zoological Nomenclature at the Paris 1948 Meeting. *Science* 113(2925): 68-70 (19 January) [general; *Danaus plexippus plexippus* (Linnaeus); Central and South America]
- Field, William Dewitt, and José Valentín Herrera**
1977. The Pierid butterflies of the Genera *Hypsochila* Ureta, *Phulia* Herrich-Schäffer, *Infraphulia* Field, *Pierphulia* Field, and *Piercolias* Staudinger. *Smithsonian Contributions to Zoology* 232: [i]-iii, 1-64, 198 figs., 5 maps (25 April) [general; new taxa: *Phulia paranympa ernesta*, *P. garleppi*, *P. madeleinea*, *Pierphulia rosea maria*, *P. r. annamariae*, *P. isabela*, *Piercolias forsteri*; natural history; zoogeography; Peru, Bolivia, Chile, Argentina]
- Field, William Lusk Webster** [1876-1963]
1900. [Notes]. *Entomological News* 11(9): 609-610 ([2] November) [*Doberes mexicanus* (C. Felder & R. Felder); Mexico]
- Fierer, Noah**
2014. See Hammer, T. J. et al., 2014.
- Fierro, Andrés**
2012. See Terrón, R. A. et al., 2012.
- Figueiredo, Eduardo Rodrigues de, Jr.** [1904-1991]
1939. Notas sobre a *Thridia* [sic] *themisto* Huebn., 1823, praga do manacá. *Boletim biológico* (São Paulo) 4(3): 512-515, 5 figs. (30 September) [egg, larva, pupa, imago; parasitoid, predator; Brazil]
1945. See Lepage, H. S. & E. R. de Figueiredo, Jr., 1945.
- Figueiredo, Mario Barreto** [1933-2008], **João M. Coutinho and Antonio Orlando**
1960. Novas perspectivas para o controle biológico de algumas pragas com *Bacillus thuringiensis*. *Arquivos do Instituto biológico* (São Paulo) 27(12): 77-85, pls. 4-5, 4 tabs. (December) [*Ascia monuste orseis* (Godart); Brazil]
- Figueiredo, Mayara Pimentel**
2016. See Monteiro, E. da S. et al., 2016.
- Figueiredo, Osmar Salles de**
2000. *Manual de criação de borboletas. Mensageiras da paz*. Campinas, Reino Mágico das Borboletas. 72 pp., figs. [general; host plants; Brazil]
- Figueiredo, Rodolfo Antônio de**
2003. See Almeida, A. M. de & R. A. de Figueiredo, 2003.
- Figueiredo, Rodolfo Antônio de, and Marlies Sazima**
2004. *Pollination ecology and resource partitioning in Neotropical pipers*, pp. 33-57, 4 figs., 3 tabs. In: Dyer, L. A. & A. D. N. Palmer (Eds.), *Piper: A model genus for studies of phytochemistry, ecology and evolution*. New York, Kluwer Academic / Plenum Publishers. [Actinote, Hesperiiidae; Brazil]
- Figueiredo, Rosa Lopes de**
1959. Papilionídeos brasileiros. *Caça e Pesca* (São Paulo) 19(217): 27-33, 8 figs. (June), (219): 21 (August) [general; host plants; parasitoids]
- Figueiredo-Ready, Wilsea**
2012. See Pardo-Díaz, C. et al., 2012.
- Figueroa, Adalberto** [1914- ]
- 1953a. Catálogo de los artrópodos de las clases Arachnida e Insecta encontrados en el hombre, los animales y las plantas de la República de Colombia - III. Según lo anotado en la colección entomológica de la Facultad de Agronomía del Valle y con datos adicionales de la Estación Agrícola Experimental de Palmira. *Acta agronómica* (Palmira) 3(1): 1-7 (January) [general; host plants; parasitoids]
- 1953b. La ruptura de un equilibrio. Consideraciones biológicas alrededor del uso de los nuevos insecticidas. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 9(33/34): 92-102 (May) [*Tisiphone maculata* Hopffer, *Opsiphanes invirae* Godman & Salvin; host plants; parasitoids; Colombia]
1969. See Castellar, N. & A. Figueroa, 1969.
1986. See Lerma, L. F. et al., 1986.
- Figueroa, Ana Luisa, Alejandro Meléndez, Moisés Armando Luis and Isabel Vargas**
2014. Diversity of diurnal butterflies (Lepidoptera: Hesperioidea and Papilionoidea) of Laguna Potosí and surrounding area, Guerrero, Mexico. *Southwestern Entomologist* 39(1): 57-75, 4 figs., 3 tabs. (March) [general]
- Figueroa, Enrique**
2014. See Carrión, J. et al., 2014.
- Figueroa, Luis**
- 2015a. See Grados, J. et al., 2015a.
- 2015b. See Grados, J. et al., 2015b.
- Figueroa-Castro, Dulce María**
2015. See Rivas-Arancibia, S. P. et al., 2015.
- Figueroa-Castro, Dulce María, and Zenón Cano-Santana**
2004. Floral visitor guilds of five allochronic flowering asteraceous species in a xeric community in central Mexico. *Environmental Entomology* 33(2): 297-309, 5 figs., 6 tabs. (April) [general]
- Figueroa-Castro, Dulce María, Guadalupe González-Tochihuitl, María del Carmen Ramírez-Morales, Sombra Patricia Rivas-Arancibia and Gabriela Castaño-Meneses**
2017. Insect visitors to the annual plant community in a xeric environment in Central Mexico. *Florida Entomologist* 100(4): 708-717, 3 figs., 5 tabs. (December) [general]
- Figueroa-Galván, Nashyeli**
2017. See Vázquez-Elorza, A. et al., 2017.
- Figueroa-Hernández, Cielo**
2017. See Shiels, A. B. et al., 2017.
- Filgueiras, Bruno Karol Cordeiro**
2014. See Melo, D. H. A. et al., 2014.
2018. See Santos, J. P. dos et al., 2018.
- 2019a. See Santos, J. P. dos et al., 2019.
- 2019b. See Melo, D. H. A. et al., 2019b.
- Filgueiras, Bruno Karol Cordeiro, Douglas Henrique Alves Melo, Inara Roberta Leal, Marcelo Tabarelli, André Victor Lucci Freitas and Luciana Iannuzzi**
2016. Fruit-feeding butterflies in edge-dominated habitats: community structure, species persistence and cascade effect. *Journal of Insect Conservation* 20(3): 539-548, 3 figs., 2 tabs. (June; published online 16 June) [general; Brazil]
- Filgueiras, Bruno Karol Cordeiro, Douglas Henrique Alves Melo, Márcio Uehara-Prado, André Victor Lucci Freitas, Inara Roberta Leal and Marcelo Tabarelli**
2019. Compensatory dynamics on the community structure of fruit-feeding butterflies across hyper-fragmented Atlantic forest habitats. *Ecological Indicators* 98: 276-284, 5 figs., 1 tab. (March) [general; Brazil]
- Filipowicz, Natalia, and Susanne S. Renner**
2012. *Brunfelsia* (Solanaceae): A genus evenly divided between

- South America and radiations on Cuba and other Antillean islands. *Molecular Phylogenetics and Evolution* 64(1): 1-11, 4 figs., 2 tabs. (July; published online 8 March) [general; pollination]
- Filomeno, Claudinei Andrade**  
2018. See Ribeiro, A. V. et al., 2018.
- Finch, Anona**  
2003. See Waring, P. et al., 2003.
- Finch, Graham**  
2003. See Waring, P. et al., 2003.
- Fine, David**  
2006. Honeymoon bugs. *Southern Lepidopterists' News* 28(1): 11-13, figs. (30 March) [general; Dominican Republic]
- Fine, Paul V. A.**  
2016a. See Lamarre, G. P. A. et al., 2016a.  
2016b. See Lamarre, G. P. A. et al., 2016b.
- Finegan, Bryan**  
1993. *Taygetis lineata* (Godman & Salvin) (Lepidoptera: Rhopalocera: Styridae [sic]) rediscovered in Costa Rica. *Brenesia* (San José) 39/40: 173-174, 1 fig. (after 29 September)  
1996. Notes on the natural history of *Doxocopa excelsa* (Nymphalidae: Apaturinae) in Turrialba, Costa Rica. *Journal of the Lepidopterists' Society* 50(2): 141-144, 3 figs. (5 July) [larva, pupa; host plant]  
2007. Notes on *Memphis aulica* in Costa Rica, with a description of the female (Lepidoptera: Nymphalidae: Charaxinae). *Tropical Lepidoptera* 17(1/2): 15-18, 7 figs. (20 December) [taxonomy]
- Fink, Linda Susan**  
1985. See Brower, L. P. & L. S. Fink, 1985.  
1988. See Brower, L. P. et al., 1988.  
1992. See Brower, L. P. et al., 1992.  
1995. See Brower, L. P. et al., 1995.  
2006. See Brower, L. P. et al., 2006.  
2007. See Slayback, D. A. et al., 2007.  
2008. See Brower, L. P. et al., 2008.  
2009. See Brower, L. P. et al., 2009.  
2011. See Brower, L. P. et al., 2011.  
2015. See Brower, L. P. et al., 2015.  
2016. See Brower, L. P. et al., 2016.
- Fink, Linda Susan, and Lincoln Pierson Brower**  
1981. Birds can overcome the cardenolide defence of monarch butterflies in Mexico. *Nature* (London) 291(5810): 67-70, 2 figs., 2 tabs. (7 May) [*Danaus plexippus* (Linnaeus); chemical ecology]
- Fink, Linda Susan, Lincoln Pierson Brower, Robert B. Waide and Paul R. Spitzer**  
1983. Overwintering monarch butterflies as food for insectivorous birds in Mexico. *Biotropica* 15(2): 151-153, 1 tab. (June) [*Danaus plexippus* (Linnaeus)]
- Fink, Linda Susan, and Richard Irwin Vane-Wright**  
2007. Lincoln Brower's European tour. *Antenna* 31(4): 203-207, 4 figs. (October) [general; Mexico]
- Finkbeiner, Susan D.**  
2014. Communal roosting in *Heliconius* butterflies (Nymphalidae): Roost recruitment, establishment, fidelity, and resource use trends based on age and sex. *Journal of the Lepidopterists' Society* 68(1): 10-16, 3 figs., 1 tab. (3 March) [*Heliconius erato petiverana* Doubleday; Panama]  
2019. Evidence for communal roost size regulation in *Heliconius erato* butterflies (Nymphalidae). *Journal of the Lepidopterists' Society* 73(2): 122-128, 2 figs., 1 tab. (11 June) [behavior; Panama]
- Finkbeiner, Susan D., Adriana Darielle Briscoe and Sean P. Mullen**  
2017b. Complex dynamics underlie the evolution of imperfect wing pattern convergences in butterflies. *Evolution* 71(4): 949-959, 2 figs., 2 tabs. (April; published online 24 January) [*Adelpha*; Costa Rica]
- Finkbeiner, Susan D., Dmitry A. Fishman, Daniel Osorio and Adriana Darielle Briscoe**  
2012. The benefit of being a social butterfly: communal roosting deters predation. *Proceedings of the royal Society of London* (B) 279(1739): 2769-2776, 2 figs., 2 tabs. (22 July; published online 21 March) [*Heliconius erato petiverana* Doubleday; behavior; Costa Rica, Panama]  
2014. Warning signals are seductive: Relative contributions of color and pattern to predator avoidance and mate attraction in *Heliconius* butterflies. *Evolution* 68(12): 3410-3420, 2 figs., 1 tab. (December; published online 14 October) [*Heliconius erato* (Linnaeus); behavior; Costa Rica, Panama]
- Finkbeiner, Susan D., Dmitry A. Fishman, Daniel Osorio and Adriana Darielle Briscoe**  
2017a. Ultraviolet and yellow reflectance but not fluorescence is important for visual discrimination of conspecifics by *Heliconius erato*. *Journal of experimental Biology* 220(7): 1267-1276, 4 figs., 3 tabs. (1 April) [behavior; Panama]
- Finkbeiner, Susan D., Patricio Alejandro Salazar, Sofia Nogales, Cassidi E. Rush, Adriana Darielle Briscoe, Ryan I. Hill, Marcus R. Kronforst, Keith Richard Willmott and Sean P. Mullen**  
2018. Frequency dependence shapes the adaptive landscape of imperfect Batesian mimicry. *Proceedings of the royal Society of London* (B) 285(1876)(20172786): 1-9, 2 figs., 2 tabs. (11 April; published online 4 April) [*Adelpha iphiclus* (Linnaeus), *A. serpa* (Boisduval); Costa Rica, Ecuador]
- Finnell, Kathie**  
2000. See Sharkey, M. J. et al., 2000.
- Fischer, Hanna M., Christopher West Wheat, David G. Heckel and Heiko Vogel**  
2008. Evolutionary origins of a novel host plant detoxification gene in butterflies. *Molecular Biology and Evolution* 25(5): 809-820, 5 figs., 2 tabs. (May; published online 23 February 2008) [Pieridae]
- Fischer, Heinz**  
1960. *Ausstellung. Wunderwelt tropischer Schmetterlinge und Käfer*. Augsburg, Naturforschende Gesellschaft Augsburg. 35 pp., 14 figs. (12 November) [*Morpho*; distribution; Central and South America]  
1962. *Morphostudien, Teil 2. Bericht der naturforschenden Gesellschaft Augsburg* 15: 109-126, 18 figs., 2 maps (20 September) [general; new taxa: *Morpho aega bisanthe* form *aigneri*, *M. a. b.* form *wulfi*, *M. a. b.* form *huebneri*, *M. a. b.* form *walteri*, *M. a. aega* form *media*, *M. a. a.* form *pseudocyanites*, *M. menelaus eberti*, *M. m. zischkai*, *M. m. kesselringi*, *M. m. huebneri*, *M. m. wucherpennigi*, *M. m. praetorii*; South America]
- Fischer, Jean-Louis, and Jean-Georges Henrotte**  
1998. Mimétisme chez les papillons. *Pour la Science* 251: 56-62, figs. (September) [general; evolution]
- Fischer, Ottmar W.**  
2018. See Dolle, P. et al., 2018.
- Fischer, Sigmund Caspar** [1793-1860]  
1829. *Handbuch der Zoologie oder Beschreibung der Thiere nach dem äussern und innern Baue, und ihren Verrichtungen*. Wien, J. G. Heubner. xxxiv + 600 pp. ([18 April]) [general]
- Fischer-Sigwart, Hermann** [1842-1925]

1923. Schmetterlinge vom Amazonenstrom in Brasilien im Zofinger Museum. *Societas entomologica* 38(6): 21-23 (1 June) [general]
- Fischetti, Dario Luis**  
1949. La isoca de la alfalfa y su control. *La Chacra* (Buenos Aires) 20(228): 84-85, 1 fig. (November) [*Colias lesbia* (Fabricius); life history; Argentina]
- Fisher, Brian L.**  
2012. See Smith, M. A. et al., 2012.
- Fisher (Fišer), Jaroslav**  
2009. *The gallery of butterflies. 1. Morpho. Part 1.* Hrochův Týnec, Fisher Publisher. 88 pp., figs. (23 March) [general; new subspecies: *Morpho (Cytheritis) sulkowskyi achiras* Fisher, *M. (Iphimedeia) theseus mazatecus* Jakubek & Fisher; Neotropics]
- Fisher, Michael S.**  
1974. Two new *Thecla* from the continental United States (Lycaenidae). *Journal of the Lepidopterists' Society* 28(4): 305 (27 December) [*Electrostrymon angelica angelica* Hewitson, *Chlorostyrymon simaethis* (Drury); Neotropics]  
2006. See Scott, J. A. et al., 2006.
- Fishbein, Mark**  
2015. See Agrawal, A. A. et al., 2015.
- Fishman, Dmitry A.**  
2017. See Finkbeiner, S. D. et al., 2017a.
- Fisk, Frank W.**  
1990. Butterflies of Costa Rica and their natural history. Philip J. DeVries. *Annals of the entomological Society of America* 83(1): 103 (January) [book review]
- Fitter, Daniel**  
2000. See Fitter, J. et al., 2000.
- Fitter, Julian, Daniel Fitter and David Hosking**  
2000. *Wildlife of the Galápagos*. London, HarperCollins Publishers Ltd. 254 pp., figs. [general]
- Fitton, Mike, and Pamela Gilbert**  
1994. *Insect collections*, pp. 112-122, pls. 12-15. In: MacGregor, A. (Ed.), *Sir Hans Sloane. Collector, scientist, antiquary, founding father of the British Museum*. London, British Museum Press [general; history]
- Fitzgerald, Blair**  
2017. See Flockhart, D. T. T. et al., 2017a.
- Fitzgerald, Terrence D.**  
1993. *Sociality in caterpillars*, pp. 372-403, 1 tab. In: Stamp, N. E. & T. M. Casey (Eds.), *Caterpillars. Ecological and evolutionary constraints on foraging*. New York, Chapman & Hall. [general]  
2001. Nightlife of social caterpillars. *Natural History* (New York) 110(1): 38-43, figs. (February) [*Eucheira socialis* Westwood; behavior; host plant; Mexico]  
2011. See Pescador, A. et al., 2011.
- Fitzgerald, Terrence D., and James T. Costa**  
1999. *Collective behavior in social caterpillars*, pp. 379-400, 1 tab. In: Detrain, C. et al. (Eds.), *Information processing in social insects*. Basel, Birkhauser Verlag. [*Brassolis isthmia* Bates, *Eucheira socialis* Westwood]
- Fitzgerald, Terrence D., and Dessie L. A. Underwood**  
1998a. Trail marking by the larva of the Madrone Butterfly *Eucheira socialis* and the role of the trail pheromone in communal foraging behavior. *Journal of Insect Behavior* 11(2): 247-263, 4 figs., 3 tabs. (March) [host plants; Mexico]  
1998b. Communal foraging behavior and recruitment communication in *Gloveria* sp. *Journal of chemical Ecology* 24(8): 1381-1396, 2 figs., 4 tabs. (August) [*Eucheira socialis* Westwood; Mexico]  
2000. Winter foraging patterns and voluntary hypothermia in the social caterpillar *Eucheira socialis*. *Ecological Entomology* 25(1): 35-44, 9 figs., 3 tabs. (February) [Mexico]
- Fitzinger, Leopold Josef Franz Johann** [1802-1884]  
1868. Geschichte des kais. kön. Hof-Naturalien-Cabinetes zu Wien. II. Abtheilung. Periode unter Franz II. (Franz I. Kaiser von Österreich) bis zum Ende des Jahres 1815. *Sitzungsberichte der kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse* 57(5): 1013-1092 (after 22 May) [general; history]
- Fiuza, Renato Muniz**  
1941. Inimigos e doenças das leguminosas comestíveis cultivadas no Estado da Baía. *O Campo* (Rio de Janeiro) 12(135): 24-26 (March) [*Eudamus proteus* (Linnaeus); host plant; Brazil]  
1946. Inimigos e molestias das "leguminosas comestíveis cultivadas" no Estado da Bahia. *Boletim da Secretaria de Agricultura, Industria e Comercio* (Recife) 13(4): 335-345 (October-December) [transcription of Fiuza, 1941] [*Eudamus proteus* (Linnaeus); host plant; Brazil]
- Flanagan, Nicola Sian**  
2005. See Tobler, A. et al., 2005.  
2006. See Kapan, D. D. et al., 2006.
- Flanagan, Nicola Sian, Michael J. Blum, Angus Davison, M. Alamo, R. Albarrán, Kate Faulhaber, E. Peterson and William Owen McMillan**  
2002. Characterization of microsatellite loci in Neotropical *Heliconius* butterflies. *Molecular Ecology Notes* 2(4): 398-401, 2 tabs. (December; published online 24 October) [general]
- Flanagan, Nicola Sian, Alex Tobler, Angus Davison, Oliver G. Pybus, Durrell D. Kapan, S. Planas, Mauricio Linares, David G. Heckel and William Owen McMillan**  
2004. Historical demography of Müllerian mimicry in the neotropical *Heliconius* butterflies. *Proceedings of the national Academy of Sciences of the United States of America* 101(26):9704-9709, 2 figs., 2 tabs. (29 June) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus); evolution; phylogeography]
- Flaxman, Samuel M.**  
2018. See Schilling, M. P. et al., 2018.
- Flechtmann, Carlos Holger Wenzel**  
1962. See Gallo, D. & C. H. W. Flechtmann, 1962.
- Fleck, Marciane Daniella, and Ervandil Corrêa Costa**  
2019. Fruit-feeding butterflies assemblage in deciduous seasonal forest fragments and grassland. *Comunicata Scientiae* 9(4): 754-764, 3 figs., 2 tabs. (4 January) [general; Brazil]
- Fleck, Tomás, Rafael Gustavo Becker, Iberê Farina Machado, Roger Borges da Silva and Rosa Lía Barbieri**  
2007. *Borboletas da SIX. Guia de borboletas frugívoras*. Pelotas, Embrapa Clima Temperado. 108 pp., figs. (13 August) [general; Brazil]
- Fleishman, Erica**  
1995. A holistic view of butterflies. *Conservation Biology* 9(4): 968-969 (August) [Papilionidae; book review]
- Fleming, Alan J., Donald Montgomery Wood, M. Alex Smith, Tanya Dapkey, Winifred D. Hallwachs and Daniel Hunt Janzen**  
2019. Twenty-two new species in the genus *Hyphantrophaga* Townsend (Diptera: Tachinidae) from Area de Conservación Guanacaste, with a key to the species of Mesoamerica. *Biodiversity Data Journal* 7(e29553): 1-286, 30 figs. (28 June) [general; parasitoids]
- Fleming, Alan J., Donald Montgomery Wood, M. Alex Smith, Winifred D. Hallwachs and Daniel Hunt Janzen**  
2014. Revision of the New World species of *Houghia* Coquillett

- (Diptera, Tachinidae) reared from caterpillars in Area de Conservación Guanacaste, Costa Rica. *Zootaxa* 3858(1): 1-90, 45 figs., 2 tabs. (2 September) [general; host plants; parasitoids]
2018. Revision of the Mesoamerican species of *Calolydella* Townsend (Diptera: Tachinidae) and description of twenty-three new species reared from caterpillars in Area de Conservación Guanacaste, northwestern Costa Rica. *Biodiversity Data Journal* 6(e11223): 1-135, 39 figs. (1 February) [general; parasitoids]
- Fleming, Henry**  
 1953. See Crane, J. & H. Fleming, 1953.  
 1960a. See Beebe, C. W. et al., 1960.  
 1960b. The first instar larvae of the Heliconiidae (butterflies) of Trinidad, W. I. *Zoologica* (New York) 45(3): 91-110, 5 figs., 5 tabs. (30 November) [general; morphology]
- Fleming, Theodore H.**  
 2001. See Kronforst, M. R. & T. H. Fleming, 2001.
- Fleming, Theodore H., David Serrano and Jafet Nassar**  
 2005. Dynamics of a subtropical population of the zebra longwing butterfly *Heliconius charithonia*. *Florida Entomologist* 88(2): 169-179, 4 figs., 2 tabs. (June) [host plant; Neotropics]
- Fletcher, David Stephen** [1919- ]  
 1979. *Geometroidea*. In: Nye, I. W. B. (Ed.), *The Generic Names of Moths of the World. Volume 3*. London, Trustees of the British Museum (Natural History). xx + 243 pp., 18 figs. ([3 December]) [general]
- Flint, Oliver S.** [1931- ]  
 1996. See Louton, J. A. et al., 1996.
- Flinte, Vivian, Cristina Oliveira Araújo, Margarete Valverde de Macêdo and Ricardo Ferreira Monteiro**  
 2006. Insetos fitófagos associados ao muriti da praia, *Byrsonima sericea* (Malpighiaceae), na restinga de Jurubatiba (RJ). *Revisia brasileira de Entomologia* 50(4): 512-523, 6 figs., 2 tabs. (31 December) [*Elbella intersecta rufitegula* Mielke, *Kolana ergina* (Hewitson); host plants; Brazil]
- Floch, Hervé Alexandre** [1908-1996], and **Émile Abonnenc**  
 1949. Sur les cératopogonidés du Vénézuéla. Description de deux espèces nouvelles: *Culicoides lichyi* et *Lasiohelea danaisi*. *Publication. Institut Pasteur de la Guyane et du Territoire de l'Inini* 196: 1-5, 2 figs. (September) [*Danais eresimus* (Cramer), *Eurema nise* (Cramer); ectoparasites]
1950. Cératopogonidés nouveaux du Vénézuéla. *Culicoides lichyi* n. sp. et *Lasiohelea danaisi* n. sp. *Boletín de Entomología venezolana* 8(3/4): 69-75, 2 figs. (15 June) [*Danais eresimus* (Cramer), *Eurema nise* (Cramer); ectoparasites]
- Flockhart, D. T. Tyler**  
 2013. See Hanley, D. et al., 2013.
- Flockhart, D. T. Tyler, Lincoln Pierson Brower, María Isabel Ramírez, Keith A. Hobson, Leonard I. Wassenaar, Sonia M. Altizer and D. Ryan Norris**  
 2017b. Regional climate on the breeding grounds predicts variation in the natal origin of monarch butterflies overwintering in Mexico over 38 years. *Global Change Biology* 23(7): 2565-2576, 2 figs., 3 tabs. (July; published online 3 January) [*Danaus plexippus* (Linnaeus)]
- Flockhart, D. T. Tyler, Blair Fitz-gerald, Lincoln Pierson Brower, Rachael Derbyshire, Sonia M. Altizer, Keith A. Hobson, Leonard I. Wassenaar and D. Ryan Norris**  
 2017a. Migration distance as a selective episode for wing morphology in a migratory insect. *Movement Ecology* 5(7): 1-9, 2 figs., 1 tab. (published online 5 April) [*Danaus plexippus* (Linnaeus); Mexico]
- Flockhart, D. T. Tyler, Jean-Baptiste Pichancourt, D. Ryan Norris and Tara G. Martin**  
 2015. Unravelling the annual cycle in a migratory animal: breeding-season habitat loss drives population declines of monarch butterflies. *Journal of Animal Ecology* 84(1): 155-165, 5 figs., 1 tab. (January; published online 5 June 2014) [*Danaus plexippus* (Linnaeus); Mexico]
- Floquet, Philippe**  
 2008. *Agrias*. Paris, Author. 98 pp., figs. [general; life histories; Central and South America]
- 2010a. Une nouvelle forme d'*Agrias phalcidon* Hewitson du bassin amazonien au Brésil (Lepidoptera, Nymphalidae). *Lambillionea* 110(1)(2): 132-133, 8 figs. (April) [*A. phalcidon phalcidon* form *floqueti*]
- 2010b. *Agrias*. Volume 2. Paris, Author. pp. 99-156, figs. [general; Central and South America]
- 2011a. Forme rouge d'*Agrias amydon smalli* Miller & Nicolay (1971), du Costa-Rica (Lepidoptera, Nymphalidae). *Lambillionea* 111(1): 31-32, 8 figs. (April) [*A. a. s. new form ghislenae*]
- 2011b. Les variations chez *Agrias pericles* Bates (1860), de la région de Maues et Itaituba au Brésil (Lepidoptera, Nymphalidae). *Lambillionea* 111(1): 43-48, 24 figs., 1 map (April) [general]
- 2011c. Les variations chez *Agrias phalcidon* ssp. *fournierae* (Fassl, 1921), au Brésil (Lepidoptera, Nymphalidae). *Lambillionea* 111(2): 189-194, 42 figs. (August) [general]
- 2011d. Les variations chez *Agrias phalcidon phalcidon* Hewitson, 1855, et description de la femelle de la forme *floqueti* Floquet, 2010, Brésil (Lepidoptera, Nymphalidae). *Lambillionea* 111(3)(2): 289-294, 40 figs. (August) [general]
- 2012a. Les variations chez *Agrias phalcidon excelsior* Lathy, 1924, Brésil (Lepidoptera, Nymphalidae). *Lambillionea* 112(1): 57-60, 27 figs. (August) [general]
- 2012b. Les sous-espèces d'*Agrias narcissus* Staudinger, 1886 et leurs variations (Lepidoptera, Nymphalidae). *Lambillionea* 112(2): 149-152, 32 figs. (September) [general]
- 2012c. *Agrias hewitsonius* Bates, 1860 (Lepidoptera, Nymphalidae). *Lambillionea* 112(3): 218-220, 8 figs. (December) [Brazil]
- 2012d. Les sous-espèces et variations chez *Agrias beatifica* Hewitson, 1869 (Lepidoptera, Nymphalidae). *Lambillionea* 112(3): 280-286, 52 figs. (December) [larva; Colombia, Peru, Brazil]
- 2013a. Variations chez *Agrias phalcidon phalcidon* Hewitson, 1855 f. *floqueti* Floquet, 2010 et description de une nouvelle forme, f. *manfredi* nov. (Lepidoptera, Nymphalidae). *Lambillionea* 113(1): 23-24, 6 figs. (April) [Brazil]
- 2013b. Forme récurrente chez les *Agrias* Doubleday, 1845 (Lepidoptera, Nymphalidae). *Lambillionea* 113(1): 79-80, 8 figs. (April) [Brazil]
- 2013c. Découverte et description d'une nouvelle forme d'*Agrias beatifica stuarti* Godman & Salvin, 1882 f. *pseudohewitsonius* nov. (Lepidoptera, Nymphalidae). *Lambillionea* 113(2): 104-105, 8 figs. (September) [Peru, Brazil]
2014. Variations chez *Agrias amydon athenais* Fruhstorfer, 1912 et description d'une forme nouvelle *auriflamma* f. nov. (Lepidoptera, Nymphalidae). *Lambillionea* 114(3)(2): 269-270, 12 figs. (December) [Ecuador]
2015. Note sur les populations d'*Agrias aedon* Hewitson, 1848 du Costa Rica (Lepidoptera, Nymphalidae). *Lambillionea* 115(3): 234-238, 14 + 5 figs. ("October", [December]) [general; Central America, Colombia, Ecuador]
2016. Découverte et description de la forme rouge d'*Agrias*

- phalcidon excelsior* Lathy, 1924 au Brésil f. *akai* nov.  
 Floquet, 2015 [sic] (Lepidoptera, Nymphalidae).  
*Lambillionea* 116(1): 72-73, 8 figs. (February)
- Florczyk, Klaudia**  
 2019a. See Bálint, Z. et al., 2019a.  
 2019b. See Pyrcz, T. W. et al., 2019a.  
 2019c. See Pyrcz, T. W. et al., 2019b.
- Flores, Adrián**  
 2013. See Hernández, B. C. et al., 2013.  
 2014a. See Hernández, B. C. et al., 2014a.  
 2014b. See Hernández, B. C. et al., 2014b.  
 2015s. See Hernández, B. C. et al., 2015.  
 2015b. See Nieves, S. et al., 2015.  
 2016a. See Nieves, S. et al., 2016a.  
 2016b. See Nieves, S. et al., 2016b.  
 2016c. See Nieves, S. et al., 2016c.  
 2016d. See Nieves, S. et al., 2016d.  
 2017a. See Nieves, S. et al., 2017a.  
 2017b. See Nieves, S. et al., 2017b.  
 2018a. See Nieves, S. et al., 2018a.  
 2018b. See Llorente, J. E. et al., 2018.  
 2018c. See Nieves, S. et al., 2018b.  
 2019. See Nieves, S. et al., 2019a.
- Flores, Alejandro**  
 2017. See López-Gutiérrez, S. et al., 2017.
- Flores, Eliana María**  
 2013. See Duque, P. et al., 2013.  
 2014. See Duque, P. et al., 2014.
- Flores, Francisco Gonçalves**  
 1960. *Noções preliminares sobre a cultura do abacaxizeiro*, pp. 5-20, figs. In: *Fruticultura gaucha - Abacaxi, banana, citrus*. Porto Alegre, Secretaria da Agricultura, Indústria e Comercio. [*Thecla basilides* Geyer; Brazil]
- Flores, Ignacio, and María de las Mercedes Luna**  
 2017. Diversidad y distribución de cinco familias de Papilionoidea (Lepidoptera) de las selvas altas en la Provincia Biogeográfica del Golfo de México. *Acta zoológica mexicana* (N. S.) 33(2): 211-230, 2 figs., 5 tabs. (August) [general]
- Flores, Jaime E.**  
 1995. See Cibrián, D. et al., 1995.
- Flores, Joel**  
 2013. See Mora, R. et al., 2013.
- Flores, Jorge**  
 2011. Listado preliminar de mariposas diurnas de Cholula. *Elementos. Ciencia y Cultura* (Puebla) 18(83): 25-28, 1 tab. (September) [general; Mexico]
- Flores, Luisa E.**  
 2010. See Segarra, A. E. et al., 2010.
- Flores, M. E.**  
 2017. See Pino, J. M. et al., 2017.
- Flores, Oscar**  
 2015. See Ruiz, J. et al., 2015.
- Flores, Oscar A.**  
 1993. See Peterson, A. T. et al., 1993.
- Flores-Ayala, Eulogio**  
 2017. See Pérez-Miranda, R. et al., 2017.
- Flores-Hernández, Perla S.**  
 2015. See Orozco-Ibarrola, O. A. et al., 2015.
- Flores-Palacios, Alejandro**  
 2015. See Orozco-Ibarrola, O. A. et al., 2015.
- Flores-Peredo, Rafael**  
 2014. See Ruiz-Montiel, C. et al., 2014.
- Flores-Pérez, Leonardo Roberto**  
 2019. See Calyecac-Cortero, H. G. et al., 2019.
- Floyd, Ted**  
 1993. See Dyer, L. A. & T. Floyd, 1993.
- Förster, Hans**  
 1943. Presentación de ejemplares hermafroditas de *Colias lesbia* L. *Revista de la Sociedad entomológica argentina* 12(1): 64 (30 November) [Argentina]
- Foerster, Juan**  
 1955. Im Reich des *Morpho aega*. *Entomologische Zeitschrift* 65(19): 217-231, 3 figs. (1 October), (20): 233-240, fig 4 (15 October), (21): 251-256, fig 5 (1 November) [general; ecology; Paraguay]
- Foetterle, Josef Gustav** [ -1929]  
 1902. Descrição de lepidopteros novos do Brazil. *Revista do Museu paulista* (São Paulo) 5: 618-652, pls. 15-18, 1 fig. ("1901", [24 December] 1902) [*Papilio jaguarae*, *P. hedaie*, *P. campeiro*, *Pieris itatiayae*, *Chlorippe sultana*, *C. s. female variety anaemica*, *C. s. female variety favorita*, *Epinephele boenninghauseni*, *Pronophila schreineri*, *Pyrrhopyge maravilha*]
- Fogel, Marilyn L.**  
 2003. See O'Brien, D. M. et al., 2003.
- Fogden, Michael, and Patricia Fogden**  
 1974. *Animals and their colors. Camouflage, warning coloration, courtship and territorial display, mimicry*. New York, Crown Publishers, Inc. 172 pp., figs. [general]
- Fogden, Patricia**  
 1974. See Fogden, M. & P. Fogden, 1974.
- Foglio, Mary Ann**  
 2000. See Brückmann, M. et al., 2000.
- Foletti, S.**  
 2006. See Stavenga, D. G. et al., 2006.
- Foley, Ian A.**  
 2008a. See Ivie, M. A. et al., 2008a.  
 2008b. See Ivie, M. A. et al., 2008b.
- Foley, Jessica**  
 2019. See Concha, C. et al., 2019.
- Foley, Nicole**  
 2019. See Ray, D. A. et al., 2019.
- Folsom, William B.**  
 2009. *Butterfly photographer's handbook. A comprehensive reference for nature photographers*. Buffalo, Amherst Media. 125 pp., figs. [general]
- Fonseca, Alessandra**  
 2014. See Kerpel, S. M. et al., 2014a.
- Fonseca, Carlos Roberto**  
 2006. See Almeida, A. M. de et al., 2006.
- Fonseca, Francielle Cardoso**  
 2010. See Santos, S. B. dos et al., 2010.
- Fonseca, José Pinto da** [1896-1982]  
 1922. See Lüderwaldt, H. & J. P. da Fonseca, 1922.  
 1934. Relação das principais pragas observadas nos anos de 1931, 1932 e 1933, nas plantas de maior cultivo no Estado de S. Paulo. *Archivos do Instituto biológico* (São Paulo) 5: 263-289 (December) [general; Brazil]  
 1937. A lagarta do abacaxi. *O Biológico* (São Paulo) 3(1): 21-22 (January) [*Thecla echion* (Linnaeus); egg, larva, pupa; behavior; host plants; Brazil]
- Fonseca, José Pinto da, and Elpidio Amante**  
 1973. A entomofauna do cafeeiro. *Revista de Agricultura* (Piracicaba) 48(4): 135-147 (December) [general; host plants; Brazil]
- Fonseca, José Pinto da, and Mario Paulo Autuori**  
 1932a. Lista dos principais insectos que atacam plantas citricas no Brasil. *Revista de Entomologia* (Rio de Janeiro) 2(2): 202-216 (31 March) [Papilionidae; life histories]  
 1932b. *Principaes pragas do café no Estado de São Paulo*. São Paulo, Secretaria da Agricultura. 87 pp., 8 pls., 40 figs.



- [*Caligo telamonius* (C. Felder & R. Felder); larva; Brazil]
1933. *Pragas dos citrus*. In: Andrade, E. N. de, *Manual de Citricultura. II. Parte. Doenças, pragas e tratamentos*. São Paulo, Edições Chácaras e Quintaes. 212 pp., 83 figs. [*Papilio* spp.; eggs, larvae, pupae, imagines; behavior; parasitoids; Brazil]
- Fonseca, Nilson Gonçalves da, Alice Fumi Kumagai and Olaf Hermann Hendrik Mielke**
2006. Lepidópteros visitantes florais de *Stachytarpetha cayennensis* (Rich.) Vahl (Verbenaceae) em remanescente de mata atlântica, Minas Gerais Brasil. *Revista brasileira de Entomologia* 50(3): 399-405, 3 figs., 1 tab. (30 September) [general]
- Fonseca Filho, Olympio Ribeiro da** [1895-1978]
1918. See Lutz, A. et al., 1918.
- Fonseca, Rafael Luís**
2007. See Uehara-Prado, M. & R. L. Fonseca, 2007.
- Fonseca, Rosineide Braz Santos**
2006. See Colaço, M. Â. da S. et al., 2006.
- Fonseca, Rúbia Santos**
2012. See Cruz, K. C. et al., 2012.
- Fonseca, Rúbia Santos, Lúcio Antonio de Oliveira Campos and Milene Faria Vieira**
2013. Melittophily and ornitochory in *Tilesia baccata* (L.f.) Pruski: An Asteraceae of the Atlantic Forest understory with fleshy fruits. *Flora* (Jena) 208(5/6): 370-380, 3 figs., 5 tabs. (May; published online 13 June) [general; Brazil]
- Fonseca-González, Alicia**
2018. Peralta-Cisneros, J. M. et al., 2018.
- Fontal, Félix Manuel**
1997. See Viejo, J. L. et al., 1997.
2004. See Viejo, J. L. et al., 2004.
- Fontenelle, Julio Cesar Rodrigues**
2011. See Carvalho Neto, C. de S. et al., 2011.
- Fontenla, Jorge Luis** [1955- ]
1984. Nueva localidad para *Holguinia holguin* Evans, 1955 (Lepidoptera: HesperIIDae). *Miscelánea zoológica* (La Habana) 23: 2-3. (7 November) [Cuba]
1985. Relaciones fagísticas entre mariposas cubanas (Insecta: Lepidoptera). Estudio preliminar. *Ciencias biológicas* (La Habana) 14: 49-58, 4 tabs. [general]
- 1987a. Aspectos comparativos estructurales de tres comunidades de mariposas (Lepidoptera: Rhopalocera) en Cuba. *Poeyana* 337: 1-20, 3 figs., 7 tabs. (10 April) [general]
- 1987b. Características zoogeográficas de las ropalóceras (Insecta: Lepidoptera) de Viñales, Pinar del Río, Cuba. *Poeyana* 339: 1-11, 3 tabs. (10 April) [general]
- 1989a. Reconsideración taxonómica de *Phoebis avellaneda* (Merrich [sic] -Schaffer) (Lepidoptera: Pierida [sic]). *Poeyana* 366: 1-12, 3 tabs. (30 June) [Cuba]
- 1989b. Estructura taxonómica y zoogeografía de las mariposas (Rhopalocera) del Jardín Botánico de Cienfuegos, Cuba. Análisis comparativo. *Poeyana* 367: 1-24, 1 fig., 6 tabs. (30 June) [general]
- 1989c. Partición de recursos en una comunidad de mariposas (Lepidoptera, Rhopalocera). *Poeyana* 385: 1-26, 3 figs., 8 tabs. (11 August) [general; Cuba]
- 1989d. Presencia de *Junonia genoveva* (Cramer) (Lepidoptera: Nymphalidae) en Cuba. *Miscelánea zoológica* (La Habana) 44: 3-4 (30 September)
1992. Biogeografía ecológica de las mariposas diurnas cubanas. Patrones generales. *Poeyana* 427: 1-30, 4 figs., 7 tabs. (30 November) [general]
1994. Estabilidad y variabilidad temporal de la comunidad de mariposas del Jardín Botánico de Cienfuegos, Cuba. *Ciencias biológicas* (La Habana) 27: 6-11, 3 tabs. [general]
2003. Biogeography of Antillean butterflies (Lepidoptera: Rhopalocera): Patterns of association among areas of endemism. *Transactions of the American Entomological Society* 129(3/4): 399-410, 4 figs., 1 tab. (December) [general]
2004. See Hidalgo, M. M. et al., 2004.
2005. Mariposas, pp. 61, 184. In: Fong, A., D. Maceira, W. S. Alverson & J. M. Shopland (Eds.), Cuba: Siboney-Jutici. *Rapid biological Inventories* (Chicago) 10. (April) [general]
- Fontenla, Jorge Luis, and Jorge de la Cruz**
1986. Análisis zoogeográfico de las mariposas antillanas (Lepidoptera: Rhopalocera) a nivel subespecífico. *Ciencias biológicas* (La Habana) 15: 107-122, 3 figs., 3 tabs. [general]
1987. Análisis zoogeográfico preliminar de las mariposas diurnas cubanas (Lepidoptera: Rhopalocera). *Reporte de Investigación del Instituto de Ecología y Sistemática* (La Habana) 49: 1-20, 6 figs., 3 tabs. (October) [general]
1992. Consideraciones biogeográficas sobre las mariposas endémicas de Cuba. *Poeyana* 426: 1-34, 5 figs., 7 tabs. (30 November) [general]
- Fontenla, Jorge Luis, Elba Esther Reyes, Hilda Santiago and Marbelia Rosabal**
1984. Nuevo hallazgo de *Papilio polyxenes* Fabricius, 1775 (Lepidoptera: Papilionidae). *Miscelánea zoológica* (La Habana) 21: 1-2 (7 November) [host plant; Cuba]
- Fontenla, Jorge Luis, and Rosanna Rodriguez**
1990. Sistema de poblaciones de *Calisto sibylla* Bates, 1934 (Lepidoptera: Satyridae) en Cuba. *Poeyana* 395: 1-13, 1 fig. 3 tabs. (28 July) [zoogeography]
- Fontenla, Jorge Luis, and Coralia S. Sánchez**
1989. Variación geográfica de las poblaciones central y oriental de *Greta cubana* (Herrich-Schaffer [sic] 1862) (Lepidoptera: Ithomiidae). *Poeyana* 382: 1-9, 3 figs., 1 tab. (21 July) [Cuba]
- Fontes, Eliana Maria Gouveia**
2014. See Paula, D. P. et al., 2014.
- Fontes, Lilian**
2014. See May, E. G. L. et al., 2014.
- Forbes, Alden C.**
1971. See Fox, R. M. & A. C. Forbes, 1971.
- Forbes, Gregory S.**
1982. See Holland, R. W. & G. S. Forbes, 1982
- Forbes, William Trowbridge Merrifield** [1885-1968]
1924. The genus *Mechanitis* Fab., (Lepidoptera, Ithomiinae). *Journal of the New York entomological Society* 32(3): 146-158, pl. 12 (15 September) [general]
- 1927a. The species of Hübner's Tentamen. *Proceedings of the entomological Society of Washington* 28(9): 191-201 (15 January) [general]
- 1927b. The genus *Melinaea* Hübner, with a description of a new species (Lepidoptera, Ithomiinae). *Journal of the New York entomological Society* 35(1): 23-36, pls. 2-3 (28 April) [general; *M. comma*, *M. menophilus membrosa*]
- 1927c. Exit the Tentamen, but... *Science* 66(1713): 396-397 (28 October) [general]
- 1927d. The American Catopsilias (Lepidoptera, Pieridae). *Annals of the entomological Society of America* 20(4): 474-480 (30 December) [general; new species: *C. etiolata*; Neotropics]
- 1928a. The Tentamen versus the Tentamen names. *Entomological News* 39(4): 116-119 (2 April) [general]
- 1928b. A key to the forms of the genus *Chlosyne* (Lepidoptera, Nymphalidae). *Annals of the entomological Society of*

- America 21(1): 98-100 ("March", [18 April]) [general; Neotropics]
- 1928c. A new *Teriocolias* (Lepidoptera Pieridae) from the Andes. *Journal of the New York entomological Society* 36(1): 81-82 (11 May) [*T. andina*; Peru]
- [1929]. Variation in *Junonia lavinia* (Lepidoptera, Nymphalidae). *Journal of the New York entomological Society* 36(4): 305-320, pl. 11 ("December 1928", [9 January 1929]) [general; new taxa: *J. l. arenosa* ("new race"), *J. l. vivida* ("new variety"), *J. l. nigralis* ("new aberration"), *J. l. huacapistana* ("new race"), *J. l. lima* ("new race"); Surinam, Guyana, Peru]
- 1930a. A new *Mechanitis* (Lepidoptera, Nymphalidae). *Journal of the New York entomological Society* 38(3): 317-318 (25 September) [*M. limnaea*; French Guiana, Surinam]
- 1930b. Insects of Porto Rico and the Virgin Islands. Heterocera or moths (excepting the Noctuidae, Geometridae and Pyralididae). *Scientific Survey of Porto Rico and the Virgin Islands* 12(1): 1-171, pls. 1-2 [general; zoogeography; Neotropics]
1932. How old are the Lepidoptera? *American Naturalist* 66(706): 452-460 (September) [general; Neotropics]
1933. Species and less, an open letter. *Entomological News* 44(9): 239-245, (7 November) [general]
1937. Butterfly geography. *Proceedings of the royal canadian Institute* (3A)2: 83-87 (after 27 February) [general; Neotropics]
- 1939a. Iridescence. *Entomological News* 50(2): 40-44, 1 fig. (9 February), (4): 101-104 (13 April) [general]
- 1939b. Revisional notes on the Danainae (Lepidoptera). *Entomologica americana* 19(2): 101-140, pl. 12, 1 fig. (22 May) [general; new subspecies: *Danaus eresimus dilucida*; Neotropics]
1940. Las danaides del norte de Venezuela. *Boletín de la Sociedad venezolana de Ciencias naturales* 6(46): 308-317 (October-December) [general]
- 1941a. The early genera of Ithomiinae (Lepidoptera: Nymphalidae). *Entomological News* 52(1): 1-4 (23 January) [general]
- 1941b. Line-elements in butterfly patterns. *Entomological News* 52(6): 151-154, pl. 2 (16 June) [general]
- 1941c. What is *Pseudomechanitis*? (Lepid.: Nymphalidae). *Entomological News* 52(10): 276-277 (30 December) [general; Colombia]
- 1942a. On border-line *Dircenna* (Lepidoptera, Ithomiinae). *Journal of the New York entomological Society* 50(1): 37-44, 9 figs. (4 March) [general; new taxa: *Hyalenna*, *Dircenna rufa*, *D. chloromeli*; South America]
- 1942b. The Lepidoptera of the Dry Tortugas. *Psyche* (Cambridge) 48(4): 147-148 (March) [general]
- 1942c. Note on the butterflies of Venezuela Guiana. *Boletín de Entomología venezolana* 1(2): 25-36 (30 April) [general; new taxa: *Melinaea mneme* race *aurantia*, *Napeogenes catamelas*, *Catagramma cruenta*, *Morpho achilles* race *tepuina*]
- [1943]. The genus *Megistanis* (Lepidoptera, Nymphalidae). *Entomological News* 53(10): 278-281 ("December 1942", [26 January 1943]) [general; Central and South America]
- [1944]a. Revisional notes on the Danainae (supplement). *Journal of the New York entomological Society* 51(4): 295-304, figs. ("December 1943", [3 January 1944]) [general; new subspecies: *Danaus eresimus tethys*; Neotropics]
- [1944]b. The genus *Thyridia* (Lepidoptera, Ithomiinae). *Annals of the entomological Society of America* 36(4): 707-716, 2 pls., 1 map ("December 1943", [10 January 1944]) [general; new taxa: *T. maxima*, *T. nigerrima*, *T. grandior*, *T. g. incana*; South America]
- 1944c. Substitute food-plants. *Entomologist's Record and Journal of Variation* 56(1): 8 (15 January) [*Papilio thoas* Linnaeus; Surinam, Guyana]
- 1944d. Lepidoptera from western Peru and Ecuador. *Journal of the New York entomological Society* 52(1): 75-83 (6 April) [general]
1945. The genus *Phyciodes* (Lepidoptera, Nymphalinae). *Entomologica americana* 24(4): 139-207, pls. 7-14 (24 May) [general; new subgenus: *Tritanassa*; Neotropics]
1946. The genus *Gnathotriche* (Lepidoptera, Nymphalidae), pp. 195-198, 2 figs. In: *Livro de Homenagem a Romualdo Ferreira d'Almeida*. São Paulo, Sociedade Brasileira de Entomologia (8 August) [general]
1947. Buckeyes and Wegener. *Entomologist* 80(1006): 56-58, 7 figs. (26 March) [general]
1948. A second review of *Melinaea* and *Mechanitis* (Lepidoptera, Ithomiinae). *Journal of the New York entomological Society* 56(1): 1-24, pls. 1-2, 2 maps (24 April) [general; new taxa: *Melinaea isocomma*, *Mechanitis polymnia solaria*, *M. p. mauensis*, *M. mazaesus beebei*, *M. b. bipuncta*; Neotropics]
1951. Footnote on *Papilio*. *Lepidopterists' News* 5(1/2): 16 (6 June) [general; Neotropics]
1953. A draft key to *Taygetis* (Satyriinae). *Lepidopterists' News* 6(6/8): 97-98 (19 February) [general; Neotropics]
1954. Presidential address to Los Angeles Meeting of the Lepidopterists' Society. *Lepidopterists' News* 8(1/2): 1-4 (25 June) [*Precis coenia* (Hübner), *P. zonalis* (C. Felder & R. Felder); Cuba, Mexico]
1955. *Lepidoptera*, pp. 539-554. In: *A Century of Progress in the Natural Sciences*. San Francisco, California Academy of Sciences. [general; literature; classification; morphology; physiology; distribution; Neotropics]
1956. On the limiting of subspecies. *Lepidopterists' News* 10(1/2): 35-36 (10 August) [general; Neotropics]
- 1958a. The lycaenid antenna. *Lepidopterists' News* 11(1/3): 13-14 (28 March) [general; Neotropics]
- 1958b. Caterpillars as botanists. *Proceedings of the 10th international Congress of Entomology* (Montreal) 1: 313-317 (December) [general]
1960. A lepidopterist reviews the Society's support in Lepidoptera research. *Transactions of the american entomological Society* 85: 323-326 (23 February) [general]
- Ford, Edmund Brisco** [1901-1988]
1933. See Carpenter, G. D. H. & E. B. Ford, 1933.
1940. Genetic research in the Lepidoptera. *Annals of Eugenics* 10(3): 227-252, pl. 1, 1 fig. 7 tabs. [general; pigments; mimicry]
1941. Studies on the chemistry of pigments in the Lepidoptera, with reference to their bearing on systematics. 1. The anthoxanthins. *Proceedings of the royal entomological Society of London* (A) 16(3/4): 65-90, 11 tabs. (15 September) [general]
- 1944a. Studies on the chemistry of pigments in the Lepidoptera, with reference to their bearing on systematics. 3. The red pigments of the Papilionidae. *Proceedings of the royal entomological Society of London* (A) 19(7/9): 92-106, 6 tabs. (21 September) [general]
- 1944b. Studies on the chemistry of pigments in the Lepidoptera, with reference to their bearing on systematics. 4. The classification of the Papilionidae. *Transactions of the royal entomological Society of London* 94(2): 201-223, 1 fig. (29 December) [general]
1947. A murexide test for the recognition of pterines in intact insects. *Proceedings of the royal entomological Society of London* (A) 22(7/9): 72-76, 2 tabs. (20 September)

- [general]
1963. Mimicry. *Proceedings of the XVI international Congress of Zoology* (Washington, D.C.) 4: 184-186 (September) [general; genetics; behavior]
- Ford, Hugh A.**  
1972. See Parkin, P. et al., 1972.
- Fordyce, James A.**  
2005. *Clutch size plasticity in the Lepidoptera*, pp. 125-144, 1 fig., 1 tab. In: Ananthkrishnan, T. N. & D. W. Whitman (Eds.), *Insects and phenotypic plasticity*. Enfield, Science Publishers. [*Heliconius hewitsoni* Hewitson, *Mechanitis lysimnia* (Fabricius)]  
2006. See Gompert, Z. et al., 2006.  
2007. See Shapiro, A. M. et al., 2007.  
2008. See Forister, M. L. et al., 2008.  
2010. Host shifts and evolutionary radiations of butterflies. *Proceedings of the royal Society of London (B)* 277(1701): 3735-3743, 2 figs., 1 tab. (22 December; published online 7 July) [general]  
2012. See DeVries, P. J. et al., 2012.  
2015. See Hamm, C. A. & J. A. Fordyce, 2015.  
2016. See Hamm, C. A. & J. A. Fordyce, 2016.  
2017. See Dimarco, R. D. & J. A. Fordyce, 2017.  
2019. See Nice, C. C. et al., 2019.
- Fordyce, James A., and Anurag A. Agrawal**  
2001. The role of plant trichomes and caterpillar group size on growth and defence of the pipevine swallowtail. *Journal of animal Ecology* 70(6): 997-1005, 5 figs., 2 tabs. (November) [host plants; Mexico]
- Fordyce, James A., and Philip James DeVries**  
2016. A tale of two communities: Neotropical butterfly assemblages show higher beta diversity in the canopy compared to the understory. *Oecologia* 181(1): 235-243, 5 figs., 1 tab. (May; published online 17 January) [general; Costa Rica, Ecuador, Peru]
- Fordyce, James A., Matthew L. Forister, Chris C. Nice, John McLauren Burns and Arthur Maurice Shapiro**  
2008. Patterns of genetic variation between the checkered skippers *Pyrgus communis* and *Pyrgus albescens* (Lepidoptera: Hesperidae). *Annals of the entomological Society of America* 101(4): 794-800, 3 figs., 2 tabs. (July) [Mexico]
- Fordyce, James A., and Chris C. Nice**  
2003. Contemporary patterns in a historical context; phylogeographic history of the pipevine swallowtail, *Battus philenor* (Papilionidae). *Evolution* 57(5): 1089-1099, 4 figs., 4 tabs. (10 June) [Mexico]
- Forero, Dimitri**  
2018. See Kawahara, A. Y. et al., 2018b.
- Forero, Francisco**  
2015. See Huertas, B. C. et al., 2015.
- Forero, Luis Enrique**  
1976. See Gibson, C. W. D. et al., 1976.
- Forestiero, Saverio** [1948- ]  
1985. See Sbordoni, V. & S. Forestiero, 1985.
- Forestiero, Saverio, and Valerio Sbordoni**  
1997. Coevoluzione tra farfalle ed altri organismi, pp. 77-105, 2 figs., 3 tabs. In: XXIII Seminario sulla Evoluzione Biologica e i Grandi Problemi della Biologia. Coevoluzione e Coadattamento. *Contributi del Centro Linceo interdisciplinare "Beniamino Segre"*. *Accademia nazionale dei Lincei* (Roma) 95 [*Heliconius*]
- Forister, Matthew L.**  
2006. See Gompert, Z. et al., 2006.  
2007. See Shapiro, A. M. et al., 2007.  
2008. See Fordyce, J. A. et al., 2008.  
2012. See Runquist, E. B. et al., 2012.  
2016. See Scherrer, S. et al., 2016.  
2019. See Nice, C. C. et al., 2019.
- Forister, Matthew L., Chris C. Nice, James A. Fordyce, Zachariah Gompert and Arthur Maurice Shapiro**  
2008. Considering evolutionary processes in the use of single-locus genetic data for conservation, with examples from the Lepidoptera. *Journal of Insect Conservation* 12(1): 37-51, 2 figs., 1 tab. (February; published online 1 February 2007) [general]
- Forister, Matthew L., and Arthur Maurice Shapiro**  
2003. Wing patterns variation in the anise swallowtail, *Papilio zelicaon* (Lepidoptera: Papilionidae). *Annals of the entomological Society of America* 96(1): 73-80, 5 figs., 2 tabs. (January) [Mexico]
- Formentini, Aline Carraro, Daniel Ricardo Sosa-Gómez, Silvana Vieira de Paula-Moraes, Neiva Monteiro de Barros and Alexandre Specht**  
2015. Lepidoptera (Insecta) associated with soybean in Argentina, Brazil, Chile and Uruguay. *Ciência rural* (Santa Maria) 45(12): 2113-2120, 3 tabs. (December) [general; host plants]
- Fornazier, Maurício José**  
2014. See Martins, D dos S. et al., 2018.
- Fornel, Rodrigo**  
2015. See Massardo, D. et al., 2015.  
2018a. See Rossato, D. O. et al., 2018a.  
2018b. See Millán, C. et al., 2018.
- Fornier, A. C.**  
1983. See Bortoli, S. A. de et al., 1983.
- Forno, Eduardo** [1961- ]  
1989. Mariposas del Beni: Un ejemplo de belleza y adaptación en la naturaleza. *Encuentro* (La Paz) 2(5): 66-73, figs. (November) [general]  
1991. *Mariposas*, pp. 481-497, 7 figs. In: Forno, E. & M. Baudoin (Eds.), *Historia Natural de un Valle en los Andes: La Paz*. La Paz, Universidad Mayor de San Andrés, Instituto de Ecología. [general; host plants; ecology; distribution; Bolivia]  
2006. See Gareca, Y. et al., 2006b.
- Forno, Wendy**  
1995. See Harley, K. et al., 1995.
- Fornoni, Juan Enrique**  
2011. See Benítez, S. et al., 2011.
- Forrest, Hugh S.**  
[1989]. See Gilbert, L. E. et al., [1989].
- Forsström, Johan Eric** [1775-1824]  
1798. [Thesis]. In: Thunberg, C. P., *Museum naturalium Academiae Upsaliensis. Dissertationes*. Appendix. Upsaliae, J. F. Edman. 6: ii + 109-117 (21 June) [general]
- Forster, Johann Reinhold** [1729-1798]  
1795. *Faunula indica id est catalogus animalium Indiae orientalis quae hactenus naturae curiosis innotuerunt; concinnatus a Joanne Latham, chirurgo Dartfordiae Cantii, et Hugone Davies, pastore in Aber, provinciam Caernarvon. Secundis curis editus, correctus et auctus*. Halae ad Salam, Johann Jacob Gebauer. 38 pp. (after 20 June) [general]
- Forster, Richard** [ -1997]  
1996. The mystery of butterfly migration. *Massachusetts Butterflies* 7: 28-31 (February) [*Danaus plexippus* (Linnaeus); Mexico]
- Forster, Walter** [1910-1986]  
1949. Liste der von Pater Cornelius Vogl in Maracay und Caracas gesammelten Schmetterlinge. I. Rhopalocera. *Boletín de Entomología venezolana* 7(3/4): 91-120, 2 pls.

- ("December 1948", 31 August 1949) [general; Venezuela]
- 1955a. Die tiergeographischen Verhältnisse Boliviens. *Südamerika* (Buenos Aires) 5(5): 443-447, 4 figs. (April-May) [general]
- 1955b. Als Biologe in der bolivianischen Kordillere. *Der Bergsteiger* 23(1): 29-31 (October) [general]
- 1955c. Beiträge zur Kenntnis der Insektenfauna Boliviens. Teil I. Einleitung. Lepidoptera I. *Veröffentlichungen der zoologischen Staatssammlung München* 3: 81-160, pls. 25-33 (1 December) [general; ecology; new taxa: *Antrophaneura sesostris zischkai*, *Dismorphia boliviana*, *D. pseudolewyi*, *D. staudingeri*, *Catasticta sisamnus yungaica*]
1956. Die Yungas. *Kosmos* (Stuttgart) 52: 514-524, 14 figs. [general; Bolivia]
1958. Die tiergeographischen Verhältnisse Boliviens. *Proceedings of the 10th international Congress of Entomology* (Montreal) 1: 843-846 (December) [general]
1962. Presidential address to the Seventh Pacific Slope Meeting of the Lepidopterists' Society. *Journal of the Lepidopterists' Society* 15(2): 116-120 (1 February) [general; Bolivia]
1964. Beiträge zur Kenntnis der Insektenfauna Boliviens XIX. Lepidoptera III. Satyridae. *Veröffentlichungen der zoologischen Staatssammlung München* 8: 51-188, pls. 27-35, 264 figs. (15 August) [general; new taxa: *Pierella lena browni*, *Taygetis echo koepcke*, *T. chiquitana*, *Coeruleotaygetis*, *Satyrotaygetis*, *Capronnieria*, *Posttaygetis*, *Pseudodebis* (new genus) *arpi*, *P. dubiosa*, *Taygetina*, *Harjesia*, *Parataygetis*, *Archeuptychia*, *Euptychia hanemannii*, *Pareuptychia* (new genus) *hesionides*, *P. difficilis*, *Pseudeuptychia*, *Rareuptychia*, *Hermeuptychia*, *Pharneuptychia*, *Moneuptychia*, *Caeruleuptychia*, *Cepheuptychia*, *Euptychoides* (new genus) *pseudosaturnus*, *Ypthimoides*, *Parypthimoides* (new genus) *difficilis*, *Weymerana*, *Haywardina* (new genus) *pseudinornata*, *H. difficilis*, *Zischkaia*, *Godartiana*, *Erichthodes*, *Chloreuptychia*, *Megeuptychia*, *Argyreuptychia*, *Vareuptychia*, *Magneuptychia*, *Splendeuptychia* (new genus) *boliviensis*, *S. zischkai*, *Oressinoma typhla boliviana*, *Praefaunula*, *Posteupptychia*, *Manerebia staudingeri*, *Punapedaliodes*, *Steromapedaliodes*, *Altopedaliodes*, *Pherepedaliodes*, *Antopedaliodes*, *Physcopedaliodes* (new genus) *physcoa micromaculata*, *Praepedaliodes*, *Muscopedaliodes*, *Parapedaliodes*, *Corderopedaliodes*, *Panyapedaliodes*, *Praepronophila*; Neotropics]
1965. The zoological results of Gy. Topal's collectings in South America. 18. Rhopalocera (Lepidoptera). *Annales historico-naturales Musei nationalis hungarici* 57: 425-426 (31 December) [general; Argentina]
- Forsyth, Adrian B.**  
1987. Lomas Barbudal: ecological oasis and island. *Wings* 12(2): 4-8, 3 figs. [general; conservation; Costa Rica]
- Forsyth, Adrian B., and Kenneth Ichiro Miyata**  
1984. *Tropical nature*. New York, Charles Scribner's Sons. xx + 248 pp., figs. [general]
- Fortino, Aldo**  
2016. See Núñez, E. O. et al., 2016.
- Fortunato, Luciane, and Alexandre Ruszczyk**  
1997. Comunidades de lepidópteros frugívoros em áreas verdes urbanas e extraurbanas de Uberlândia, MG. *Revista brasileira de Biologia* 57(1): 79-87, 4 figs., 1 tab. (7 March) [general; Brazil]
- Fosdick, Michael K.**  
1973. A population study of the Neotropical nymphalid butterfly, *Anartia amalthea* [sic], in Ecuador. *Journal of Research on the Lepidoptera* 11(2): 65-80, 9 figs., 2 tabs. ([before 1 June]) [distribution; behavior; ecology]
- Foster, David E.**  
1977. See Ward, C. R. et al., 1977.
- Fouad, Hany Ahmed**  
2012. See Ribeiro, R. C. et al., 2012.  
2019. See Ribeiro, R. C. et al., 2019.
- Fontaine, Margaret Elizabeth** [1862- 1940]  
1911a. Remarkable aberration of *Terias elathea*. *Entomologist* 44(575): 153-154 (April) [Jamaica]  
1911b. Note on the roosting habits of *Heliconius charitonia*. *Entomologist* 44(583): 403-404 (December) [Jamaica]  
1913. Five month's butterfly collecting in Costa Rica in the summer of 1911. *Entomologist* 46(601): 189-195 (June), (602): 214-219 (July) [general]  
1980. *Love among the butterflies. The travels and adventures of a Victorian lady*. Boston, Little, Brown and Company. 224 pp., pls., figs. [Spanish translation, 1999] [general]  
1986. *Butterflies and late loves. The further travels and adventures of a Victorian lady*. London, Collins. 141 pp., frontisp. [general; Neotropics]
- Fourie, A.**  
2011. See Simelane, D. O. et al., 2011.
- Fowler, Harold Gordon**  
1989. See Gobbi, N. et al., 1989.  
1990. See Gobbi, N. et al., 1990.
- Fox, Barry**  
2003. See Waring, P. et al., 2003.
- Fox, Denis Llewellyn** [1901-1983]  
1976. *Animal biocromes and structural colours. Physical, chemical, distributional & physiological features of coloured bodies in the animal world*. Berkeley, University of California Press. xvi + 433 pp., 4 pls., 44 figs., 13 tabs. [Ed. 2] [general]
- Fox, Harold Munro** [1899-1967], and **Henry Gwynne Vevers**  
1960. *The nature of animal colours*. New York, The Macmillan Company. [x] + 246 pp., frontisp., 8 pls. [general]
- Fox, Jean Walker**  
1947. See Fox, R. M. & J. W. Fox, 1947.  
1962. Expedition to a desert peninsula. *Carnegie Magazine* 1962(2): 57-63, 2 figs. 1 map (February) [general; Mexico]  
1964. See Fox, R. M. & J. W. Fox, 1964.
- Fox, Jim**  
2003. See Waring, P. et al., 2003.
- Fox, Richard Middleton** [1911-1968]  
1939a. Notes on *Melinaea lilis* D. & H. With the description of a new subspecies (Lepidoptera: Ithomiinae). *Entomological News* 50(3): 72-76 (10 March) [general; *M. l. ezra*; Mexico, Central and South America]  
1939b. A note on the Fabrician species *lycaste* (Lepidoptera: Ithomiinae). *Entomological News* 50(5): 141-144 (10 May) [general]  
1940. A generic review of the Ithomiinae (Lepidoptera, Nymphalidae). *Transactions of the American Entomological Society* 66(3): 161-207, pls. 5-8 (18 September) [general; new taxa: *Patricia*, *Mcclungia* (new genus) *salonina praeceptrix*]  
1941a. New Ithomiinae (Lepidoptera: Nymphalidae). *Reading Public Museum Scientific Publications* 2: 1-34, 2 pls. (23 October) [general; *Elzunia humboldtii coxei*, *Athesis clearista bassleri*, *Mechanitis mazaesus williamsi*, *Ithomia epona katherineae*, *I. e. deliciae*, *I. drymo dalmeidai*, *Hyaliris norella aquilonia*, *Hypothyris ninonia forbesi*, *H. n. fugitiva*, *H. mamercus klotsi*, *H. honesta inca*, *Ceratinia iolaia rehni*, *Hyposcada schausi*, *H. richardsi*, *H. mendax*, *H. cynthia*, *H. margarita*, *Oleria idalie*, *Callithomia hezia bacata*, *Corbulis xantho inturna*, *Dircenna olyras calverti*]

- Godyris zavaleta huallaga*, *Greta andromica trifenestra*; South America, Trinidad]
- 1941b. See D'Almeida, R. F. & R. M. Fox, 1941.
- 1942a. On the identity of *Melinaea lucifer* Bates, with descriptions of two new *Melinaea* subspecies (Lepidoptera: Ithomiinae). *American Museum Novitates* 1194: 1-3, 2 figs. (7 October) [general; *M. l. lutzi*, *M. marsaeus rileyi*; Peru, Brazil]
- 1942b. Catalogue of the types in the L. W. Mengel butterfly collection. *Reading public Museum scientific Publications* 4: 1-23, pl. 1, figs. 1-4 (15 October) [general; Neotropics]
- 1942c. Three new Ithomiinae in the Mengel collection. *Reading public Museum scientific Publications* 4: 25-27, pl. 1, figs. 5-8 (15 October) [general; *Pteronymia levi*, *Ithomia theuda mengeli*, *Mechanitis macrinus blissi*; Colombia, Bolivia, Panama]
1943. New and rare Ithomiinae in the Carnegie Museum. *Annals of the Carnegie Museum* 29(14): 397-408, 1 pl. (5 March) [general; *Hypothyris meterus deemae*, *Hyaliris deuscula*, *H. munda*, *Napeogenes astarte*, *Oleria crispinella hermina*; Brazil, Ecuador, Peru, Venezuela, Bolivia]
1945. New genera and species of Ithomiinae (Lepidoptera, Nymphalidae). *American Museum Novitates* 1295: 1-14, 28 figs. (10 September) [general; *Melinaea idae vespertina*, *Ithomia diasia browni*, *Hypothyris meterus zephyrus*, *Ceratinia bisulca*, *Callithomia zingiber*, *C. lauta*, *Velamysta phengites*, *Pteronymia browni*, *P. gertschi*, *Episcada comstocki*, *Hypoleria santiagona*, *Veladyris*, *Dygoris* (new genus) *dircenna pastazana*, *Hypomenitis*; Ecuador]
- 1948a. *Roswellia*, a new genus of Ithomiinae (Lepidoptera). *Entomological News* 59(5): 131-132 (29 July) [general]
- 1948b. Two new Ithomiinae in the Schaus collection (Lepidoptera: Nymphalidae). *Journal of the Washington Academy of Sciences* 38: 315-316, 2 figs. (15 September) [*Pteronymia schausi*, *Hypoleria meridana*; Colombia, Venezuela]
1949. The evolution and systematics of the Ithomiidae (Lepidoptera). *University of Pittsburgh Bulletin* 45(8): 36-47 (5 June) [abstract; general; classification; zoogeography; morphology]
- 1953a. The taxonomic value of male genitalia in the Ithomiidae (Lepidoptera). *Entomological News* 64(6): 141-143 (19 June) [general]
- 1953b. Speciation in the Ithomiidae (Lepidoptera). *Journal of the Colorado-Wyoming Academy of Sciences* 4(5): 61 (December) [abstract; general; ecology; mimicry]
1954. Ecuadorian Lycoreinae (Lepidoptera: Danaidae). *Revista ecuatoriana de Entomología y Parasitología* 2(1/2): 257-262, 6 figs. (January-April) [general; distribution]
1955. On subspecies. *Systematic Zoology* 4(2): 93-95 (June) [Ithomiinae]
1956. A monograph of the Ithomiidae (Lepidoptera). Part I. *Bulletin of the American Museum of Natural History* 111(1): 1-76, 9 pls., 75 figs., 1 tab. (9 July) [general; morphology; phylogeny; new taxa: *Eutresis hypereia banosana*, *Patricia dercyllidas hazelea*, *Olyras crathis weeksi*, *Tithorea harmonia deltana*, *T. h. manabiana*, *T. h. martina*, *Elzunia humboldtii judsoni*, *E. atahualpa*; Neotropics]
- 1960a. A monograph of the Ithomiidae (Lepidoptera). Part II. The tribe Melinaeini Clark. *Transactions of the American Entomological Society* 86(2): 109-171, pls. 2-5, 28 figs. (19 August) [general; new subspecies: *Melinaea comma simulator*; Neotropics]
- 1960b. A postscript on the Ithomine [sic] tribe Tithoreini. *Journal of the New York Entomological Society* 68(3): 152-156, 1 fig. (20 September) [general; new subspecies: *Patricia demylus gemellus*; South America]
1961. A check list of the Ithomiidae. I. Tribes Tithoreini and Melinaeini. *Journal of the Lepidopterists' Society* 15(1): 25-33 (9 November) [general]
- 1963a. Reports on the Margaret M. Cary and Carnegie Museum Expedition to Baja California, Mexico, 1961. I. Introduction, itinerary and localities. *Annals of the Carnegie Museum* 36: 181-192, 1 fig. (11 October)
- 1963b. Affinities and distribution of Antillean Ithomiidae. *Journal of Research on the Lepidoptera* 2(3): 173-184, 12 figs. ("November", [30 December]) [general; new subspecies: *Hymenitis diaphana quisqueya*; phylogeny; zoogeography; Neotropics]
1965. Additional notes on *Melinaea* Hübner (Lepidoptera: Ithomiidae). *Proceedings of the Royal Entomological Society of London (B)* 34(7/8): 77-82 (16 August) [general; new subspecies: *M. comma romualdo*]
- [1967]a. Forelegs of butterflies. I. Introduction: Chemoreception. *Journal of Research on the Lepidoptera* 5(1): 1-12, 12 figs., 1 tab. ("March 1966", [before 5 April 1967]) [general]
- 1967b. A monograph of the Ithomiidae (Lepidoptera). Part III. The tribe Mechanitini Fox. *Memoirs of the American Entomological Society* 22: [4] + [i] + 1-190, 176 figs., frontisp., (31 May) [general; classification; life histories; mimicry; new taxa: *Forbestra* (new genus) *aeneola*, *Mechanitis isthmia bolivarensis*, *M. i. kayei*, *M. lanei*, *M. messenoides ballucatus*, *M. menapis caribensis*, *M. m. occasiva*, *Scada huascara*, *S. echo*, *S. zibia zeroca*; Neotropics]
1968. Ithomiidae (Lepidoptera: Nymphaloidea) of Central America. *Transactions of the American Entomological Society* 94(3): 155-208, 1 pl., 4 figs. (30 October) [general; ecology; behavior; zoogeography; new subspecies: *Napeogenes cranto reali*, *Hyposcada virginiana nigricosta*, *Callithomia hezia wellingi*, *C. h. smalli*, *Godyris zavaleta sorites*, *Pteronymia simplex schausi*]
- Fox, Richard Middleton, and Alden C. Forbes**
1971. The butterflies of the genera *Siproeta* and *Metamorpha* (Lepidoptera: Nymphalidae). *Annals of the Carnegie Museum* 43(8): 223-247, 6 pls. (24 December) [general; morphology; new subspecies: *Siproeta superba euoe*, *Metamorpha elissa pulsitia*; Neotropics]
- Fox, Richard Middleton, and Jeane Walker Fox**
1947. Ithomiinae (Lepidoptera) of Rancho Grande, Venezuela, including two new species. *Zoologica* (New York) 32(4): 173-178, 1 pl. (29 December) [general; *Pteronymia beebey*, *P. nubivaga*]
1964. *Introduction to comparative entomology*. New York, Reinhold Publishing Corporation. xiv + 450 pp., frontisp., figs., tabs. [general]
- Fox, Richard Middleton, and Herman George Real**
1971. A monograph of the Ithomiidae (Lepidoptera). Part IV. The tribe Napeogenini Fox. *Memoirs of the American Entomological Institute* 15: [5] + 368 pp., 352 figs. ([before 17 September]) [general; new taxa: *Aremfoxia* Real (new genus), *Napeogenes duessa mastersi* Fox & Real, *N. anitae* Fox & Real, *N. achaea nicolayi* Fox & Real, *N. forsteri* Fox & Real, *N. apulia palmasensis* Fox & Real, *N. a. woytkowskii* Fox & Real, *N. flossina baumannii* Fox & Real, *N. ithra rindgei* Fox & Real, *N. inachia johnsoni* Fox & Real, *N. corena caucayaensis* Fox & Real, *N. yanetta haenschi* Fox & Real, *N. juanjuensis* Fox & Real, *Hypothyris ninonia caquetacola* Fox, *H. n. aetha* Fox & Real, *H. pellucida colosseros* Fox, *H. diphes* Fox, *H. fulminans tessmani* Real, *H. f. satterwhitei* Fox & Real, *H. gemella* Fox, *H. euclea caldasensis* Fox, *H. e. micheneri*

- Fox, *H. amica putumayoensis* Fox & Real, *H. a. pallisteri* Fox & Real, *H. a. meterooides* Fox, *H. a. dalmeidai* Fox & Real, *H. philetaera neustetteri* Real, *H. p. surinamensis* Real, *H. anastasia zeros* Fox, *H. honesta aureata* Fox, *H. lycaste limosa* Fox, *H. thea vestita* Fox, *Hyalerys norella vonhageni* Real, *H. n. atrata* Fox, *H. n. schlingerii* Real, *H. coeno fassli* Fox & Real, *H. robiginota* Fox & Real, *H. personata* Fox, *H. avinoffi* Fox, *H. juninensis* Fox & Real, *H. cribra* Fox, *H. metaensis* Real, *H. cana jeanae* Fox & Real, *H. flebilis* Fox, *H. imaguncula* Fox; Neotropics]
- Fox, William Joseph** [1872-1947], and **Charles Willison Johnson**  
1892. List of Lepidoptera from Jamaica, W. I. *Entomological News* 4(1): 3 (30 December) [general]
- Fraga, Alexandre Isaac Akerman**  
1988. See Bueno, V. H. P. & A. I. A. Fraga, 1988.
- Fraga, Rosendo**  
1988. See Rozenberg, L. et al., 1988.
- Frago, Enric, Eduardo Portuondo, José L. Fernández, Orlando Sariego and Jesús Garcés**  
2010. Entomofauna del Parque Nacional "Desembarco del Granma", Cuba suroriental. *Boletín de la Sociedad entomológica aragonesa* 46: 355-362, 1 fig., 2 tabs. (30 June) [general]
- Fragoso, Fabiana Palmeira, and Elenice Mouro Varanda**  
2011. Flower-visiting insects of five tree species in a restored area of semideciduous seasonal forest. *Neotropical Entomology* 40(4): 431-435, 2 figs. (August) [general; Brazil]
- Fragoso, Lúcia Maria de Campos**  
1993. See Martins-Neto, R. G. et al., 1993.
- Frajia, Natalia, and Gonzalo Ernesto Fajardo**  
2006. Caracterización de la fauna del orden Lepidoptera (Rhopalocera) en cinco diferentes localidades de los llanos orientales colombianos. *Acta biológica colombiana* 11(1): 55-68, 6 figs., 2 tabs. (June) [general]
- Frana, Jorge E.**  
1990. See Imwinkelried, J. M. et al., 1990.  
2000. See Sharkey, M. J. et al., 2000.
- França, Bruno Rodrigo**  
2001. See Duarte, J. A., Jr. et al., 2001.
- Franceschinelli, Edivani Villaron**  
2005. The pollination biology of two species of *Helicteres* (Malvaceae) with different mechanisms of pollen deposition. *Flora* (Jena) 200(1): 65-73, 4 figs., 2 tabs. (1 April) [general; Brazil]
- Francini, Ronaldo Bastos** [1950- ]  
1985. Ecologia de populações de *Actinote* do litoral de São Paulo (Lepidoptera, Nymphalidae). *Resumos XII Congresso brasileiro de Zoologia* (Campinas), pp. 104-105. [general; Brazil]  
1990a. See Brown, K. S., Jr. & R. B. Francini, 1990.  
1990b. See Brown, K. S., Jr., J. R. Trigo, P. C. Motta et al., 1990.  
1990c. See Brown, K. S., Jr., J. R. Trigo, R. B. Francini et al., 1990.  
1991. See Brown, K. S., Jr. et al., 1991.  
1996. See Penz, C. M. & R. B. Francini, 1996.  
2003. See Freitas, A. V. L. et al., 2003.  
2004. See Uehara-Prado, M. et al., 2004.  
2008. See Silva-Brandão, K. L. et al., 2008a.  
2009. See Freitas, A. V. L. et al., 2009.  
2010a. See Freitas, A. V. L. et al., 2010b.  
2010b. *História natural das borboletas do Vale do Rio Quilombo, Santos, SP*. Santos, Author. 550 pp., figs., tabs. [general; ecology; Brazil]  
2010c. *Métodos para estudar ecologia de populações de borboletas*. Santos, Author. ix + 201 pp., figs., tabs. [general; Neotropics]
- 2014a. See Souza, T. S. & R. B. Francini, 2014.  
2014b. See Ramos, R. R. & R. B. Francini, 2014.  
2015a. See Souza, T. S. et al., 2015a.  
2015b. See Souza, T. S. et al., 2015b.  
2018a. See Freitas, A. V. L. et al., 2018a.  
2018b. Role of age and weather on residence time of males of *Anartia amathea roeselia* butterfly in a subtropical area in Southeastern Brazil. *International Journal of Fauna and biological Studies* 5(3)(C): 217-227, 8 figs., 3 tabs. (June)
- Francini, Ronaldo Bastos, Eduardo de Proença Barbosa and André Victor Lucci Freitas**  
2011b. Immature stages of *Actinote zikani* (Nymphalidae: Heliconiinae), a critically endangered butterfly from southeastern Brazil. *Tropical Lepidoptera Research* 21(1): 20-26, 5 figs. (1 June) [egg, larva, pupa, imago; host plant; behavior]
- Francini, Ronaldo Bastos, Marcelo Duarte, Olaf Hermann Hendrik Mielke, Astrid Caldas and André Victor Lucci Freitas**  
2011a. Butterflies (Lepidoptera: Papilionoidea and Hesperioidea) of the "Baixada santista" region, coastal São Paulo, southeastern Brazil. *Revista brasileira de Entomologia* 55(1): 55-68, 2 figs., 2 tabs. (31 March) [general]
- Francini, Ronaldo Bastos, and André Victor Lucci Freitas**  
2010. Aggregated oviposition in *Actinote pellenea pellenea* Hübner (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 42: 74-78, 1 fig. (31 January) [host plant; Brazil]
- Francini, Ronaldo Bastos, André Victor Lucci Freitas and Keith Spalding Brown, Jr.**  
2005. Rediscovery of *Actinote zikani* (d'Almeida) (Nymphalidae, Heliconiinae, Acraeini): Natural history, population biology and conservation of an endangered butterfly in SE Brazil. *Journal of the Lepidopterists' Society* 59(3): 134-142, 6 figs., 2 tabs. (28 October)
- Francini, Ronaldo Bastos, André Victor Lucci Freitas and Carla Maria Penz**  
2004. Two new species of *Actinote* (Lepidoptera, Nymphalidae) from southeastern Brazil. *Zootaxa* 719: 1-10, 2 figs. (11 November) [*A. eberti*, *A. pratensis*; morphology; host plant]
- Francini, Ronaldo Bastos, and Carla Maria Penz**  
2006. An illustrated key to male *Actinote* from southeastern Brazil (Lepidoptera, Nymphalidae). *Biota neotropica* 6(1): 46 pp., 22 pls., 18 figs. (January-April) [general]
- Francini, Ronaldo Bastos, and Renato Rogner Ramos**  
2014. Butterflies of Alcatrazes Island, São Paulo State, Brazil (Lepidoptera: Papilionoidea and Hesperioidea). *Check List* 10(1): 28-32, 4 figs., 1 tab. (February) [general]
- Francini, Ronaldo Bastos, Thadeu Sobral Souza, Renato Rogner Ramos and Maria Sylvania Cerávol**  
2015. Quantifying wing pattern sexual dimorphism in the butterfly *Anartia amathea roeselia* Eschscholtz (Lepidoptera: Nymphalidae). *International Journal of Fauna and biological Studies* 2(2): 43-52, 9 figs., 1 tab. (January) [Brazil]
- Francke, Wittko Ernst Georg** [1940- ]  
1988. See Schulz, S. et al., 1988.
- Franclémont, John G.** [1912-2004]  
1951. See Field, W. D. et al., 1951.  
1970. See Eisner, T. et al., 1970.  
2009. See Janzen, D. H. et al., 2009.
- Franco, Arturo, Jorge Enrique Llorente and Arthur Maurice Shapiro**

1989. Abundancia relativa de *Artogeia rapae* (L.), *Pontia protodice* (Boisd. & Lec.) y *Leptophobia aripa elodia* (Boisd.) (Lepidoptera: Pieridae) evaluada mediante el método de Moore modificado por Pollard, en Xochimilco, D.F., México. *Folia entomologica mexicana* 76: 107-128, 3 figs., 6 tabs., 5 graphs (3 May)
- Franco, Emmanoel** [1919- ]
1949. A lagarta da folha do coqueiro. *A Bahia rural* (Salvador) 17(8): 34-35, 1 fig. (August) [*Brassolis sophorae* (Linnaeus)]; life history; Brazil]
- Franco, José Francisco**
1985. See Jara, N. M. & J. F. Franco, 1985.
1989. See Velarde, E. et al., 1989.
2009. Huaytampu. *Guía Cusco / Cusco Guide* 1: 13-17, figs. (April) [*Metardaris cosinga* (Hewitson)]; life history; host plant; ethnoentomology; Peru]
2013. "Huaytampu", *Metardaris cosinga*, Hewitson, 1874 (Lepidoptera: Hesperidae). *Bioma* (San Salvador) 1(8): 64, 1 fig. (June) [host plant; parasitoid; Peru]
- Franco, José Francisco, Oscar Olazábal and Gorky Valencia**
2005. *Lista de invertebrados del Valle del Cusco*, pp. 379-384, figs. In: Galiano, W. & A. Tupayachi (Eds.), *Historia Natural del Valle del Cusco*. Cuzco, Sociedad Protectora de la Naturaleza Cusco. [general; Peru]
- Franco, José Luis**
1961. Representaciones de la mariposa en Mesoamérica. *El México antiguo* 9: 195-244, 21 pls., 2 figs. [*Papilio*; archaeology; Mexico]
- Franco, José Nel**
1998. See Calvache, H. H. et al., 1998.
- Franco, Miguel**
2004. See Keiman, A. F. & M. Franco, 2004.
- Franco, Omar**
2011. See Castañeda, A. et al., 2011.
- Franco, Padu**
2004. See Kattan, G. H. et al., 2004.
- Françoso, Jonas**
2012. See Assis, F. A. de et al., 2012.
- Frandsen, Paul B.**
- 2019a. See Edelman, N. B. et al., 2019.
- 2019b. See Kawahara, A. Y. et al., 2019.
- Frandsen, Peter**
2019. See Stanton, D. W. G. et al., 2019.
- Frank, J. Howard**
2007. Cano, E. B. (ed.). 2006. Biodiversidad de Guatemala. Vol. 1. *Florida Entomologist* 90(2): 415-416 (June) [general; book review]
- Frank, J. Howard, and Fred Douglas Bennett**
1970. List of the sugar cane arthropods of Jamaica. *Technical Bulletin. Sugar Research Department* (Mandeville) 1/70: 1-24. [*Nyctelius nyctelius* (Latreille), *Panoquina nero* (Fabricius); parasitoids]
- Frank, J. Howard, and Leon Philip Lounibos**
2009. Insects and allies associated with bromeliads: a review. *Terrestrial Arthropod Reviews* 1(2): 125-153, 2 figs. [*Strymon megarus* (Godart); host plant]
- Frank, Kenneth D.**
1971. See Cook, L. M. et al., 1971.
1988. The Monarch butterfly: International traveler, by Fred A. Urquhart. 1987. *Journal of the Lepidopterists' Society* 42(4): 295-296 (6 December) [*Danaus plexippus* (Linnaeus); book review]
- Franke, Irma Lucrecia** [1948- ]
1980. See Valencia, N. & I. L. Franke, 1980.
- Franke, Rolf**
1982. Zur Geschichte der entomologischen Sammlungen des Staatlichen Museums für Naturkunde Görlitz. *Abhandlungen und Berichte der Naturkundemuseums Görlitz* 56(3): 1-21 (15 November) [general]
- Frankenbach, Thomas** [1960-2012]
2008. See Schäffler, O. & T. Frankenbach, 2008.
- 2009a. See Schäffler, O. & T. Frankenbach, 2009a.
- 2009b. See Schäffler, O. & T. Frankenbach, 2009b.
- 2010a. See Schäffler, O. & T. Frankenbach, 2010a.
- 2010b. See Schäffler, O. & T. Frankenbach, 2010b.
- 2011a. See Schäffler, O. & T. Frankenbach, 2011a.
- 2011b. See Schäffler, O. et al., 2011.
- 2011c. See Schäffler, O. & T. Frankenbach, 2011b.
- Frankie, Gordon W.**
1975. See Opler, P. A. et al., 1975.
1982. See Haber, W. A. & G. W. Frankie, 1982.
1983. See Baker, H. G. et al., 1983.
1988. See Koptur, S. et al., 1988.
- Frankie, Gordon W., William A. Haber, S. Bradleigh Vinson, Kamajlit Singh Bawa, Peter S. Ronchi and Nelson Zamora**
2004. *Flowering phenology and pollination systems diversity in the seasonal dry forest*, pp. 17-29, 1 fig., 3 tabs. In: Frankie, G. W., A. Mata & S. B. Vinson (Eds.), *Biodiversity conservation in Costa Rica. Learning the lessons in a seasonal dry forest*. Berkeley, University of California Press (February) [general]
- Franklin, Elizabeth**
- 2017a. See Graça, M. B. C. S. da et al., 2017a.
- 2017b. See Graça, M. B. C. S. da et al., 2017b.
- 2017c. See Graça, M. B. C. S. da et al., 2017c.
- Franks, Daniel W., and Jason Noble**
- 2003a. *The origins of mimicry rings*, pp. 186-191, 5 figs. In: Standish, R. K., M. A. Bedau & H. A. Abbass (Eds.), *Artificial life VIII. Proceedings of the eighth international conference on artificial life*. Cambridge, MIT Press (January) [*Heliconius*]
- 2003b. Batesian mimics influence mimicry ring evolution. *Proceedings of the royal Society of London (B)* 271(1535): 191-196, 6 figs. (22 January 2004; published online 3 December 2003) [*Heliconius*]
- Franqui, Rosa A.**
1994. See Medina, S. et al., 1994.
- Franz, Elli** [1896-1983]
1940. Ein Zwitter des südamerikanischen Weisslings *Catasticta teutamis*. *Natur und Volk* 70(1): 4-8, 4 figs. [including title-page] (1 January) [Peru]
1952. Typen und Typoide der Natur-Museums Senckenberg, 5: Insecta, Lepidoptera, Papilionidae. *Senckenbergiana* 33(1/3): 23-36 (15 June) [*Euryades duponcheli* (Lucas); Argentina]
1955. Die Typen und Typoide des Natur-Museums Senckenberg, 16. Insecta, Lepidoptera, Pieridae. *Senckenbergiana biologica* 36(5/6): 339-367, pls. 32-34 (1 December) [*Catasticta teutamis* Hewitson; Peru]
- Franz, Elli, and Heinz G. Schroeder**
1954. Tagfalter (Lepidoptera: Rhopalocera) aus El Salvador. *Senckenbergiana biologica* 35(1/2): 75-87, 2 figs. (1 May) [general; new taxa: *Actinote lapitha zilchi*, *Callicore salvadorensis*]
- Fratello, Steven A.**
- 1996a. Tambopata - variety & numbers. *Tropical Lepidoptera News* 1996(1): 5 (March) [general; Peru]
- 1996b. Wokomung - a remote Guyana tepui. *Tropical Lepidoptera News* 1996(2): 1, 4-5 (June) [general]
- 1996c. Additions and corrections. *Tropical Lepidoptera News* 1996(3): 9 (September) [general; Guyana, Peru]

1999. The shedding of light. *Lepidoptera News* 1999(1): 4 ("1" [11] March) [general; Guyana]
2000. Guyana montane expedition. *Lepidoptera News* 1999(4): 4-8, 1 map ("30 January", [7 February]) [general]
- 2001a. Guyana montane expeditions, II. *Lepidoptera News* 2001(2): 8-9, 1 map (15 November) [general]
- 2001b. Falls from paradise. *Natural History* (New York) 110(10): 26-28, figs. (December) [general; Guyana]
2003. Guyana expeditions (January-April 2001). *News of the Lepidopterists' Society* 45(4): 109-111, 116-121, 9 figs., 1 map (1 December) [general]
- 2004a. The female of *Mesosemia phace*, *M. methion* and other *Mesosemia* mysteries. *News of the Lepidopterists' Society* 46(3): 89, 98-100, 7 figs. (15 September) [Guyana, Venezuela]
- 2004b. New species from Mt. Roraima. *News of the Lepidopterists' Society* 46(4): 122-126, 10 figs. (15 November) [*Oxeoschistus*, *Euptychia*, *Brevianta*; Guyana]
- 2005a. An expedition to Guyana's Acarai Mts. Including two new and one undescribed butterfly species. *News of the Lepidopterists' Society* 47(1): 29-31, 34-37, 12 figs. (1 April) [general]
- 2005b. See Pycz, T. W. & S. Fratello, 2005.
- 2006a. The Yasuni Research Station in Yasuni National Park, Ecuador. *News of the Lepidopterists' Society* 48(2): 35-39, 44-46, 60-61, 64, 27 figs. (29 July) [general; behavior]
- 2006b. Corrections. *News of the Lepidopterists' Society* 48(3): 91 (26 September) [*Asterope markii hewitsoni* (Staudinger), *Euptychia*; Ecuador, Brazil, Venezuela, Guyana]
2007. *Eurytides* and other Costa Rican Osa Peninsula surprises (Lepidoptera: Papilionoidea). *Tropical Lepidoptera* 17(2): 1-5, 8 figs. (20 December) [general]
2009. Bringing Lepidoptera programs to our schools. *News of the Lepidopterists' Society* 51(3): 106-108, 2 figs. (13 November) [general; Peru, Guyana]
2011. Tiputini Biological Station, Ecuador. Canopy observations, incredible riverside congregations, and two rare spectacular male riodinids. *News of the Lepidopterists' Society* 53(3): 91-96, figs. (9 December) [general]
2012. *Memphis montesino* Pycz collected in Guyana, S. America & notes concerning a few riodinids from the same habitat. *News of the Lepidopterists' Society* 54(2): 46-47, 68, 3 figs. (4 June) [general]
- 2014a. See Neild, A. F. E. et al., 2014.
- 2014b. See Nakahara, S. et al., 2014.
2015. See Neild, A. F. E. et al., 2015.
2016. See Costa, M. et al., 2016.
2017. See Costa, M. et al., 2017.
- 2019a. A new species of *Mesosemia* Hübner, [1819] (Riodinidae) from Guyana's Pakaraima Mountains. *Journal of the Lepidopterists' Society* 73(1): 18-22, 12 figs. (14 March) [*M. pakaraima*]
- 2019b. See Costa, M. et al., 2019b.
- 2019c. See Costa, M. et al., 2019c.
- Fratello, Steven A., Shinichi Nakahara, Christian Brévignon and Donald James Harvey**
2015. Two new species of *Euptychia* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae) from the Guiana shield, with notes on *E. marceli* Brévignon, 2005 and *E. rufocincta* Weymer, 1911. *Journal of the Lepidopterists' Society* 69(4): 293-306, 8 figs. (24 November) [*E. audacia*, *E. aquila*; French Guiana, Surinam, Guyana]
- Frébourg, Yves**
1998. Mon premier *Morpho*. *Bulletin des Lépidoptéristes parisiens* 7(10/11): 20-21, 2 figs. (December) [French Guiana]
2003. Mon premier voyage en Guyane. Une découverte, une aventure, un bonheur... (Extrait d'un journal de voyage). In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 24, 1 fig. (January) [Ed. 2, October 2007] [general; French Guiana]
2005. Quelques jours de piégeage en Guyane (Plateau des Mines, St-Laurent-du-Maroni). *Bulletin des Lépidoptéristes parisiens* 14(30): 26-30, 2 pls. (May) [general]
2012. *Piégeages en Guyane: nouvelles données (Lepidoptera: Nymphalidae)*, pp. 53-59, figs., tabs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 7. Nymphalidae*. Paris, Association des Lépidoptéristes de France (October) [general]
- Frederiksen, Rikard, and Eric J. Warrant**
2008. Visual sensitivity in the crepuscular owl butterfly *Caligo memnon* and the diurnal blue morpho *Morpho peleides*: a clue to explain the evolution of nocturnal apposition eyes? *Journal of experimental Biology* 211(6): 844-851, 5 figs., 2 tabs. (15 March)
- Free, John Brand**
1975. Observations on the pollination of papaya (*Carica papaya* L.) in Jamaica. *Tropical Agriculture* 52(3): 275-279, 2 tabs. (July) [*Perichares philetus* (Gmelin)]
- Freeman, Brian E.**
1987. Collecting butterflies (and other Lepidoptera) in Jamaica. *News of the Lepidopterists' Society* 1987(5/6): 83 (November-December) [general]
2008. See Garraway, E. et al., 2008.
- Freeman, Hugh Avery [1912-2002]**
1941. *Lerodea tyrtaeus* (Ploetz), new to the United States (Lepidoptera, Rhopalocera, Hesperidae). *Field and Laboratory* 9(2): 45 (May) [Venezuela, Mexico, Guatemala, Costa Rica, Panama]
1944. Notes on the *streckeri* group of the genus *Megathymus* (Lepidoptera, Rhopalocera). *Entomological News* 55(4): 103-105 ("April", [3 May]) [general; Mexico]
- 1945a. Notes on some North American Hesperidae, with two new records for the United States (Lepidoptera, Rhopalocera). *Entomological News* 56(1): 4-5 ([16 February]) [general; Mexico]
- 1945b. Notes on some Hesperidae, with new records for the United States (Lepidoptera, Rhopalocera). *Entomological News* 56(4): 102-104 ([25 May]) [general; Neotropics]
- 1945c. A new species of *Lerodea* from Texas (Lepidoptera: Hesperidae). *Entomological News* 56(8): 203-205, 1 fig. ([19] October) [*L. julia*; Mexico]
- 1946a. Notes on some skippers, with new records for the United States (Lepidoptera, Hesperidae). *Canadian Entomologist* 77(11): 201 (18 April) [general; Mexico]
- 1946b. Two new species of skippers from North and Central America (Lepidoptera: Hesperidae). *Entomological News* 57(8): 185-187, 2 figs. ([20 December]) [*Celaenorrhinus stallingsi*, *Calpodes evansi*; Mexico, Costa Rica, Belize]
1947. New skipper records for the United States. *Entomological News* 58(7): 184-186 ([27 October]) [general; Hesperidae; Mexico]
1948. Notes on some North American skippers, with the description of a new species from Kansas (Lepidoptera: Hesperidae). *Entomological News* 59(8): 203-206 ([23 December]) [general; *Atrytonopsis turneri*; Neotropics]
1949. Notes on some tropical American skippers (Lepidoptera, Rhopalocera, Hesperidae). *Field and Laboratory* 17(3): 75-81, 16 maps (June) [general; Neotropics]
- 1950a. A new species of hairstreak and new records for the United States (Lepidoptera, Rhopalocera, Lycaenidae). *Field and Laboratory* 18(1): 12-15 (2 January) [general; *Strymon buchholzi*; Mexico]



- 1950b. Further observations on *Calpododes evansi* Freeman (Lepidoptera, Rhopalocera, HesperIIDae). *Field and Laboratory* 18(1): 15-17, 1 pl. (2 January) [Costa Rica, Belize]
- 1950c. The distribution and flower preferences of the Theclinae of Texas (Lepidoptera, Rhopalocera, Lycaenidae). *Field and Laboratory* 18(2): 65-73 (3 April) [general; Mexico]
- 1950d. The distribution of *Wallengrenia otho* (Abbott & Smith) and its subspecies in the United States (Lepidoptera, Rhopalocera, HesperIIDae). *Field and Laboratory* 18(2): 78 (3 April) [Mexico, Central and South America]
- 1950e. Notes on *Megathymus*, with description of a new species (Lepidoptera, Rhopalocera, Megathymidae). *Field and Laboratory* 18(4): 144-146 (11 December) [general; Mexico]
- 1951a. Notes on the *Agave* feeders of the genus *Megathymus* (Lepidoptera, Rhopalocera, Megathymidae). *Field and Laboratory* 19(1): 26-32 (18 January) [general; behavior; host plants; eggs, larvae, pupae; Mexico]
- 1951b. Notes on the genus *Yvretta* Hemming with a new record for the United States (Lepidoptera, Rhopalocera, HesperIIDae). *Field and Laboratory* 19(1): 45-46 (18 January) [general; Panama, Mexico, Guatemala]
- 1951c. New skipper records for Mexico (Lepidoptera, Rhopalocera, HesperIIDae). *Field and Laboratory* 19(1): 46-48 (18 January) [general]
1952. Two new species of *Megathymus* from Texas and Mexico (Lepidoptera, Rhopalocera, Megathymidae). *American Museum Novitates* 1593: 1-9, 13 figs. (29 October) [general; *M. hoffmanni*]
1955. Four new species of *Megathymus* (Lepidoptera, Rhopalocera, Megathymidae). *American Museum Novitates* 1711: 1-20, 34 figs. (11 March) [general; *M. belli*; Mexico]
1959. A revision of the genera of the Megathymidae, with the description of three new genera. *Lepidopterists' News* 12(3/4): 81-92, 5 figs. (26 January) [general; *Agathymus*, *Turnerina*, *Stallingsia*]
1960. Notes on *Agathymus* in Texas, and the description of a new species from Mexico (Megathymidae). *Journal of the Lepidopterists' Society* 14(1): 58-62, 1 pl. (15 December) [general; *A. fieldi*; host plant; life history]
- 1963a. *Megathymus yuccae* in Texas, with the description of two new subspecies. *Journal of the Lepidopterists' Society* 17(2): 89-99, 1 pl., 1 map (8 November) [general; *M. y. reinthali*, *M. y. louiseae*; host plants; ecology; distribution]
- 1963b. Type localities of the Megathymidae. *Journal of Research on the Lepidoptera* 2(2): 137-142, 1 tab. ("September", [30 December]) [general; Mexico]
1964. The effects of pH on the distribution of the Megathymidae. *Journal of Research on the Lepidoptera* 3(1): 1-4 ("March", [9 May]) [general; Mexico]
1965. Two new subspecies of *Megathymus yuccae* (Bdv. & LeC.) from Texas. *Journal of the Lepidopterists' Society* 19(2): 83-90, 1 pl., 1 map (15 July) [*M. y. kendalli*, *M. y. winkensis*; host plants; ecology; distribution; Mexico]
1966. New HesperIIDae records for Mexico. *Journal of the Lepidopterists' Society* 20(4): 226-228 (30 November) [general]
- [1967]a. New skipper records for Mexico. *Journal of Research on the Lepidoptera* 5(1): 27-28 ("March 1966", [before 5 April 1967]) [general; HesperIIDae]
- 1967b. Three new species of HesperIIDae from Mexico. *Journal of the Lepidopterists' Society* 21(2): 115-119, 1 pl., 4 figs. (26 May) [*Astraptus escalantei*, *A. catemacoensis*, *Euphyes donahuei*]
- 1967c. On the status of *Heliopetes sublinea* (HesperIIDae). *Journal of the Lepidopterists' Society* 21(3): 205-206 (21 August) [Mexico]
- [1967]d. Remarks on the genus *Zera* Evans in Mexico with a new record. *Journal of Research on the Lepidoptera* 5(3): 181-184 ("September 1966", [September 1967]) [general; Neotropics]
- 1967e. *Polythrix octomaculata*, not *procerus*, in Texas (HesperIIDae). *Journal of the Lepidopterists' Society* 21(4): 278 (28 November) [Mexico]
- [1967]f. Speciation in the *Agathymus* (Megathymidae). *Journal of Research on the Lepidoptera* 5(4): 209-214 ("December 1966", [before 14 November 1967]) [general; Mexico]
- [1968]. New records and notes on the status of some HesperIIDae from Mexico. *Journal of Research on the Lepidoptera* 6(1): 59-64 ("March 1967", [September 1968]) [general]
- [1969]a. *Polyctor polyctor* (Prittwitz) in Mexico (HesperIIDae). *Journal of Research on the Lepidoptera* 6(3): 195-196 ("September 1967", [before 20 January 1969]) [distribution]
- 1969b. New species and records of HesperIIDae from Mexico (Lepidoptera). *Journal of the New York entomological Society* 76(4): 267-277, 19 figs. ([14 February]) [general; *Urbanus hubbelus*, *Camptopleura oaxaca*, *Thoon wellingi*, *Decinea rindgei*, *Atrytonopsis zweifel*]
- 1969c. Systematic review of the Megathymidae. *Journal of the Lepidopterists' Society* 23(Suppl. 1): 1-59, 1 pl. [general]
- 1969d. Records, new species, and a new genus of HesperIIDae from Mexico. *Journal of the Lepidopterists' Society* 23(Suppl. 2): 1-62, 15 pls. [general; *Pyrrhopyge tzotzili*, *Mysoria wilsoni*, *Epargyreus windi*, *E. brodkorbi*, *Astraptus louiseae*, *A. gilberti*, *Polythrix mexicanus*, *Aethilla chiapa*, *Mimias chiapaensis*, *Windia* (new genus) *windi*, *Staphylus veytius*, *S. zuritus*, *Quadrus francesius*, *Enosis matheri*, *Dalla ramirezi*, *Vettius argentus*, *Niconiades comitana*, *Anthoptus macalpinei*, *Phearaeus covadonga*, *Cynea nigricola*, *Carystoides escalantei*, *C. abrahami*, *C. floresi*, *C. mexicana*, *Atrytone mazai*, *A. potosiensis*, *Mellana montezuma*, *Euphyes chamuli*, *Tiryntia huasteca*]
- 1970a. Notes on the genus *Cephise* Evans, with a new record for Mexico (HesperIIDae). *Journal of the Lepidopterists' Society* 24(1): 68-69 (26 March) [classification; behavior]
- 1970b. A new genus and eight new species of Mexican HesperIIDae (Lepidoptera). *Journal of the New York entomological Society* 78(2): 88-99, 24 figs. (19 October) [*Urbanus viridis*, *Zobera* (new genus) *albopunctata*, *Piruna maculata*, *P. sina*, *P. ajijiciensis*, *P. milpa*, *Amblyscirtes immaculatus*, *Aides brillia*]
1973. A review of the *Amblyscirtes* with the description of a new species from Mexico (HesperIIDae). *Journal of the Lepidopterists' Society* 27(1): 40-57, 3 figs. (23 February) [general; *A. raphaeli*: ecology]
1976. New HesperIIDae records for Mexico. *Journal of the Lepidopterists' Society* 30(1): 62-67 (22 April) [general]
- 1977a. *Staphylus azteca*, new record for the United States (HesperIIDae). *Journal of the Lepidopterists' Society* 31(1): 62 (30 March) [Mexico, Guatemala, El Salvador, Costa Rica]
- 1977b. Six new species of HesperIIDae from Mexico. *Journal of the Lepidopterists' Society* 31(2): 89-99, 22 figs. (30 June) [*Pyrrhopyge hoffmanni*, *Epargyreus deleoni*, *Typhedanus salas*, *Polythrix guatemalaensis*, *Codatractus yucatanus*, *Bungalotis milleri*]
- 1979a. Nine new species and seven new records of Mexican HesperIIDae. *Bulletin of the Allyn Museum* 52: 1-13, 29 figs. (20 July) [*Ridens allyni*, *Myrinia raymundo*, *Pythonides mundo*, *Zobera marginata*, *Piruna mexicana*, *Turesis tabascoensis*, *Decinea mustea*, *Poanes benito*, *Mellana oaxaca*]
- 1979b. Review of the Mexican *Polythrix* Watson 1893

- (Hesperiidae). *Journal of the Lepidopterists' Society* 33(2): 124-128, 6 figs. (20 July) [general]
- 1982a. Notes on some species of *Astraptes* Hübner, 1891 (Hesperiidae). *Journal of the Lepidopterists' Society* 36(3): 236-237 (14 December) [*A. fulgurator* (Walch), *A. crana* Evans; Mexico, Central and South America]
- 1982b. Systematic study of the Hesperiidae of Mexico. *National Geographic Society Research Reports* 14: 259-260. [general]
- 1989a. On the location of some H. A. Freeman skipper holotypes (Hesperiidae). *Journal of the Lepidopterists' Society* 43(3): 244 (7 November) [general; Mexico]
- 1989b. Four new skipper records for Mexico (Hesperiidae). *News of the Lepidopterists' Society* 1989(6): 79 (November-December) [*Hyalothyrus neleus pemphigargyra* Mabille, *Bolla saletas* (Godman & Salvin), *Mycteris caerulea* Mabille, *Paratrytone niveolimbus* (Mabille)]
1990. A new species of *Piruna* from Mexico (Hesperiidae). *Journal of the Lepidopterists' Society* 44(1): 28-31, 3 figs. (5 June) [*P. kemneri*]
- 1991a. A new species of *Piruna* from Oaxaca, Mexico (Hesperiidae). *Journal of the Lepidopterists' Society* 45(1): 42-45, 3 figs. (14 August) [*P. mullinsi*]
- 1991b. A new species of *Dalla* from Mexico (Lepidoptera: Hesperiidae). *Tropical Lepidoptera* 2(1): 65-67, 3 figs. ([28] August) [*D. steinhauseri*]
1992. A new species of *Amblyscirtes* from Mexico (Hesperiidae). *Journal of the Lepidopterists' Society* 45(4): 291-295, 3 figs. (19 May) [*A. brocki*]
1993. Notes on *Amblyscirtes* Scudder, with description of two new subspecies (Insecta: Lepidoptera: Hesperiidae: Hesperinae). *Annals of Carnegie Museum* 62(4): 341-350, 20 figs. (29 November) [*A. elissa arizonae*, *A. fimbriata pallida*; Mexico]
- Freeman, W. G.**  
1927. *Plant pathology*, pp. 35-36. In: *Administration Report of the Director of Agriculture for the Year 1926*. Trinidad, Government Printing Office. [*Brassolis*, *Tmolus thullia* (Hewitson); host plants; Trinidad]
- Freese, Curtis**  
1987. See Nagano, C. D. & C. Freese, 1987.
- Freiberg, Marcos Abraham** [1911-1990]  
1947. La oruga de la alfalfa, *Colias lesbia* (Fabricius) (Lep. Pier.) en la Argentina. *Publicaciones. Instituto de Sanidad vegetal. Ministerio de Agricultura de la Nación* (Buenos Aires) (A) 3(36): 1-29, 17 figs., 1 map. [systematics; morphology; egg, larva, pupa; parasitoids, predators]
1951. Mariposas perjudiciales a los cultivos. *El Campesino* (Santiago de Chile) 83(7): 23-25, 3 figs. (July) [*Papilio* sp., *Eurymus lesbia* (Fabricius); host plants; Argentina]
- Freire Júnior, Geraldo de Brito, and Ivone Rezende Diniz**  
2015. Temporal dynamics of fruit-feeding butterflies (Lepidoptera: Nymphalidae) in two habitats in a seasonal Brazilian environment. *Florida Entomologist* 98(4): 1207-1216, 7 figs., 3 tabs. (December) [general]
- Freire Júnior, Geraldo de Brito, André Rangel Nascimento, Ivan Konstantinov Malinov and Ivone Rezende Diniz**  
2014. Temporal occurrence of two *Morpho* butterflies (Lepidoptera: Nymphalidae): Influence of weather and food resources. *Environmental Entomology* 43(2): 274-282, 6 figs., 2 tabs. (April) [*M. helenor achillides* (C. & R. Felder), *M. menelaus coeruleus* (Perry); host plants; Brazil]
- Freitas, Ambrosio de Oliveira**  
1947. Combate às pragas das principais lavouras de Pernambuco. *Boletim da Secretaria de Agricultura, Industria e Comercio* (Recife) 14(2): 174-213, 17 figs. (April-June) [general; host plants; Brazil]
- 1960a. See Carvalho, M. B. de & A. de O. Freitas, 1960.
- 1960b. "Cabeça de fósforo". Nova praga do feijoeiro em Pernambuco (Nota previa). *Arquivos do Instituto de Pesquisas agronômicas* (Recife) 5: 345-363, 7 figs. [Hesperiidae; life history; behavior; Brazil]
- Freitas, André Victor Lucci**  
1991. Variação morfológica, ciclo de vida e sistemática de *Tegosa claudina* (Eschscholtz) (Lepidoptera, Nymphalidae, Melitaeinae) no Estado de São Paulo, Brasil. *Revista brasileira de Entomologia* (São Paulo) 35(2): 301-306, 4 figs., 1 tab. (31 August) [host plant]
1992. See Oliveira, P. S. & A. V. L. Freitas, 1992.
1993. Biology and population dynamics of *Placidula euryanassa*, a relict ithomiine butterfly (Nymphalidae: Ithomiinae). *Journal of the Lepidopterists' Society* 47(2): 87-105, 7 figs., 3 tabs. (16 June) [life history; host plant; ecology; behavior; Brazil]
1994. See Brown, K. S., Jr. & A. V. L. Freitas, 1994.
1996. Population biology of *Heterosais edessa* (Nymphalidae) and its associated Atlantic Forest Ithomiinae community. *Journal of the Lepidopterists' Society* 50(4): 273-289, 6 figs., 8 tabs. (30 December) [egg, larva, pupa, imago; host plant; Brazil]
- 1999a. See Ramos, R. R. & A. V. L. Freitas, 1999.
- 1999b. See Brown, K. S., Jr. & A. V. L. Freitas, 1999.
- 2000a. An anti-predator behavior in larvae of *Libytheana carinenta* (Nymphalidae, Libytheinae). *Journal of the Lepidopterists' Society* 53(3): 130-131, 1 fig. (16 June) [host plant; Brazil]
- 2000b. See Vanini, F. et al., 2000.
- 2000c. See Brown, K. S., Jr. & A. V. L. Freitas, 2000.
- 2001a. See Brown, K. S., Jr. & A. V. L. Freitas, [2001].
- 2001b. See Machado, G. & A. V. L. Freitas, 2001.
- 2002a. Immature stages of *Eteona tisiphone* (Nymphalidae: Satyrinae). *Journal of the Lepidopterists' Society* 56(4): 286-288, 2 figs. (9 December) [egg, larva, pupa; host plant; Brazil]
- 2002b. See Oliveira, P. S. et al., 2002.
- 2002c. See Brown, K. S., Jr. & A. V. L. Freitas, 2002.
- 2003a. See Brown, K. S., Jr. & A. V. L. Freitas, 2003.
- 2003b. Description of a new genus for "*Euptychia*" *peculiaris* (Nymphalidae: Satyrinae): Immature stages and systematic position. *Journal of the Lepidopterists' Society* 57(2): 100-106, 4 figs., 2 tabs. (30 June) [*Taydebis*; egg, larva, pupa; host plant; Brazil]
- 2003c. See Raimundo, R. L. G. et al., 2003.
- 2004a. See Uehara-Prado, M. et al., 2004.
- 2004b. A new species of *Ypthimoides* (Nymphalidae, Satyrinae) from southeastern Brazil. *Journal of the Lepidopterists' Society* 58(1): 7-12, 5 figs. (22 April) [*Y. cipoensis*; egg, larva, pupa, imago; host plant; behavior]
- 2004c. Immature stages of *Amphidecta reynoldsi* (Nymphalidae: Satyrinae). *Journal of the Lepidopterists' Society* 58(1): 53-55, 2 figs. (22 April) [egg, larva, pupa; host plant; Brazil]
- 2004d. See Schulz, S. et al., 2004.
- 2004e. See Francini, R. B. et al., 2004.
- 2004f. See Oliveira, P. S. & A. V. L. Freitas, 2004.
- 2005a. See Lewinsohn, T. M. et al., 2005a.
- 2005b. See Lewinsohn, T. M. et al., 2005b.
- 2005c. See Uehara-Prado, M. et al., 2005.
- 2005d. See Silva, K. L. et al., 2005.
- 2005e. See Francini, R. B. et al., 2005.
- 2005f. See Andrade, R. B. de & A. V. L. Freitas, 2005.
- 2006a. See Brower, A. V. Z. et al., 2006.

- 2006b. See Dutra, H. de P. et al., 2006.
- 2006c. See Peña, C. et al., 2006.
- 2006d. See Willmott, K. R. & A. V. L. Freitas, 2006.
- 2006e. Immature stages of *Adelpha malea goyama* Schaus (Lepidoptera: Nymphalidae, Limenitidinae). *Neotropical Entomology* 35(5): 625-628, 1 fig. (31 October) [egg, larva, pupa; host plant; Brazil]
- 2007a. See Uehara-Prado, M. et al., 2007.
- 2007b. See Wahlberg, N. & A. V. L. Freitas, 2007.
- 2007c. See Brown, K. S., Jr. et al., 2007a.
- 2007d. See Brown, K. S., Jr. et al., 2007b.
- 2007e. A new species of *Moneuptychia* Forster (Lepidoptera: Satyrinae, Euptychiina) from the highlands of southeastern Brazil. *Neotropical Entomology* 36(6): 919-925, 5 figs. (December) [*M. itapeva*; life history]
- 2008a. See Silva-Brandão, K. L. et al., 2008a.
- 2008b. See Silva-Brandão, K. L. et al., 2008b.
- 2008c. See Kaminski, L. A. & A. V. L. Freitas, 2008.
- 2008d. See Canuto, J. Z. et al., 2008.
- 2008e. See Azevedo, C. O. et al., 2008.
- 2008f. Description of the early stages of *Leucidia* (Lepidoptera: Pieridae). *Tropical Lepidoptera Research* 18(1): 30-31, 1 fig. (1 June) [*L. brephos* (Hübner), *L. elvina* (Godart); egg, larva, pupa; host plants; Brazil]
- 2008g. See Ribeiro, D. B. et al., 2008.
- 2009a. See Willmott, K. R. et al., 2009.
- 2009b. See Tourinho, J. L. & A. V. L. Freitas, 2009.
- 2009c. See Kaminski, L. A. & A. V. L. Freitas, 2009.
- 2009d. See Uehara-Prado, M. & A. V. L. Freitas, 2009.
- 2009e. See Kaminski, L. A. et al., 2009.
- 2009f. See Elias, M. et al., 2009.
- 2009g. See Uehara-Prado, M. et al., 2009.
- 2009h. See Sendoya, S. F. et al., 2009.
- 2009i. See Silva-Brandão, K. L. et al., 2009.
- 2009j. See Wahlberg, N. et al., 2009b.
- 2009k. See Marín, M. A. et al., 2009.
- 2010a. See Ribeiro, D. B. & A. V. L. Freitas, 2010.
- 2010b. See Francini, R. B. & A. V. L. Freitas, 2010.
- 2010c. See Monteiro, R. F. et al., 2010.
- 2010d. See Duarte, M. et al., 2010.
- 2010e. See Kaminski, L. A. & A. V. L. Freitas, 2010.
- 2010f. See Peña, C. et al., 2010.
- 2010g. See Rodrigues, D. et al., 2010a.
- 2010h. See Kaminski, L. A. et al., 2010b.
- 2010i. Impactos potenciais das mudanças propostas no Código Florestal Brasileiro sobre as borboletas. *Biota neotropica* 10(4): 53-57, 1 fig. (15 October) (general; conservation; Brazil]
- 2010j. See Barbosa, E. de P. et al., 2010.
- 2010k. See Ribeiro, D. B. et al., 2010.
- 2011a. See Marín, M. A. et al., 2011.
- 2011b. See Francini, R. B. et al., 2011a.
- 2011c. See Francini, R. B. et al., 2011b.
- 2011d. See Jorge, L. do R. et al., 2011.
- 2011e. See Silva, P. L. da et al., 2011.
- 2011f. See Paluch, M. et al., 2011.
- 2011g. Local polyphagy in *Theope lycaenina* Bates, 1868 (Riodinidae: Nymphidiini). *Journal of the Lepidopterists' Society* 65(4): 264-265, 1 fig. (2 December) [host plants; Brazil]
- 2011h. See Ribeiro, D. B. & A. V. L. Freitas, 2011.
- 2012a. See Beirão, M. do V. et al., 2012.
- 2012b. See Leite, L. A. R. et al., 2012a.
- 2012c. See Kaminski, L. A. et al., 2012a.
- 2012d. See Ramos, R. R. et al., 2012.
- 2012e. See Ribeiro, D. B. et al., 2012.
- 2012f. See Bächtold, A. et al., 2012.
- 2012g. See Moraes, A. R. de et al., 2012.
- 2012h. See Kaminski, L. A. et al., 2012b.
- 2012i. See Muniz, D. G. et al., 2012.
- 2012j. See Almeida, A. C. de & A. V. L. Freitas, 2012.
- 2012k. See Ribeiro, D. B. & A. V. L. Freitas, 2012.
- 2012l. See Kaminski, L. A. et al., 2012c.
- 2013a. See Matos, P. F. et al., 2013.
- 2013b. See Kaminski, L. A. et al., 2013.
- 2013c. See Penz, C. M. et al., 2013.
- 2013d. See Rodrigues, D. & A. V. L. Freitas, 2013.
- 2013e. See Iserhard, C. A. et al., 2013.
- 2013f. See Zacca, T. et al., 2013.
- 2013g. See Greve, R. R. et al., 2013.
- 2013h. See Giraldo, C. E. et al., 2013.
- 2013i. See Siewert, R. R. et al., 2013.
- 2013j. See Herkenhoff, E. V. et al., 2013.
- 2014a. See Seraphim, N. et al., 2014.
- 2014b. See Leite, L. A. R. et al., 2014.
- [2014]c. See Santos, J. P. dos et al., [2014]a.
- [2014]d. See Santos, J. P. dos et al., [2014]b.
- [2014]e. See Santos, J. P. dos et al., [2014]c.
- [2014]f. See Santos, J. P. dos et al., [2014]d.
- 2014g. See Kerpel, S. M. et al., 2014b.
- 2014h. See Mota, L. L. e et al., 2014.
- 2014i. See Pinheiro, C. E. G. & A. V. L. Freitas, 2014.
- 2014j. See Brower, A. V. Z. et al., 2014a.
- 2014k. See Brower, A. V. Z. et al., 2014b.
- 2014l. See Gomes, V. et al., 2014.
- 2014m. See Kaminski, L. A. et al., 2014.
- 2014n. See Sant'Anna, C. L. B. et al., 2014.
- 2014o. See Cosmo, L. G. et al., 2014.
- 2014p. See Melo, D. H. A. et al., 2014.
- 2014q. See Ribeiro, D. B. & A. V. L. Freitas, 2014.
- 2015a. The taxonomic identity of *Heliconius melpomene* f. *pyritosa* var. *fumigata* Zikán (Lepidoptera: Nymphalidae). *Revista brasileira de Entomologia* 59(2): 124-125, 1 fig. (June; published online 9 April) [Brazil]
- 2015b. See Kaminski, L. A. et al., 2015a.
- 2015c. See Garzón, I. J. et al., 2015a.
- 2015d. See Barbosa, E. de P. et al., 2015.
- 2015e. See Kaminski, L. A. et al., 2015b.
- 2016a. See Chazot, N. et al., 2016b.
- 2016b. See Ribeiro, D. B. et al., 2016.
- 2016c. See Talavera, G. et al., 2016.
- 2016d. See Willmott, K. R. et al., 2016.
- 2016e. See Kaminski, L. A. et al., 2016.
- 2016f. See Pinheiro, C. E. G. et al., 2016.
- 2016g. See Seraphim, N. et al., 2016.
- 2016h. See Chazot, N. et al., 2016c.
- 2016i. See Barbosa, E. de P. et al., 2016.
- 2016j. See Mota, L. L. e et al., 2016.
- 2016k. See Nakahara, S. et al., 2016c.
- 2016l. See Filgueiras, B. K. C. et al., 2016.
- 2016m. See Santos, J. P. dos et al., 2016.
- 2017a. See Bächtold, A. et al., 2017.
- 2017b. See Silva, D. L. de et al., 2017.
- 2017c. See Andrade, R. B. de et al., 2017.
- 2017d. See Shirai, L. T. et al., 2017a.
- 2017e. See Zacca, T. et al., 2017b.
- 2017f. See Nakahara, S. et al., 2017.
- 2017g. Immature stages of the Neotropical satyrine butterfly *Taygetis acuta* (Nymphalidae: Euptychiina). *Tropical Lepidoptera Research* 27(1): 1-5, 2 figs. (June) [egg, larva, pupa; host plants; Brazil]
- 2017h. See Zacca, T. et al., 2017d.
- 2017i. See Kaminski, L. A. et al., 2017.
- 2017j. See Seixas, R. da R. et al., 2017.

- 2017k. See Marín, M. A. et al., 2017b.
- 2017l. See Rosa, A. H. B. et al., 2017.
- 2017m. See Shirai, L. T. et al., 2017b.
- 2017n. See Barbosa, E. de P. et al., 2017.
- 2017o. See Santos, J. P. dos et al., 2017.
- 2018a. See Pycrz, T. W. et al., 2018a.
- 2018b. See Seraphim, N. et al., 2018.
- 2018c. See Chazot, N. et al., 2018.
- 2018d. See Barbosa, E. de P. et al., 2018.
- 2018e. See Iserhard, C. A. et al., 2018.
- 2018f. See Braga, L. et al., 2018.
- 2018g. Immature stages of the Neotropical skipper *Lychnuchoides ozias ozias* (Hewitson, 1878) (Lepidoptera: Hesperidae). *Tropical Lepidoptera Research* 28(1): 25-28, 1 fig. (July; published online 31 May) [egg, larva, pupa, imago; host plant; Brazil]
- 2018h. See Zacca, T. et al., 2018.
- 2018i. See Almeida, G. de S. S. de et al., 2018.
- 2018j. See Santos, J. P. dos et al., 2018.
2019. See Santos, J. P. dos et al., 2019.
- 2019a. See Santos, J. P. dos et al., 2019.
- 2019b. See Dias, F. M. S. et al., 2019b.
- 2019c. See Espeland, M. et al., 2019.
- 2019d. See Melo, D. H. A. et al., 2019a.
- 2019e. See Iserhard, C. A. et al., 2019.
- 2019f. See Filgueiras, B. K. C. et al., 2019.
- 2019g. See Uehara-Prado, M. & A. V. L. Freitas, 2019.
- 2019h. See Rosser, N. et al., 2019a.
- 2019i. See Willmott, K. R. et al., 2019.
- 2019j. See Carvalho, M. R. M. et al., 2019.
- 2019k. See Chazot, N. et al., 2019a.
- 2019l. See Melo, D. H. A. et al., 2019b.
- 2019m. See Rosa, A. H. B. et al., 2019a.
- 2019n. See Marín, M. A. et al., 2019.
- 2019o. See Cosmo, L. G. et al., 2019.
- 2019p. See Shirai, L. T. et al., 2019a.
- 2019q. See Shirai, L. T. et al., 2019b.
- 2019r. See Chazot, N. et al., 2019b.
- 2019s. See Nakahara, S. et al., 2019c.
- 2019t. See Rosa, A. H. B. et al., 2019b.
- Freitas, André Victor Lucci, Eduardo de Proença Barbosa and Ronaldo Bastos Francini**
- 2010b. Immature stages of the butterfly *Actinote conspicua* (Nymphalidae: Heliconiinae: Acraeini). *Tropical Lepidoptera Research* 20(2): 100-104, 3 figs. (1 December) [egg, larva, pupa, imago; host plants; parasitoid; behavior; Brazil]
- Freitas, André Victor Lucci, Eduardo de Proença Barbosa and Mario Alejandro Marín**
- 2016d. Immature stages and natural history of the Neotropical satyrine *Pareuptychia ocirrhoe interjecta* (Nymphalidae: Euptychiina). *Journal of the Lepidopterists' Society* 70(4): 271-276, 3 figs. (2 December) [egg, larva, pupa; host plants; Brazil]
- Freitas, André Victor Lucci, Eduardo de Proença Barbosa, Jessie Pereira dos Santos and Olaf Hermann Hendrik Mielke**
2013. A new genus, *Atlanteuptychia* gen. nov. for *Euptychia ernestina* (Lepidoptera: Nymphalidae: Satyrinae). *Zoologia* (Curitiba) 30(6): 661-668, 19 figs., 1 tab. (December; published online 6 December) [Brazil]
- Freitas, André Victor Lucci, Eduardo de Proença Barbosa, Ricardo Russo Siewert, Olaf Hermann Hendrik Mielke, Thamara Zacca and Ana Maria Lima de Azeredo-Espin**
- 2015c. Four new species of *Moneuptychia* (Lepidoptera: Satyrinae: Euptychiina) from Brazil. *Zootaxa* 3981(4): 521-541, 13 figs., 2 tabs. (7 July) [*M. montana*, *M. vitellina*, *M. pervagata*, *M. wahlbergi*; eggs, larvae, pupae; host plants; behavior]
- Freitas, André Victor Lucci, Eduardo de Proença Barbosa, Keith Richard Willmott, Niklas Wahlberg and Gerardo Lamas**
- 2016a. 'Species' from two different butterfly genera combined into one: description of a new genus of Euptychiina (Nymphalidae: Satyrinae) with unusually variable wing pattern. *Revista brasileira de Entomologia* 60(2): 157-165, 6 figs., 2 tabs. (June; published online 4 March) [*Sepona*; South America]
- Freitas, André Victor Lucci, Eduardo de Proença Barbosa, Thamara Zacca, Mario Alejandro Marín, Marina do Vale Beirão, André Roberto Melo Silva, Mirna Martins Casagrande, Marianne Espeland and Keith Richard Willmott**
- 2018b. Before it is too late: description of a new genus and species of butterfly from a highly threatened Brazilian biome. *Revista brasileira de Entomologia* 62(2): 148-158, 8 figs., 3 tabs. (June; published online 2 March) [new taxa: *Nhambikuara*, *N. cerradensis*; taxonomy; natural history; Peru]
- Freitas, André Victor Lucci, Woodruff Whitman Benson, Onildo João Marini-Filho and Roberta M. de Carvalho**
1997. Territoriality by the dawn's early light: the Neotropical owl butterfly *Caligo idomenaeus* [sic] (Nymphalidae: Brassoliniinae). *Journal of Research on the Lepidoptera* 34(1/4): 14-20 (15 December) [behavior; Brazil]
- Freitas, André Victor Lucci, and Keith Spalding Brown, Jr.**
2001. Biology of *Adelpha mythra* feeding on Asteraceae, a novel plant family for the Neotropical Limenitidinae (Nymphalidae), and new data on *Adelpha* "species-group VII". *Journal of the Lepidopterists' Society* 54(3): 97-100, 3 figs., 1 tab. (25 September) [*A. syma* (Godart); eggs, larvae, pupae; host plants; Brazil]
2002. Immature stages of *Sais rosalia* (Nymphalidae, Ithomiinae). *Journal of the Lepidopterists' Society* 56(2): 104-106, 1 fig. (30 April) [egg, larva, pupa; host plant; Brazil]
2004. Phylogeny of the Nymphalidae (Lepidoptera). *Systematic Biology* 53(3): 363-383, 5+15 figs., 4 tabs. (June) [general]
2005. Immature stages of *Napeogenes sulphurina* Bates, 1862 (Nymphalidae, Ithomiinae) from northeastern Brazil. *Journal of the Lepidopterists' Society* 59(1): 35-37, 1 fig. (8 April) [egg, larva, pupa, imago; host plant; behavior]
- 2008a. Immature stages of *Ithomia salapia ardea* (Lepidoptera: Nymphalidae, Ithomiinae). *Tropical Lepidoptera Research* 18(1): 17-19, 2 figs. (1 June) [egg, larva, pupa; host plant; Brazil]
- 2008b. Immature stages of *Vila emilia* (Lepidoptera: Nymphalidae, Biblidinae). *Tropical Lepidoptera Research* 18(2): 74-77, 4 figs. (1 December) [egg, larva, pupa; host plant; Brazil]
- Freitas, André Victor Lucci, Keith Spalding Brown, Jr., Olaf Hermann Hendrik Mielke, Jessie Pereira dos Santos and João Vasconcellos-Neto**
- 2016c. *Borboletas da Reserva Natural Vale, Linhares/ES*, pp. 317-328, 1 fig., 2 tabs. In: Rolim, S. G., L. F. T. de Menezes & A. C. Srbek-Araujo (Eds.), *Floresta atlântica de tabuleiro: Diversidade e endemismos na Reserva Natural Vale*. Belo Horizonte, Editora Rupestre. [general; Brazil]
- Freitas, André Victor Lucci, Keith Spalding Brown, Jr. and Luis Daniel Otero**

1997. Juvenile stages of *Cybdelis*, a key genus uniting the diverse branches of the Eurytelinae (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 8(1): 29-34, 5 figs., 1 tab. (5 September) [host plants; Brazil, Venezuela]
- Freitas, André Victor Lucci, Junia Yasmin Oliveira Carreira, Jessie Pereira dos Santos and Eduardo de Proença Barbosa**
- 2016b. Immature stages and natural history of two species of *Forsterinaria* from southeastern Brazil (Lepidoptera: Nymphalidae). *Tropical Lepidoptera Research* 26(1): 13-18, 4 figs. (June) [*F. quantius* (Godart), *F. necys* (Godart); eggs, larvae, pupae, imagos; host plants; behavior]
- Freitas, André Victor Lucci, Eduardo de Oliveira Emery and Olaf Hermann Hendrik Mielke**
- 2010a. A new species of *Moneuptychia* Forster (Lepidoptera: Satyrinae: Euptychiina) from Central Brazil. *Neotropical Entomology* 39(1): 83-90, 6 figs. (February) [*M. giffordii*]
- Freitas, André Victor Lucci, Ronaldo Bastos Francini and Keith Spalding Brown, Jr.**
2003. *Insetos como indicadores ambientais*, pp. 125-154, 4 figs. In: Cullen, L., Jr., C. Valladares-Pádua & R. Rudran (Eds.), *Métodos de estudos em biologia da conservação e manejo da vida silvestre*. Curitiba, Editora da UFPR. [general; Brazil]
- Freitas, André Victor Lucci, Ronaldo Bastos Francini, Márton Paluch and Eduardo de Proença Barbosa**
- 2018a. A new species of *Actinote* Hübner (Nymphalidae: Heliconiinae: Acraeini) from southeast Brazil. *Revista brasileira de Entomologia* 62(2): 135-147, 11 figs. (June; published online 9 February) [*A. mantiqueira*; morphology; egg, larva, pupa, imago; host plant; behavior]
- Freitas, André Victor Lucci, Ronaldo Bastos Francini and Thadeu Sobral Souza**
2009. Immature stages and natural history of the threatened butterfly *Actinote quadra* (Nymphalidae: Heliconiinae: Acraeini). *Tropical Lepidoptera Research* 19(2): 82-88, 5 figs. (1 December) [egg, larva, pupa; host plant; behavior; Brazil]
- Freitas, André Victor Lucci, Patrícia Eyng Gueratto and André Rangel Nascimento**
- 2019e. New records of high altitude *Actinote* (Nymphalidae: Heliconiinae) from central Brazil extend the known distribution by 650 km. *Journal of the Lepidopterists' Society* 73(3): 208-210, 2 figs. (6 September) [general]
- Freitas, André Victor Lucci, Cristiano Agra Iserhard, Jessie Pereira dos Santos, Junia Yasmin Oliveira Carreira, Danilo Bandini Ribeiro, Douglas Henrique Alves Melo, Augusto Henrique Batista Rosa, Onildo João Marini-Filho, Gustavo Mattos Accacio and Márcio Uehara-Prado**
- 2015a. Studies with butterfly bait traps: an overview. *Revista colombiana de Entomología* 40(2): 209-218, 2 figs. ("December 2014", 2015) [general]
- Freitas, André Victor Lucci, and Lucas Augusto Kaminski**
2014. Ovipositing off the host plant by two tropical nymphalid butterflies. *Journal of the Lepidopterists' Society* 68(2): 143-144, 1 fig. (2 June) [*Ithomia drymo* Hübner, *Eueides aliphera* (Godart); Brazil]
- Freitas, André Victor Lucci, Lucas Augusto Kaminski, Cristiano Agra Iserhard, Luiza de Moraes Magaldi, Niklas Wahlberg, Karina Lucas Silva-Brandão and Onildo João Marini-Filho**
2014. *Paulogramma hydarnis* (n. comb.) (Nymphalidae: Biblidinae): Distribution, systematic position, and conservation status of a rare and endangered butterfly. *Neotropical Entomology* 43(3): 218-226, 2 figs., 2 tabs. (June; published online 20 March) [general]
- Freitas, André Victor Lucci, Lucas Augusto Kaminski, Cristiano Agra Iserhard, Eduardo de Proença Barbosa and Onildo João Marini-Filho**
- 2011b. The endangered butterfly *Charonias theano* (Boisduval) (Lepidoptera: Pieridae): Current status, threats and its rediscovery in the State of São Paulo, Southeastern Brazil. *Neotropical Entomology* 40(6): 669-676, 2 figs., 1 tab. (December) [behavior; conservation]
- Freitas, André Victor Lucci, Lucas Augusto Kaminski, Ricardo Gabriel Mattos and Karina Lucas Silva-Brandão**
2009. Immature stages of the Andean butterfly *Actinote rufina* (Nymphalidae: Heliconiinae: Acraeni). *Tropical Lepidoptera Research* 19(1): 18-21, 2 figs. (1 June) [egg, larva, pupa, imago; host plant; behavior; Peru]
- Freitas, André Victor Lucci, Lucas Augusto Kaminski, Olaf Hermann Hendrik Mielke, Eduardo de Proença Barbosa and Karina Lucas Silva-Brandão**
- 2012a. A new species of *Ypthimoides* (Lepidoptera: Nymphalidae: Satyrinae) from the southern Atlantic forest region. *Zootaxa* 3526: 31-44, 9 figs., 1 tab. (25 October) [*Y. ordinaria*; egg, larva, pupa, imago; host plant; behavior; distribution; Paraguay, Argentina]
- Freitas, André Victor Lucci, Inara Roberta Leal and Sirayama de Oliveira Ferreira**
1999. Selection of oviposition sites by a lepidopteran community of a tropical forest in southeastern Brazil. *Biotropica* 31(2): 372-375 (June) [general]
- Freitas, André Victor Lucci, Inara Roberta Leal, Márcio Uehara-Prado and Luciana Iannuzzi**
2006. *Insetos como indicadores de conservação da paisagem*, pp. 357-384, 5 figs. In: Rocha, C. F. D., H. G. Bergallo, M. Van Sluys & M. A. S. Alves (Eds.), *Biologia da conservação: Essências*. São Carlos, RiMa Editora. [general; Brazil]
- Freitas, André Victor Lucci, Thomas Michael Lewinsohn, Luiza de Moraes Magaldi and Niklas Wahlberg**
- 2015b. A new subspecies of *Anthanassa* (Nymphalidae: Nymphalinae: Melitaeini) from Southeastern Brazil. *Journal of the Lepidopterists' Society* 69(2): 83-90, 3 figs., 1 tab. (18 June) [*A. drusilla rioverde*]
- Freitas, André Victor Lucci, Luiza de Moraes Magaldi and Keith Richard Willmott**
- 2016e. A new subspecies of *Oleria gunilla* (Nymphalidae: Danainae) from North Mato Grosso, Brazil. *Journal of the Lepidopterists' Society* 70(4): 295-301, 4 figs. (2 December) [*O. g. lourdes*]
- Freitas, André Victor Lucci, and Onildo João Marini-Filho**
2011. *Plano de ação nacional para conservação dos lepidópteros ameaçados de extinção*. Brasília, Instituto Chico Mendes de Conservação da Biodiversidade. 122 pp., figs., tabs. [general; Brazil]
- Freitas, André Victor Lucci, Olaf Hermann Hendrik Mielke, Alfred Moser, Karina Lucas Silva-Brandão and Cristiano Agra Iserhard**
- 2011a. A new genus and species of Euptychiina (Lepidoptera: Nymphalidae: Satyrinae) from Southern Brazil. *Neotropical Entomology* 40(2): 231-237, 5 figs. (April) [*Prenda clarissa*]
- Freitas, André Victor Lucci, Luísa Lima e Mota, Eduardo de Proença Barbosa and Junia Yasmin Oliveira Carreira**
- 2019b. Immature stages of the *Selaginella*-feeding *Euptychia mollina* (Nymphalidae: Satyrinae) from the Brazilian Amazon. *Zoologia* (Curitiba) 36(e32053): 1-7, 23 figs. (4 June) [egg, larva, pupa, imago; host plant; behavior]
- Freitas, André Victor Lucci, Luísa Lima e Mota, Thamara Zacca**

- and Eduardo de Proença Barbosa**
- 2019d. Description of a new and highly distinctive genus and species of Euptychiina (Lepidoptera: Nymphalidae: Satyrinae) from the Brazilian southern Amazon. *Revista Brasileira de Entomologia* 63(3): 254-261, 6 figs., 1 tab. (September; published online 31 May) [*Cristalinaia vitoria*]
- Freitas, André Victor Lucci, Debra Lynne Murray and Keith Spalding Brown, Jr.**
- 2002b. Immatures, natural history and the systematic position of *Bia actorion* (Nymphalidae). *Journal of the Lepidopterists' Society* 56(3): 117-122, 2 figs. (11 October) [egg, larva, pupa; host plants; behavior; South America]
- Freitas, André Victor Lucci, and Paulo Sérgio Oliveira**
1994. Biology and behavior of the Neotropical butterfly *Eunica bechina* (Nymphalidae) with special reference to larval defence against ant predation. *Journal of Research on the Lepidoptera* 31(1/2): 1-11, 3 figs., 1 tab. (1 July) [egg, larva, pupa; host plant; behavior; Brazil]
1996. Ants as selective agents on herbivore biology: effects on the behaviour of a non-myrmecophilous butterfly. *Journal of animal Ecology* 65(2): 205-210, 6 figs. (March) [*Eunica bechina* (Hewitson); host plant; Brazil]
- Freitas, André Victor Lucci, and Carlos Peña**
2006. Description of genus *Guaianaza* for "*Euptychia*" *pronophila* (Lepidoptera: Nymphalidae: Satyrinae) with a description of the immature stages. *Zootaxa* 1163: 49-59, 4 figs. (30 March) [egg, larva, pupa; host plant; behavior; Brazil]
- Freitas, André Victor Lucci, and Renato Rogner Ramos**
2001. Population biology of *Parides anchises nephalion* (Papilionidae) in a coastal site in Southeast Brazil. *Brazilian Journal of Biology* 61(4): 623-630, 3 figs., 3 tabs. (30 November) [host plant; behavior]
- Freitas, André Victor Lucci, Renato Rogner Ramos, Karina Lucas Silva-Brandão, Mirta Natalia Coutouné, Luiza de Moraes Magaldi, Julia Leme Pablos, Neil Rosser and Keith Spalding Brown, Jr.**
- 2019c. A new subspecies of *Heliconius hermathena* (Nymphalidae: Heliconiinae) from southern Amazonia. *Neotropical Entomology* 48(3): 467-475, 5 figs., 2 tabs. (June; published online 12 December 2018) [*H. h. curua*; Brazil]
- Freitas, André Victor Lucci, Augusto Henrique Batista Rosa, Junia Yasmin Oliveira Carreira, Patricia Eyng Gueratto, Jessie Pereira dos Santos and André Tacioli**
- 2018c. Immature stages of two *Moneuptychia* from southeastern Brazil (Nymphalidae: Euptychiina). *Tropical Lepidoptera Research* 28(2): 100-105, 3 figs. (published online 17 December) [eggs, larvae, pupae, imago; ecology; behavior]
- Freitas, André Victor Lucci, José Roberto Trigo, Keith Spalding Brown, Jr., Ludger Witte, Thomas Hartmann and Lauro Euclides Soares Barata**
1996. Tropane and pyrrolizidine alkaloids in the ithomiines *Placidula euryanassa* and *Miralera cymothoe* (Lepidoptera: Nymphalidae). *Chemoecology* 7(2): 61-67, 1 fig., 5 tabs. (June) [Brazil, Venezuela, Colombia]
- Freitas, André Victor Lucci, João Vasconcellos, Neto, Fábio Vanini, José Roberto Trigo and Keith Spalding Brown, Jr.**
- 2002a. Population studies of *Aeria olena* and *Tithorea harmonia* (Nymphalidae, Ithomiinae) in southeastern Brazil. *Journal of the Lepidopterists' Society* 55(4): 150-157, 12 figs., 1 tab. (8 April) [host plants]
- Freitas, André Victor Lucci, Niklas Wahlberg, Pável Fortunato Matos, Mario Alejandro Marín and Olaf Hermann**
- Hendrik Mielke**
- 2012b. *Euptychia bouletti* (Le Cerf) n. comb. (Lepidoptera: Nymphalidae: Satyrinae), a rare and endangered butterfly from Southeastern Brazil. *Neotropical Entomology* 41(6): 461-467, 4 figs., 1 tab. (December; published online 31 August) [morphology; distribution]
- Freitas, André Victor Lucci, Maxwell S. Woodbury, Eduardo de Proença Barbosa and Keith Richard Willmott**
- 2019a. A new subspecies of *Adelpha messana* (C. Felder & R. Felder) from the Brazilian Atlantic forest (Nymphalidae: Limenitidinae). *Tropical Lepidoptera Research* 29(2): 62-66, 3 figs. (December; published online 17 May) [*A. m. seminivea*]
- Freitas, Breno Magalhães**
2011. See Pacheco Filho, A. J. de S. et al., 2011.
- Freitas, Cleverson Diniz Teixeira de**
2015. See Ramos, M. V. et al., 2015.
- Freitas, Joelcio, Diego Vinicius Braun, Lorena Tonini, Arlindo Serpa-Filho and Anderson Alves-Araújo**
2019. A new herbivory report from Southeastern Brazil: *Aristolochia hypoglauca* Kuhl (Piperaceae: Aristolochiaceae) as a host plant for *Battus polydamas* (Linnaeus, 1758) (Lepidoptera: Papilionidae). *Entomological News* 128(4): 336-341, 2 figs. (11 July; published online 1 June)
- Freitas, Jorge**
2007. See Márquez, F. & J. Freitas, 2007.
- Freitas, Leandro**
2011. See Avila, R. S. de, Jr. & L. Freitas, 2011.
2012. See Danieli-Silva, A. et al., 2012.
- Freitas, Lidiane Silva**
2014. See Jesus-Barros, C. R. de et al., 2014.
- Freitas, Luis**
2008. See Vásquez, J. et al., 2008.
- Freitas, Marcelo Mueller de**
2018. See Nogueira, L. et al., 2018.
- Freitas, Ramão Gomes de**
1938. See Biezanko, C. M. & R. G. de Freitas, 1938.
- French, Vernon**
1999. See Brakefield, P. M. & V. French, 1999.
- Frentiu, Francesca D., Gary Dale Bernard, Cristina I. Cuevas, Marilou P. Sison-Mangus, Kathleen L. Prudic and Adriana Danielle Briscoe**
- 2007a. Adaptive evolution of color vision as seen through the eyes of butterflies. *Proceedings of the national Academy of Sciences of the United States of America* 104(Supplement 1): 8634-8640, 4 figs., 3 tabs. (15 May) [general]
- Frentiu, Francesca D., Gary Dale Bernard, Marilou P. Sison-Mangus, Andrew Van Zandt Brower and Adriana Danielle Briscoe**
- 2007b. Gene duplication is an evolutionary mechanism for expanding spectral diversity in the long-wavelength photopigments of butterflies. *Molecular Biology and Evolution* 24(9): 2016-2028, 4 figs., 3 tabs. (1 September; published online 3 July) [general]
- Frérot, Brigitte**
2015. See Mérot, C. et al., 2015.
2019. See McClure, M. et al., 2019b.
- Fresa, Roberto**
1979. Hongos entomopatógenos observados en larvas de lepidópteros perjudiciales para cultivos de la Rep. Argentina. *Idia* (Buenos Aires) 373/378: 149-155, 4 figs. (January-June) [*Pyrrhopyge pelota* Plötz; host plants]
- Frey, Dennis F.**
1999. See Oberhauser, K. S. & D. F. Frey, 1999.
- Frézal, Lise**

2011. See Joron, M. et al., 2011.  
2018. See Jay, P. et al., 2018.
- Friberg, Urban**  
2000. See Aronqvist, G. et al., 2000.
- Fric, Zdeněk Faltýnek**  
2018. See Stella, D. et al., 2018.
- Fric, Zdeněk Faltýnek, Martin Konvička and Jan Zrzavý**  
2004. Red & black or black & white? Phylogeny of the *Araschnia* butterflies (Lepidoptera: Nymphalidae) and evolution of seasonal polyphenism. *Journal of Evolutionary Biology* 17(2): 265-278, 6 figs., 1 tab. (March) (published online 20 January) [*Hypanartia lethe* (Fabricius)]
- Fric, Zdeněk Faltýnek, Jana Maresova, Tomas Kadlec, Robert Trópek, Tomasz Wilhelm Pycrz and Martin Wiemers**  
2019. World travellers: phylogeny and biogeography of the butterfly genus *Leptotes* (Lepidoptera: Lycaenidae). *Systematic Entomology* 44(3): 652-665, 6 figs., 2 tabs. (July; published online 3 June) [general; Neotropics]
- Friedlander, Timothy P.**  
1984a. Insect parasites and predators of hackberry butterflies (Nymphalidae: *Asterocampa*). *Journal of the Lepidopterists' Society* 38(1): 60-61 (27 August) [Mexico]  
1984b. Another look at snout butterflies (Libytheidae: *Libytheana*). *Journal of the Lepidopterists' Society* 38(2): 139-141, 4 figs. (16 August) [general]  
1986. The biology and morphology of the immature stages of *Asterocampa idyja argus* (Bates) (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 24(3): 209-225, 36 figs., 1 tab. (1 April) [Mexico]  
1987. Taxonomy, phylogeny, and biogeography of *Asterocampa* Röber, 1916 (Lepidoptera, Nymphalidae, Apaturinae). *Journal of Research on the Lepidoptera* 25(4): 215-338, 22 pls., 13 figs. 11 tabs. (31 December) [general; Mexico, Central America, Antilles]  
1991. Comments on *Asterocampa idyja*. *News of the Lepidopterists' Society* 1991(4): 59 (July-August) [Central America]
- Friedrich, Adolf**  
1930. Erlebnisse in Bahia (Brasilien) un der Entomologie willen! *Entomologisches Jahrbuch* 39: 91-98. [general]
- Friedrich, Ekkehard**  
1997. Morphos. *Mitteilungen. Entomologischer Verein Stuttgart* 32: 83-85 (6 October) [general; Argentina, Colombia]
- Friesen, Rex D., Charlotte E. Causton and George P. Markin**  
2008. Status of the biological control of banana poka, *Passiflora mollissima* (aka *P. tarminiana*) in Hawaii, pp. 669-675, 1 tab. In: Julien, M. H., R. Sforza, M. C. Bon, H. C. Evans, P. E. Hatcher, H. L. Hinz & B. G. Rector (Eds.), *Proceedings of the XII International Symposium on Biological Control of Weeds*. Wallingford, CAB International (November) [*Agraulis vanillae* (Linnaeus), *Dione glycera* (C. Felder & R. Felder), *D. junio* (Cramer), *Euptoieta hegesia* (Cramer); host plants; South America]
- Frohawck, Frederick William** [1861-1946]  
1892. [A note]. *Proceedings of the South London entomological & natural History Society* 1890-91: 118 [*Catagramma*]
- Fronza, Edegar, Alexandre Specht and Elio Corseuil**  
2011. Butterflies and moths (Insecta: Lepidoptera) associated with *erva-mate*, the South American holly (*Ilex paraguariensis* St. Hil.), in Rio Grande do Sul, Brazil. *Check List* 7(4): 496-504, 29 figs. (July) [general; host plant]
- Frost, Barrie J.**  
2013. See Mouritsen, H. et al., 2013.
- Frost, Martin**  
1998. See Massiah, E. & M. Frost, 1998.
- Froy, Owen, Anthony L. Gotter, Amy L. Casselman, and Steven Marion Reppert**  
2003. Illuminating the circadian clock in monarch butterfly migration. *Science* 300(5623): 1303-1305, 3 figs. (23 May) [*Danaus plexippus* (Linnaeus); Mexico]
- Fruhstorfer, Hans** [1866-1922]  
1895a. Allerlei Neues über *Agrias*. *Entomologische Nachrichten* 21(10): 151-153 ([15] May) [general; *A. ferdinandi*; Brazil]  
1895b. Noch mehr Neues über *Agrias*. *Entomologische Nachrichten* 21(14): 217-220 ([15] July) [general; *A. godmani*, *A. salvini*, *A. frontina*, *A. boliviensis*, *A. eleonora*, *A. ferdinandi bogotana*; Brazil, Colombia, Bolivia, Ecuador]  
1895c. [A note]. *Berliner entomologische Zeitschrift* 40(2): (14) (mid July) [*Prepona deiphile* (Godart); Brazil]  
1895d. Noch einmal *Agrias claudia* Schulz [sic]. *Societas entomologica* 10(11): 81-82 (1 September) [general; Panama, South America]  
1896. [Notes]. *Berliner entomologische Zeitschrift* 41(1): (14) (late May) [Pieridae, Nymphalidae; Bolivia, Brazil]  
1897a. Neue Tagfalter aus Südamerika. *Entomologische Nachrichten* 23(14): 220-223 ([15] July) [general; *Prepona pylene santina*, *P. p. bahiana*, *P. insulicola*; Brazil, West Indies, Surinam]  
1897b. Neue Tagfalter aus Südamerika. *Entomologische Nachrichten* 23(16): 252-254 ([15] August) [*Agrias aurantiaca*, *Morpho achillaena bahiana*; Surinam, Brazil]  
1898a. *Agrias boliviensis* Fruhst. nova ab. *amydonides* m. *Entomologische Zeitschrift* 11(21): 166 (1 February) [Bolivia]  
1898b. *Morpho metellus richardus* m. nov. subspecies. *Entomologische Nachrichten* 24(4): 62-63 ([15] February) [Brazil]  
1898c. Etwas über ein Hauptvergnügen der Augen, genannt "Agrias". *Berliner entomologische Zeitschrift* 42(3/4): 289-300, pl. 1 (mid July) [general; South America]  
1898d. *Agrias aurantiaca* Fruhst. *Deutsche entomologische Zeitschrift "Iris"* 11(1): 155-158, pl. 2, fig. 2 (10 August) [general; Panama, South America]  
1898e. *Agrias boliviensis* Fruhstorfer. *Deutsche entomologische Zeitschrift "Iris"* 11(1): 158-159, pl. 2, fig. 3 (10 August) [new aberrations: *A. b.* aberration *amydonides*, *A. b.* aberration *songoensis*; Bolivia]  
1898f. Eine neue *Libythea* aus Asien. *Berliner entomologische Zeitschrift* 43(1/2): 169-170 (mid November) [general; Neotropics]  
1898g. [A note]. *Berliner entomologische Zeitschrift* 43(1/2): (8) (mid November) [*Agrias* spp.; Surinam]  
1898h. [A note]. *Berliner entomologische Zeitschrift* 43(1/2): (9) (mid November) [*Agrias* spp.; South America]  
1898i. [A note]. *Berliner entomologische Zeitschrift* 43(1/2): (10) (mid November) [*Papilio ulopus* Gray; Honduras]  
1898j. Eine neue Ithomiide aus Minas-Geraes. *Berliner entomologische Zeitschrift* 43(1/2): 200 (mid November) [*Napeogenes yanetta richardi*; Brazil]  
1898k. Skandinavisches von einem Tropenreisenden. *Insekten-Börse* 15(48): 282-283 (1 December), (49): 288 (8 December) [Linnaeus' collection in Uppsala]  
1899a. [*Agrias aurantiaca* and *boliviensis*]. *Deutsche entomologische Zeitschrift "Iris"* 11(2): pl. 2 (10 February) [corresponds to text of 1898b, 1898d and 1898e]  
1899b. [Notes]. *Berliner entomologische Zeitschrift* 44(1/2): (2)-(3), (18), (21)-(22), (24), (26) (mid July) [general; Brazil, Paraguay, Mexico]  
1901. [A note]. *Insekten-Börse* 18(46): 365 (14 November) [also in *Berliner entomologische Zeitschrift* 47(1/2): (17)-(18); early August 1902] [new form: *Agrias amydonius trojanus*; Peru, Brazil]  
1902a. [A note]. *Insekten-Börse* 19(4): 29 (23 January) [also in

- Berliner entomologische Zeitschrift* 47(1/2): (23)-(24); early August] [*Agrias claudia festa*, nomen nudum; Surinam; Brazil]
- 1902b. Eine neue Lokalform der seltenen *Ag. amydonius* Stdgr. *Deutsche entomologische Zeitschrift "Iris"* 14(2): 327-328 (1 March); 15(1): pl. 3, fig. 2 (early September) [*A. a. trajanus*; Peru, Brazil]
- 1902c. Eine neue *Agrias*. *Deutsche entomologische Zeitschrift "Iris"* 14(2): 351-352 (1 March) [*A. claudia* aberration *vesta*; Brazil, Surinam, Peru]
- 1902d. Neue ostasiatische [sic] Rhopaloceren. *Societas entomologica* 17(11): 81-82 (1 September) [*Agrias claudina infernalis*, *A. c. lugina*, *A. c. sara*; Guyana, Bolivia, Ecuador]
- 1902e. *Agrias narcissus* Stdgr. ♂ oder nov. subspec. *Deutsche entomologische Zeitschrift "Iris"* 15(1): 179, pl. 3, fig. 1 (early September) [fig. 2 on pl. 3 corresponds to 1902b] [Brazil, French Guiana]
- 1903a. Neue *Hypolimnas* und Uebersicht der bekannten Arten. *Berliner entomologische Zeitschrift* 48(1/2): 73-87 (early May) [*Hypolimnas misippus* (Linnaeus); West Indies, Surinam, French Guiana, Brazil]
- 1903b. Neue *Caligo*-Formen. *Insekten-Börse* 20(52): 413 (24 December) [*C. oleus philinos*, *C. idomeneus idomenides*, *C. memnon menes*; Peru, Panama]
- 1904a. Neue *Caligo*-Formen. *Societas entomologica* 18(19): 145 (1 January) [*C. illioneus pampeiro*, *C. teucer obidonus*, *C. eurilochus sulanus*; Paraguay, Brazil, Honduras, Venezuela, Surinam]
- 1904b. Mitteilungen über die Gattung *Caligo* in meiner Sammlung. *Deutsche entomologische Zeitschrift "Iris"* 16(2): 313-320 (20 March) [general; new subspecies: *C. idomeneus idomenides*, *C. memnon menes*; Mexico, Central and South America]
- 1904c. *Caligo eurilochus pallidus* nov. subspec. *Insekten-Börse* 21(16): 125 (14 April) [Bolivia]
- 1904d. Neue *Prepona*-Formen. *Insekten-Börse* 21(16): 125-126 (14 April) [*P. lygia*, *P. eugenes decorata*, *P. e. diluta*, *P. pylene proschion*, *P. dexamenes krates*, *P. d. leuctra*, *P. laertes pallidior*, *P. l. ikarios*, *P. l. penelope*, *P. demophile philetas*, *P. antimache crassina*, *P. a. gulina*, *P. a. andicola*, *P. pheridamas phila*; Central and South America, West Indies]
- 1904e. Eine *Papilio*-Aberration aus Honduras. *Societas entomologica* 19(4): 25-26 (15 May) [*P. philolaus* new female aberration *felicis*]
- 1904f. Mitteilungen über die Zucht von *Morpho anaxibia* Hb. *Entomologische Zeitschrift* 18(9): 35 (1 June), (10): 37-38, 1 fig. (8 June) [host plant; egg, larva, pupa, imago; behavior; Brazil]
- 1905a. Beitrag zur Kenntnis einiger *Prepona*-Arten und Übersicht der bekannten Arten dieser Gattung. *Deutsche entomologische Zeitschrift "Iris"* 17(2): 271-312, pls. 6-9 (25 July) [general; new taxa: *P. meander phoebus* form *phoebus*, *P. m. p.* form *cincta*, *P. demophon muson*, *P. d. centralis*, *P. laertes ikarios* form *autolyclus*, *P. l. penelope* form *antikleia*, *P. omphale amesia*, *P. o. a.* form *dives*, *P. o. octavia*, *P. gnorima jordani*, *P. transiens*; life history; distribution; Neotropics]
- 1905b. Neue Morphiden. *Entomologische Zeitschrift* 19(20): 113-115, figs. 8-11 (22 August), (22): 125-126, figs. 12-13 (8 September) [general; new subspecies: *Morpho hercules diadema*, *M. hecuba obidonus*, *M. perseus aratos*; Central and South America]
- 1905c. Historisches über *Caligo martia* Godt. *Entomologische Zeitschrift* 19(24): 136-137 (22 September) [Brazil]
- 1906a. Eine neue *Prepona* aus Brasilien. *Entomologische Zeitschrift* 20(21): 150-151 (1 September) [*P. meander* form *pseudomeander*]
- 1906b. Bücherbesprechung und zugleich Beitrag zur Kenntnis hochandinen Lebens. *Insekten-Börse* 23(48): 192 (29 November), (49): 195-196 (6 December), (50): 198-199 (13 December) [general; ecology; Ecuador]
- 1907a. Neue südamerikanische Satyriden. *Societas entomologica* 21(23): 177 (1 March) [general; *Eteona tisiphone inomata*, *E. vulpecula aeruginea*; Brazil]
- 1907b. Eine neue Pieride aus Südamerika. *Internationale entomologische Zeitschrift* 1(4): 25, 1 fig. (20 April) [general; *Hesperocharis praecleara*; Brazil, Surinam, Venezuela, Peru, Colombia]
- 1907c. Zwei neue Brassoliden aus Brasilien. *Internationale entomologische Zeitschrift* 1(5): 29-30, figs. 1-2 (27 April) [general; *Opsiphanes quiteria philon*, *O. invirae pseudophilon*]
- 1907d. Eine neue Brassolide aus Columbien. *Internationale entomologische Zeitschrift* 1(6): 36-37, 1 fig. (4 May) [*Catoblepia cyparissa*]
- 1907e. Neue Rhopaloceren aus Südamerika. I. *Victorina steneles* [sic] L. und einige neue Formen. *Stettiner entomologische Zeitung* 68(1): 13-15 (May) [general; *V. s. biplagiata*, *V. s. b.* form *pallida*, *V. s.* form *bipunctata*, *V. s. sophene*; Neotropics]
- 1907f. Neue Rhopaloceren aus Südamerika. II. Neue *Ageronia*-Formen. *Stettiner entomologische Zeitung* 68(1): 15-17 (May) [general; *A. chloe rhea*, *A. fornax fornacalia*, *A. guatemalena elata*; Mexico, Central and South America]
- 1907g. Verzeichniss der von Herrn Dr. Theodor Koch-Grünberg am oberen Waupes 1903-1905 gesammelten Rhopaloceren mit Besprechung verwandter Arten. *Stettiner entomologische Zeitung* 68(1): 117-164 (May) [general; new taxa: *Antirrhaea philoctetes theodori*, *Caligo teucer phoroneus*, *Opsiphanes invirae relucens*, *O. i. remoliatus*, *O. i. agasthenes*, *O. i. a.* form *rectifasciata*, *O. quiteria mylassa*, *O. q. obidonus*, *O. q. philon*, *O. invirae pseudophilon*, *O. cassiae* form *pudicus*, *O. c.* form *decentius*, *O. c. lucullus*, *O. c. strophios*, *O. invirae isagoras*, *O. tamarindi xiphos*, *O. t. pseudocassiae*, *O. batea beata*, *O. b. subsericea*, *O. b. praegrandis*, *O. optera aorsa litura*, *Catoblepia berecynthia unditaenia*, *C. b.* form *latitaenia*, *C. cyparissa*, *Morpho nestira tenuilimbata*, *M. n. mineiro*, *M. didius julanthiscus*, *M. deidamia erica*, *M. achilles theodorus*, *M. a. t.* form *micans*, *M. a. amazonicus*, *M. a. achilles* form *lacrimans*, *M. a. trojana* male form *mullea*, *M. a. t.* female form *mystica*, *M. achillaena pellana*, *M. a. paulista*, *M. granadensis lucanor*; Neotropics]
- 1907h. Zwei neue *Morpho*-Rassen. *Internationale entomologische Zeitschrift* 1(10): 61-62, figs. 1-2 (1 June) [general; *M. aega mellinia*, *M. a. bisanthe*; Brazil]
- 1907i. Neue Lokalformen der Gattung *Eunica*. *Societas entomologica* 22(5): 33-34 (1 June), (6): 43-44 (15 June) [general; *E. cabira gervisa*, *E. c. ninetta*, *E. c. editha*, *E. margarita eburnea*; Venezuela, Peru, Ecuador, Bolivia, Brazil]
- 1907j. Uebersicht der bekannten *Anartia* und Beschreibung neuer Formen. *Internationale entomologische Zeitschrift* 1(14): 97 (29 June), (15): 101-102 (6 July), (16): 111-112 (13 July) [general; *A. amatheia sticheli*, *A. a. thymis*, *A. fatima venusta*, *A. jatrophae luteipicta*, *Anartiella* (new subgenus) (sic!) *lytrea eurytis*; Neotropics]
- 1907k. Verzeichniss der von Herrn Dr. Theodor Koch-Grünberg am oberen Waupes 1903-1905 gesammelten Rhopaloceren mit Besprechung verwandter Arten. *Stettiner entomologische Zeitung* 68(2): 207-309, pl. 1



- (July) [general; new taxa: *Morpho peleides hyacinthus* form *crispitaenia*, *M. p. pudicis*, *M. rugitaeniatus*, *M. rhetenor eusebes*, *M. aega melinia* [sic], *M. a. aega* female form *pseudocypris*, *M. a. bisanthe*, *M. a. b.* female form *pseudocypris*, *M. a. b.* female form *mixta*, *M. portis* form *sidera*, *M. catenarius* female form *marmoratao*, *M. c.* form *argentinus*, *Junonia lavinia mjichaelisi*, *Temenis laothoe violetta*, *T. l. hondurensis*, *T. l. columbiana*, *T. l. pseudolaothoe*, *T. l. p.* form *pseud-ariadne*, *T. l. laothoe* female form *ottonis*, *T. l. bahiana*, *T. l. santina*, *T. hubneri*, *T. pulchra amazonica*, *T. p. dilutor*, *Pseudonica flavilla lunigera*, *Megalura chiron insularis*, *M. berania* form *crassilineata*, *M. corinna lazulina*, *Catargyria thalsysia*, *C. laure mileta* female form *majugena*, *C. l. mima*, *C. selina modica*, *C. s. murrina*, *C. linda myia*, *C. l. nitoris*, *C. l. geyeri*, *C. lavinia* form *ornata*, *Chlorippe pavon cuellinia*, *C. p. inumbratus*, *C. zunilda floris*, *C. vacuna fluibunda*, *C. agathina bertila*, *C. elis farge*, *C. e. fabaris*, *Diorhina periander oluros*, *Hesperocharis hirlanda obnubila*, *H. h. praecleara*, *H. nera nilios*, *H. n. amazonica*, *Melete lycimnia maetis*, *M. l. iphigenia*, *M. l. (?) donata*, *M. l. phazania*, *M. l. pantoporia* female form *flora*, *M. l. p.* female form *phaenna*, *M. l. p.* male form *pertho*, *M. l. petronia*, *M. l. gargaphia*, *M. l. g.* form *amarella*, *M. peruviana galatia*, *M. p.* form *yolanda*, *M. luisella*, *Perrhybris demophile charopus*, *P. d.* form *niphates*, *P. d. nimietes*, *P. d. hubneri*, *P. d. niseias*, *P. d. calydonia* form *magna*, *P. pyrrha* female form *lucasi*, *P. p.* female form *pamela*, *P. p. incisa*, *P. p. digitata*, *P. lorena jumena*, *P. l. luteifera*, *Pieris locusta rubecula*, *Archonias tereas uniplaga*, *A. t. critias* form *hades*, *A. t. papilionides*, *A. t. regillus*, *Pereute charops meridana*, *P. c. m.* form *praemeridana*, *P. c. columbica*, *P. leucodrosime bellatrix*, *P. l. beryllina*, *Colias lesbia* form *puna*, *Phoebis philea hubneri*, *Rhodocera menippe metioche*, *Anteos clorinde nivifera*, *Papilio polystictus galenus*, *P. androgeus bagous*, *P. thoas chamadus*, *P. lycophron drepanon*, *P. telesilaus domitor*, *P. t. d.* form *vitellus*, *P. iphitas* form *enervulata*, *P. dolicaon draconarius*, *P. d. deicoon* form *frustulum*; Neotropics]
- 1907l. Südamerikanische Rhopaloceren. *Entomologische Zeitschrift* 21(28): 171-172 (12 October) [general; new taxa: *Adelpha isis divina*, *A. irma*, *A. i. nadja*, *A. irmina wilhelmina*, *A. epione agilla*, *A. justina justinella*, *A. alala completa*, *A. a. albifida*, *A. a. cora*, *A. a. fillo*, *A. olynthia olynthina*, *A. corcyra aretina*]
- 1907m. Neue südamerikanische Pieriden. *Societas entomologica* 22(15): 115-116 (1 November), (16): 123-124 (15 November) [general; *Pereute swainsoni phalera*, *P. autodyca bardela*, *P. callinira sabrina*, *P. c. callinira* male form *musia*, *P. c. numatia*, *Archonias critias regillus* form *archidona*, *A. bellona cutila*, *A. b. phaloreia*, *A. b. hyrnetho*, *A. b. sabrina*, *A. pharnakia*, *Perrhybris demophile minthe*, *P. d. lucania*, *P. d. mustica*, *P. pyrrha glessaria*; Central and South America]
- 1907n. Neue südamerikanische Pieriden. *Internationale entomologische Zeitschrift* 1(36): 271-272 (30 November) [general; *Leptophobia caesia phanokia*, *L. cinerea litana*, *L. tovaria maruga*, *L. eleone eleone* form *conica*, *L. e. luca*, *L. e. l.* form *euremoides*, *L. pinara oiantheia*; Ecuador, Colombia, Bolivia, Venezuela, Peru]
- 1907o. Neue südamerikanische Pieriden. *Societas entomologica* 22(17): 131-133 (1 December) [general; *Perrhybris pyrrha carmenta*, *P. p. austrania*, *P. lypera paravicinii*, *Hesperocharis hirlanda apicalis*, *H. helvia* form *serda*, *Pieris locusta cocana*, *P. l. rubecula* form *permagna*; Mexico, Central and South America]
- 1907p. Neue *Perrhybris* aus der *pandosia*-Gruppe. *Internationale entomologische Zeitschrift* 1(38): 287 (14 December) [general; *P. p. sabata*, *P. p. ophelia*, *P. p. o.* form *ludovica*; Honduras, Costa Rica, Colombia, Peru]
- 1907q. Neue südamerikanische Pieriden. *Societas entomologica* 22(18): 139-140 (15 December) [general; *Pieris amaryllis josepha* female form *gervasia*, *P. a. protasia*, *P. sevata tiburtia*, *P. s. timotina*, *P. s. amphissa*; Neotropics]
- 1908a. Neue südamerikanische Pieriden. *Societas entomologica* 22(19): 147-148 (1 January) [general; *Hesperocharis marchali masonia*, *H. m. coloe*, *H. nereina nereina* form *phainia*, *H. n. elea*, *H. nera nera* form *flaveola*, *H. n. nilios* form *aphaia*, *H. n. aida*, *H. n. a.* form *minia*; Colombia, Venezuela, Ecuador, Peru, Bolivia]
- 1908b. Neue südamerikanische Pieriden. *Internationale entomologische Zeitschrift* 1(40): 305-306 (4 January) [general; *L. gonzaga*, *L. eleusis mollitica*; Mexico, Central and South America]
- 1908c. Neue südamerikanische Pieriden. *Societas entomologica* 22(20): 154-155 (15 January) [general; *Hesperocharis nera nirvana*, *H. n. n.* form *vitha*, *Pieris buniae buniae* form *digentia*, *P. b. sabella* (nomen novum for *P. ausia* Staudinger), *P. b. pharetia*, *P. ausia* female form *rusella*; Bolivia, Brazil, Peru]
- 1908d. Neue südamerikanische Rhopaloceren. *Internationale entomologische Zeitschrift* 1(42): 319 (18 January) [general; *Smyrna blomfieldia datis*; Mexico, Central and South America]
- 1908e. Neue *Pyrrhogyra* und Uebersicht der bekannten Arten. *Stettiner entomologische Zeitung* 69(1): 34-41 (January) [general; *P. neaerea argina*, *P. n. kheili*, *P. n. ollius*, *P. stratonicus*, *P. edoclae aenaria*, *P. e. edocla* form *athene*, *P. e. anthele*, *P. crameri hagnodorus*, *P. c. nautaca*, *P. nasica olivencia*, *P. n. seitzii*; Mexico, Central and South America]
- 1908f. Neue *Ectima*-Rassen. *Stettiner entomologische Zeitung* 69(1): 41-44 (January) [general; *E. liria infirma*, *E. l. exilita*, *E. l. astricta*; West Indies, Central and South America]
- 1908g. Eine neue *Eunica* aus der *alcmena*-Gruppe und Beschreibung neuer Lokalformen. *Stettiner entomologische Zeitung* 69(1): 44-48 (January) [general; *E. irma*, *E. eurota myrthis*, *E. e. theophania*, *E. tatila bellaria*, *E. t. tatilina*, *E. ariba*; Cuba, Honduras, South America]
- 1908h. Neue südamerikanische Pieriden. *Societas entomologica* 22(21): 164-165 (1 February), (22): 171-173 (15 February), (23): 178-179 (1 March), (24): 186 (15 March) [general; *Melete lycimnia cubana*, *M. l. paulista*, *M. l. daulia* female form *petronia*, *M. l. calymnia* form *theodora*, *M. l. marica*, *M. l. m.* male form *moesia*, *M. l. eurymnia* form *asta*, *M. l. aelia* form *napona*, *M. l. a.* form *pistoria*, *M. l. maeotis* form *velia*, *M. l. m.* form *radiata*, *M. l. myrtis*, *M. l. donata* form *bianca*, *M. l. d.* form *pseudomyrtis*, *M. l. d.* form *monica*, *M. peruviana regnidas*, *M. laria boliviana*; West Indies, South America]
- 1908i. Neue *Adelpha*. *Entomologische Zeitschrift* 22(2): 8-9 (11 April) [also in *Entomologische Zeitschrift* 23(8): 40-41; 22 May 1909] [general; *A. isis pseudagrias*, *A. tizona tizonides*, *A. salmoneus emilia*; Brazil, Colombia, Bolivia]
- 1908j. Lepidopterologisches Pêle-Mêle. II. Neue südamerikanische Pieriden. *Entomologische Zeitschrift* 22(14): 59 (4 July) [general; *Perrhybris lorena peruncta*, *Pieris locusta milione*, *Leptophobia pinara aymara*, *L. cinnia*, *L. c. falledra*, *L. stamnata basilola*; Bolivia, Paraguay, Ecuador, Colombia]
- 1908k. Neue südamerikanische Pieriden. *Societas entomologica*

- 23(8): 58-59 (15 July) [general; *Leptophobia tovaria gina*, *L. penthica messala*, *L. p. basilola*, *L. subargentea lia*, *L. nephthis nephthis* form *aymara*, *L. cinnia*; Peru, Venezuela, Colombia, Ecuador, Bolivia]
- 1909a. Lepidopterologisches Pêle-Mêle. XIII. Illustrationen interessanter Tagfalter. *Entomologische Zeitschrift* 22(42): 172-175, figs. 1-10 (16 January) [general; *Morpho* spp.; host plants; eggs, larvae, pupae, imagines; Brazil, Honduras]
- 1909b. Neues über die Genitalorgane der Nymphaliden. *Entomologische Zeitschrift* 23(1): 228-231 [= 1-4], figs. 1-18 (3 April) [general; morphology; Mexico, Ecuador, Brazil, Surinam, Paraguay]
- 1909c. Neues über Rhopaloceren. *Stettiner entomologische Zeitung* 70(2): 209-238 (early April) [general; *Eunica sydonia poppaeana*, *E. caelina alycia*, *E. pomona pompata*, *E. norica occia*, *E. bechina medellina*, *E. b. chorienes*, *E. volumna intricata*, *E. v. celmina*, *E. cinara oreandra*, *E. marsolia fasula*; Brazil, Surinam, Colombia, Peru, Bolivia]
- 1909d. Neue *Adelpha*. *Entomologische Zeitschrift* 23(8): 40-41 (22 May) [reissue of 1908i] [*A. isis pseudagrias*, *A. tizona tizonides*, *A. salmoneus emilia*; Brazil, Colombia, Bolivia]
- 1909e. Neue südamerikanische Rhopaloceren. *Entomologische Zeitschrift* 23(8): 41 (22 May) [general; *Didonis biblis nectanabis*, *D. b. sisygambis*, *Victorina steneles* [sic] *meridionalis*; Neotropics]
- 1909f. Neue *Vanessa*- und *Pyrameis*-Rassen. *Internationale entomologische Zeitschrift* 3(17): 94 (24 July) [*Pyrameis atalanta rubria*; Mexico]
- 1909g. Neue *Zaretas*-Formen und Uebersicht der bekannten Rassen. *Entomologische Zeitschrift* 23(38): 166-168, figs. 1-4 (18 December) [general; *Z. itys pseudytis*, *Z. isidora anzuletta*, *Z. i. russeus*, *Z. i. isidora* female form *bisaltina*, *Z. i. i. female* form *foliacea*, *Z. i. vulpecula*, *Z. i. leopoldina*, *Z. i. vulpina*; Mexico, Central and South America]
- 1910a. Verzeichnis der auf der Expedition gesammelten Rhopaloceren, pp. 350-359, figs. 1-7. In: Koch-Grünberg, T., *Zwei Jahre unter den Indianern. Reisen in Nordwest-Brasilien 1903/1905*. Berlin, Ernst Wasmuth A.-G. 2. ([January]) [general; new taxa: *Melete lycimnia theodori*, *Adelpha delphicola*; Central and South America]
- 1910b. Neue *Agrias*-formen: *Agrias godmani* forma *cyanecula* und forma *derufata nava* [sic]. *Entomologische Zeitschrift* 24(34): 185 (26 November) [Brazil]
- 1910c. Neue Rhopaloceren aus der Provinz Matto Grosso und angrenzenden Gebieten. *Entomologische Zeitschrift* 24(35): 192-194 (3 December) [*Papilio ariarathes gaesatius*, *P. dolicaon anemos*, *Cunizza hirlanda planasia*, *C. h. minturna*, *C. h. posidonia*, *Melete lycimnia narmia*, *M. l. pantoporia* form *othoca*, *Pieris buniae gargara*, *P. artaxata*, *P. b. gerosa*, *P. b. masinissa*, *Morpho achilles pindarus*, *M. achillaena anakreon*, *Selenophanes cassiope theognis*, *Caligo idomeneus ibykus*, *C. i. ariphron*, *Nessaea obrinus faventia*; South America]
- 1910d. Drei neue Heliconidenformen. *Entomologische Zeitschrift* 24(35): 194 (3 December) [general; *Heliconius aulicus zobrysi*, *H. aoede faleria*, *H. venustus donatia*; Brazil]
- 1912a. Neue Nymphaliden des neotropischen Gebietes aus der Sammlung Staudinger. *Entomologische Rundschau* 29(2): 14-15 (27 January) [general; *Doxocopa argus* female form *armilla*, *D. idyja padola*, *Catargyria linda paulana*, *Epiphile adrastra bandusia*, *Temenis laothoe pedania*, *T. l. korallion*, *Lucinia sida cubana*, *Napeocles jucunda dumnorix*, *Metamandana dido pygmalion*, *M. d. diatonica*, *Evonyme eurota dymanes*, *E. e. muson*, *Pyrrhogyra neaerea susarion*, *Junonia livia*]
- 1912b. Neue Brassoliden. *Entomologische Rundschau* 29(2): 15-16 (27 January) [general; *Opsiphanes tamarindi kleisthenes*, *O. t. cheroeles*, *O. bogotanus phrataphernes*, *O. quiteria augeias*, *O. q. phylas*, *Eryphanes polyxena spintharus*, *Caligo eurilochus phryasus*, *C. prometheus anaximandrus*; Colombia, Trinidad]
- 1912c. Eine neue Morphide. *Entomologische Rundschau* 29(4): 31 (24 February) [*Morpho peleides insularis*; Trinidad]
- 1912d. Neue Satyriden des neotropischen Gebietes aus der Sammlung Staudinger. *Entomologische Rundschau* 29(4): 31 (24 February) [general; *Manataria hercyna hymethia*, *Caeris chorinaeus protonoe*, *Antirrhaea philaretus apoxyomenes*; Bolivia, Peru]
- 1912e. Neue netropische [sic] Nymphaliden. *Entomologische Rundschau* 29(6): 45-46 (23 March) [general; *Prepona neoterpe photidia*, *Agrias claudia maxentia*, *A. amydon* form *athenais*, *Panacea prola zaraja*, *P. procilla ocana*; Panama, Colombia, Peru, Bolivia, Venezuela]
- 1912f. Neue neotropische Pieriden aus der Sammlung Staudinger des Berliner Zoologischen Museums. *Entomologische Rundschau* 29(8): 59 (20 April) [general; *Dismorphia astynome paulistana*, *D. a. p. female* form *donia*, *D. mercenaria versicolora*, *D. m. v. female* form *carnea*, *Melete caesarea*, *Catasticta zebra*, *C. z. zebrella*; Brazil, Colombia, Bolivia, Peru, Venezuela]
- 1912g. 5. Familie: Brassolidae. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 285-328 (15 May), 329-332 (31 May), pls. 61-67. [general; ecology; behavior; life histories; new taxa: *Brassolis astyra astyra* form *dimidiata*, *Dynastor darius mardonius*, *D. d. faenius*, *Opsiphanes batea asperus*, *O. b. glaukias*, *O. tamarindi sikyon*, *O. t. terenzius*, *O. quiteria oresbios*, *O. sallei nicandrus*, *O. invirae ledon*, *O. cassina numatius*, *O. c. periphetes*, *O. berecynthia vicenciona*, *O. cassiope placentia*, *Eryphanis polyxena cheiremon*, *E. aesacus juruana*, *Caligo teucer phorkys*, *C. illioneus praxiodus*, *C. i. pheidriades*, *C. memnon pavonides*, *C. eurilochus brasiliensis* form *privata*, *C. idomeneus apollonidas*, *C. i. stratonides*, *C. i. hippolochus*, *C. menoetius aristophanes*, *C. atreus dionysos*, *C. oberthueri phokilides*, *Narope sarastro disyllus*; Neotropics]
- 1912h-13a. 6. Familie: Morphidae. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 333-344 (31 May 1912), 345-352 (5 June 1913), 353-356 (8 July 1913), pls. 66-71. [general; ecology; behavior; life histories; new taxa: *Morpho hecuba heracles*, *M. h. polyidos*, *M. laertes eutropius*, *M. catenarius* female form *nigrescens*, *M. c. argentinus* male form *efigurata*, *M. achillaena violaceus*, *M. patroclus agamedes*, *M. p. phokylides*, *M. peleides zela*, *M. p. zonaras*, *M. theseus thiasus*, *M. t. susarion*, *M. t. yaritanus*, *M. peleides cortone*, *M. sulkowskyi eros*, *M. aurora aureola*, *M. cypris cypris* female form *cyanites*, *M. anaxibia pelias*, *M. menelaus ornata*, *M. didius argentiferus*, *M. amphitron* form *azurita*, *M. patroclus macrophthalmus*, *M. p. microphthalmus*, *M. deidamia praenestina*, *M. helena chrysidis*, *M. cypris chrysonicus*; Neotropics]
- 1913b. Neue Rhopaloceren. *Entomologische Rundschau* 30(23): 133-134 (13 December) [general; *Opsiphanes xanthicles sosigenes*; French Guiana]
1914. Eine neue *Agrias*-Rasse aus Brasilien. *Entomologische Rundschau* 31(5): 30 (14 March) [*A. claudia pallantis*]
- 1915a. Ein neues Abdominalorgan der Rhopaloceren. *Societas entomologica* 30(5): 23 (1 May) [*Eunica*; morphology]
- 1915b. Neues über das Reverdin'sche Organ. *Societas*

- entomologica* 30(7): 37 (26 June) [*Eunica*, *Didonis biblis* (Fabricius); morphology]
- 1915c. Beitrag zur Morphologie der *Prepona*- und *Agrias*-Arten. *Entomologische Rundschau* 32(8): 45-47, figs. 1-7 (7 August) [general; new genus: *Archaeoprepona*; Brazil, Mexico]
- 1915d. 49. Gattung: *Adelpha* Hbn. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 510-512 (13 September), 513-520 (6 October), 521-528 (25 October) [general; ecology; behavior; life histories; new taxa: *A. lara mainas*, *A. eponina voluptis*, *A. boreas opheltes*, *A. b. verenda*, *A. saundersi leutha*, *A. leucophthalma tegeata*, *A. zina leucacantha*, *A. z. restricta*, *A. justina justinella* form *maira*, *A. j. praevalida*, *A. olynthia levicula*, *A. o. l. form inachia*, *A. o. olynthina*, *A. o. theaena*, *A. o. zopyra*, *A. valentina*, *A. alala alala* form *titia*, *A. a. completa* form *praecaria*, *A. a. privigna*, *A. a. negrina*, *A. aricia serenita*, *A. cocala lorzina*, *A. c. fufina*, *A. c. urracina*, *A. suapura*, *A. c. riola*, *A. c. caninia*, *A. c. didia*, *A. trinita fufia*, *A. t. cocalina*, *A. boeotia fulica*, *A. b. fidicula*, *A. sichaeus privata*, *A. s. irisa*, *A. s. leucopetra*, *A. aethalia metana*, *A. a. frusina*, *A. a. pollina*, *A. euboea fabricia*, *A. e. hilareia*, *A. e. mamaea*, *A. erymanthis adstricta*, *A. jordani*, *A. j. ernestina*, *A. erotia deleta*, *A. e. delinita*, *A. e. permagna*, *A. e. erotia* form *albina*, *A. e. e. form fugela*, *A. e. form uta*, *A. delphicola nava*, *A. d. praetura*, *A. d. ophellas*, *A. phylaca phylacides*, *A. p. sarana*, *A. p. georgias*, *A. phiassa implicata*, *A. p. bartolme*, *A. plesaura cerachates*, *A. p. sironia*, *A. p. heredia*, *A. p. antoniae*, *A. cytherea marcia*, *A. c. despoliata*, *A. c. daguana*, *A. c. tarratia*, *A. c. lanilla*, *A. c. insularis*, *A. c. herennia*, *A. syma* form *pravitas*, *A. thoasa silia*, *A. t. manilia*, *A. t. cuyaba*, *A. t. zalma*, *A. iphicla massilides*, *A. i. gortyna*, *A. i. funalis*, *A. i. phera*, *A. i. exanima*, *A. i. iphimedia*, *A. i. daceleia*, *A. i. pharae*, *A. i. indefecta*, *A. i. leucates*, *A. i. gellia*, *A. thessalia cesilas*, *A. basiloides caelia*, *A. pithys vodena*, *A. abylya abylyna*, *A. lerna archidona*, *A. l. leonina*, *A. naxia mucia*, *A. n. hieronica*, *A. n. diatreta*, *A. n. zynia*, *A. ixia fundania*, *A. i. leucas*, *A. aufidia*, *A. a. canuleia*, *A. pseudomessana*, *A. velia veliada*, *A. calliphane*, *A. falcipennis*, *A. f. perga*, *A. epizygis*, *A. rufilia*, *A. epona*, *A. felderi jarias*, *A. rothschildi*; Neotropics]
- 1915e. Neue neotropische Nymphaliden. *Societas entomologica* 30(12): 66 (12 November) [general; *Coenophlebia archidona magnifica*, *Panacea regina victrix*, *P. prola prolifica*, *P. p. amazonica*, *P. procilla salacia*, *Batesia hypochlora chrysocantha*; South America]
- 1915f. Neue Papilionidenrassen aus dem neotropischen Faunengebiet. *Entomologische Rundschau* 32(12): 70 (26 November) [*Papilio anchisiades philastrius*, *P. zagreus chrysoxanthus*, *P. hectorides agordus*, *P. h. lysirte*; Trinidad, Peru, Paraguay, Brazil]
- 1915g. 49. Gattung: *Adelpha* Hbn. [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 529-533 (29 November), pls. 106-110A. [general; ecology; behavior; life histories; new taxa: *A. athica carmela*, *A. a. serita*, *A. gavina*, *A. melona leucocoma*, *A. m. meridionalis*, *A. arete cibyra*, *A. a. pseudarete*, *A. zunilaces*, *A. biedermanni*, *A. celerio diademata*, *A. c. d. form godmani*, *A. c. celerio* form *cyrna*, *A. c. phintias*, *A. c. duilliae*, *A. c. diadochus*, *A. seriphia aquillia*, *A. s. naryce*, *A. s. therasia*, *A. serpa damon*, *A. s. ornamenta*, *A. s. form radiata*, *A. zera serpentina*, *A. z. tarpeia*, *A. nea campeda*, *A. hypsenor fassli*; Neotropics]
- 1915h. Zwei neue Pieridenrassen aus dem neotropischen Faunengebiet. *Entomologische Rundschau* 32(13): 76 (24 December) *Charonias eurytele aurantiaca*, *Catasticta teutila reveda*; Ecuador, Costa Rica, Mexico]
- 1916a. Neue neotropische Rhopaloceren. *Societas entomologica* 31(1): 3-4 (7 January) [general; *Catagramma texa zyxina*, *C. t. heroica*, *C. t. maximilla*, *C. codomanus otheres*, *C. cynosura neocles*, *C. sorana menesa*, *C. pygas ophis*, *C. p. agrianes*, *C. p. paragrias*, *C. p. p. form claudinides*, *C. p. eucale*, *C. hydaspes delmas*, *C. peristera delna*, *C. atacama manova*, *C. a. carmania*; Mexico, Central and South America]
- 1916b. Eine neue *Catagramma*-Rasse des Genfer Museums. *Societas entomologica* 31(1): 4 (7 January) [*C. atacama ronata*; Venezuela]
- 1916c. Neue neotropische Rhopaloceren. *Entomologische Zeitschrift* 29(23): 91 (5 February) [general; *Catagramma hydaspes aiaces*, *C. pitheas pallescens*, *C. codomannus paulistanus*, *C. lyca maroma*, *C. l. exultans*, *Perisama humboldti exuberans*, *Callicore bifasciata*, *C. candrena teana*; Brazil, Venezuela, Colombia, Bolivia]
- 1916d. Eine neue neotropische Nymphalide. *Societas entomologica* 31(3): 14 (3 March) [general; *Anaea chaeronea corita*; Brazil]
- 1916e. Neue neotropische Nymphaliden. *Entomologische Zeitschrift* 29(25): 97-98 (4 March) [general; *Perisama diotima zyxata*, *P. d. zurita*, *P. d. demata*, *P. cecidas cecidina*, *P. c. yurapa*, *P. morona xynites*, *P. euriclea plistia*, *P. cabirnia thryoessa*, *P. vaninka philiatra*, *P. v. gonalia*, *P. alicia paralicia*, *P. oppelii aisepus*, *P. humboldti vestina*; Bolivia, Peru, Ecuador, Colombia, Venezuela]
- 1916f. 54. Gattung: *Ageronia* Hbn. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 537-544 (14 March) [general; ecology; behavior; life histories; new taxa: *A. februa gudula*, *A. f. form sodalia*, *A. f. hierone*, *A. f. fundania*, *A. f. icilia*, *A. f. sabatia*, *A. f. atinia*, *A. f. sellasia*, *A. glauconome honorina*, *A. g. form julitta*, *A. g. megala*, *A. ferox fictitia*, *A. f. tegyra*, *A. f. diasia*, *A. chloe obidona*, *A. c. nais*, *A. c. nomia*, *A. c. xenia*, *A. c. daphnicia*, *A. feronia farinulenta*, *A. f. insularis*, *A. f. nobilita*, *A. f. catablymata*, *A. f. obumbrata*, *A. guatemalena eupolema*, *A. g. marmarice*, *A. iphthime gervasia*, *A. i. aternia*, *A. epinome florentia*, *A. rosandra*, *A. amphinome morsina*, *A. a. fumosa*, *A. a. aegina*, *A. arinome sterope*, *A. a. arene*, *A. a. obnubila*, *A. arethusa saurites*; Neotropics]
- 1916g. Ein verkanntes Organ der Rhopaloceren. *Societas entomologica* 31(4): 17-19, figs. 1-3 (31 March) [morphology; Nymphalinae]
- 1916h. 54. Gattung: *Ageronia* Hbn. [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 545 (18 April), pls. 104-105. [general; ecology; behavior; life histories; new taxa: *A. arethusa arethusa* form *palliolata*, *A. a. thearida*, *A. arete ortygia*, *A. a. alpheios*; Neotropics]
- 1916i. 55. Gattung: *Prepona* Bsd. - 56. Gattung *Agrias* Dbl. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 550-568 (18 April) [general; ecology; behavior; life histories; new taxa: *P. demophon xyniatus*, *P. d. pamenes*, *P. d. zoranthes*, *P. antimache thebais*, *P. a. lyde*, *P. a. tyrias*, *P. a. ilmatar*, *P. camilla metabus*, *P. meander megabates*, *P. m. m. form megacles*, *P. m. soron*, *P. m. amphiktion*, *P. m. symaithus*, *P. m. magos*, *P. m. fruhstorferi* form *melas*, *P. chalciope domna*, *P. c. chalcis*, *P. licomedes syrus*, *P. chromus chiliarches*, *P. c. xenarchus*, *P. eugenes argyria*, *P. laertes pallantias*, *P. l. form victrix*, *P. l. agathus*, *P. omphale rhenea*, *P. o. abulonia*, *P. dexamenus psacon*, *P. pheridamas attalis*, *P. garleppiana sphacteria*, *P.*

- praeneste praeneste* form *privata*, *P. p. praenestina*; Neotropics]
- 1916j. Neue Rhopaloceren. *Societas entomologica* 31(5): 24 (28 April) [*Catagramma eunomia triteia*; Ecuador]
- 1916k. 55. Gattung: Prepona Bsd. - 56. Gattung Agrias Dbl. [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 569-576 (1 May) [general; ecology; behavior; life histories; new subspecies: *A. claudia plausibilis*, *A. amydon tryphon*, *A. a. ozora*; Neotropics]
- 1916l. *Anaea chaeronea corita* Fruhst. *Societas entomologica* 31(6): 26 (26 May) [general; Central and South America]
- 1916m. 55. Gattung: Prepona Bsd. - 56. Gattung Agrias Dbl. [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 577 (31 May), pls. 111-113, 113B, 114-115. [general; ecology; behavior; life histories; new subspecies: *A. hewitsonius pherenice*; Neotropics]
- 1916n. Eine neue *Morphorasse* aus Südbrasilien. *Societas entomologica* 31(8): 38-39 (21 July) [general; *M. anaxibia calliphon*]
- 1916o. Beiträge zur Kenntnis der Gattung *Didonis*. *Archiv für Naturgeschichte* (A)81(12): 1-2, 1 pl. (August) [general]
- 1916p. *Vila*, eine anatomische Wundergattung. *Archiv für Naturgeschichte* (A)81(12): 3-5, 1 pl. (August) [general]
- 1916q. Neue *Catagramma*-Rassen. *Entomologische Zeitschrift* 30(15): 58 (14 October) [general; *C. codomannus vindex*, *C. sorana callaecia*; Brazil, Bolivia]
- 1916r. Eine neue *Opsiphanes*-Rasse. *Societas entomologica* 31(12): 59 (10 November) [*O. catharinae gainas*; Brazil]
1917. Zwei neue *Opsiphanes*-Rassen. *Entomologische Rundschau* 34(13): 55-56 (21 December) [general; *O. batea euchlaena*, *O. amphirhoe spintanus*; Brazil]
- Fu, Jinxin, Beom-Jin Yoon, Jung Ok Park and Mohan Srinivasarao**
2017. Imaging optical scattering of butterfly wing scales with a microscope. *Interface Focus* 7(4)(20170016): 1-8, 6 figs. (6 August; published online 16 June) [*Morpho rhetenor* (Cramer), *M. cypris* Westwood; morphology]
- Fu, Yulan**
2016. See Tippets, C. A. et al., 2016.
- Fuchs, Rudolph Wilhelm von** [? - 1955]
1954. Tagfalter (Lep. Rhopal.). *Beiträge zur Fauna Perus* 4: 83-84 ([10 December]) [general; new taxa: *Papilio archidamas* variety *peruanus*, *Teriocolias yauta*, *Danaus gilippus* variety *roedingeri*, *D. g.* variety *icensis*, *Argyrophorus picota*, *Lymanopoda siviae*]
- Fuentes, Adriana**
2006. See Santos, D. et al., 2006.
- Fuentes, Enrique**
1981. Más información sobre la monarca. *Boletín informativo. Sociedad mexicana de Lepidopterología* 7(3): 10-12 (July-September) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Fuentes, Rodrigo**
1973. Dípteros parásitos de larvas de lepidópteros en algunos municipios del Valle del Cauca. *Acta agrónomica* (Palмира) 23(1/2): 7-50, 9 pls., 7 tabs. [*Eudamus proteus* (Linnaeus), *Caligo* sp., *Opsiphanes* sp.; Colombia]
- Fuentes-Contreras, Eduardo** [1969- ]
2002. See Niemeyer, H. M. et al., 2002.
- Fuessly, Johan Caspar** [1743-1786]
1782. *Papilio celtis*, 3 pp., 1 pl. In: 1781-1786, *Archiv der Insectengeschichte*. Zürich & Winterthur, Author & Heinrich Steiner und Comp. Heft 2 [*Papilio carinenta* Cramer; Surinam]
- Fuhro, Daniela, Aldo Mellender de Araújo and Bruno Edgar Irgang**
2010. Are there evidences of a complex mimicry system among *Asclepias curassavica* (Apocynaceae), *Epidendrum fulgens* (Orchidaceae), abd *Lantana camara* (Verbenaceae) in Southern Brazil? *Revista brasileira de Botânica* (São Paulo) 33(4):589-598, 9 figs., 4 tabs. (December) [general; behavior; Brazil]
- Fujii, Yasuhiro**
2002. See Kinoshita, S., S. Yoshioka, Y. Fujii et al., 2002.
- Fujita, H.**
2014. See Yoshioka, S. et al., 2014.
- Fukuda, Haruo**
1985. Satyridae (Rhopalocera) feeding on Selaginellaceae, which have already been found in Panama [In Japanese]. *Yadoriga* 119/120: 1-7, 6 figs. (10 March) [general]
2007. See Shinkawa, T. et al., 2007.
- Fulda, Oskar** [? - 1945]
1926. Sammelreise nach Kuba. *Insekten-Börse* 43(5): 18 (1 March), (6): 22 (15 March), (7): 26 (1 April), (8): 30 (15 April), (9): 34 (1 May), (11): 43-44 (1 June) (15): 62-63 (16 July) [general]
1928. Tagebuchblätter. *Societas entomologica* 43(1): 1-3 (1 January), (2): 8 (1 February), (3): 12 (1 March), (5): 19-20 (1 May), (6): 24 (1 June), (7): 27-28 (1 July), (8): 31-32 (1 August), (9): 34-36 (1 September) [general; West Indies, Venezuela, Guyana, Surinam]
1929. Reisebrief an die Internationale Entomologische Zeitschrift. *Internationale Entomologische Zeitschrift* 23(18): 218-220 (8 August), (19): 221-223 (15 August), (20): 237-242 (22 August), (22): 270-272 (8 September), (23): 282-283 (15 September) [general; West Indies; Colombia]
1930. Sammelreise quer durch Mexico. *Societas entomologica* 45(1): 2-4 (1 January), (2): 5 (1 February), (3): 11 (1 March), (5): 22-24 (1 May), (6): 26-28 (1 June), (8): 35-36 (1 August), (9): 40 (1 September), (10): 43-44 (1 October), (11): 48 (1 November), (12): 51-52 (1 December) [general]
- 1931a. Sammelreise quer durch Mexico. *Entomologische Rundschau* 48(2): 22-24 (15 January), (4): 40-41 (15 February), (5): 51-53 (1 March), (7): 76-79 (1 April), (9): 98-101 (1 May) [general]
- 1931b. Sammeln in Haiti. *Entomologische Rundschau* 48(16): 169-170 (15 August), (17): 176-179 (1 September), (18): 194-196 (15 September) [general]
- Fullard, James Howard** [1952-2010]
1993. See Yack, J. E. & J. H. Fullard, 1993.
- 2000a. See Yack, J. E. & J. H. Fullard, 2000.
- 2000b. See Yack, J. E. et al., 2000.
- Fullard, James Howard, Luis Daniel Otero, Andrés Miguel Orellana and Annemarie Surlykke**
2000. Auditory sensitivity and diel flight activity in Neotropical Lepidoptera. *Annals of the entomological Society of America* 93(4): 956-965, 7 figs., 1 tab. (July) [*Anthanassa* sp., *Danaus plexippus* (Linnaeus), *D. eresimus* (Cramer), *Eurema* sp.; Venezuela]
- Fulton, Macdonald**
1967. A list of Lepidoptera collected in Costa Rica. *Revista de Biología Tropical* (San José) 14(2): 287-292 ("1966", April 1967) [general]
- Funakawa, Masami**
1996. See Tabata, H. et al., 1996.
- Funaro, Colin F.**
2012. See Russell, J. A. et al., 2012.
- Furieri, Karina Schmidt**

2008. See Azevedo, C. O. et al., 2008.

**Fursov, Viktor N.**

2019. See Woelke, J. B. et al., 2019.

**Furtado, Eurides**

1984. Contribuição ao conhecimento dos Lepidoptera brasileiros - I. Biologia de *Agrias amydon ferdinandi* Fruhstorfer (Nymphalidae, Charaxinae). *Revista brasileira de Entomologia* (São Paulo) 28(3): 289-294, 10 figs. (31 October) [egg, larva, pupa, imago; host plant]

1999. See Hall, J. P. W. & E. Furtado, 1999.

2000a. *Morpho deidamia* Hübner e seus estágios imaturos (Lepidoptera, Nymphalidae, Morphinae). *Lambillionea* 100(3)(2): 494-498, 10 figs. (September) [egg, larva, pupa; host plant; Brazil]

2000b. A hybrid between *Agrias amydon* and *Prepona "omphale" rhenea* (Lepidoptera, Nymphalidae, Charaxinae). *Lambillionea* 100(4)(1): 550-554, 9 figs., 1 tab. (December) [host plant; Brazil]

2001a. *Prepona pheridamas pheridamas* (Cramer) e seus estágios imaturos (Lepidoptera, Nymphalidae, Charaxinae). *Revista brasileira de Zoologia* 18(3): 689-694, 10 figs. (30 September) [egg, larva, pupa, imago; host plant; behavior; Brazil]

2001b. *Pirascca crocostigma* (Bates, 1868): Notas etológicas e descrição da fêmea (Lepidoptera, Riodinidae). *Lambillionea* 101(4)(2): 638-640, 5 figs. (December) [Brazil]

2008a. Intergeneric hybridism between *Prepona* and *Agrias* (Lepidoptera: Nymphalidae, Charaxinae). *Tropical Lepidoptera Research* 18(1): 5-6, 8 figs. (1 June) [general; Peru, Brazil]

2008b. *Protesilaus orthosilaus* and its immature stages (Lepidoptera: Papilionidae, Papilioninae). *Tropical Lepidoptera Research* 18(1): 7-8, 10 figs. (1 June) [egg, larva, pupa, imago; host plant; Brazil]

**Furtado, Eurides, and Fernando Corrêa Campos-Neto**

2004. *Caligopsis seleucida* (Hewitson) e seus estágios imaturos (Lepidoptera, Nymphalidae, Brassolinae). *Revista brasileira de Zoologia* 21(3): 593-597, 12 figs. (30 September) [egg, larva, pupa, imago; host plants; Brazil]

**Furtos, Alexandra**

2019. See McClure, M. et al., 2019b.

**Futada, Silvia de Melo**

2006. See Almeida, A. M. de et al., 2006.

**Futter, Ellen Victoria** [1949- ]

2015. See Peale, T. R. et al., 2015.

**Futuyma, Douglas Joel** [1942- ]

1983a. *Evolutionary interactions among herbivorous insects and plants*, pp. 207-231. In: Futuyma, D. G. & M. Slatkin (Eds.), *Coevolution*. Sunderland, Sinauer Associates, Inc. [general]

1983b. See Mitter, C. & D. J. Futuyma, 1983.

**Futuyma, Douglas Joel, and Montgomery Slatkin**

1983. *Introduction*, pp. 1-13. In: Futuyma, D. G. & M. Slatkin (Eds.), *Coevolution*. Sunderland, Sinauer Associates, Inc. [*Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus); biogeography]

# G

## Gaal, Sabine

1997. See Lödl, M. et al., 1997.

## Gaal, Sabine, and Astrid Keber

1996. *Die Schmetterlingsgattungen Morpho und Heliconius in Costa Rica*, pp. 77-79, figs. 102-107. In: Sehnal, P. & H. Zettel, *Esquinas-Nationalpark. Der Regenwald der Österreicher in Costa Rica*. Wien, Naturhistorisches Museum. [general; host plants; behavior]

## Gaal, Sabine, Astrid Keber and Martin Lödl

1997. Holzinger *Heliconius* collection to Museum of Natural History, Vienna, Austria (Lepidoptera: Nymphalidae: Heliconiinae). *Tropical Lepidoptera* 8(1): 47-48, 4 figs. (5 September) [general]

## Gabaldón, Margreg Carolain

2017. See Pycrz, T. W. et al., 2017.

## Gabardo, José Carlos

1966. See Vernalha, M. M. et al., 1966.

## Gabriel, Alfred George [1884-1968]

1924. See Riley, N. D. & A. G. Gabriel, 1924.

1925. See Riley, N. D. & A. G. Gabriel, 1925.

1927. *Catalogue of the type specimens of Lepidoptera Rhopalocera in the British Museum. Part III. Nymphalidae*. London, Trustees of the British Museum. 128 pp. [general; Neotropics]

1932. *Catalogue of the type specimens of Lepidoptera Rhopalocera in the Hill Museum*. London, John Bale, Sons & Danielsson, Ltd. 40 pp. (June) [general; Neotropics]

1939. See Brown, F. M. & A. G. Gabriel, 1939.

1940. See Brown, F. M. et al., 1940.

[1944?]. *Uncle Dan's book about butterflies*. London, D. Harper & Co., Ltd. 46 pp., figs. [*Caligo prometheus* (Kollar), *Argyrophorus argenteus* Blanchard]

## Gabriel, Dalva

1986. See Paschoal, I. et al., 1986.

## Gadbin, Claude

[1973]. L'ethnoentomologie. *Cahiers de Liaison de l'Office pour l'Éco-Entomologie* [8]7": 15-[19], 8 figs. [*Papilio daunus* Boisduval; Mexico]

## Gadea-Rivas, Arnoldo

2017. See Castro, O. et al., 2017.

## Gadeau de Kerville, Henri [1858-1940]

1883. Papillons de l'Amérique méridionale. Les Haëtères. *La Nature* (Paris) 11(1): 321-322, 1 fig. (21 April) [general; ecology; South America]

## Gaede, Max [1871-1946]

1931. Familia Satyridae. *Lepidopterorum Catalogus* 43: 1-320 (16 April); 46: 321-544 (10 August); 48: 545-759 (25 November) [general]

## Gaedike, Reinhard

2001. See Taeger, A. & R. Gaedike, 2001.

## Gänger, Stefanie

2014. Of butterflies, Chinese shoes and antiquities: A history of Peru's National Museum, 1826-1881. *Jahrbuch für Geschichte Lateinamerikas* 51: 283-301 (published online 18 December) [general]

## Gagarin, Paulo [1885-1980]

1936a. Duas fêmeas desconhecidas de Erycinidae do Brasil (Lep.). *Revista de Entomologia* (Rio de Janeiro) 6(2): 306 (15 July) [*Eucora sanarita* Schaus, *Pterographium aphaniodes* Stichel]

1936b. Novos lepidópteros brasileiros. *Revista syniátrica* (Rio de Janeiro) 29(1/2): 9 pp., 3 figs. [with introductory remarks by A. Nascimento] [*Ristia* (new genus) *tigrina*]

## Gage, Stuart H.

1995. See Scriber, J. M. & S. H. Gage, 1995.

## Gaglianone, Maria Cristina

2009. See Benevides, C. R. et al., 2009.

## Gahan, Arthur Burton [1880-1960]

1932. Miscellaneous descriptions and notes on parasitic Hymenoptera. *Annals of the entomological Society of America* 25(4): 736-757 (15 December) [*Eudamus proteus* (Linnaeus); Cuba, St. Vincent]

1943a. A new encyrtid parasitic in the eggs of Hesperidae. *Journal of Agriculture of the University of Puerto Rico* 27(3): 137-139 (July) [*Prenes* sp.; Puerto Rico]

1943b. Revisions of two genera of chalcid-flies belonging to the family Eupelmidae from North and South America. *Proceedings of the United States national Museum* 94(3173): 339-369 (26 November) [*Brassolis astyra* Godart; parasitoid; Brazil]

## Gajon, Carlos

1946. *Cultivo del naranjo y otras auranciáceas*. México, Bartolomé Trucco. 225 pp., 67 figs. [Ed. 2] [*Papilio turnus* Linnaeus, *P. alexiares* Hopffer; larvae; Mexico]

## Gál, Imre János

1982. See Mészáros, Z. & I. J. Gál, 1982.

## Galán, Carlos

1992. See Vilorio, Á. L. et al., 1992.

## Galán, Yesenia

2017. See Pino, J. M. et al., 2017.

## Galante, Eduardo

2011. See Prieto, C. H. et al., 2011.

## Galdo, Manuel María José de [1825-1895]

1856. *Los tres reinos de la naturaleza. Museo pintoresco de historia natural. Descripción completa de los animales, vegetales y minerales útiles y agradables; su forma, instinto, costumbres, virtudes ó aplicaciones á la agricultura, la medicina, y las artes en general, comprendiendo mayor número de géneros que en todas las obras publicadas hasta et día, con un tratado de geología, ó teorfas actuales sobre la formacion y revoluciones del globo, y un bosquejo historico de los progresos de las ciencias naturales en general y en España: Obra arreglada sobre los trabajos de los mas eminentes naturalistas de todos los paises, Buffon, Blanchard, Boitard, Brongniard, Cavanilles, los Cuvier, Daubenton, de Candolle, Humboldt, los Jussieu, Lacepede, Lagasca, Lamarck, Latreille, Lesson, Linneo, D'Orbigny, Rousseau, Saint Hilaire, Saint Pierre, Virey, Werner, etc. Con todos los descubrimientos posteriores hasta el día, bajo la direccion de M. M. J. de Galdo, é ilustrada con una magnífica y numerosa coleccion de láminas en vista del natural, y los planos del Gabinete de Historia Natural y del Jardín Botánico de Madrid. Tomo VI. Zoología. Madrid, Gaspar y Roig. 708 + [1] pp., 83 pls. [general; Neotropics]*

## Gale, Michael

1989. Diffraction, beauty and commerce. *Physics World* 2: 24-28, 7 figs. (October) [*Morpho*; morphology]

## Galetti, Mauro

2018. See Santos, J. P. dos et al., 2018.  
 2019. See Santos, J. P. dos et al., 2019.
- Galetto, Leonardo**  
 2002. See López, H. A. & L. Galetto, 2002.  
 2013. See Nores, M. J. et al., 2013.  
 2014. See Torres, C. & L. Galetto, 2014.
- Galetto, Leonardo, and Gabriel Bernardello**  
 2003. Nectar sugar composition in angiosperms from Chaco and Patagonia (Argentina): an animal visitor's matter? *Plant Systematics and Evolution* 238(1/4): 69-86, 4 figs., 1 tab. (2 June) [general]
- Galetto, Leonardo, Gabriel Bernardello and Claudio A. Sosa**  
 1998. The relationship between floral nectar composition and visitors in *Lycium* (Solanaceae) from Argentina and Chile: what does it reflect? *Flora* (Jena) 193(3): 303-314, 13 figs., 3 tabs. (July) [general]
- Gali, Frank**  
 1983. Two new species of *Choranthus* (Hesperiidae) from Hispaniola, West Indies. *Bulletin of the Allyn Museum* 82: 1-9, 4 figs. (22 June) [*C. haitensis* Skinner, *C. melissa*, *C. schwartzi*; Haiti, República Dominicana]  
 1984. See Schwartz, A. & F. Gali, 1984.  
 1985a. Five new species of *Calisto* (Lepidoptera: Satyridae) from Hispaniola. *Contributions in Biology and Geology. Milwaukee public Museum* 63: 1-16, 12 figs. (16 December) [*C. crypta*, *C. franciscoi*, *C. hendersoni*, *C. schwartzi*, *C. raburni*; República Dominicana]  
 1985b. See Schwartz, A. et al., 1985.
- Gali, Frank, and Albert Schwartz**  
 1983a. *Myscelia antholia* (Nymphalidae) in the Republica Dominicana. *Journal of the Lepidopterists' Society* 37(2): 164-165 (6 September)  
 1983b. The second specimen of *Epargyreus spanna* (Hesperiidae). *Journal of the Lepidopterists' Society* 37(2): 170-171, 1 fig. (6 September) [República Dominicana]  
 1983c. *Battus zetides* in the Republica Dominicana. *Journal of the Lepidopterists' Society* 37(2): 171-174, 1 fig. (6 September)
- Galicia, Ivette, Víctor Sánchez and Carlos Rafael Cordero**  
 2008. On the function of signa, a genital trait of female Lepidoptera. *Annals of the entomological Society of America* 101(4): 786-793, 4 figs., 1 tab. (July) [*Callophrys xami* (Reakirt), *Eueides isabella* (Cramer), *E. lineata* Salvin & Godman, *Heliconius ismenius* Latreille; Mexico]
- Galindo, Carlos**  
 2005. See Rendón, E. et al., 2005.
- Galindo, Carlos, and Eduardo Rendón**  
 2005. Danaidas: Las maravillosas mariposas Monarca. *Publicación especial WWF México-Telcel* 1: 1-82, 34 figs., 1 tab. (April) [*Danaus plexippus* (Linnaeus); Mexico]
- Gall, Lawrence Frederick** [1956- ]  
 1986. The Biology of Butterflies (Symposium of the Royal Entomological Society of London, Number 11). R. I. Vane-Wright and P. R. Ackery, Eds. Academic Press, London, 1984. *Atala* 13(2): 12-15 (October) [also in *Journal of Research on the Lepidoptera* 25(2): 149-155 (21 May 1987)] [book review; general]  
 1992. Simon & Schuster's Guide to Butterflies and Moths, by Mauro Daccordi, Paolo Triberti, and Adriano Zanetti. 1988. *Journal of the Lepidopterists' Society* 46(3): 242-243 (10 November) [general; book review]  
 2012. See Oliver, J. C. et al., 2012.
- Gallant, Jason Raymond**  
 2013. See Kronforst, M. R. et al., 2013.
- Gallant, Jason Raymond, Vance E. Imhoff, Arnaud Martin, Wesley K. Savage, Nicola L. Chamberlain, Ben L. Pote, Chelsea Peterson, Gabriella E. Smith, Benjamin Evans, Robert D. Reed, Marcus R. Kronforst and Sean P. Mullen**  
 2014. Ancient homology underlies adaptive mimetic diversity across butterflies. *Nature Communications* 5(4817): 1-10, 6 figs. (8 September) [*Heliconius*; evolution; Costa Rica, Ecuador]
- Gallard, Jean-Yves** [1943- ]  
 1991a. A propos des espèces opalescentes du genre *Euselasia* en Guyane Française. Description de la ♀ de *Euselasia fourmiera* Lathy 1924 (Lepidoptera Riodinidae). *Bulletin de la Société Sciences Nat* 69: 17-18, pl. 4, figs. 1-3 (30 April)  
 1991b. Papillons. Un site exceptionnelle... et malheureusement menacé. *Le Pou d'Agouti* (Saint-Laurent du Maroni) 4: 26-29, 2 figs. (April-June) [Riodinidae; French Guiana]  
 1992. See Brévignon, C. & J.-Y. Gallard, 1992.  
 1993. See Brévignon, C. & J.-Y. Gallard, 1993.  
 1994a. A propos du mont Grand Matoury ou, tous ces sommets de collines que l'on rase... -Avis d'un entomologiste de terrain-. *Le Pou d'Agouti* (Saint-Laurent du Maroni) 12: 14-15, 1 fig. (March-May) [general; behavior; French Guiana]  
 1994b. A sauver rapidement. *Le Pou d'Agouti* (Saint-Laurent du Maroni) 13: 18-19, 1 fig. (July-September) [*Parides neophilus* (Geyer); conservation; French Guiana]  
 1995. See Brévignon, C. & J.-Y. Gallard, 1995.  
 1996a. Trois nouveaux Riodinidae de Guyane Française (Lepidoptera). *Lambillionea* 96(centenaire): 43-46, 14 figs. (February) [*Theope guillaumei*, *Mesosemia minutula*, *Parnes brevignoni*]  
 1996b. Quelques remarques et corrections a propos de *Butterflies of the neotropical region, part VI, Riodinidae*, de Bernard d'Abrera. *Bulletin des Lépidoptéristes parisiens* 9: 13-18 (after 3 April) [general]  
 1997a. See Brévignon, C. & J.-Y. Gallard, 1997a.  
 1997b. See Brévignon, C. & J.-Y. Gallard, 1997b.  
 1998a. See Brévignon, C. & J.-Y. Gallard, 1998a.  
 1998b. See Brévignon, C. & J.-Y. Gallard, 1998b.  
 1998c. See Brévignon, C. & J.-Y. Gallard, 1998c.  
 1999a. See Brévignon, C. & J.-Y. Gallard, 1999a.  
 1999b. See Brévignon, C. & J.-Y. Gallard, 1999b.  
 1999c. B. D'Abrera. Butterflies of the Neotropical Region. Part VI, Riodinidae. 1994. *Boletín científico. Museo de historia natural. Universidad de Caldas* 3: 103-105 (September) [general; book review]  
 2002. Description d'une nouvelle espèce de *Theope* amazonien et de sa sous-espèce guyanaise (Lepidoptera: Riodinidae, Nymphidiini). *Lambillionea* 102(4)(1): 463-468, 8 figs. (December) [*T. fayneli*, *T. f. minimus*; French Guiana]  
 2006. Deux nouveaux Riodinidae de Guyane française (Lepidoptera). *Lambillionea* 106(1): 26-28, 10 figs. (March) [*Euselasia fayneli*, *Theope minialba*]  
 2008a. *Les Symmachia de Guyane française (Lepidoptera: Riodinidae; Symmachiiini). Révision, synonymies, descriptions d'espèces et sous-espèces nouvelles. Notes de terrain*, pp. 27-43, 2 pls., 8 figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 3. Rhopalocères* 2. Paris, Association des Lépidoptéristes de France (September) [new taxa: *S. estellina*, *S. rosanti*, *S. stigmatissima eddyi*, *S. basilissa brevignoni*]  
 2008b. Riodinidae de Guyane Française. Trois espèces et trois [sic] sous-espèces nouvelles (Lepidoptera). *Lambillionea* 108(4)(1): 441-454, 3 pls., 2 figs. (December) [*Lasaia lalannei*, *Nymphidium hermieri*, *N. colleti*, *Detritivora smalli harveyi*, *Emesis castigata diringeri*, *Argyrogrammana iracyi saulensis*, *A. i. tunari*; Bolivia]  
 2009. See Brévignon, C. & J.-Y. Gallard, 2009.

2013. Révision du complexe *Euselasia eucritus* (Lepidoptera, Riodinidae). *Bulletin de la Société entomologique de France* 118(2): 215-222, 14 figs. ([14] June) [new species: *E. arpi*; South America]
2014. *Euselasia*: nouveau taxa du bouclier guyanais (Lepidoptera, Riodinidae, Euselasiini). *Bulletin de la Société entomologique de France* 119(1): 7-14, 14 figs. ([11] March) [*E. descherrei*, *E. venezolana jauffreti*; French Guiana, Venezuela, Brazil]
2015. Une nouvelle espèce du genre *Mesosemia* de Guyane française (Lepidoptera, Riodinidae, Mesosemiini). *Bulletin de la Société entomologique de France* 120(1): 75-78, 12 figs. ([17] March) [*M. exilinea*]
- 2017a. *Les Riodinidae de Guyane*. [Paris], Author. 191 pp., 33 + 34 pls., [5] + 33 + [2] figs., 1 map (August) [general; new taxa: *Sarota psaros punctinegris*, *Esthemopsis teras thouvenoti*, *Argyrogrammana francozi*, *Emesis neemias cayennensis*, *E. tenedia guyanensis*, *Rodinia justinia*; Peru, Brazil]
- 2017b. See Costa, M. et al., 2017.
- Gallard, Jean-Yves, and Stéphane Attal**
2009. Deux nouveaux *Symmachia* (Lepidoptera, Riodinidae, Symmachiini). *Lambillionea* 109(2): 165-169, figs. (June) [*S. poirieri*, *S. aureus*; French Guiana, Ecuador]
- Gallard, Jean-Yves, and Christian Brévignon**
- 1989a. Description d'un *Mesosemia* nouveau de Guyane Française (Lepidoptera Riodinidae). *Bulletin de la Société Sciences Nat* 62: 12-13, figs. 1-2 (30 June) [*M. esmeralda*]
- 1989b. Description de nouveaux Riodinidae provenant de Guyane Française (Lepidoptera). *Bulletin de la Société Sciences Nat* 63: 4-6, 16 figs. (15 November) [*Zelotaea alba*, *Nymphidium fulminans guyanensis*, *Anteros aurigans*, *Theope galionicus*; behavior]
1996. *Mesosemia bari* D'Abrebra synonyme de *Mesosemia esmeralda* Gallard & Brévignon. *Lambillionea* 96(1)(1): 107 (April) [French Guiana]
- Gallard, Jean-Yves, and Serge Fernandez**
2012. Descriptions de nouveaux riodinides de Guyane française (Lepidoptera, Riodinidae, Mesosemiini et Symmachiini). *Bulletin de la Société entomologique de France* 117(2): 187-192, 5 figs. ([1] June) [new taxa: *Mesosemia messeis itoupensis*, *Pirascia mimica*]
- 2015a. Deux nouvelles espèces du genre *Alesa* découvertes en Guyane française (Lepidoptera, Riodinidae, Eurybiini). *Bulletin de la Société entomologique de France* 120(2): 135-142, 22 figs. ([17] June) [*A. beneluzi*, *A. amethystina*; Brazil]
- 2015b. *Stalachtis calliope* (Linné, 1758): deux espèces confondues en Guyane française et au Surinam (Lepidoptera, Riodinidae). *Bulletin de la Société entomologique de France* 120(3): 335-340, 18 figs. ([16] September) [Brazil]
2017. Des postes territoriaux des Riodinides en Guyane: découverte de deux nouvelles espèces (Lepidoptera; Riodinidae). *Bulletin de la Société entomologique de France* 122(4): 429-436, 7 figs. (13 December) [*Detritivora mapaou*, *Pachythone crepusculi*]
- Gallard, Jean-Yves, and Andree Salk**
2019. Réhabilitation de *Ancyluris pomposa*, découvert en Guyane (Lepidoptera, Riodinidae, Riodinini). *Bulletin de la Société entomologique de France* 124(1): 7-10, 11 figs. (March; published online 26 March) [taxonomy; French Guiana]
- Gallardo, Angel** [1867-1934]
1894. Flores é insectos. *Anales de la Sociedad científica argentina* 38(5/6): 240-263, 8 figs. (November-December) [general]
- 1907a. Observaciones sobre la metamorfosis de *Morpho catenarius* (Perry) en los alrededores de Buenos Aires. *Anales de la Sociedad científica argentina* 63(2): 52-57 (February) [larva, pupa, imago; host plant; Argentina]
- 1907b. Note sur les états préparatoires de *Morpho catenarius* Perry, aux environs de la ville de Buenos-Aires (Lep.). *Bulletin de la Société entomologique de France* 1907(5): 68-70 (24 April) [larva, pupa; host plant; Argentina]
1908. Invernada de las orugas de *Morpho catenarius* (Perry). *Anales de la Sociedad científica argentina* 64(4): 200-203 (October) [ecology; Argentina]
- Gallardo, Robert**
2019. See Nakahara, S. & R. Gallardo, 2019.
- Gallardo-Valdez, Juan**
2017. See Vázquez-Elorza, A. et al., 2017.
- Gallego, Francisco Luis** [1896-1971]
1938. Lista de los insectos que el Departamento de Entomología del establecimiento tiene en observación y que han sido determinados por Smithsonian Institution, United States National Museum, Washington, D.C. U.S.A. *Circular. Instituto agrícola nacional. Universidad nacional* (Medellín) 2: 1-36 (June) [general; host plants; Colombia]
1946. Catálogo de insectos determinados correspondientes a la orden Lepidoptera existentes en la Sección de Entomología de la Facultad Nacional de Agronomía - Medellín. Parte I. Diurnas, Rhopalocera o Achalinoptera. *Revista. Facultad nacional de Agronomía* (Medellín) 6: 294-314 (September) [general; host plants; Colombia]
1950. Estudios entomológicos. *Revista. Facultad nacional de Agronomía* (Medellín) 11(37): 57-71, 4 figs. (March) [*Eudamus proteus* (Linnaeus); life history; Colombia]
1967. Lista preliminar de insectos de importancia económica y secundarios, que afectan los principales cultivos, animales domésticos y al hombre, en Colombia. *Revista. Facultad nacional de Agronomía* (Medellín) 26(65): 32-66 (December) [general; host plants]
1969. Lista preliminar de insectos de importancia económica y secundarios, que afectan los principales cultivos, animales domésticos y al hombre, en Colombia. *Revista. Facultad nacional de Agronomía* (Medellín) 26(67): 39-52 (December) [Lycaenidae; host plants]
- Gallego, Francisco Luis, and Raúl Vélez**
1974. *Lista de insectos y algunos otros artrópodos que afectan los principales cultivos, animales domésticos y al hombre, en Colombia. Silabo para el curso de Entomología Económica*. Medellín, Universidad Nacional de Colombia, Facultad de Ciencias Agrícolas. vi + 141 pp. [general]
- Gallego, María Cristina**
2015. See Vélez, D. M. et al., 2015.
- Gallegos, Gloria**
2010. See Zúñiga, A. & G. Gallegos, 2010.
- Gallén, Olavus**
1787. [Thesis]. In: Thunberg, C. P., *Museum naturalium Academiae Upsaliensis. Dissertationes*. Upsaliae. 5: i + 59-67 (5 December) [general]
- Gallice, Geoffrey**
2018. See See, J. et al., 2018.
2019. See Baine, Q. et al., 2019.
- Gallo, Domingos** [1915- ]
1960. See Montenegro, H. W. S. et al., 1970.
1977. See Berti, E., Filho & D. Gallo, 1977.
- Gallo, Domingos, and Carlos Holger Wenzel Flechtmann**
1962. As mais importantes pragas das grandes culturas. *Boletim didático da Escola superior de Agricultura "Luiz de Queiroz"* (Piracicaba) 3: 1-144 [*Papilio thoas*]



- brasiliensis* Rothschild & Jordan, *Ascia monuste orseis* (Godart); life histories; host plants; Brazil]
- Gallo, Domingos, Octávio Nakano, Frederico Maximiliano Wiendl, Sinval Silveira, Neto and Ricardo Pereira Lima Carvalho**
1970. *Manual de Entomologia. Pragas das plantas e seu controle*. São Paulo, Editora Agronômica Ceres. xv + 858 pp., figs., tabs. [general; Brazil]
- Gallo, Mariana Centeno**
2016. See Siewert, R. R. et al., 2016a.
- Gallo, Pedro**
1989. See Jiménez, M. et al., 1989.
- Gallon, Marília Elias, Eduardo Afonso Silva-Junior, Juliano Geraldo Amaral, Norberto Peporine Lopes and Leonardo Gobbo-Neto**
2019. Natural products diversity in plant-insect interaction between *Tithonia diversifolia* (Asteraceae) and *Chlosyne lacinia* (Nymphalidae). *Molecules* (Basel) 24(3118): 1-16, 5 figs., 2 tabs. (28 August) [host plant; Brazil]
- Gallozzi, Rubén**
2011. See Calvache, H. H. et al., 2011.
- Gallusser, Stéphanie**
- 2014a. See Blandin, P. et al., 2014b.
- 2014b. See Ramírez, C. et al., 2014.
- Gallusser, Stéphanie, Roberto Guadagnuolo and Martine Rahier**
2004. Genetic (RAPD) diversity between *Oleria onega agarista* and *Oleria onega* ssp. (Ithomiinae, Nymphalidae, Lepidoptera) in north-eastern Peru. *Genetica* 121(1): 65-74, 4 figs., 3 tabs. (May) [ecology; behavior]
- Gallusser, Stéphanie, César Ramírez and Patrick Blandin**
2010. Observaciones sobre el desarrollo y polimorfismo de *Morpho (Iphimedea) telemachus* (Linnaeus, 1758) en el noreste peruano (Lepidoptera, Nymphalidae, Morphinae). *Bulletin de la Société entomologique de France* 115(1): 5-15, 13 figs., 4 tabs. ([25] March) [egg, larva, pupa, imago; host plant; behavior; Peru]
- Galtier, Nicolas**
2019. See Pinharanda, A. L. et al., 2019.
- Galvão, Dario Monteiro**
1968. See Silva, A. G. d'A. e et al., 1968.
- Gálvez, Erick Adrián**
2012. See Niño-Maldonado, S. et al., 2012.
- Gálvez, Erick Adrián, Santiago Niño-Maldonado, Uriel Jeshúa Sánchez-Reyes and Eva Ivette de León**
2013. Ampliación de la distribución de *Morpho helenor montezuma* Guenée, 1859 (Lepidoptera: Nymphalidae) en Tamaulipas, México. *Acta zoológica mexicana* (N. S.) 29(1): 245-247 (April)
- Gamboa, Annie Simpson de**
1987. See Mallet, J. L. B. et al., 1987.
- Gámez, Juan Andrés**
2013. See Sermeño, J. M. et al., 2013.
- Gandara, Flávio Bertin**
1998. See Piratelli, A. J. et al., 1998.
- Gandarilla, José**
2008. See Escandón, M. C. & J. Gandarilla, 2008.
- Gandarillas, Antonio**
2013. See Saravia, R. et al., 2013.
- Gandhimathi, Arumugam**
2018. See Deshmukh, R. et al., 2018.
- Gandolfo, Daniel E. [1956-2006]**
2000. See Medal, J. C. et al., 2000.
2002. See Olckers, T. et al., 2002.
- Gannes, Charles de**
2002. Rare butterfly (*Helicopsis endemyon* [sic] *elegans*) seen after 70 years. *Living World* 2002: 58 (November) [Trinidad]
- Gantes, Marcel Lucas, Daiane Silveira Carrasco and Fernando D'Incao**
2013. First record of Lepidoptera in Southern Brazilian salt marshes. *EntomoBrasilis* 6(2): 160-161, 1 fig. (August) [misidentified taxa: *Agraulis vanillae incarnata* (Riley), *Papilio cresphontes* (Cramer), *Eurema deva* (Doubleday)]
- Gantier, Jean-Charles**
1999. See Maes, J.-M. et al., 1999.
- Gantiva, Carlos Hernán**
2014. See Sánchez, Á. P. & C. H. Gantiva, 2014.
- Gao, Bingbing**
2017. See Elbaz, A. et al., 2017.
2018. See Elbaz, A. et al., 2018.
- Gao, Xuefeng**
2007. See Zheng, Y. et al., 2007.
- Gaona, Fernando Polibio**
2016. See Brehm, G. et al., 2016.
- Gara, Robert I., and Giovanni Onore**
1989. *Entomología forestal*. Quito, Ministerio de Agricultura y Ganadería. viii + 267 pp., figs. [general; host plants; Ecuador]
- Gárate, Francisco**
2012. See Briones, R. et al., 2012.
- Garau, Ana María**
2006. See Mareggiani, G. S. & A. M. Garau, 2006.
- Garay, Ernesto, and Alfredo Rueda**
2007. Comparación agroeconómica de dos sistemas de manejo de *Plutella xylostella* (L.) en repollo en Estelí, Nicaragua. *Ceiba* 48(1/2): 83-87, 1 fig., 1 tab. (December) [*Leptophobia aripa* (Boisduval); host plant]
- Garayar, Héctor, and Ricardo Rodríguez**
1970. Importancia y cultivo del maracuyá. *Hoja agrícola. Sociedad nacional agraria* (Lima) 33(1): 4-5 (January-February) [also in *Boletín informativo. Asociación de Agricultores y Ganaderos del Valle de Jaquetepaque* (Guadalupe, Peru) 38: 16-19] [*Dione juno* (Cramer); Peru]
- Garbe, Ernest Wilhelm [1853-1925]**
1926. Relatorio do naturalista viajante. *Revista do Museu paulista* 14: 711-720 (10 January) [*Papilio hahneli* Staudinger; Brazil]
- Garbin, Lucas**
2003. See Valladares, G. R. et al., 2003.
- Garcés, Alma Rosa**
1983. See Llorente, J. E. & A. R. Garcés, 1983.
1986. See Llorente, J. E. et al., 1986.
- Garcés, Gabriel**
2002. See Fernández, J. L. et al., 2002.
2010. See Lauranzón, B. et al., 2010.
- Garcés, Jesús**
2010. See Frago, E. et al., 2010.
- Garcés, Jorge Eliécer**
1995. *Entomofauna común del Páramo de Belmira y Santa Inés*. Medellín, Inderena. 25 pp., 4 figs., 13 tabs. [general; Colombia]
- Garcete, Bolívar**
1996. See Kochalka, J. A. et al., 1996.
- García, Águeda**
- 2013a. See Ramos, B. et al., 2013a.
- 2013b. See Ramos, B. et al., 2013b.
- García, Carlos**
1988. See Soberón, J. et al., 1988.
- García, Celso**
1974. Primer catálogo de insectos fitófagos de México. *Fitófilo* 27(69): 1-176 (December) [general; host plants]

1978. Lista de insectos y ácaros perjudiciales a los cultivos en México. *Fitófilo* 30(73): 1-167 (August) [general; host plants]
- García, D. A.**  
2019. See Sermeño, J. M. et al., 2019.
- García, Eligio**  
1996. Especies endémicas, raras, amenazadas, sujetas a protección especial y en peligro de extinción en la Reserva Especial de la Biosfera "Mariposa Monarca". *Ciencia Nicolaita* (Morelia) 12: 75-82, 1 tab., 2 maps (August) [*Danaus plexippus* (Linnaeus); Mexico]  
2004a. See Brower, L. P. et al., 2004.  
2004b. See Solís, R. et al., 2004.  
2015. See Shahani, P. C. et al., 2015.  
2019. See Saunders, S. P. et al., 2019.
- García, Eligio, Jaime Lobato and Blanca Xiomara Mora**  
2004. Locations and area occupied by monarch butterflies overwintering in Mexico from 1993 to 2002, pp. 129-133, 2 figs., 1 tab. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- García, Eligio, and Blanca Xiomara Mora**  
1999. Monitoreo de las colonias de mariposas monarca en los sitios de invernación en México, pp. 177-182, 5 tabs. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation]
- García, Enrique**  
1956. La chirimoya (*Annona cherimola* Mill.). *Circular. Estación experimental agrícola de La Molina* (Lima) 71: 1-26, 12 figs., 2 tabs. (December) [also in *Técnica agropecuaria* (Lima) 2(8): 58-64] [*Thecla* sp.; Peru]
- García, Enriqueta**  
1997. Climatología de la zona de hibernación de la mariposa monarca en la Sierra Transvolcánica de México, invierno 1991-1992. *Serie varia. Instituto de Geografía. Universidad nacional autónoma de México* 16: 5-26, 4 figs., 5 tabs., 6 maps [*Danaus plexippus* (Linnaeus)]
- García, Flávio Roberto Mello**  
2012. See Lovatto, P. B. et al., 2012.  
2013. See Silva, J. M. et al., 2013.  
2017. See Silva, J. M. et al., 2017b.  
2019a. See Salgado-Neto, G. et al., 2019.  
2019b. See Silva, J. M. et al., 2019.
- García, Fulvia**  
1976a. See Posada, L. & F. García, 1976.  
1976b. See Posada, L. et al., 1976.  
1987. See Saldarriaga, A. et al., 1987.
- García, Fulvia, and Jaime Ignacio Pulido**  
1991. Cambiar de manejo. *Notas y Noticias entomológicas* (Bogotá) 1991(3/4): 22 (18 June) [*Thecla* sp.; host plant; Colombia]
- García, Fulvia, Jaime Ignacio Pulido and Guillermo Adolfo León**  
1989. Por mal manejo. *Notas y Noticias entomológicas* 1989(5/6): 46 (9 September) [*Thecla* sp.; host plant; Colombia]
- García, Fulvia, Alberto Serrano and Jaime Ignacio Pulido**  
1992. Mariposas amarillas. *Notas y Noticias entomológicas* (Bogotá) 1992(7/8): 49 (15 October) [Pieridae; host plant; Colombia]
- García, Gabriela**  
2003. See Ochoa, L. et al., 2003.
- García, Godofredo**  
1963. Principales plagas que atacan al cultivo de arroz en Yurimaguas. *Divulgaciones agropecuarias. Servicio de Investigación y Promoción agraria. Ministerio de Agricultura* (Lima) 42: 1-6 (March) [Prenes ares Felder; Peru]
- García, Irmin**  
2017. See García, J. et al., 2017.
- García, Israel**  
1965. See Zayas, F. A. de & I. García, 1965.
- García, Ivone Paschoal**  
1986. See Bergmann, E. C. et al., 1986.
- García, Ivone Paschoal, and Eliana Cherubini Bergmann**  
1995. Borboletas da Ilha de São Luís (MA). *O Biológico* 56(1/2): 37-38, 1 tab. (after March) [general; Brazil]
- García, Ivone Paschoal, Eliana Cherubini Bergmann and Sandra Maria Rodrigues Netto**  
1990. Diversidade mensal de borboletas na Ilha de São Luís (MA). *Arquivos do Instituto biológico* (São Paulo) 57(1/2): 39-44, 1 fig., 4 tabs. [general; Brazil]
- García, Jack Fran Armengot**  
2008. Diagnóstico ambiental del relleno sanitario Praderas del Magdalena, Girardot (Cundinamarca) empleando mariposas (Lepidoptera: Papilionoidea y Hesperioidea) como indicador de tipo y calidad de hábitat. *Revista Tumbaga* 1(3): 92-108, 4 figs., 5 tabs. [general; Colombia]  
2010. See Ospina, L. A. et al., 2010.  
2012. Preliminary inventory and diversity of the butterflies present in different areas of cultivation of the Center Research Corpoica Nataima (Tolima-Colombia). *Open Access scientific Reports* 1(10)(466): [1]-[5], 9 figs., 1 tab. (30 October) [general]  
2013a. Mariposas (Lepidoptera: Papilionoidea y Hesperioidea) del Centro de Investigación Nataima (Tolima-Colombia). *Scientia agroalimentaria* (Ibague) 1: 11-18, 12 figs., 1 tab. (April) [general]  
2013b. Densidad y diversidad de artrópodos terrestres en el área de interés paisajístico "Alonso Vera" (Girardot – Cundinamarca). *Ciencias agropecuarias* (Fusagasugá) 1(1): 72-84, 1 fig., 4 tabs. (December) [general; Colombia]
- García, Jack Fran Armengot, Leonardo Alberto Ospina, Francisco Antonio Villa and Gladys Reinoso**  
2007. Diversidad y distribución de mariposas Satyrinae (Lepidoptera: Nymphalidae) en la cuenca del Río Coello, Colombia. *Revista de Biología tropical* 55(2): 645-653, 4 figs., 2 tabs. (29 June) [general]
- García, Jesús**  
2015. See Meléndez-Jaramillo, E. et al., 2015.  
2016. See Meléndez-Jaramillo, E. et al., 2016.  
2017. See Meléndez-Jaramillo, E. et al., 2017.
- García, Jesús, Moisés Armando Luis, Irmin García and Jorge Enrique Llorente**  
2017. Una nueva subespecie de *Prepona brooksiana* Godman & Salvin, 1889. *Southwestern Entomologist* 42(3): 879-888, 3 figs. (September) [*P. b. tamaulipana*; behavior; Mexico]
- García, José Alberto**  
2017. See Rodríguez, A. et al., 2017.
- García, José C., Silverio Medina and Luis Felipe Martorell**  
1974. Preliminary list of the insects of Desecheo Island, Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 58(1): 125-133 (January) [general]
- García, José de Jesús**  
2019. See Turrent, A. & J. de J. García, 2019.
- García, José de Jesús, and Alonso Turrent**  
2019a. Redescubrimiento de *Agathymus escalantei* D. Stallings,

- Turner & V. Stallings, 1966 (Hesperiinae: Megathymini) y descripción del macho. *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 6(2): 36-45, 6 figs. (15 January) [A. *ricei* D. Stallings, Turner & V. Stallings; Mexico]
- 2019b. Descripción de una nueva especie de *Turnerina* Freeman, 1959 (Hesperiidae: Megathymini) del valle de Tehuacán, Puebla, México. *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 7(2): 62-73, 7 figs. (20 August) [*T. begoniae*]
- García, José Luis** [1948- ]
1991. Efecto de Diazinon, Deltametrina y *Bacillus thuringiensis* var. *kurstaki* en el control de larvas de Lepidoptera en siembra de repollo. *Boletín de Entomología venezolana* (N.S.) 6(1): 19-25, 1 fig., 3 tabs. (July) [*Leptophobia aripa* (Boisduval); host plant; Venezuela]
1992. Hymenoptera parasíticos de *Leptophobia aripa* (Boisduval) (Lepidoptera: Pieridae), en la Estación Experimental Cataurito, Municipio Zamora, Estado Aragua. *Boletín de Entomología venezolana* (N.S.) 7(2): 127-131, 1 tab. (December) [host plant; Venezuela]
- García, Josefa Aubá de**
1976. See Bastida, R. et al., 1976.
- García, Juliana Ferreira**
1990. See Zanuncio, J. C. et al., 1990.
1994. See Zanuncio, J. C. et al., 1994.
- García, L.**
1995. See Ladrón de Guevara, O. et al., 1995.
- García, Letícia Couto**
2014. See Sant'Anna, C. L. B. et al., 2014.
- García, Luis E.**
2001. See Ramírez, L. A. et al., 2001.
2006. See Santiago, J. A. et al., 2006.
2008. See Santiago, J. A. et al., 2008.
- García, Manuel**
1982. *Inventario y distribución de la fauna entomológica (Lepidoptera) de Aguascalientes*, pp. 98-116, 10 figs., 1 map. In: *Estudio Taxonómico Ecológico de la Flora y Fauna del Estado de Aguascalientes. I. Aguascalientes*, Universidad Autónoma de Aguascalientes (June) [general; Mexico]
1983. See Mooser, O. & M. García, 1983.
- García, Maritza**
2011. See Melo, V. et al., 2011.
- García, Martha Jeaneth**
1999. See Torres, R. et al., 1999.
- García, Mauricio**
2013. See Vera, A. et al., 2013.
- García, Miguel**
1998. See Delgado, A. et al., 1998.
- García, Natalia C.**
2017. See Lavinia, P. D. et al., 2017.
- García, Oscar R.**
2015. See Rivera, M. A. et al., 2015.
- García, Perla Cecilia, Eduardo Alanís, Enrique Jurado and Erik Iván Meléndez**
2008. *Lepidoptero fauna del Parque Ecológico Chipinque A.C., Monterrey N. L.*, pp. 198-202, 1 fig. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 7. México, Sociedad mexicana de Entomología. [general; Mexico]
- García, Ricardo**
2016. See Jasso, J. M. et al., 2016.
- García, Rocío**
2011. See Marín, O. H. et al., 2011.
- García, Rosane Nunes**
2006. See Ferreira, A. A. et al., 2006.
- García, Uri Omar**
2018. See Trujano, M. et al., 2018.
- García-Accinelli, Gonzalo**
2019. See Edelman, N. B. et al., 2019.
- García-Albarado, José Cruz**
2016. See López-Collado, J. et al., 2016.
- García-Barros, Enrique**
- 2000a. Egg size in butterflies (Lepidoptera: Papilionoidea and Hesperidae): a summary of data. *Journal of Research on the Lepidoptera* 35: 90-136 (15 March) [general]
- 2000b. Body size, egg size, and their interspecific relationships with ecological and life history traits in butterflies (Lepidoptera: Papilionoidea, Hesperioidea). *Biological Journal of the Linnean Society* 70(2): 251-284, 5 figs., 6 tabs. ([20] June) [general]
- 2000c. Clima y tamaño en mariposas diurnas. *Boletín de la Asociación española de Entomología* 24(1/2): 47-64, 4 figs., 4 tabs. [general]
2002. Taxonomic patterns in the egg to body size allometry of butterflies and skippers (Papilionoidea and Hesperidae). *Nota lepidopterologica* 25(2/3): 161-175, 4 figs., 6 tabs. (15 November) [general]
2009. See Modolell, J. et al., 2009.
2016. I. Vargas-Fernández, J. E. Llorente-Bousquets, A. Luis-Martínez. Adiciones a la serie Papilionoidea de México: Distribución geográfica e ilustración. 2016. *Shilap* 44(176): 582, 1 fig. (30 December) [book review]
- García-Barros, Enrique, and José Martín**
1994. Morfología de los tubérculos mesotorácicos de las pupas de algunos lepidópteros (Lepidoptera: Nymphalidae, Hesperidae, Sphingidae). *Shilap* 22(87): 249-258, 17 figs., 1 tab. (30 September) [*Celaenorrhinus*, *Anastrus*, *Aguna*]
- García-Barros, Fernando Rogelio**
2018. See Guil-Guerrero, J. L. et al., 2018.
- García-Cancel, Juan G.**
2017. See Shiels, A. B. et al., 2017.
- García-Figueroa, Javier**
2007. See Ramos, J. et al., 2007.
- García-Franco, José Guadalupe** [1956- ], and **Mary Therese Kalin Arroyo**
1995. Breeding system, sex ratio and individual size of the gynodioecious *Nototriche compacta* (Malvaceae) in the Andes of Central Chile. *Plant Species Biology* 10(3): 147-153, 1 fig., 3 tabs. (December) [*Phulia nymphula* (Blanchard), *Yranea modesta* (Blanchard)]
- García-García, Carlos Gilberto**
2017. See Jacinto-Padilla, J. et al., 2017.
- García-Herrera, Eduviges Javier, Santiago de Jesús Méndez-Gallegos and Daniel Talavera-Magaña**
2010. El género *Agave* spp. en México: Principales usos de importancia socioeconómica y agroecológica. *Revista Salud pública y Nutrición* (Monterrey), *Edición especial* 5: 109-129, 2 tabs. [*Acentrocne hesperiaris* (Walker); host plants]
- García-López, Eustolia**
2016. See Hernández-Martínez, M. Y. et al., 2016.
- García-Mendoza, Abisai Josué, Miguel de Jesús Cházaro-Basáñez, Jorge Nieto-Sotelo, Lorenzo Felipe Sánchez-Teyer, Ernesto Tapia-Campos, Juan Florencio Gómez-Leyva, María Concepción Tamayo-Ordóñez, José Alberto Narváez-Zapata, Benjamín Rodríguez-Garay, María Guadalupe Palomino-Hasbach, Javier Martínez-Ramón, Julia del Carmen Martínez-Rodríguez, Evangelina Esmeralda Quiñones-**

- Aguilar, Gabriel Rincón-Enríquez, Miguel Juan Beltrán-García, Joaquín Alejandro Qui-Zapata, Rafael Guzmán-Mendoza, Yuridia Mercado-Flores, Juan Arturo Ragazzo-Sánchez, Montserrat Calderón-Santoyo and Antonia Gutiérrez-Mora**
2017. *Agave*, pp. 15-68, 7 figs., 3 tabs. In: Gschaedler-Mathis, A. C. (Ed.), *Panorama del aprovechamiento de los agaves en México*. Guadalajara, Centro de Investigación y Asistencia en Tecnología y Diseño del Estado de Jalisco (15 August) [*Acentrocne me hesperiaris* (Walker); host plants]
- García-Robledo, Carlos A., Luis Miguel Constantino, María Dolores Heredia and Gustavo H. Kattan**
2002. *Mariposas comunes de la Cordillera Central de Colombia*. Cali, Wildlife Conservation Society - Programa de Colombia. 130 pp., 26 pls., 2 figs. [general]
- Gardiner, Brian Oliver Cordery** [1923-2014]
1968. The butterfly sale of the Century. *Entomologist's Record and Journal of Variation* 80(5): 133-137 (15 May) [LeMoult's collection]
- 1974a. *Pieris brassicae* L. established in Chile: another Palearctic pest crosses the Atlantic (Pieridae). *Journal of the Lepidopterists' Society* 28(3): 269-277, 13 figs. (30 September) [also in *Yadoriga* 85/86: 49-55, 12 figs., 1 map; 31 July 1976] [egg, larva, pupa, imago; host plants; diapause; mortality]
- 1974b. [A note]. *Proceedings and Transactions of the british entomological and natural History Society* 7(2): 63 (October) [*Pieris brassicae* (Linnaeus); Chile]
- 1978a. See Rothschild, M. L. et al., 1978.
- 1978b. For sale – Hewitson on Butterflies, price 6d. *Proceedings and Transactions of the british entomological and natural History Society* 11(3/4): 100-102, 1 fig. (October) [general; Neotropics]
1979. A review of variation in *Pieris brassicae* (L.) (Lep., Pieridae). *Proceedings and Transactions of the british entomological and natural History Society* 12(1/2): 24-46, pls. 3-6, 2 figs. (March) [Chile]
- Gardner, J. S.**
1995. See Bingham, L. et al., 1995.
- Gardner, Toby Alan**
2007. See Barlow, B. J. et al., 2007a.
2007. See Barlow, B. J. et al., 2007b.
2008. See Barlow, B. J. et al., 2008.
- Gardner, Toby Alan, Bernard Josiah Barlow, Ivanei Sousa Araújo, Teresa Cristina Ávila-Pires, Alexandre Bragio Bonaldo, Joana Cristina Evangelista Costa, Maria Cristina Esposito, Leandro Valle Ferreira, Joseph Edward Hawes, Malva Isabel Medina Hernández, Marinus Steven Hoogmoed, Rafael do Nascimento Leite, Nancy França Lo-Man-Hung, Jay R. Malcolm, Marlucia Bonifacio Martins, Luiz Augusto Macedo Mestre, Ronildon Miranda-Santos, William Leslie Overal, Luke Thomas Wyn Parry, Sandra L. Peters, Marco Antônio Ribeiro-Junior, Maria Nazareth Ferreira da Silva, Catarina da Silva Motta and Carlos Augusto da Silva Peres**
2008. The cost-effectiveness of biodiversity surveys in tropical forests. *Ecology Letters* 11 (2)139-150, 3 figs., 1 tab. (February; published online 21 November 2007) [Nymphalidae; Brazil]
- Gareca, Yuvinka**
2009. See Pyrcz, T. W. & Y. Gareca, 2009.
2011. See Blandin, P. & Y. Gareca, 2011.
- 2014a. See Blandin, P. et al., 2014a.
- 2014b. See Pyrcz, T. W. et al., 2014.
- Gareca, Yuvinka, and Patrick Blandin**
2011. *Morpho* (*Morpho*) *helenor* (Cramer) (Lepidoptera, Nymphalidae, Morphinae) in Bolivia: Geographical distribution and ecological plasticity, with a description of a new subspecies. *Zootaxa* 3130: 30-56, 11 figs., 5 tabs. (14 December) [*M. (M.) h. prometa*]
- Gareca, Yuvinka, Eduardo Forno, Tomasz Wilhelm Pyrcz, Keith Richard Willmott and Steffen Reichle**
- 2006b. *Lista preliminar de mariposas diurnas de Bolivia*, pp. 4-65, 2 figs., 1 map. In: Gareca, Y. & S. Reichle (Eds.), *Mariposas diurnas de Bolivia*. Tarija, PROMETA. [general]
- Gareca, Yuvinka, and Steffen Reichle**
2006. *Algunas especies de mariposas diurnas típicas y llamativas de Bolivia*, pp. 66-108, figs. In: *Mariposas diurnas de Bolivia*. Tarija, PROMETA. [general]
2010. Riqueza y distribución ecorregional de Papilionidae y Pieridae (Lepidoptera) en Bolivia. *Kempffiana* 6(2): 20-39, 2 figs., 7 tabs. (December) [general]
- Gareca, Yuvinka, Steffen Reichle and Robert Kanner Robbins**
2009. Lista preliminar de los Lycaenidae (Lepidoptera: Rhopalocera) en Bolivia. *Kempffiana* 5(1): 56-64, 1 fig. (June) [general]
- Gareca, Yuvinka, Steffen Reichle and Damián Rumiz**
- 2006a. Variación estacional en la composición específica de mariposas diurnas en tres tipos de vegetación del Área Protegida Municipal Valle de Tucavaca. *Revista boliviana de Ecología y Conservación ambiental* 20: 19-41, 6 figs., 10 tabs. (December) [general; Bolivia]
- Garese, Pedro**
1959. See Quintana, F. J. & P. Garese, 1959.
- Garlacz, Rafal**
2009. See Pyrcz, T. W. et al, 2009c.
2012. See Pyrcz, T. W. & R. Garlacz, 2012.
2014. See Pyrcz, T. W. et al., 2014.
2018. See Pyrcz, T. W. et al., 2018b.
2019. See Mahecha, O. J. et al., 2019.
- Garland, Mark**
2015. See Oberhauser, K. S. et al., 2015a.
- Garlepp, Gustav** [1862-1907]
1892. Brief aus Bolivien. *Deutsche entomologische Zeitschrift "Iris"* 5(1): 272 (late June), (2): 273-276 (late December) [general; ecology]
- Garlepp, Otto** [1864-1959]
1913. Biologische Beobachtung. *Entomologische Rundschau* 30(16): 96 (23 August) [Ithomiinae; Costa Rica]
- Garlet, Juliana**
2010. See Roman, M. et al., 2010.
- Garmendia, Gerald**
2019. See Maes, J.-M. et al., 2019b.
- Garnier, Eric, and Michel Garnier**
1999. Voyage entomologique en Ecuador (du 8 au 26 octobre 1998). *Bulletin des Lépidoptéristes parisiens* 8(12): 10-11 (April) [general]
- Garnier, Michel**
1998. Heliconidae [sic]: une information de premier ordre pour les amateurs de ce genre [sic]. *Bulletin des Lépidoptéristes parisiens* 7(10/11): 21 (December) [general]
1999. See Garnier, E. & M. Garnier, 1999.
2003. See Purser, B. H. & M. Garnier, 2003.
- Garraway, Eric**
1990. See Emmel, T. C. & E. Garraway, 1990.
1992. See Emmel, T. C. et al., 1992.
1994. See Emmel, T. C. & E. Garraway, 1994.
2017. See Murphy, C. P. et al., 2017.
- Garraway, Eric, and Audette J. A. Bailey**

1992. Parasitoid induced mortality in the eggs of the endangered giant swallowtail butterfly *Papilio homerus* (Papilionidae). *Journal of the Lepidopterists' Society* 46(3): 233-234, 1 tab. (10 November) [Jamaica]
1993. The ecology and conservation biology of Jamaica's endangered giant swallowtail butterfly, *Papilio homerus*. *Jamaica Naturalist* 3: 7-12, figs. (December) [life history; host plant]
2005. *Butterflies of Jamaica*. Oxford, Macmillan. viii + 112 pp., figs. [general]
- Garraway, Eric, Audette J. A. Bailey and Thomas Chadbourne Emmel**
1993. Contribution to the ecology and conservation biology of the endangered *Papilio homerus* (Lepidoptera: Papilionidae). *Tropical Lepidoptera* 4(2): 83-91, 4 figs., 1 tab. ("30 November", [27 December]) [egg, larva, pupa, imago; behavior; host plant; diseases; parasitoids; Jamaica]
- Garraway, Eric, Audette J. A. Bailey, Thomas Howard Farr and J. Woodley**
1993. Studies on the Jamaican Kite Swallowtail, *Eurytides (Protesilaus) marcellinus* (Lepidoptera: Papilionidae). *Tropical Lepidoptera* 4(2): 151-154, 1 fig., 1 tab. ("30 November", [27 December]) [egg, larva, pupa; ecology]
- Garraway, Eric, Audette J. A. Bailey, Brian E. Freeman, John R. Parnell and Thomas Chadbourne Emmel**
- 2008b. Population studies and conservation of Jamaica's endangered swallowtail butterfly *Papilio (Pterourus) homerus*. *Journal of Insect Conservation* 12(3/4): 383-397, 8 figs., 1 tab. (July; published online 11 April) [host plants]
- Garraway, Eric, Herlitz A. Davis, Noel Snyder and Audette J. A. Bailey**
- 2008a. New populations of the Jamaican giant swallowtail *Papilio (Pterourus) homerus* (Lepidoptera: Papilionidae). *Tropical Lepidoptera Research* 18(1): 43-45, 4 tabs. (1 June)
- Garraway, Eric, Catherine P. Murphy and Grace-Ann Allen**
2009. *Papilio demoleus* (the lime swallowtail) (Lepidoptera: Papilionidae), a potential pest of citrus, expanding its range in the Caribbean. *Tropical Lepidoptera Research* 19(1): 58-59, 1 fig. (1 June) [host plant; Jamaica]
- Garraway, Eric, and John R. Parnell**
1993. Notes on the osmeteria of *Papilio homerus* larvae (Lepidoptera: Papilionidae). *Tropical Lepidoptera* 4(1): 29-30, 3 figs. ("30 July", [30 August]) [Jamaica]
- Garraway, Eric, John R. Parnell and Delano St. Aubyn Lewis**
2017. Successful community-based conservation: The story of Millbank and *Pterourus (Papilio) homerus*. *Insects* (Basel) 8(3)(69): 1-12 (September; published online 14 July) [Jamaica]
- Garrido, Claudia Alexia**
2014. See Bolaños, S. I. et al., 2014.
- Garrido, Orlando Hilario [1931- ]**
2009. See Pérez-Asso, A. R. et al., 2009.
- Garrison, Rosser W.**
1996. See Louton, J. A. et al., 1996.
- Garrison, Rosser W., and Michael R. Willig**
1996. *Arboreal invertebrates*, pp. 183-245, 3 figs., 5 tabs. In: Reagan, D. P. & R. B. Waide (Eds.), *The Food Web of a Tropical Rain Forest*. Chicago, The University of Chicago Press [general; Puerto Rico]
- Garroute, Romain**
2003. Première contribution entomologique à la connaissance de Tumuc-Humac - Les lépidoptères du Mitaraka. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane*. *Bulletin des lépidoptéristes parisiens* numéro hors-série: 24, 1 fig. (January) [Ed. 2, October 2007] [general; French Guiana]
- Garth, John Shrader [1909-1993]**
1933. IV. Insects, pp. 18-20. In: Banning, G. H., Hancock Expedition to the Galapagos Islands, 1933. *Bulletin of the zoological Society of San Diego* 10: 1-30, figs. (1 May) [general]
- Garwood, Kim**
2009. Photographing Ithomiinae. *News of the Lepidopterists' Society* 51(4): 126-128, 5 figs. (5 December) [general; Guatemala, Colombia, Brazil]
2010. Stalking the prey to get the prize. *News of the Lepidopterists' Society* 52(1): 30-31, 40, 5 figs. (15 April) [general; technique; Colombia, Ecuador]
2011. How to share your photos. *News of the Lepidopterists' Society* 53(1): 16, 23 (7 June) [general]
- 2012a. Processing and organizing your photos. *News of the Lepidopterists' Society* 54(2): 48-49, 4 figs. (4 June) [general]
- 2012b. Photoshoph hints for specimen photography. *News of the Lepidopterists' Society* 54(3): 86-87, 4 figs. (1 September) [general]
- 2013a. Colombia 2012 – fantastic! *News of the Lepidopterists' Society* 55(1): 34-39, figs. (1 March) [general]
- 2013b. Colombia 2012 – part 2. *News of the Lepidopterists' Society* 55(2): 76-82, 88, figs. (30 May) [general]
- 2013c. Colombia 2012 – part 3. *News of the Lepidopterists' Society* 55(3): 91-95, figs. (9 September) [general]
- 2013d. ...and now Panama – part 1. *News of the Lepidopterists' Society* 55(4): 158-163, 180, figs. (12 November) [general]
- 2014a. The thrill of Panama – part 2. *News of the Lepidopterists' Society* 56(1): 28-33, figs. (1 March) [general]
- 2014b. Back to Panama – the Darien. *News of the Lepidopterists' Society* 56(4): 155-159, figs. (26 November) [general]
2015. Bolivia part I – November-December 2013. *News of the Lepidopterists' Society* 57(4): 196-200, 216, figs. (17 November) [general]
- 2016a. Bolivia part II – November-December 2013. *News of the Lepidopterists' Society* 58(1): 3-8, figs. [general]
- 2016b. Montezuma, butterfly heaven in Colombia. *News of the Lepidopterists' Society* 58(4): 159-167, 208, figs. (16 November) [general]
2017. Catalogs for butterflies of the Andes. *News of the Lepidopterists' Society* 59(4): 167-173, figs. (15 November) [Hesperiidae]
- Garwood, Kim, and Richard Lehman**
2005. *Butterflies of northeastern Mexico. Nuevo Leon, San Luis Potosi, Tamaulipas. A photographic checklist*. Mc Allen, Eye Scry Publishing. x + 188 pp., figs. [Ed. 2] [general]
2011. *Butterflies of Central America. A photographic checklist of common species. Volume 1: Papilionidae, Pieridae, & Nymphalidae*. Mc Allen, RiCalé Publishing. x + 304 pp., figs. (February) [general]
2012. *Butterflies of Central America. A photographic checklist of common species. Volume 2: Lycaenidae & Riodinidae: The hairstreaks and metalmarks*. Mc Allen, RiCalé Publishing. xii + 235 pp., figs. (June) [general]
2013. *Butterflies of Central America. A photographic checklist of common species. Volume 3: Hesperidae, The skippers*. Mc Allen, RiCalé Publishing. xii + 288 pp., figs. (May) [general]
- Garwood, Kim, Richard Lehman, Will Carter and Gill Carter**
2007. *Butterflies of southern Amazonia. A photographic checklist of common species*. McAllen, RiCalé Publishing. viii + 274 pp., figs., 2 maps [general]
2009. *Butterflies of southern Amazonia. A photographic checklist of common species*. McAllen, RiCalé Publishing.

- [Ed. 2]. viii + 374 pp., figs., 2 maps (June) [general]
- Garzón, Ivonne Janeth**  
 2012. Phylogenetic evidence for loss of sound production and a shift in sexual recognition signals in *Hamadryas* butterflies (Nymphalidae: Biblidinae). *Systematic Entomology* 37(1): 84-101, 8 figs., 2 tabs. (January; published online 11 November 2011) [general]  
 2014a. See Brower, A. V. Z. et al., 2014a.  
 2014b. See Brower, A. V. Z. et al., 2014b.  
 2016. See Cally, S. et al., 2016.  
 2018. See Brower, A. V. Z. & I. J. Garzón, 2018.
- Garzón, Ivonne Janeth, Jennifer E. Benetti-Longhini and Andrew Van Zandt Brower**  
 2014. Timing the diversification of the Amazonian biota: butterfly divergences are consistent with Pleistocene refugia. *Journal of Biogeography* 41(9): 1631-1638, 2 figs. (September; published online 5 May) [general]  
 2015b. Competing paradigms of Amazonian diversification and the Pleistocene refugium hypothesis. *Journal of Biogeography* 42(7): 1357-1360 (July; published online 26 May) [general]
- Garzón, Ivonne Janeth, and Andrew Van Zandt Brower**  
 2018. Quantified reproductive isolation in *Heliconius* butterflies: Implications for introgression and hybrid speciation. *Ecology and Evolution* 8(2): 1186-1195, 3 figs., 2 tabs. (January; published online 20 December 2017) [general]
- Garzón, Ivonne Janeth, Andrew Van Zandt Brower, Maria Kamilari, Amaia Iribar and Jérôme Murienne**  
 2018. Cracking the code: Examination of species delimitations among *Hamadryas* butterflies with DNA barcodes suggests Caribbean cracker is *Hamadryas februa* Hübner (Nymphalidae: Biblidinae). *Journal of the Lepidopterists' Society* 72(1): 53-73, 6 figs., 1 tab. (1 March) [general; taxonomy]
- Garzón, Ivonne Janeth, Onildo João Marini-Filho, Steve G. Johnson and Carla Maria Penz**  
 2013. Phylogenetic relationships of *Hamadryas* (Nymphalidae: Biblidinae) based on the combined analysis of morphological and molecular data. *Cladistics* 29(6): 629-642, 5 figs., 3 tabs. (December; published online 12 March) [general]
- Garzón, Ivonne Janeth, and Daniel Rafael Miranda**  
 2007. Amazonian relationships: An example of a complex area and a complex problem. *Biogeografía* 1: 17-20, 1 tab. (January) [general; biogeography]
- Garzón, Ivonne Janeth, and Carla María Penz**  
 2009. Phylogeny of *Dynastor* and *Brassolis* butterflies (Lepidoptera: Nymphalidae): a tough nut to crack. *Zootaxa* 2134: 1-22, 9 figs. (17 June) [general; Central and South America]
- Garzón, Ivonne Janeth, Karina Lucas Silva-Brandão, Keith Richard Willmott, André Victor Lucci Freitas and Andrew Van Zandt Brower**  
 2015a. Incompatible ages for clearwing butterflies based on alternative secondary calibrations. *Systematic Biology* 64(5): 752-767, 6 figs., 2 tabs. (September; published online 25 May) [general; Ithomiini; host plants]
- Gaskin, David Edmund** [1939-1998]  
 1993. The Lepidoptera of Bermuda: Their food plants, biogeography, and means of dispersal, by D. C. Ferguson, D. J. Hilburn, and B. Wright, 1991. *Journal of the Lepidopterists' Society* 47(2): 165-167 (16 June) [book review]  
 1994. Comments on the nature and origins of migrations of Lepidoptera to Bermuda. *Journal of the Lepidopterists' Society* 45(4): 388-393 (19 December) [general]
- Gaston, Kevin J.**  
 1993. Herbivory at the limits. *Trends in Ecology and Evolution* 8(6): 193-194, 1 tab. (June) [general]  
 1994. See Beccaloni, G. W. & K. J. Gaston, 1994.
- Gatrelle, Ronald Richard** [1946-2005]  
 2000. A new North American swallowtail butterfly: Description of a relict subspecies of *Pterourus troilus* (Papilionidae) from the southern tip of Florida. *The taxonomic Report of the international Lepidoptera Survey* 2(4): 1-13, 11 figs. (25 September) [*P. t. fakahatcheensis*; Cuba]
- Gatschnegg, T.**  
 2001. See Krenn, H. W. et al., 2001.
- Gattoni, Louis Albert** [1908-1989]  
 1960. *El cocotero en Panamá*. Panamá, Ministerio de Agricultura, Comercio e Industria. 49 pp., figs., 1 tab. [*Brassolis isthmia* Bates; host plants; larva, pupa, imago; behavior]
- Gauld, Ian David** [1947-2009]  
 2009. See Janzen, D. H. et al., 2009.
- Gauthier, Kevin**  
 2018. See Zawadzki, W. et al., 2018.  
 2019. See Maes, J.-M. et al., 2019a.
- Gauthier, Kevin, and Jean-Michel Maes**  
 2017a. Mariposas de la Reserva Silvestre Privada Bosque de Tanzania. *Revista nicaragüense de Entomología* 131: 1-92, figs., tabs. (August) [general; Nicaragua]  
 2017b. Mariposas de la Reserva Silvestre Privada MRL forestal, Siuna. *Revista nicaragüense de Entomología* 132: 1-137, figs., tabs. (August) [general; Nicaragua]  
 2017c. Mariposas de la Reserva Silvestre Privada Montebelli. *Revista nicaragüense de Entomología* 133: 1-172, figs., tabs. (September) [general; Nicaragua]  
 2017d. Mariposas de la Reserva Silvestre Privada Concepción de María. *Revista nicaragüense de Entomología* 134: 1-82, figs., tabs. (September) [general; Nicaragua]  
 [2019]a. Mariposas de la Reserva Silvestre Privada El Nisperal. *Revista nicaragüense de Entomología* 140: 1-82, figs., tabs. ("January 2018"; [10 February 2019]) [general; Nicaragua]  
 [2019]b. Mariposas de la Reserva Silvestre Privada Egon Borucki in memoriam. *Revista nicaragüense de Entomología* 141: 1-90, figs., tabs. ("January 2018"; [10 February 2019]) [general; Nicaragua]  
 [2019]c. Mariposas de la Reserva Silvestre Privada Toro Mixcal. *Revista nicaragüense de Entomología* 142: 1-90, figs., tabs. ("January 2018"; [10 February 2019]) [general; Nicaragua]  
 [2019]d. Mariposas de la Reserva Silvestre Privada Estancia El Congo. *Revista nicaragüense de Entomología* 143: 1-72, figs., tabs. ("January 2018"; [10 February 2019]) [general; Nicaragua]  
 2019e. Mariposas de la Reserva Silvestre Privada San Pedro. *Revista nicaragüense de Entomología* 167: 1-81, figs. (April) [general; Nicaragua]
- Gaviria, Fabián Guillermo**  
 2017a. See Pérez, J. H. et al., 2017b.  
 2017b. See Henao, E. R. et al., 2017.
- Gaviria, Fabián Guillermo, and Efraín Reinel Henao**  
 2011. Diversidad de mariposas diurnas (Hesperioidea – Papilionoidea) del Parque Natural Regional El Vínculo (Buga-Valle del Cauca). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(1): 115-133, 3 figs. (after 29 July) [general; Colombia]  
 2014. Diversidad de mariposas diurnas (Hesperioidea – Papilionoidea) en tres estados sucesionales de un bosque húmedo premontano bajo, Tuluá, Valle del

- Cauca. *Revista de la Facultad de Ciencias. Universidad nacional de Colombia* (Medellín) 3(2): 49-80, 8 figs., 2 tabs. (December) [general; Colombia]
- Gaviria, Fabián Guillermo, Ricardo Russo Siewert, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
2018. A new species of *Psoralis* Mabille, 1904 from Panama (Lepidoptera, Hesperidae, Hesperinae, Moncini). *Tropical Lepidoptera Research* 28(1): 32-34, 5 figs. (July; published online 31 May) [*P. darienensis*]
- Gavrilets, Sergey**
2009. See Duéñez-Guzmán, E. A. et al., 2009.
- Gawlinski, Karine**
2017. See Silva, J. M. et al., 2017b.
2018. See Santos, J. P. dos et al., 2018.
- 2019a. See Santos, J. P. dos et al., 2019.
- 2019b. See Silva, J. M. et al., 2019.
- Gawne, Richard**
2018. The ecology and evolution of *Heliconius* butterflies. By Chris D. Jiggins. 2017. *Quarterly Review of Biology* 93(1): 53-54 (March) [book review]
- Gayman, Jean-Marc**
2009. See Mérit, X. C. et al., 2009.
2014. Saturniidae dans la brume: deux sites remarquables ! Los Cedros (Equateur) et Mount Totumas (Panama) (Lepidoptera: Saturniidae). *Lépidoptères* (Paris) 23(59): 118-125, 3 pls., 4 maps (December) [*Drucina leonata* Butler; *Pterourus garamas syedra* (Godman & Salvin)]
2016. Métamorphoses de *Caligo oileus* C. Felder & R. Felder, 1861 (Lepidoptera: Nymphalidae; Morphinae; Brassolidae). *Lépidoptères* (Paris) 25(64): 52-55, 24 figs. (September) [larva, pupa, imago; host plant; Colombia]
- Gayman, Jean-Marc, and Jacques Ouaroff**
2016. Voyage entomologique à Cuba (juillet 2016) (Lepidoptera: Rhopalocera). *Lépidoptères* (Paris) 25(64): 82-87, 2 pls., 2 tabs. (September) [general]
- Gayol, Yolanda**
1977. El mundo de las mariposas. *Revista de Geografía universal* (México) 2(8): 130-157, figs. (August) [general]
- Gaytán, Blanca Nayeli, Verónica Ávil, Marysol Trujano, Urbano Nava and Cándido Márquez**
2012. *Estudio faunístico de mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) de la Sierra y Cañón de Jimulco, Coahuila, México*, pp. 1127-1131, 3 figs., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(2). México, Sociedad mexicana de Entomología. [general]
- Gazel Filho, Aderaldo Batista, Ricardo Adaima da Silva and Jorge Araújo de Sousa Lima**
2002. Pragas do coqueiro (*Cocus* [sic] *nucifera* L.) no Amapá. *Comunicado técnico Embrapa* 79: 1-9, 10 figs. (November) [*Brassolis sophorae* (Linnaeus); host plant; Brazil]
- Gazit, Shmuel**
2002. See Wysoki, M. et al., 2002.
- Gazulla, Policarpo [1876-1949], and Flaminio Ruiz**
1929. Los insectos de la Hacienda de "Las Mercedes". *Revista chilena de Historia natural* 32: 288-305, figs. 48-51 (February) [general; Chile]
- Gazzoni, Décio Luiz**
1977. See Panizzi, A. R. et al., 1977.
- Gazzoni, Décio Luiz, Edilson Bassoli de Oliveira, Ivan Carlos Corso, Beatriz Spalding Corrêa Ferreira, Geni Litvin Villas Bôas, Flávio Moscardi and Antônio Ricardo Panizzi**
1981. Manejo de pragas da soja. *Circular técnica Embrapa* 5: 1-44, figs., 14 tabs. (September) [*Urbanus proteus* (Linnaeus); host plant; parasitoid]
- Ge, Dengteng, Gaoxiang Wu, Lili Yang, Hye-Na Kim, Winifred D. Hallwachs, John McLauren Burns and Daniel Hunt Janzen**
2017. Varying and unchanging whiteness on the wings of dusk-active and shade-inhabiting *Carystoides escalantei* butterflies. *Proceedings of the national Academy of Sciences of the United States of America* 114(28): 7379-7384, 5 figs., 1 tab. (11 July; published online 26 June) [morphology; Costa Rica]
- Geale, David**
- [2017]. See Salazar, J. A. & D. Geale, [2017].
- [2018]. Un singular ginandromorfo bilateral de *Alesa amesis* (Cramer, 1777) (Lep., Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(2): 247-248, 1 fig. ("November 2017", [August 2018]; published online December 2017) [Colombia]
- Geary, S.**
1995. See Bingham, L. et al., 1995.
- Gebauer-Jung, Steffi**
2008. See Papanicolaou, A. et al., 2008.
- Gebeshuber, Ille Christine [1969- ]**
- 2016a. See Zobl, S. et al., 2016a.
- 2016b. See Zobl, S. et al., 2016b.
- Gebhardt, F. A. M. W.**
1912. Die Hauptzüge der Pigmentverteilung im Schmetterlingsflügel im Lichte der Liesegangschen Niederschläge im Kolloiden. *Verhandlungen der deutschen zoologischen Gesellschaft* 22: 179-204, 32 figs. [general; morphology]
- Geddes, Gamble [1850-1896]**
1894. Insects collected in Bermuda during the Winter of 1894. *Annual Report of the entomological Society of Ontario* 25: 25-27 [general; host plants]
- Geerah, Pauline, Rakesh Bhukal, Avion Phillips and Mike G. Rutherford**
2016. Terrestrial invertebrate reports. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2016(4): 15-18, figs. (December) [general; Trinidad]
- Geerah, Pauline A., and Mike G. Rutherford**
2015. *Trinidad and Tobago butterflies*. Snohomish, Washington, Rainforest Publications. [14] pp., figs. [laminated field guide leaflet] [general]
- Gegear, Robert J.**
2009. See Lucas, K. M. et al., 2009.
2012. See Guerra, P. A. et al., 2012.
- Gehardt, Aline, Marisa Terezinha Lopes Putzke and Patrícia Braga Lovatto**
2012. Atividade inseticida de extratos botânicos de três espécies silvestres do Rio Grande do Sul, Brasil, sobre *Myzus persicae* (Hemiptera: Aphididae) e *Ascia monuste orseis* (Lepidoptera: Pieridae). *Caderno de Pesquisa. Série Biologia* (Santa Cruz do Sul) 24(2): 55-64, 2 figs., 2 tabs. [host plant]
- Gehlen, Bruno [1871-1951]**
- 1915a. See Lück, R. & B. Gehlen, 1915a.
- 1915b. See Lück, R. & B. Gehlen, 1915b.
- Geiger, Hansjürg**
1986. See Shapiro, A. M. & H. Geiger, 1986.
1989. See Shapiro, A. M. & H. Geiger, 1989.
1997. See Porter, A. H. et al., 1997.
- Geiger, Hansjürg, Arthur Maurice Shapiro and Jorge Enrique Llorente**
1989. *Eucheira socialis* Westw. (Pieridae) - Loss of genetic

variation as a consequence of the population biology and anthropogenic range extension. *Nota lepidopterologica* 12(Suppl. 1): 32 (30 June) [abstract; Mexico]

**Geisthardt, Michael**

1976. Die Arthropoden-Sammlung in Museum Wiesbaden. *Jahrbücher des nassauischen Vereins für Naturkunde* 103: 73-79 [on Merian's collections]
1985. Die zoologisch-botanischen Sammlungen der naturwissenschaftlichen Sammlung des Museums Wiesbaden. Ein Rückblick auf die Entwicklung seit 1829. *Jahrbücher des nassauischen Vereins für Naturkunde* 108: 48-62, 1 fig. [general]

**Gelembiuk, Greg**

2005. See Nice, C. C. et al., 2005.

**Gemignani, Emilio Victorio** [1897-1949]

1932. See Köhler, P. & E. V. Gemignani, 1932.
1934. Notas sobre mariposas, especialmente argentinas. *Revista geográfica americana* (Buenos Aires) 1(6): 427-434, 1 pl., figs. (March) [general; life histories]
1935. Lepidópteros argentinos: Los ninfálidos. *Revista geográfica americana* (Buenos Aires) 3(18): 193-199, 1 pl., figs. (March) [general]
1939. La sección entomológica del Museo Argentino de Ciencias Naturales. *Verhandlungen. VII. internationaler Kongress für Entomologie* (Berlin) 1: 133-143 (March) [general]
1944. Insectos útiles al hombre. *La Chacra* (Buenos Aires) 14(161): 24-26, figs. (March) [*Papilio thoantiades* Burmeister, *Dione vanillae* (Linnaeus); parasitoids; Argentina]
1945. Amigos y enemigos. *La Chacra* (Buenos Aires) 15(171): 84-85, figs. (January); 16(181): 92-93 (November) [*Papilio thoantiades* Burmeister, *Colias lesbia* (Fabricius); parasitoids; Argentina]

**Gemmell, Amber P., Tanja E. Borchers and Jeffrey M. Marcus**

2014. Molecular population structure of *Junonia* butterflies from French Guiana, Guadeloupe, and Martinique. *Psyche* (Cambridge) 2014(897596): 1-21, 5 figs., 6 tabs. (12 October) [general; Argentina]

**Gemmell, Amber P., and Jeffrey M. Marcus**

2015. A tale of two haplotype groups: evaluating the New World *Junonia* ring species hypothesis using the distribution of divergent COI haplotypes. *Systematic Entomology* 40(3): 532-546, 5 figs., 3 tabs. (July; published online 28 January) [general]

**Gemne, Gösta**

1970. See Bernhard, C. G. et al., 1970.

**Genaro, Julio Antonio**

2004. See Hidalgo, M. M. et al., 2004.
2009. See Pérez-Asso, A. R. et al., 2009.
2016. See Pérez-Asso, A. R. et al. 2016.
- 2017a. See Núñez, R. et al., 2017a.
- 2017b. See Núñez, R. et al., 2017b.
- 2017c. See Pérez-Asso, A. R. et al., 2017.

**Genaro, Julio Antonio, Coralía S. Sánchez and Vicente Berovides**

- [1995]. Solapamiento del nicho ecológico en dos especies de mariposas del género *Anartia* (Lepidoptera: Nymphalidae). *Revista Biología* (La Habana) 8: 141-144, 2 tabs. ("1994", [1995]) [*A. jatrophae* (Linnaeus), *A. chrysopelea* Hübner; Cuba]

**Genaro, Julio Antonio, and Ana E. Tejuca**

1999. Datos cuantitativos, endemismo y estado actual del conocimiento de los insectos cubanos. *Cocuyo* 8: 24-27, 1 fig., 1 tab. (August) [general]
2001. Patterns of endemism and biogeography of Cuban insects, pp. 77-83, 1 fig., 2 tabs. In: Woods, C. A. & F. E.

Sergile (Eds.), *Biogeography of the West Indies. Patterns and perspectives. Second edition*. Boca Raton, CRC Press. [general]

**Gentil, Karl**

1935. Die Entstehung der Schillerfarben bei *Morpho sulkowskyi*. *Entomologische Rundschau* 52(4/5): 41-44, 5 figs. (1 March) [morphology]
1941. Beiträge zur Kenntnis schillernder Schmetterlingschuppen auf Grund Polarisationsoptischer Untersuchung. *Zeitschrift für Morphologie und Oekologie der Tiere* 37(4): 591-612, 29 figs. (22 July) [*Morpho* spp.; morphology]
- 1942a. Schmetterlings-Schuppen unter dem Licht- und dem Elektronen-Mikroskop. *Natur und Museum* 72(3/4): 70-73, 8 figs. (1 March) [*Morpho sulkowskyi* Kollar; morphology]
- 1942b. Elektronenmikroskopische Untersuchung des Feinbaues schillernder Leisten von *Morpho*-Schuppen. *Zeitschrift für Morphologie und Oekologie der Tiere* 38(2): 344-355, 11 figs. (5 March) [general; morphology]
1952. See Lippert, W. & K. Gentil, 1952.
1957. Gitterfarben und Dünnschichten bei Schillerfaltern. *Natur und Volk* 87(4): 138-141, 5 figs., 1 tab. (1 April) [*Morpho* spp.; biophysics]
- 1959a. See Lippert, W. & K. Gentil, 1959.
- 1959b. Beitrag zur Morphologie der Schillerschuppen von *Eumaeus minyas* (Lycaenidae). *Zoologischer Anzeiger* 163(1/2): 34-39, 6 figs. (July) [Neotropics]
1963. Die Feinstruktur der Schillerschuppen von *Urania*- und *Morphotyp*. *Kosmos* (Stuttgart) 59(9): 380-382, 7 figs. (September)

**Gentili, Mario**

2003. See Dapoto, G. et al., 2003.

**Gentili(-Poole), Patricia**

1994. See Giganti, H. et al., 1994.
2011. See Nieuwerkerken, E. J. van et al., 2011.
2012. See Miller, J. Y. et al., 2012.

**Gentry, Alwyn Howard** [1945-1993]

1974. Coevolutionary patterns in Central American Bignoniaceae. *Annals of the Missouri botanical Garden* 61(3): 728-759, 13 figs., 3 tabs. ([24 December]) [general; pollination ecology]

**Gentry, Grant L.**

2005. See Stireman, J. O., III et al., 2005.
2007. See Dyer, L. A. et al., 2007.
2009. See Greeney, H. F. et al., 2009b.

**Gentry, Grant L., and Lee A. Dyer**

2002. On the conditional nature of Neotropical caterpillar defenses against their natural enemies. *Ecology* 83(11): 3108-3119, 3 figs., 9 tabs. (November) [general; parasitoids; Costa Rica]

**Gentry, Jodi**

2012. See Barve, N. et al., 2012.

**Genty, Philippe, Roch Desmier de Chenon, Jean-Paul Morin and Cheslavo Alberto Korytkowski**

1978. Ravageurs du palmier à huile en Amérique Latine. *Oléagineux* 33(7): 325-419, figs. (July) [Brassicinae, *Saliana severus* Mabille; life histories; host plants; South America]

**Geoghegan, Tighe, and Yves Renard**

1985. *Maria Islands Nature Reserve. Interpretive Guide*. Vieux-Fort, St. Lucia National Trust. 32 pp., figs. [*Panoquina* sp.; St. Lucia]

**George, Jean Craighead**

1978. My search for secret agent # 25238. *National Wildlife* 16(3): 16-19, figs. ([March]) (*Danaus plexippus* (Linnaeus); migration; Mexico)



- George, Jeremiah N.**  
1997. See Mattoni, R. H. T. et al., 1997.
- George, Uwe**  
1990. Der Raupen wunderbare Verwandlung. Auf den Spuren der naturforschenden Malerin Maria Sibylla Merian in südamerikanischen Surinam. *Geo. Das Reportage-Magazin* 7(7): 10-36, figs. (July) [general; history]
- Georges, Karla**  
2001. See Lans, C. et al., 2001.
- Gerardo, Nicole M.**  
1999. Hesperiid life histories and ecology. *The Morpho* 2(1): [1]-[3] (September) [general; Ecuador]  
2001. See Greeney, H. F. & N. M. Gerardo, 2001.
- Gerberg, Eugene Jordan** [1919-2011]  
1976. See Andresen, J. et al., 1976.
- Gerberg, Eugene Jordan, and Ross Harold Arnett, Jr.**  
1989. *Florida Butterflies*. Baltimore, Natural Science Publications. v + 90 pp., figs. [general; Antilles]
- Gere, Géza**  
2001. [Faunistic data of lycaenid and riodinid butterflies from Peru (Lepidoptera: Lycaenidae, Riodinidae)]. *Folia entomologica hungarica* 62: 391-393 (31 December) [In Hungarian] [general]  
2004. [Faunistic data of lycaenid and riodinid butterflies (Lepidoptera: Lycaenidae, Riodinidae) from Peru II]. *Folia entomologica hungarica* 65: 255-256 (30 December) [In Hungarian] [general]
- Gerhard, Paul Bernhard** [1824-1908]  
1878. *Systematisches Verzeichniss der Macro-Lepidopteren von Nord-Amerika*. Leipzig, R. Friedländer & Sohn. xvi + 196 pp. [general; Mexico, West Indies]  
1883. Ueber die geographische Verbreitung der Macro-Lepidopteren auf der Erde. *Berliner entomologische Zeitschrift* 27(2): 173-185 (November) [general]
- Gerhart, Laci M.**  
2012. See Barve, N. et al., 2012.
- Gerini, Valerio**  
1968-75. See Beccari, F. & V. Gerini, 1968-75.
- Germanos, Erka**  
2011. See Pereira, H. A. et al., 2011.
- Gernaat, Hajo B. P. E.** [1958- ]  
2015. *Parides vercingetorix* (Papilionidae): First record from Suriname. *Journal of the Lepidopterists' Society* 69(1): 73, 1 fig. (6 March)
- Gernaat, Hajo B. P. E., and Borgesius G. Beckles**  
2010. A new subspecies of *Eueides lampeto* Bates, 1862 (Nymphalidae: Heliconiinae) from Suriname. *Journal of the Lepidopterists' Society* 64(3): 172-174, 1 fig. (22 October) [*E. i. brownsbergensis*]
- Gernaat, Hajo B. P. E., Borgesius G. Beckles and Tinde Van Anandel**  
2012. *Butterflies of Suriname. A natural history*. Amsterdam, KIT Publishers. 680 pp., 52 pls., figs., 21 tabs., 1 map [general; life histories; host plants; behavior; distribution; history]
- Gernaat, Hajo B. P. E., and Ewout Eriks**  
2007. Some notes on *Siproeta epaphus gadoui* from Surinam (Lepidoptera: Nymphalidae). *Lambillionea* 107(3): 429-433, 2 figs. (September) [Venezuela]
- Gernaat, Hajo B. P. E., Joke Van den Heuvel, Sofie Ruyschaert, Frans Barten and Tinde Van Anandel**  
2017. A new host plant and notes on the last larval instar of *Colobura annulata* (Nymphalidae: Nymphalinae) in Suriname. *Journal of the Lepidopterists' Society* 71(3): 189-192, 3 figs. (1 September)
- Gernaat, Hajo B. P. E., Joke Van den Heuvel, Frank Stokvis, Frans Barten and Tinde Van Anandel**  
2019. Life history in Suriname and taxonomic status of *Heraclides garleppi lecerfi* (Papilionidae: Papilioninae). *Journal of the Lepidopterists' Society* 73(3): 162-172, 5 figs. (6 September) [egg, larva, pupa, imago; host plant; parasitoid]
- Gernaat, Hajo B. P. E., Joke Van den Heuvel and Tinde Van Anandel**  
2016. A new foodplant for *Historis odius dious* Lamas, 1995 (Nymphalidae: Nymphalinae) with some notes on the life history in Suriname. *Journal of the Lepidopterists' Society* 70(2): 159-163, 2 figs. (16 June) [larva, pupa, imago]
- Gerould, John Hiram** [1868-1961]  
1916. Mimicry in butterflies. *American Naturalist* 50(591): 184-192 (March) [general; Neotropics]
- Gers, Charles**  
2014. See Machkour-M'Rabet, S. et al., 2014.  
2015. See Legal, L. et al., 2015.
- Gerstäcker, Carl Eduard Adolph** [1828-1895]  
1858. Literatur. Enumeratio corporum animalium Musei Imperialis Academiae Scientiarum Petropolitanae. Classis Insectorum. Ordo Lepidopterorum. Pars II. Lepidoptera Heterocera. Accedunt tab. 8 (Petropoli 1857, Bg. 9 bis 18. 8to.). *Stettiner entomologische Zeitung* 19(7/9): 300-302 (July-September) [book review; *Papilio cinyras* Ménétries, *P. thoas* Linnaeus]  
1863a. *Arthropoden*, pp. 1-414. In: Carus, J. V. & C. E. A. Gerstäcker, *Handbuch der Zoologie*. Leipzig, Wilhelm Engelmann. 2: viii + 642 pp. (after February) [general]  
1863b. *Scopastus* und *Phylloscirtus*, zwei käferähnliche Grylloden-Gattungen, nebst Bemerkungen über Form-Analogieen unter den Insecten. *Stettiner entomologische Zeitung* 24(10/12): 408-436 (October-December) [general; mimicry]
- Gervásio, Rita de Cássia Rodrigues Gonçalves**  
2017. See Carvalho Neto, M. F. de et al., 2017.
- Gervazoni, Paula Belén, and Manuel Osvaldo Arbino**  
2018. First record of *Conura* (*Conura*) *maculata* (Fabricius, 1787) (Hymenoptera, Chalcididae) parasitizing *Opsiphanes invirae amplificatus* Stichel, 1904 (Lepidoptera, Nymphalidae) in the province of Corrientes, Argentina. *Check List* 14(5): 1155-1159, 3 figs. (21 December) [host plants]
- Geuster, Cleiton José**  
2013a. See Favretto, M. A. et al., 2013a.  
2013b. See Favretto, M. A. et al., 2013b.
- Geyer, Carl** [1802-1889]  
[1827]a. In: Hübner, J., *Sammlung exotischer Schmetterlinge*. Augsburg, Jacob Hübner. 2: pls. [85, 119, 186, 209] (1 January-1 July); 3: pl. [9] ([1 January-1 July]), pls. [11, 21, 26-27, 32, 43, 45] ([2 July-31 December]) [the title-pages and [4] pp. of the "Index systematicus" for both volumes 1 and 2 were published between 2 July 1827 and 1832, before the autumn] [general; new species: *Laertias oxynius*, *Priamides osymanduas*, *Anteos maerula*; Brazil, Cuba, Jamaica]  
[1827]b-[1829]. In: Hübner, J., *Zuträge zur Sammlung exotischer Schmetterlinge, bestehend in Bekanntmachung einzelner Geschlechter neuer oder seltener nichteuropäischer Arten*. Augsburg, Jacob Hübner. 4: pls. [132-137] ([2 July 1827-31 December 1829]) [no names]  
[1828]-[1832]a. In: Hübner, J., *Sammlung...* Augsburg, Jacob Hübner. 3: pls. [7, 13, 35, 42] ([1828]), pls. [20, 22, 37-38] ([1829]), pls. [17, 24, 41, 49] ([1830]), pl. [30] ([1831]), pls. [25, 28, 31, 44, 50-51] ([20 July-31 December 1832]) [general; new species: *Doxocopa idyja*, *Euphoades garamas*, *Heraclides asclepius*; Cuba, Mexico]

- 1832b-[1833]a. In: Hübner, J., *Zuträge zur Sammlung exotischer Schmetterlinge, bestehend in Bekanntmachung einzelner Geschlechter neuer oder seltener nichteuropäischer Arten*. Augsburg, Jacob Hübner. 4: 1-48 (1832); 5: pls. [138-143] ([20 July 1832-1 January 1833]), pls. [144-151] ([2 January-latter part of 1833]) [general; new taxa: *Eueides cleobaea*, *Goniurus brachius*, *Achlyodes fridericus*, *Proteides zestos*, *Doxocopa marse*, *Cecrops neis*, *Proteides lyciades*, *Cobalus leucomelas*, *Proteides amphion*, *Eurema arbela*, *Thracides aepitus*, *Argynnisisiga*, *Thymelicus vibex*, *Tritonia* (new genus) *eupompe*, *Bithys phrutus*, *Corycia arginussia*, *Calospila* (new genus) *thermodoe*, *Melinaea erysice*, *Antigonus ustus*, *Dismorphia polymela*, *Lamprospilus* (new genus) *genius*, *Thracides aletes*, *Talides striga*, *Hyreus thius*, *Gonopteris* (new genus) *pergaea*, *Thracides melius*, *Hymenitis sylvo*, *Eunice* (new genus) *taurione*, *Carystus lapithes*, *Enantia critomedia*; Neotropics]
- [1833]b-[1834]a. In: Hübner, J., *Sammlung...* Augsburg, Jacob Hübner. 3: pls. [15-16, 29, 48] ([2 January-latter part of 1833]), pls. [5-6, 14, 52] ([latter part of 1833]), pls. [1, 12, 18] ([1834]) [general; new taxa: *Caligo beltrao*, *Mylothris pantoporia*, *Morpheis ehrenbergii*, *Anelia thirza*, *Smyrna karwinski*, *Mechanitis rhezia*, *Eumaea* (new genus) *debora*; Mexico, South America]
- [1834]b-[1836]. In: Hübner, J., *Zuträge zur Sammlung exotischer Schmetterlinge, bestehend in Bekanntmachung einzelner Geschlechter neuer oder seltener nichteuropäischer Arten*. Augsburg, Jacob Hübner. 5: pls. [152-172] ([2 February 1834-31 December 1836]) [no names]
- [1835]-[1837]a. In: Hübner, J., *Sammlung...* Augsburg, Jacob Hübner. 3: pls. [2-4, 10, 19, 23, 39, 46] ([1835]), pl. [40] ([1836-1837]) [general; new species: *Hamanumida lusca*; South America]
- 1837b. In: Hübner, J., *Zuträge zur Sammlung exotischer Schmetterlinge, bestehend in Bekanntmachung einzelner Geschlechter neuer oder seltener nichteuropäischer Arten*. Augsburg, Jacob Hübner. 5: 1-52. [general; new taxa: *Ceratinia klugii*, *C. jemima*, *Actinote callianira*, *Araschnia hippodrome*, *Hymenitis morgane*, *Dynamine dyonis*, *Araschnia marina*, *A. lacinia*, *Psilodopterus lytaea*, *Anaea phidile*, *Cecrops festus*, *Echenais leucocoyana*, *Periplacis* (new genus) *glaucoma*, *Ascanides*, *Eunica tryphosa*, *Theritas cypria*, *Sithon umbratus*, *Bithys tephraeus*, *Brangas thrasyllus*, *Tmolus basilides*, *Hamanumida alector*, *Hymenitis phono*, *Polystichtis ocyvore*, *Hamanumida sturnula*, *Priamides neophilus*; Mexico, Central and South America]
- [1838]. In: Hübner, J., *Sammlung...* Augsburg, Jacob Hübner. 3: pls. [8, 33-34, 36, 47, 53] [general; new species: *Pythoides herennius*; Brazil]
- Ghabash, Gabrielle**  
2017. See Endara, M.-J. et al., 2017.
- Gharbi, Karim**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Ghazanfar, Mubeen, and Waseem Raza**  
2015. Butterflies and ecosystem. *Journal of advanced Botany and Zoology* 3(1): 1-3 (15 June) [general]
- Ghiradella, Helen T.** [1940- ]  
1984. Structure of iridescent lepidopteran scales: Variations on several themes. *Annals of the entomological Society of America* 77(6): 637-645, 10 figs. (November) [general]  
1985. Structure and development of iridescent lepidopteran scales: The Papilionidae as a showcase family. *Annals of the entomological Society of America* 78(2): 252-264, 30 figs. (March) [general]  
1989. Structure and development of iridescent butterfly scales: Lattices and laminae. *Journal of Morphology* 202(1): 69-88, 24 figs. (October) [*Thecla herodotus* (Fabricius)]  
1991. Light and color on the wing: Structural colors in butterflies and moths. *Applied Optics* 30(24): 3492-3500, 19 figs. (20 August) [general]  
1994. Structure of butterfly scales: Patterning in an insect cuticle. *Microscopy Research and Technique* 27: 429-438, 16 figs. [general]  
1998. *Hairs, bristles, and scales*, pp. 257-287, 37 figs. In: *Microscopic Anatomy of Invertebrates*. New York, Wiley-Liss, Inc. Vol. 11A [general; morphology]  
1999. Shining armor: Structural color in insects. *Optics & Photonics News* 10(3): 46-48, 5 figs. (March) [*Parides sesostris* (Cramer), *Caligo illioneus* (Cramer); morphology]  
2000. See Vukusic, P. et al., 2000.  
2003. *Coloration*, pp. 244-251, 9 figs. In: Resh, V. H. & R. T. Cardé (Eds.), *Encyclopedia of Insects*. San Diego, Academic Press. xxx + 1266 pp., figs. [general]  
2005. *Fine structure of basic lepidopteran scales*, pp. 75-93, 18 figs. In: Kinoshita, S. & S. Yoshioka (Eds.), *Structural colors in biological systems. Principles and applications*. Osaka, Osaka University Press (August) [general; morphology]  
2007. See Potyrailo, R. A. et al., 2007.  
2010. Insect cuticular surface modifications: Scales and other structural formations. *Advances in Insect Physiology* 38: 135-180, 38 figs. [general; morphology]  
2012. See Pris, A. D. et al., 2012.  
2013. See Potyrailo, R. A. et al., 2013.
- Ghiradella, Helen T., Daniel Joseph Aneshansley, Thomas Eisner, Robert Elliot Silberglied and Howard Everest Hinton**  
1972. Ultraviolet reflection of a male butterfly: Interference color caused by thin-layer elaboration of wing scales. *Science* 178(4066): 1214-1217, 4 figs. (15 December) [*Eurema lisa* Boisduval & Le Conte, *Morpho* spp.; Neotropics]
- Ghiradella, Helen T., and William Radigan**  
1976. Development of butterfly scales II. Struts, lattices and surface tension. *Journal of Morphology* 150(2)(1): 279-298, 4 pls., 5 figs. (October) [*Morpho menelaus* (Linnaeus)]
- Ghiringhelli, Pablo Daniel**  
2011. See Rodríguez, V. A. et al., 2011.
- Giacomelli, Eloys Jacskmolley**  
1966. See Suplicy, N., Filho et al., 1966.
- Giacomelli, Eugenio** [1876-1941]  
1905. Apuntes sobre el mimetismo y los colores protectores en la región riojana. *Anales de la Sociedad científica argentina* 60(3): 114-121 (September), (4): 181-192 (October) [general; Argentina]  
1908. Pot-pourri lepidopterológico. *Anales de la Sociedad científica argentina* 65(6): 325-337 (June) [general; morphology; teratology; behavior; life histories; Argentina]  
1910. Observaciones y notas sobre el *Euryades duponcheli* Lucas (Papilionidae). *Anales de la Sociedad científica argentina* 70(6): 436-444 (December) [morphology; behavior; new variety: *E. d. variety straminea*; Argentina]  
1911a. Lepidópteros riojanos nuevos o poco conocidos. *Anales de la Sociedad científica argentina* 72(1): 19-40 (July) [new taxa: *Teriocolias riojana*, *Catopsilia statira* female form *pseudomas*, *Phyciodes saladillensis*, *Apodemia minuscula*, *Thymelicus schrottkyi*, *Vorates mabillei*; Argentina]  
1911b. Notas sobre la fauna lepidopterológica de La Rioja. *Revista del Centro de Estudiantes de Agronomía y*

- Veterinaria* (Buenos Aires) 4: 22-25 (after September) [general; host plants; Argentina]
1914. Contribución al estudio de los lepidópteros argentinos. *Anales de la Sociedad científica argentina* 78(3/4): 161-175 (September-October) [general; life histories; new species: *Mathania carrizoi*, *Thecla pseudarcula*, *Apodemia drucei*]
- 1915a. El género *Tatochila* Butl. Lo que sabemos y lo que ignoramos de él. *Anales del Museo nacional de Historia natural de Buenos Aires* 26: 403-415, 1 fig. ([10 March]) [general; host plants; ecology; South America]
- 1915b. Algunas novedades de lepidopterología argentina. *Anales del Museo nacional de Historia natural de Buenos Aires* 27: 359-363 ([15 November]) [*Papilio thoas* Linnaeus, *Terias neda* new form *fusca*]
- 1915c. Cazando mariposas. *Monitor de la Educación común* (Buenos Aires) 55(516): 394-407, figs. (31 December) [general; host plants; Argentina]
- 1916a. Lepidópteros de La Rioja (Rep. Argent.) que se sabe o se supone son dañosos a la agricultura. *Anales de Zoología aplicada* (Santiago de Chile) 3(1): 31-32 (29 February) [general; host plants]
- 1916b. Sinopsis de los lepidópteros chilenos del género *Tatochila* Butler. (Fam. Pieridae). *Revista chilena de Historia natural* 20(3): 41-57, pls. 1-3 (30 June) [general; South America]
- 1916c. A propósito de una piérida del género *Hesperocharis* Feld. *Physis* (Buenos Aires) 2(11): 294-295 (14 August) [*H. lactea* (Burmeister); Argentina, Brazil]
- 1917a. Nuevos estudios y observaciones sobre piéridas argentinas. *Physis* (Buenos Aires) 3(15): 370-385 (31 December) [general; taxonomy]
- 1917b. Notas lepidopterológicas. *Physis* (Buenos Aires) 3(15): 406-409 (31 December) [new species: *Thecla theopina*; Argentina]
1918. Apuntes sobre algunas formas argentinas de mariposas del género *Phulia* H. Schaeff. *Physis* (Buenos Aires) 4(17): 340-342 (20 December) [new species: *P. reedi*]
1920. Notas sobre el *Papilio thoas* L. Daños de su oruga en los citrus. *Anales de Zoología aplicada* (Santiago de Chile) 7(1/2): 6-10, pl. 1 (January-June) [life history; Argentina]
1921. Sobre un caso de albinismo (?) en *Dione vanillae* L. (Nymphalidae). *Physis* (Buenos Aires) 5(19): 64-66, 2 figs. (31 October) [Argentina]
1922. Notas lepidopterológicas. *Revista de la Universidad nacional de Córdoba* 9(5/7): 203-219, 1 pl. (July-September) [general; life histories; new species: *Pyrameis caryoides*; Argentina]
1923. Enumeración sistemática y anotaciones sobre los lepidópteros de Villa Cabrera. *Revista de la Universidad nacional de Córdoba* 10(7/8): 174-188 (July-August) [general; host plants; ecology; Argentina]
- 1924a. Mariposas de las nieves perpetuas. *Riel y Fomento* (Buenos Aires) 31: 7 (November) [*Phulia Andina*; Bolivia]
- 1924b. Sobre el significado mimético de las manchas oculares y en general de la superficie inferior de las alas en el género *Caligo* (Fam. Brassolidae). *Revista chilena de Historia natural* 27: 16-19 ("1923", 1924) [general]
1925. Sobre una [nueva] forma de *Dione vanillae* L. (Hembra, forma *superargentata* Giac.). *Revista chilena de Historia natural* 29: 228-229, fig. 30 (after 29 November) [Argentina]
- 1926a. Sobre una rara especie de *Euptoeta* [sic] (Rhopalocera, Nymphalidae). *Euptoeta* [sic] *ramirezi* Giac. n. sp. *Revista de la Sociedad entomológica argentina* 1(2): 39-40, 1 fig. (31 December) [Argentina]
- 1926b. Sobre una nueva forma argentina de *Callicore*, Huebn. (Lepidoptera, Fam. Nymphalidae). *Revista chilena de Historia natural* 30: 71-72, fig. 8 (after 20 December) [C. köhler]
1927. ¿Qué es el *Papilio thoas thoantiades*? Páginas de lepidopterología comparada. *Revista de la Sociedad entomológica argentina* 1(5): 5-10, 3 figs. (1 November) [general; taxonomy; Neotropics]
- 1928a. Los estudios lepidopterológicos en la República Argentina. *Revista de la Sociedad entomológica argentina* 2(1): 59-60 (31 July) [bibliography]
- 1928b. Nuevos lepidópteros de Cosquín. *Boletín del Instituto de Clínica quirúrgica. Facultad de Medicina* (Buenos Aires) 4(28/31): 677-690, 1 pl. [general; new taxa: *Phyciodes janthe aberration nigra*, *Hydraenomia orcynoides*, *Euptychia periphias* female variety *ocellata*, *Apodemia umbrata*, *A. cosquinia*; Argentina]
- 1930a. Notas sobre un ejemplar aberrante de *Dione vanillae* L., con señales de albinismo. *Revista chilena de Historia natural* 34: 159-160, fig. 28 (after 23 September) [Argentina]
- 1930b. Notas lepidopterológicas sobre especies nuevas o poco conocidas, incluso especies con larvas urticantes de Capilla del Monte, Provincia de Córdoba (Rep. Argentina). *V Reunión de la Sociedad argentina de Patología regional del Norte* (Jujuy) 2: 1180-1185, 1 pl., 1 fig. [general]
1938. Nota sobre *Mathania loranthii*. *Revista argentina de Entomología* 1(3): 110 (31 December) [taxonomy; Argentina]
1939. El estudio del sexo ♀ en las mariposas. *Revista chilena de Historia natural* 42: 302-303 ("1938", after 8 August 1939) [general]
- Giacometti, Dalmo Catauli** [1923-1992]  
1966. See Torres, R. & D. C. Giacometti, 1966.
- Giani, Érica Jaqueline de Melo**  
2011. See Barp, E. A. et al., 2011.
- Gianoli, Ernesto Mario** [1970- ]  
2006. See Molina-Montenegro, M. A. et al., 2006.  
2009. See Suárez, L. H. et al., 2009.  
2016. See Ríos, R. S. et al., 2016.  
2017. See Piñones, D. et al., 2017.
- Giannotti, Osvaldo**  
1945. See Lepage, H. S. & O. Giannotti, 1945.
- Giannotti, Osvaldo, Antônio Orlando and Domingos Duzzi**  
1965. Noções fundamentais sobre as pragas da lavoura no Estado de São Paulo e como combatê-las. *O Biológico* (São Paulo) 31(11): 231-273 (November) [*Ascia monuste orseis* (Godart), *Thecla basilides* (Geyer); host plants; Brazil]
- Gianotti, Juan Francisco**  
1960. See Oscos, M. N. & J. F. Gianotti, 1960.
- Gibbons, Robert**  
1985. A case of mistaken identity. *Natural World* 14: 20-21, figs. [mimicry]  
1997. *The fascinating world of butterflies & moths*. London, Grange Books. 112 pp., figs. [general]
- Gibbs, Arthur Ernest** [1859-1917]  
1912a. *Baronia brevicornis*, Salv. *Proceedings of the entomological Society of London* 1912(2): xxiii-xxiv (4 October) [Mexico]  
1912b. Butterflies from British Honduras and Guatemala. *Proceedings of the entomological Society of London* 1912(2): xlv-xlviii (4 October) [general]  
1914. An expedition to the Sarstoon River. *Proceedings of the entomological Society of London* 1914(1): xx-xxiii (25 June) [general; Belize]  
1915. [A note]. *Proceedings of South London entomological & natural History Society* 1914-15: 132-133 [*Papilio* spp.; Neotropics]

- Gibbs, Jason**  
2012. See Smith, M. A. et al., 2012.
- Gibbs, M. E.**  
1942. See Williams, C. B. et al., 1942.
- Gibbs, Peter Edward**  
1994. See Oliveira, P. E. & P. E. Gibbs, 1994.  
1997. See Arista, M. et al., 1997.  
2002. See Oliveira, P. E. & P. E. Gibbs, 2002.
- Gibbs, Richard A.**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Giblin-Davis, Robin M.**  
2004. See Howard, F. W. & R. M. Giblin-Davis, 2004.
- Gibo, David L.**  
1999. See Rogg, K. A. et al., 1999.
- Gibson, Charles William Donald [1952-2008], and Stuart M. Bunt**  
1974. Lepidoptera, pp. 55-62. In: Robins, R. J., C. W. D. Gibson, S. M. Bunt, K. J. Kirby & P. Rodríguez, Oxford Expedition to the Sierra Nevada de Santa Marta, Colombia, S. A. July September 1973. *Bulletin. Oxford University Exploration Club* 22(2): iii-iv, 17-94, 6 + 13 figs., 22 tabs. [general]
- Gibson, Charles William Donald, Richard J. Robins and Luis Enrique Forero**  
1976. Oxford University Expedition to the Sierra Nevada de Santa Marta, Colombia, 1974 to 1975. *Bulletin. Oxford University Exploration Club* (N.S.) 2: 3-6 (November) [general]
- Gibson, Ian Herbert [1927-1978]**  
1945. *Callicore candrena christopheri* ab. nov. (Lep. Nymph.). *Revista de la Sociedad entomológica argentina* 12(4): 246-247, 2 figs. (28 February) [Argentina]  
1947. Notes on a migration of *Colias lesbia* in Argentine. *Entomologist* 80(1008): 117-118 ([16] May)
- Gibson, Joel F.**  
2014. See Bertrand, C. et al., 2014.
- Gibson, John**  
1878. On the occurrence of a South American butterfly in Britain. *Proceedings of the royal physical Society of Edinburgh* 4: 163-164. [*Pyrameis huntera* (Fabricius); Brazil]
- Gibson, William Wallace [1928- ]**  
1966. See Carrillo, J. L. et al., 1966.
- Gibson, William Wallace, and José Luis Carrillo**  
1959. Lista de insectos en la Colección Entomológica de la Oficina de Estudios Especiales, S. A. G. *Folleto misceláneo. Instituto nacional de Investigaciones agrícolas. Secretaría de Agricultura y Ganadería* (México) 9: xviii + 254 pp., 1 map (December) [general; host plants; Mexico]
- Giebink, Bruce L.**  
1989. Entomological adventures in Mexico. *Newsletter of the Michigan entomological Society* 34(1): 1, 4-5, 3 figs. (22 April) [*Danaus plexippus* (Linnaeus); migration]
- Gielis, Cees**  
2011. See Nieukerken, E. J. van et al., 2011.
- Gier, Paul**  
2009. See Brower, L. P. et al., 2009.
- Gifford, David R. [1918-1981]**  
2002. See Brown, K. S., Jr. & D. R. Gifford, 2002.
- Giganti, Humberto**  
2003. See Dapoto, G. et al., 2003.
- Giganti, Humberto, Graciela Dapoto and Patricia Gentili**  
1994. Lepidópteros de los bosques nativos del Departamento Aluminé (Neuquén-Argentina). *Bosque* (Valdivia) 15(1): 67-74. [general]
- Gigliolli, Adriana Aparecida Sinópolis**  
2018. See Mari, I. P. et al., 2018.
- Gigoux, Enrique Ernesto [1863-1951]**  
1926. La Quebrada del León (Caldera). *Revista chilena de Historia natural* 30: 288-297 (after 20 December) [*Vanessa carye* (Hübner), *Callidryas drya* (Fabricius); Chile]  
1927. Mariposas diurnas del valle de Copiapó. *Revista universitaria. Universidad católica de Chile* 12(10): 1431-1433 (December) [general; host plant; Chile]  
1936. El Morro Copiapó. *Revista chilena de Historia natural* 39: 253-265, 1 fig. ("1935", 1936) [general; Chile]
- Gil, Elizabeth**  
2012. See Durán, J. et al., 2012.
- Gil, Gilberto**  
2010. See Quiroga, R. R. et al., 2010.
- Gil, Pablo Andrés**  
2010. See Pulido, H. W. et al., 2015.
- Gil, Zulma Nancy**  
2005. See Valencia, C. A. et al., 2005.  
2005. See Constantino, L. M. et al., 2005.
- Gil, Zulma Nancy, and Francisco Javier Posada**  
2002. La cría de mariposas en cautiverio: una alternativa para el estudio de la biodiversidad en la zona cafetera colombiana. *Revista colombiana de Entomología* 28(1): 61-68, 6 figs., 2 tabs. (May) [general; host plants; parasitoids; predators; pathogens]
- Gil, Zulma Nancy, Francisco Javier Posada and Luz Dary López**  
2000. Mariposas diurnas de la zona cafetera colombiana. *Avances técnicos Cenicafé* 273: 1-8, figs., 1 tab. (March) [general]
- Gil-Santana, Hélcio Reinaldo**  
2008. See Margaría, C. B. et al., 2008.
- Gil-Santana, Hélcio Reinaldo, Art Borkent, Jacques Dominique Corêcha Jauffret and Pierre Jauffret**  
2011. *Forcipomyia (Trichohelea) aeronautica* Macfie (Diptera: Ceratopogonidae): further records from Brazil and new lepidopterous hosts. *Boletín de la Sociedad entomológica aragonesa* 49: 349-350, 1 fig., 1 tab. (31 December) [general]
- Gil-Santana, Hélcio Reinaldo, and Oton Meira Marques**  
2006. Parasitoidismo de *Glyptapanteles* sp. (Hymenoptera: Braconidae) sobre *Heraclides thoas brasiliensis* (Rothschild & Jordan) (Lepidoptera: Papilionidae). *Magistra* (Cruz das Almas) 18(1): 52-53, 1 fig. (March) [host plans; Brazil]
- Gil-Santana, Hélcio Reinaldo, and Marcelo Teixeira Tavares**  
2005. *Brachymeria pandora* (Crawford) (Hymenoptera, Chalcididae): a new parasitoid of *Historis odius* (Fabricius) (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 22(4): 1211-1212, 2 figs. (31 December) [Brazil]  
2006a. Chalcidoid parasitoids (Hymenoptera) of *Actinote paraphelus* Jordan, 1913 (Lepidoptera: Nymphalidae). *Biota neotropica* 6(1): 1-5, 3 figs. (January-April) [Brazil]  
2006b. *Palmistichus elaeisis* Delvare & LaSalle (Hymenoptera, Eulophidae): a new parasitoid of *Dione juno juno* (Cramer) (Lepidoptera: Nymphalidae). *Revista brasileira de Zoologia* 23(3): 891-892, 2 figs. (30 September) [host plant; Brazil]
- Gilbert, Francis**  
2013. See Taylor, C. H. et al., 2013.
- Gilbert, Lawrence Edmund [1942- ]**  
1969. On the ecology of natural dispersal: *Dione moneta poeyii* in Texas (Nymphalidae). *Journal of the Lepidopterists' Society* 23(3): 177-185, 3 figs. (24 September)

- [distribution; Mexico]
- 1971a. Butterfly-plant coevolution: Has *Passiflora adenopoda* won the selectional race with heliconiine butterflies? *Science* 172(3983): 585-586, 2 figs. (7 May) [*Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus); Costa Rica]
- 1971b. See Singer, M. C. et al., 1971.
1972. Pollen feeding and reproductive biology of *Heliconius* butterflies. *Proceedings of the national Academy of Sciences of the United States of America* 69(6): 1403-1407, 3 figs. (15 June) [general; behavior; morphology; physiology; Trinidad, Panama, Costa Rica]
1973. See Ehrlich, P. R. & L. E. Gilbert, 1973.
1975. *Ecological consequences of a coevolved mutualism between butterflies and plants*, pp. 210-240, 5 figs., 2 tabs. In: Gilbert, L. E. & P. H. Raven (Eds.), *Coevolution of animals and plants*. Austin and London, The University of Texas Press. xiii + 246 pp., 1 pl. [*Heliconius* spp.; eggs, larvae, pupae, imagines; host plants; behavior; ecology]
- 1976a. See Benson, W. W. et al., 1976.
- 1976b. Postmating female odor in *Heliconius* butterflies: a male-contributed aphrodisiac? *Science* 193(4251): 419-420 (30 July) [general; behavior; Trinidad, Mexico, Brazil, Colombia]
- 1977a. See Dunlap-Pianka, H. L. et al., 1977.
- 1977b. *The role of insect-plant coevolution in the organization of ecosystems*, pp. 399-413, 1 fig. In: Labeyrie, V. (Ed.), *Comportement des insectes et milieu trophique*. Paris, Colloques Internationaux du C. N. R. S. 265. [*Heliconius*]
- 1978a. A comment on Monarchs and a "Tragedy of the Commons" in *Science*. *Journal of the Lepidopterists' Society* 32(1): 54 (7 April) [*Danaus plexippus* (Linnaeus); Mexico]
- 1978b. See Singer, M. C. & L. E. Gilbert, 1978.
- 1979a. See Boggs, C. L. & L. E. Gilbert, 1979.
- 1979b. *Development of theory in the analysis of insect-plant interactions*, pp. 117-154. In: Horn, D. G., G. R. Stairs & R. D. Mitchell (Eds.), *Analysis of Ecological Systems*. Columbus, Ohio State University Press [general]
- 1980a. *Food web organization and the conservation of Neotropical diversity*, pp. 11-33, 6 figs. In: Soulé, M. E. & B. D. Wilcox (Eds.), *Conservation Biology*. Sunderland, Sinauer Associates, Inc. [general]
- 1980b. *Coevolution of animals and plants: a 1979 potscript*, pp. 247-263. In: Gilbert, L. E. & P. H. Raven (Eds.), *Coevolution of animals and plants*. Austin and London, University of Texas Press [revised Ed.] [general]
- 1981a. See Williams, K. S. & L. E. Gilbert, 1981.
- 1981b. Contribution of research on Neotropical butterflies to Ecology. *Symposia y Conferencias. IV Congreso latinoamericano de Entomología* (Maracay), pp. D58-D69 (5 July) [general]
- 1981c. See Boggs, C. L. et al., 1981.
- 1981d. See Waage, J. K. et al., 1981.
- 1982a. Oviposition by two *Heliconius* species: Comments on a paper by Dr. A. Young. *Journal of the New York entomological Society* 90(2): 115-116 (7 June) [*Heliconius cydno* (Doubleday), *H. sapho* (Drury); host plants; Costa Rica]
- 1982b. The coevolution of a butterfly and a vine. *Scientific American* 247(2): 110-121, figs. (August) [*Heliconius* spp.; life history; ecology; evolution]
- 1982c. See Waller, D. A. & L. E. Gilbert, 1982.
- 1983a. *Anguria and Gurania (Rain-Forest Cucumber)*, pp. 190-191, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press [*Heliconius*; Costa Rica]
- 1983b. *Coevolution and mimicry*, pp. 263-281, 6 figs. In: Futuyma, D. J. & M. Slatkin (Eds.), *Coevolution*. Sunderland, Sinauer Associates Inc. [general]
1984. *The biology of butterfly communities*, pp. 41-54, pl. 1, figs. A-D, 5 figs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press [general]
- 1985a. Ecological factors which influence migratory behavior in two butterflies of the semi-arid shrubland of South Texas. *Contributions in marine Science* 27(suppl.): 724-747, 7 figs., 6 tabs. (September) [*Kricogonia lyside* (Godart), *Libytheana bachmanii* (Kirtland); Mexico]
- 1985b. See Templeton, A. R. & L. E. Gilbert, 1985.
1986. See Murawski, D. A. & L. E. Gilbert, 1986.
1987. See Boggs, C. L. & L. E. Gilbert, 1987.
1989. See Miyakado, M. et al., 1989.
- 1990a. See Billington, H. L. et al., 1990.
- 1990b. See Condon, M. A. & L. E. Gilbert, 1990.
- 1990c. See Nijhout, H. F. et al., 1990.
1991. *Biodiversity of a Central American Heliconius community: pattern, process, and problems*, pp. 403-427, 6 figs., 2 tabs. In: Price, P. W., T. W. Lewinsohn, G. W. Fernandes & W. W. Benson (Eds.), *Plant-animal interactions. Evolutionary Ecology in Tropical and Temperate Regions*. New York, John Wiley & Sons, Inc. [general; Costa Rica]
1992. See Lee, C. S. et al., 1992.
1993. *An evolutionary food web and its relationship to Neotropical biodiversity*, pp. 17-28, 3 figs. In: Barthlott, W., C. M. Naumann, K. Schmidt-Loske & K.-L. Schuchmann (Eds.), *Animal-plant interactions in tropical environments*. Bonn, Zoologisches Forschungsinstitut und Museum Alexander Koenig. [*Heliconius*; host plants; ecology; behavior]
- 1994a. See Deinert, E. I. et al., 1994.
- 1994b. See Grodnitsky, D. L. et al., 1994.
- 1995a. See Mallet, J. L. B. & L. E. Gilbert, 1995.
- 1995b. *Heliconius: The ultimate rainforest butterflies*. *American Butterflies* 3(2): 4-11, figs. [general]
2000. See Engler, H. S. et al., 2000.
2003. *Adaptive novelty through introgression in Heliconius wing patterns: Evidence for a shared genetic "toolbox" from synthetic hybrid zones and a theory of diversification*, pp. 281-318, pl. 14, 2 figs. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [general]
2004. See Reed, R. D. & L. E. Gilbert, 2004.
- 2006a. See Kronforst, M. R. et al., 2006a.
- 2006b. See Kronforst, M. R. et al., 2006b.
- 2006c. See Kronforst, M. R. et al., 2006c.
- 2007a. See Kronforst, M. R. et al., 2007a.
- 2007b. See Cardoso, M. Z. & L. E. Gilbert, 2007.
- 2007c. See Engler, H. S. & L. E. Gilbert, 2007.
- 2007d. See Kronforst, M. R. et al., 2007a.
- 2007e. See Schulz, S. et al., 2007.
- 2008a. See Schulz, S. et al., 2008.
- 2008b. See Kronforst, M. R. & L. E. Gilbert, 2008.
- 2009a. See Chamberlain, N. L. et al., 2009.
- 2009b. See Krenn, H. W. et al., 2009.
- 2010a. See Martin, A. et al., 2010.
- 2010b. See Estrada, C. et al., 2010.
- 2010c. See Cardoso, M. Z. et al., 2010.
- 2011a. See Estrada, C. et al., 2011.
- 2011b. See Kunte, K. et al., 2011.
2012. See Dasmahapatra, K. K. et al., 2012.
- 2013a. See Hill, R. I. et al., 2013.
- 2013b. See Cardoso, M. Z. & L. E. Gilbert, 2013.
2014. See Martin, A. et al., 2014.
2015. *How and when I ventured into the study of butterflies, and*

- adventures along the way*, pp. 57-76, 11 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general; Neotropics]
2018. See Dolle, P. et al., 2018.
- Gilbert, Lawrence Edmund, and Paul Ralph Ehrlich**  
1970. The affinities of the Ithomiinae and the Satyrinae (Nymphaliidae). *Journal of the Lepidopterists' Society* 24(4): 297-300 (16 November) [general; behavior; life histories; host plants; morphology; Trinidad, Costa Rica]
- Gilbert, Lawrence Edmund, Hugh S. Forrest, Thomas D. Schultz and Donald James Harvey**  
[1989]. Correlations of ultrastructure and pigmentation suggest how genes control development of wing scales of *Heliconius* butterflies. *Journal of Research on the Lepidoptera* 26(1/4): 141-160, 7 figs., 2 tabs. ("15 November 1988", [2 March 1989]) [Costa Rica]
- Gilbert, Lawrence Edmund, and John Mochrie MacDougal**  
2000. *Passiflora microstipula*, a new species of Passifloraceae from southeast Mexico. *Lundellia* 3: 1-5, 1 fig. (December) [*Eueides lineata* Salvin & Godman; host plant]
- Gilbert, Lawrence Edmund, and Michael C. Singer**  
1975. Butterfly ecology. *Annual Review of Ecology and Systematics* 6: 365-397 [general; Neotropics]
- Gilbert, Lawrence Edmund, and John T. Smiley**  
1978. *Determinants of local diversity in phytophagous insects: host specialists in tropical environments*, pp. 89-104. In: Mound, L. A. and N. Waloff (Eds.), *Diversity of Insect Faunas*. London, Blackwells. (*Symposia of the Royal entomological Society of London*, 9) [general]
- Gilbert, Pamela** [1932-2015]  
1994. See Fitton, M. & P. Gilbert, 1994.  
1996. See Harvey, J. M. V. et al., 1996.  
2000. *Butterfly collectors and painters. Four centuries of colour plates from The Library Collections of the Natural History Museum, London*. Singapore, Beaumont Publishing Pte Ltd. x + 166 pp., 60 pls., 35 figs. [general; history; bibliography]  
2012. Butterflies & other insects. My enduring impressions by Phillip R. Ackery. 2012. *Entomologist's monthly Magazine* 148(1780/1783): 230 (28 December) [general; book review]
- Gilchrist, George W., and Ronald R. Rutowski**  
1986. Adaptive and incidental consequences of the alba polymorphism in an agricultural population of *Colias* butterflies: female size, fecundity, and differential dispersion. *Oecologia* 68(2): 235-240, 4 figs., 2 tabs. (January) [*C. lesbia* (Fabricius); Argentina]
- Giles, Valerie**  
2005. See Shuey, J. A. et al., 2005.
- Gillaspay, James E., and Johnny R. Lara**  
1984. Rainstorm behavior of pipevine swallowtails, *Battus philenor* (L.). *Journal of the Lepidopterists' Society* 38(2): 142-143 (16 August) [Mexico]
- Gilles, Benoît**  
2010. Les *Heliconius* un modèle d'excellence pour l'étude de la spéciation écologique. *Insectes* 156: 31-35, figs. [general]  
2015. See Huber, B. et al., 2015.
- Gillet, M.**  
2006. See Pittaway, A. R. et al., 2006.
- Gillett, John**  
1995. See Harley, K. et al., 1995.
- Gillham, Nicholas Wright** [1932- ]  
1955. *Brephidium barbouri* Clench a synonym of *Brephidium exilis isophthalma* (Herrich-Schäffer) (Lepidoptera: Lycaenidae). *Psyche* (Cambridge) 62(1): 34 (26 May) [Cuba, Bahamas]
1956. Geographical variation and the subspecies concept in butterflies. *Systematic Zoology* 5(3): 110-120, 24 figs. (September) [*Heliconius charitonius* (Linnaeus)]
1957. Subspecies versus geographical variation in Caribbean populations of *Anartia jatrophae* Johansson (Lepidoptera, Nymphalidae). *American Museum Novitates* 1845: 1-22, 5 figs., 5 tabs. (10 October) [general]
- Gillham, Nicholas Wright, and Paul Ralph Ehrlich**  
1954. The butterfly types of Henry Skinner and co-authors in the Academy of Natural Sciences of Philadelphia (Lepidoptera: Papilionoidea and Hesperioidea). *Transactions of the American entomological Society* 80: 91-117 (20 August) [general; Neotropics]
- Gillies, Michael Thomas** [1920-1999]  
1985. Far away and just the other day. *Antenna* 9(1): 29-32, 1 fig. (January) [*Junonia* sp.; migration; Argentina]
- Gillman, Michael P.**  
1998. See Wood, B. & M. P. Gillman, 1998.  
2014. See Erenler, H. E. et al., 2014.  
2016. See Erenler, H. E. et al., 2016.
- Gillman, Michael P., Hilary E. Erenler and Erico M. Téllez**  
2012. Butterfly diversity and distribution in Masaya National Park, Nicaragua. *Revista nicaragüense de Entomología* 72(Supl. 1): 2-28, 15 figs., 4 tabs. (after 2 September) [general]
- Gillott, Arthur George Malin** [1868-1927]  
1924a. Peregrinatory flights of Lepidoptera in Costa Rica. *Entomologist* 57(729): 45-46 (February) [general]  
1924b. A new ithomiine butterfly from Costa Rica. *Entomologist* 57(738): 249-250 (November) [*Eutresis pethoe*]  
1927. Notes on Costa Rican Chlorippes (Lep. Nymphalidae), with description of a new species. *Entomologist* 60(772): 198-200 (September) [*C. excelsa*]  
1928. See Lankester, C. H. & A. G. M. Gillott, 1928.
- Gimenes, Miriam**  
2013. See Paz, J. R. L. da et al., 2013.  
2018. See Araujo, L. S. et al., 2018.
- Gimnich, France**  
2019. See Kawahara, A. Y. et al., 2019.
- Ginarsa, Ida Ketut**  
1999. See Morinaka, S. et al., 1999.
- Ginzberger, August** [1873-1940]  
1928. Bericht über eine Reise nach Brasilien. *Verhandlungen der zoologisch-botanischen Gesellschaft in Wien* 78(1): (5)-(8) (15 June) [general]
- Giovenardi, Ricardo**  
2008. See Quadros, F. do C. et al., 2008.  
2009. See Bonfantti, D. et al., 2009.  
2018. See Silva, T. P. da et al., 2018.
- Giovenardi, Ricardo, Rocco Alfredo Di Mare, Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande and Eduardo Carneiro**  
[2014]. Mariposas de Rio Grande do Sul, Brasil (Lepidoptera: Papilionoidea, Hesperioidea). *Revista colombiana de Entomología* 39(2): 267-275, 3 figs. + supplement of 17 pp. ("December 2013", [2014]) [general]
- Giovenardi, Ricardo, Rocco Alfredo Di Mare, Jonas Sponchiado, Suelen Holtermann Roani, Fábio André Facco Jacomassa, Augusto Bonadiman Jung and Miriam Alcione Porn**  
2008. Diversidade de Lepidoptera (Papilionoidea e Hesperioidea) em dois fragmentos de floresta no município de Frederico Westphalen, Rio Grande do Sul, Brasil. *Revista brasileira de Entomologia* 52(4): 599-605, 2 figs., 4 tabs. (31 December) [general]
- Giraldo, Alan**

2009. See Millán, C. et al., 2009.  
[2014]. See Granobles, O. et al., [2014].
- Giraldo, Alfredo Edgardo**  
2014. Algunas sugerencias para realizar evaluaciones biológicas de artrópodos terrestres en el Perú. *Ecología aplicada* (Lima) 13(1): 57-66, 3 figs., 2 tabs. (July) [general]
- Giraldo, Carlos Eduardo** [1982- ]  
2009. See Gómez, L. M. et al., 2009.  
2014. See Marín, M. A. et al., 2014.  
2015a. See Marín, M. A. et al., 2015.  
2015b. La taxonomía integrativa en la resolución de problemas taxonómicos complejos en insectos: Un caso de estudio en mariposas diurnas neotropicales. *Memorias & Resúmenes. XLII Congreso Sociedad colombiana de Entomología SOCOLEN*, pp. 156-176. [*Mechanitis*]  
2016a. See Barbosa, E. de P. et al., 2016.  
2016b. See Chazot, N. et al., 2016c.  
2016c. *Riqueza de Colombia en mariposas: perspectiva comparada*, pp. 38-46, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general]  
2016d. *Mecanismos de defensa de las mariposas: camuflaje y mimetismo*, pp. 70-79, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; behavior; Colombia]  
2016e. *Interacción de las mariposas con las plantas*, pp. 80-87, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; life histories; host plants; Colombia]  
2017a. See Silva, D. L. de et al., 2017.  
2017b. See Barbosa, E. de P. et al., 2017.  
2018a. See Chazot, N. et al., 2018.  
2018b. See Mercado-Gómez, Y. L. et al., 2018.  
2019. See Santacruz, P. G. et al., 2019.
- Giraldo, Carlos Eduardo, Eduardo de Proença Barbosa and André Victor Lucci Freitas**  
2013. Immature stages of *Pagyris cymothoe cymothoe* (Hewitson, 1855) (Lepidoptera, Danainae, Ithomiini). *Tropical Zoology* 26(4): 145-153, 3 figs., 1 tab. (published online 10 December) [egg, larva, pupa, imago; host plants; Colombia]
- Giraldo, Carlos Eduardo, Luz Miryam Gómez, Juan David Suaza, Diana Janeth Suárez and Sandra Inés Uribe**  
2009. Actualización de registros de mariposas Ithomiinae del Museo Entomológico Francisco Luis Gallego. *Boletín del Museo entomológico Francisco Luis Gallego* 1(2): 6-22, 1 tab. (June) [general; Colombia]
- Giraldo, Carlos Eduardo, and Patricia Londoño**  
2016. *Colecciones de mariposas*, pp. 88-97, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; Colombia]
- Giraldo, Carlos Eduardo, Mario Alejandro Marín and Sandra Inés Uribe**  
[2016]. Mariposas diurnas (Lepidoptera: Papilionoidea) asociadas a una plantación cítrica del Cañón del Río Cauca, Caldas- Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 19(2): 83-94, 4 figs., 2 tabs. ("December 2015"; [published online before 10 March 2016]) [general]
- Giraldo, Carlos Eduardo, and Nicolás Peláez**  
2016. *Comunicación de las mariposas entre sí y con otros seres de su entorno*, pp. 63-69, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; behavior; Colombia]
- Giraldo, Carlos Eduardo, Lorena Ramirez, Federico Escobar and Sandra Inés Uribe**  
2014. Life cycle and host plants of *Mechanitis menapis doryssus* (Danainae: Ithomiini) in Mexico. *Southwestern Entomologist* 39(4): 761-771, 2 figs., 2 tabs. (December)
- Giraldo, Carlos Eduardo, and Sandra Inés Uribe**  
2010a. Registro de *Mechanitis polymnia* (Lepidoptera: Ithomiinae) en *Solanum jamaicense* y ciclo de vida en laboratorio. *Revista colombiana de Entomología* 36(1): 165-168 1 fig., 1 tab. (June) [egg, larva, pupa; behavior; parasitoid; Colombia]  
2010b. *Solanum hirtum* as a host plant for *Mechanitis menapis menapis* (Lepidoptera: Ithomiinae) in Colombia. *Revista colombiana de Entomología* 36(1): 169-171, 1 fig. (June) [egg, larva, pupa, imago]  
2012. Taxonomy of *Mechanitis* (F.) (Lepidoptera: Nymphalidae) from the West Colombian Andes: an integrative approach. *Neotropical Entomology* 41(6): 472-484, 12 figs., 4 tabs. (December; published online 24 August) [morphology; host plants; ecology; behavior]
- Giraldo, Carlos Eduardo, Keith Richard Willmott, Roger Vila and Sandra Inés Uribe**  
2013. Ithomiini butterflies (Lepidoptera: Nymphalidae) of Antioquia, Colombia. *Neotropical Entomology* 42(2): 146-157, 10 figs., 1 tab. (April; published online 30 January) [general]
- Giraldo, César Augusto**  
2015. See Téllez, P. A. et al., 2015.
- Giraldo, Gustavo**  
2009. See Arenas, J. G. et al., 2009.
- Giraldo, Marco Antonio, and Doekele G. Stavenga**  
2016. Brilliant iridescence of *Morpho* butterfly wing scales is due to both a thin film lower lamina and a multilayered upper lamina. *Journal of comparative Physiology (A)* 202(5): 381-388, 4 figs. (May; published online 12 April) [*M. epistrophus* (Fabricius), *M. helenor* (Cramer), *M. cypris* Westwood; morphology]
- Giraldo, Marco Antonio, Shinya Yoshioka, Chunzi Liu and Doekele G. Stavenga**  
2016. Coloration mechanisms and phylogeny of *Morpho* butterflies. *Journal of experimental Biology* 219(24): 3936-3944, 6 figs. (15 December) [general; morphology]
- Giraldo, Marco Antonio, Shinya Yoshioka and Doekele G. Stavenga**  
2008. Far field scattering pattern of differently structured butterfly scales. *Journal of comparative Physiology (A)* 194(3): 201-207, 6 figs. (March; published online 20 December 2007) [*Morpho aega* (Hübner); morphology]
- Giraldo, Marien**  
2003. See Salazar, J. A. et al., 2003.
- Giraldo, Natalia**  
2017. See Arias, C. F. et al., 2017.
- Giraldo, Natalia, Camilo Andrés Salazar, Christopher David Jiggins, Eldredge P. Bermingham and Mauricio Linares**  
2008. Two sisters in the same dress: *Heliconius* cryptic species. *BMC evolutionary Biology* 8(324): 1-11, 6 figs., 1 tab. (28 November) [*Heliconius melpomene malleti* Lamas; new subspecies: *H. timareta florenzia*; Colombia, Ecuador, Peru]
- Giraldo, Ysabel M.**  
2012. See Russell, J. A. et al., 2012.
- Girard, Maurice Jean Auguste** [1822-1886]

- 1868a. Collections entomologiques de Vénézuéla et de la Guyane Anglaise à l'Exposition Universelle de 1867. *Bulletin de la Société entomologique de France* (4)8(1): xxxi (24 June) [*Morpho* spp.]
- 1868b. Note sur l'entomologie de l'Amérique du Nord considérée spécialement au point de vue des espèces identiques et analogues a celles d'Europe, avec indications de moeurs inédites d'après les collections du Canada et de la Nouvelle Ecosse du Palais de l'Exposition Universelle de 1867 et la collection du Mexique exposée au Ministère de l'Instruction Publique. *Annales de la Société entomologique de France* (4)8(2): 287-296 (28 October) [general]
1873. *Les insectes. Traité élémentaire d'Entomologie. Comprenant l'histoire des espèces utiles et de leurs produits. Des espèces nuisibles et des moyens de les détruire. L'étude des métamorphoses et des moeurs. Les procédés de chasse et de conservation. Introduction – Coléoptères.* Paris, J.-B. Baillière et Fils. viii + 840 pp., 60 pls., 19 figs. [general]
1882. *Les insectes. Traité élémentaire d'Entomologie. Comprenant l'histoire des espèces utiles et de leurs produits. Des espèces nuisibles et des moyens de les détruire. L'étude des métamorphoses et des moeurs. Les procédés de chasse et de conservation. Tome III. Fascicule premier. Hyménoptères térébrants. Macrolépidoptères.* Paris, J.-B. Baillière et Fils. 640 pp., pls. 76-80, 80bis-97. ([before 11 January]) [general]
- Girault, Alexandre Arsène** [1884-1941]
1918. New and old West Indian and North-American chalcid flies (Hym.). *Entomological News* 29(4): 125-131 (1 April) [*Eudamus proteus* (Linnaeus); parasitoids; St. Vincent]
- Girgel, Eva Isabelle**
2012. See Blüt, C. et al., 2012.
- Giribet, Gonzalo**
2019. See McLean, D. J. et al., 2019.
- Girón, C. D.**
2019. See Sermeño, J. M. et al., 2019.
- Girón, Mercedes**
1982. See Madrigal, B. & M. Girón, 1982.
- Girón-Intzin, Manuel**
2019. See León, J. L. et al., 2019.
- Girón-Pérez, Katherine**
2011. See Broglio-Micheletti, S. M. F. et al., 2011.
- Gironda, Wilson**
2012. See Guerra, J. F. et al., 2012.
- Gislén, Lars**
2009. See Rutowski, R. L. et al., 2009.
- Gistel, Johannes von Nepomuk Franz Xaver** [1809-1873]
1848. *Naturgeschichte des Thierreichs für höhere Schulen.* Stuttgart, Hoffmann. xvi + 216 + [4] pp., 32 pls. ([June]) [Ed. 2, 1851] [general; new names: *Epula*, *Podalirius*, *Anthomantes*]
- Gistel, Johannes von Nepomuk Franz Xaver, and Franz Brommer**
1850. *Handbuch der Naturgeschichte aller drei Reiche, für Lehrer und Lernende, für Schule und Haus.* Stuttgart, Hoffmann. [ii] + 1037 pp., 48 pls., 42 figs. [general]
- Giustolin, Teresinha Augusta**
2016. See Souza, A. R. de et al., 2016.
- Glaser, Ludwig** [1818-1898]
1887. *Catalogus etymologicus Coleopterorum et Lepidopterorum. Erklärendes und verdeutschendes Namenverzeichniss der Käfer und Schmetterlinge für Liebhaber und wissenschaftliche Sammler systematisch und alphabetisch zusammengestellt.* Berlin, R. Friedländer & Sohn. iv + 396 pp. ([before May]) [general]
- 1888a. Ueber verschiedene hergebrachte Fehlernamen und Falscherklärungen in der Lepidopterologie. *Entomologische Nachrichten* 14(9): 136-143 (May) [general]
- 1888b. Eine erweiternde und berichtigende Nachträge zu dem Catalogus Etymologicus Coleopterorum et Lepidopterorum. *Entomologische Nachrichten* 14(11): 170-174 (June) [general]
1890. Ueber Dimorphie und Mimetik bei den Schmetterlingen. *Entomologische Nachrichten* 16(14): 212-218 (July) [general]
1895. Kurze charakteristik der von Joh. Friedr. Eschscholtz beschriebenen Schmetterlinge, die auf der Entdeckungsreise O. v. Kotzebue 1815-18 in der Südsee etc. bekannt wurden. *Entomologische Nachrichten* 21(21): 330-334 (November) [general; Brazil; Chile]
- Glassberg, Jeffrey**
1994. Round-up review of butterfly books. Part II. Guides to butterflies of Canada and Mexico. *American Butterflies* 2(4): 32-35, 2 figs. (November) [general]
1996. Go get set on your marks: Understanding the Ladies of North America. *American Butterflies* 4(4): 21-23, 8 figs. [Vanessa; general]
- 1997a. Go get set on your marks: White skippers! *American Butterflies* 5(4): 32-35, 15 figs. [*Heliopetes*; Mexico]
- 1997b. Book reviews. *American Butterflies* 5(4): 38-39, 41, 2 figs. [Costa Rica, Venezuela, Mexico]
- 1999a. Where do all the queens go? *American Butterflies* 7(1): 2 [general; migration; Mexico]
- 1999b. Come join with NABA in creating NABA Butterfly Park. *American Butterflies* 7(3): 26-31, 3 figs., 1 map [general; Mexico]
- 1999c. Go, get set, on your marks. Checkered-skipper. Part 1: Common, tropical and desert checkered-skipper. *American Butterflies* 7(3): 32-35, figs. [*Pyrgus*; Mexico]
- 1999d. The first Chase butterfly Dusky Emperor in the U. S. *American Butterflies* 7(4): 38-39, 2 figs. [*Asterocampa idyja argus* (Bates); Mexico]
2000. Papilionidae y Pieridae de México: Distribución geográfica e ilustración. By Llorente-Bousquets, et al. *American Butterflies* 8(2): 41. [book review]
- 2001a. The pipe-dream project. *American Butterflies* 9(2): 34-41, figs. [*Battus*; host plants; Mexico]
- 2001b. Cracking the code. *American Butterflies* 9(4): 16-27, figs. [*Hamadryas*; behavior; Mexico]
- 2001c. *Butterflies through binoculars. The West. A field guide to the butterflies of Western North America.* New York, Oxford University Press. x + 374 pp., figs., maps [general; Mexico]
- 2002a. Go get set on your marks. Yellows part 1. *American Butterflies* 10(1): 12-23, figs., maps. [*Eurema*; Mexico, Peru]
- 2002b. It's a bird, it's a plane - no, it's superbutterfly. *American Butterflies* 10(3): 2 [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- 2002c. Go get set on your marks. Yellows part 2. *American Butterflies* 10(4): 24-33, figs., maps. [*Eurema*; Mexico, Guatemala]
- 2002d. *Butterflies of North America.* New York, Michael Friedman Publishing Group, Inc. [vi] + 202 pp., figs. [general]
- 2003a. See Caterino, M. S. et al., 2003.
- 2003b. Go get set on your marks. Super sulphurs. *American Butterflies* 11(3): 14-25, 38 figs., 9 maps. [general; Pieridae; distribution; Mexico]
- 2003c. Go get set on your marks. "Brown" longtails. *American Butterflies* 11(4): 12-25, figs., maps. [general; Pyrginae;



- distribution; Mexico]
- 2004a. Go get set on your marks. "Green" longtails. *American Butterflies* 12(1): 28-38, figs., maps. [general; Pyrginae; distribution; Mexico]
- 2004b. White-crescent longtail / rusty longtail. Their identification revisited. *American Butterflies* 12(1): 39, 2 figs. [*Codatractus*; Mexico]
- 2004c. Go get set on your marks. The wizards. Fiery skipper whirlabout and sachem. *American Butterflies* 12(4): 22-31, 28 figs., 3 maps. [Hesperiidae; Bahamas, Mexico]
- 2004d. *The big little book of butterflies*. New York, Sterling Publishing Co., Inc. 328 pp., figs. [general; Mexico, Dominican Republic, Peru]
- 2005a. Monarchs: Conservation up in the air. *American Butterflies* 13(1): 2, 43. [*Danaus plexippus* (Linnaeus); Mexico]
- 2005b. The genus *Adelpha*: Its systematics, biology and biogeography. By Keith R. Willmott. 2003. *American Butterflies* 13(1): 42-43, 1 fig. [general; book review]
- 2005c. Butterfly [eye-]identification. *American Butterflies* 13(2): 34-45, figs. [general; morphology; Neotropics]
- 2005d. Monarchs. Conservation up in the air. *American Butterflies* 13(1): 2, 43 [*Danaus plexippus* (Linnaeus); Mexico]
- 2006a. Whoa! We brake for *Rekoa*. *American Butterflies* 13(4): 26-29, 15 figs. [general; Mexico]
- 2006b. See Wehling, W. et al., 2006.
- 2006c. Go get set on your marks. Scrub-hairstreaks. *American Butterflies* 14(3/4): 16-33, figs. [general; Eumaeini; Mexico]
- 2007a. *A swift guide to the butterflies of Mexico and Central America*. Morristown, Sunstreak Books, Inc. [vi] + 266 pp., figs. [Ed. 2, 2018] [general]
- 2007b. Go get set on your marks. Coppers: Part 1. *American Butterflies* 15(1/2): 20-35, 67 figs., 6 maps. [general; Lycaeninae; Mexico]
- 2007c. Here they come! The next Mexican butterflies to stray into the Lower Rio Grande valley of Texas. *American Butterflies* 15(3/4): 26-43, figs. [general; Mexico]
2008. Skipperlings love geraniums. *American Butterflies* 16(3): 30-38, figs. [*Piruna*, *Dalla*; Mexico]
- 2009a. See Hardy, D. H. et al., 2009.
- 2009b. Tongue spied. *American Butterflies* 17(3): 32-37, figs. [general; morphology; Mexico]
2010. If Hugo to Venezuela. Andrew F. E. Neild. 2009. The butterflies of Venezuela. Part 2; Nymphalidae II (Acraeinae, Libytheinae, Nymphalinae, Ithomiinae, Morphinae). *American Butterflies* 18(1): 45, 1 fig. [book review]
2013. See Robbins, R. K. & J. Glassberg, 2013.
- Glassberg, Jeffrey, Marc C. Minno and John V. Calhoun**
2000. *Butterflies through binoculars. A field, finding, and gardening guide to butterflies in Florida*. Oxford, Oxford University Press. viii + 242 pp., 44 pls., figs., 3 tabs., maps. [general; Neotropics]
- Glassberg, Jeffrey, and Robert Kanner Robbins**
2005. Cafe con leche in a Mexican forest: a rare hairstreak makes a guest appearance in Mexico. *American Butterflies* 13(3): 47, 3 figs. [*Thereus lausus* (Cramer)]
- Glazbrook, Howard** [1858-1938]
1934. Capture of a species of *Colaenis* new to the United States. *Entomological News* 45(9): 251-252 (9 November) [general; Mexico]
- Glendinning, John I.**
1989. See Calvert, W. H. et al., 1989.
1990. Responses of three mouse species to deterrent chemicals in the monarch butterfly. II. Taste tests using intact monarchs. *Chemoecology* 1(3/4): 124-130, 4 figs., 2 tabs. (December) [*Danaus plexippus* (Linnaeus); Mexico]
- 1993a. See Alonso, A. et al., 1993.
- 1993b. See Arellano, A. et al., 1993.
- 1993c. Comparative feeding responses of the mice *Peromyscus melanotis*, *P. aztecus*, *Reithrodontomys sumichrasti*, and *Microtus mexicanus* to overwintering Monarch butterflies in Mexico. *Science Series. Natural History Museum of Los Angeles County* 38: 323-333, 5 figs., 6 tabs. (18 February) [*Danaus plexippus* (Linnaeus); predators]
- Glendinning, John I., Alfonso Alonso and Lincoln Pierson Brower**
1988. Behavioral and ecological interactions of foraging mice (*Peromyscus melanotis*) with overwintering Monarch butterflies (*Danaus plexippus*) in Mexico. *Oecologia* 75: 222-227, 7 tabs. [migration; predation]
- Glendinning, John I., and Lincoln Pierson Brower**
1990. Feeding and breeding responses of five mice species to overwintering aggregations of the Monarch butterfly. *Journal of Animal Ecology* 59(3): 1091-1112, 5 figs., 10 tabs. (October) [*Danaus plexippus* (Linnaeus); Mexico]
- Glendinning, John I., Lincoln Pierson Brower and Charles A. Montgomery**
1990. Responses of three mouse species to deterrent chemicals in the monarch butterfly. I. Taste and toxicity tests using artificial diets laced with digitoxin or monocrotaline. *Chemoecology* 1(3/4): 114-123, 6 figs., 6 tabs. (December) [*Danaus plexippus* (Linnaeus); Mexico]
- Glick, Perry Aaron** [1895-1983]
1965. Review of collections of Lepidoptera by airplane. *Journal of the Lepidopterists' Society* 19(3): 129-137, 3 figs., 2 tabs. (24 September) [general; Mexico]
- Glithero, Rebecca**
- 2010a. See Baxter, S. W. et al., 2010.
- 2010b. See Ferguson, L. et al., 2010.
2011. See Joron, M. et al., 2011.
- Glöckner, Gernot**
2015. See Edger, P. P. et al., 2015.
- Gloor, Paul**
2001. See Vega, G. & P. Gloor, 2001.
- Gloster, Oliver**
1996. See Raguso, R. A. & O. Gloster, 1996.
- Gmelin, Johann Friedrich** [1748-1804]
- [1790]. *Caroli a Linné. Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Editio decima tertia, aucta, reformata*. Lipsiae, Georg Emanuel Beer. 1(5): [2] + 2225-3020 ([6 December]) [general; new species: *Papilio hyalinus*, *P. strigosus*, *P. bifasciatus*, *P. annulatus*, *P. aethiops*, *P. bipunctatus*, *P. fenestratus*, *P. leo*, *P. philetus*]
- Gmelin, Philipp Friedrich** [1721-1768]
- 1758-77. *Onomatologia medica completa sev Onomatologia historiae natvralis oder vollständiges Lexicon das alle Benennungen der Kunstwörter der Naturgeschichte nach ihrem ganzen Umfang erklärt und den reichen Schatz der ganzen Natur durch deutliche und richtige Beschreibungen der nützlichen und sonderbaren von allen Thieren, Pflanzen und Mineralien sowohl für Aerzte als andere Liebhaber in sich fasst zu allgemeinen Gebrauch von einer Gesellschaft naturforschender Aerzte nach den richtigsten Urkunden zusammengetragen*. [after volume 2, title changes to "*Onomatologia Historiae Natvralis completa oder vollständiges Lexicon...*"]. Ulm, Frankfurt und Leipzig, Gaumischen Handlung. 1: [xxii] pp. + cols. 1-840 (1758); 2: [xlv] pp. + cols. 1-896 (1761); 3: [xliii] pp. + cols. 1-1004 (1766); 4: [xliii] pp. + cols. 1-918 + [1] p.

- (1773); 5: [xii] pp. + cols. 1-894 + [1] p. (1775); 6: [xii] pp. + cols. 1-952 + [1] p. (1775); 7: [viii] pp. + cols. 1-904 + [58] pp. (1777) [article "*Papilio*" in vol. 6: cols. 8-163] [work suppressed by ICZN, Opinion 123] [general]
- Gobbi, Nivar**  
 1981a. See Shima, S. N. & N. Gobbi, 1981a.  
 1981b. See Shima, S. N. & N. Gobbi, 1981b.  
 1993. See Bonfanti-Almeida, J. C. et al., 1993.  
 2003. See Scaglia, M. et al., 2003.  
 2009. See Bichara Filho, C. C. et al., 2009.
- Gobbi, Nivar, and Maria Cecília de Araújo Cunha**  
 1984. Observações preliminares referentes ao relacionamento entre a lagarta de *Ascia monuste orseis* (Godart, 1818 [sic]) (Lepidoptera, Pieridae) e seu parasita *Apanteles ayerzai* (Hymenoptera, Braconidae). *Naturalia* (São Paulo) 8: 193-196, 4 tabs. ("1983", 1984) [Brazil]
- Gobbi, Nivar, Maria Cecília de Araújo Cunha, Roberto Antonio Zucchi and Harold Gordon Fowler**  
 1990. Oviposition pattern by *Cotesia ayerzai* [Hym.: Braconidae] on *Ascia monuste* [Lep.: Pieridae] under laboratory conditions. *Entomophaga* 35(2): 195-202, 5 figs., 1 tab. [host plant; Brazil]
- Gobbi, Nivar, Ana Elizabeth Jannini, Sâmia Maria Tauk, Harold Gordon Fowler and Osvaldo Aulino da Silva**  
 1989. Efeito do parasitismo de *Cotesia glomerata* (Linnaeus, 1758) (Hymenoptera, Braconidae) no consumo alimentar de largatas [sic] de *Ascia monuste orseis* (Godart, 1818 [sic]) (Lepidoptera, Pieridae). *Anais da Sociedade entomológica do Brasil* 18(1): 169-175, 1 fig., 2 tabs. (31 July) [Brazil]
- Gobbi, Nivar, and Cleuza Piras**  
 1986. Alguns fatores que influenciam a capacidade de acasalamento e oviposição de *Chlosyne lacinia saundersii* [sic] (Doubleday & Hewtson [sic], 1849) (Lepidoptera, Nymphalidae). *Anais da Sociedade entomológica do Brasil* 15(Supl.): 29-33, 2 figs. (30 November) [behavior; Brazil]
- Gobbo-Neto, Leonardo**  
 2016. See Martucci, M. E. P. & L. Gobbo-Neto, 2016.  
 2019. See Gallon, M. E. et al., 2019.
- Gochfeld, Michael**  
 2001. See Burger, J. & M. Gochfeld, 2001.
- Godart, Jean Baptiste** [1775-1825]  
 1819. Pp. 13-328. In: Latreille, P. A. & J. B. Godart, *Encyclopédie Méthodique. Histoire naturelle. Entomologie, ou histoire naturelle des crustacés, des arachnides et des insectes*. Paris, veuve Agasse. 9(1): i-ii, 3-328 ([before 13 February]) [general; new species: *Papilio evander*, *P. archelaus*, *P. ilus*, *P. opleus*, *P. triopas*, *P. eurymas*, *P. polymetus*, *P. nephalion*, *P. tereas*, *P. bitias*, *P. protodamas*, *P. leucaspis*, *P. aristor*, *P. pandrosus*, *P. astyalus*, *P. temenes*, *P. lycoraeus*, *P. lysithous*, *Colias leachiana*, *C. marcellina*, *C. eubule*, *C. cnidia*, *C. lollia*, *C. aricia*, *C. evadne*, *C. lyside*, *Pieris neda*, *P. pyro*, *P. sinoe*, *P. elvina*, *P. orseis*, *P. virginia*, *P. ilaire*, *P. mysia*, *P. eubotea*, *P. salacia*, *P. limnorina*, *P. anguitia*, *P. phaloe*, *P. endeis*, *P. josephina*, *P. pylotis*, *P. ammonia*, *P. thermesia*, *P. methymna*, *P. enodia*, *P. spio*, *Libythea terena*, *L. cuvierii*, *Danais archippe*, *D. plexaure*, *D. eresime*, *D. cleophile*, *D. erippe*, *D. gilippe*, *D. plexippe*, *Heliconia cyrbia*, *H. antioche*, *H. cynisca*, *H. thalestris*, *H. ergatis*, *H. braselis*, *H. lansdorfi*, *H. arane*, *H. clysonyma*, *H. eudema*, *H. gazoria*, *H. hyalina*, *H. obscurata*, *H. nisea*, *H. egena*, *H. narcaea*, *H. lysimene*, *H. melphis*, *H. ethilla*, *H. euclea*, *H. ethra*, *H. cleobaea*, *H. megara*, *H. ismenia*, *H. lamyra*, *Acraea dice*, *A. ozomene*, *A. nelea*, *Cethosia vibilia*, *C. aliphera*, *Argynnis briarea*, *A. pygmaea*, *Vanessa lytrea*, *V. epaphea*, *V. zabulina*, *V. callithea*, *Biblis thadana*; Neotropics]
1823. Description de quelques espèces nouvelles de lépidoptères diurnes. *Mémoires de la Société Linnéenne de Paris* 2: 226-243, pls. 19-21 [the plates were never published] [*Papilio devilliersii*; Cuba]
- [1824]. Pp. 329-706, 708-711, 794-828. In: Latreille, P. A. & J. B. Godart, *Encyclopédie Méthodique...* Paris, veuve Agasse. 9(2): 329-828 ([before 17 July]) [general; new species: *Nymphalis thetis*, *N. pellenis*, *N. coresia*, *N. chriton*, *N. nesea*, *N. halice*, *N. pleione*, *N. laertia*, *N. marthesius*, *N. rogerii*, *N. phliassa*, *N. mythra*, *N. syma*, *N. bella*, *N. laurentia*, *N. laura*, *N. thoe*, *N. vacuna*, *N. agathis*, *N. zunilda*, *N. gelania*, *N. epaphea*, *N. symachia*, *N. typha*, *N. disippe*, *N. epione*, *N. lycorias*, *N. margarita*, *N. flavilla*, *N. lirissa*, *N. amphitoe*, *N. demodice*, *N. deiphile*, *N. antioe*, *N. cyanippe*, *N. volumna*, *N. sydonia*, *N. mygdonia*, *N. alpais*, *N. macris*, *N. myrto*, *N. marsolia*, *N. euphemia*, *N. johanna*, *N. irma*, *N. ines*, *N. claudina*, *N. sorana*, *N. condomanus*, *N. pygas*, *N. pyracmon*, *N. hydarnis*, *N. clymenus*, *N. candrena*, *N. tytius*, *N. soranus*, *N. phylacis*, *N. epigia*, *N. laphria*, *N. ferentina*, *Morpho cytheris*, *M. aorsa*, *M. inachis*, *M. martia*, *M. taramela*, *M. saronia*, *M. acadina*, *M. rusina*, *M. anaxandra*, *M. anosia*, *M. caryatis*, *Brassolis astyra*, *Eurybia carolina*, *S. girondius*, *S. betro*, *S. orchamus*, *S. peribas*, *S. quantius*, *S. argulus*, *S. celmis*, *S. lydius*, *S. brixius*, *S. paeon*, *S. grimon*, *S. maepius*, *S. pagyris*, *S. phares*, *S. tolmnia*, *S. doritis*, *S. doxes*, *S. eurythris*, *S. herseis*, *S. pacarus*, *S. periphias*, *S. galesus*, *S. phronius*, *S. byses*, *S. necys*, *S. lysius*, *Erycina dorillis*, *E. iphione*, *E. auletes*, *E. midas*, *E. salimba*, *E. hyginus*, *E. priolas*, *E. prema*, *E. petronius*, *E. eupolemia*, *E. azora*, *E. gynaea*, *E. cleodora*, *E. argiope*, *E. stilbe*, *E. phillone*, *E. cachrys*, *E. anapis*, *E. tytius*, *E. tutana*, *E. manthus*, *E. arthemon*, *E. isala*, *E. thersandra*, *E. epone*, *E. pentheus*, *E. ephynes*, *E. eumenus*, *E. lyphus*, *E. iodice*, *E. rhodia*, *E. tisis*, *E. ulricus*, *E. hiria*, *E. amesis*, *E. timandra*, *E. zachea*, *E. acanthus*, *E. epalia*, *E. nicon*, *E. pherephatte*, *E. electron*, *Polyommatus gabriel*, *P. cinnis*, *P. ceranus*, *P. dolilus*, *P. strophius*, *P. sphinx*, *P. cithonius*, *P. ergeus*, *P. nebis*, *P. megarus*, *P. gabelius*, *P. jebus*, *P. calus*, *P. hugon*, *P. gabinus*, *P. dumenilii*, *P. bazochii*, *P. ochsenheimerii*, *Barbicornis basilis*, genus *Pavonia*, *Papilio serville*, *P. coresilaus*, *P. ascalus*, *Colias clorinde*, *Pieris cronissa*, *P. melia*, *Argynnis teletusa*, *A. flavia*, *Vanessa caelina*, *V. sophronia*, *V. amycla*, *Biblis antholia*, *Eumenia* (new genus) *toxea*; Neotropics]
- Goddard, Gregory**  
 2013. See Potyrailo, R. A. et al., 2013.
- Goddard, Jerome**  
 2013. See Plotkin, D. & J. Goddard, 2013.
- Godet, Theodore L.**  
 1860. *Bermuda: Its history, geology, climate, products, agriculture, commerce, and government, from the earliest period to the present time; with hints to invalids*. London, Smith, Elder and Co. xv + 271 pp. [general]
- Godfray, Hugh Charles Jonathan** [1958- ], **O. T. Lewis and Jane Memmott**  
 1999. Studying insect diversity in the tropics. *Philosophical Transactions of the royal Society of London* (B) 354(1391): 1811-1824, 4 figs. [general]
- Godínez, Daimy, Yulianis Martín and María Mercedes León**  
 2012. Flora, vegetación y fauna invertebrada asociada a cinco comunidades rurales de la Sierra de Cubitas, Camaguey [sic], Cuba. *Revista caribeña de Ciencias sociales*

2012(9): 6 pp., 7 figs. (September) [general]

**Godinho, Maria Aparecida Silva**

2012. See Cruz, K. C. et al., 2012.

2016. See Valentin-Silva, A. et al., 2016.

**Godman, Frederick DuCane** [1834-1919]

1868. See Salvin, O. & F. D. Godman, 1868.

1890. [A note]. *Proceedings of the entomological Society of London* 1890(1): ii (17 April) [*Papilio thoas* (Linnaeus); aberration; Mexico]

1899a. Descriptions of some new species of *Napeogenes*. *Annals and Magazine of natural History* (7)3(14): 155-158 (1 February) [*N. aster*, *N. decora*, *N. glabra*, *N. glycera*, *N. elva*, *N. glycon*, *N. otaxes*, *N. hygia*, *N. eunomia*, *N. amara*; Central and South America]

1899b-1901. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 1(168): i-xlvi ([28] November 1901); 2(148): 457-460, pl. 91 (June 1899), (156): 461-484, pl. 92 ([28] June 1900), (157): 485-500, pls. 93-94 (August 1900), (158): 501-532, pls. 95-96 ([27] October 1900), (159): 533-556, pls. 97-98 (November 1900), (160): 557-588, pls. 99-100 (December 1900), (161): 589-596 (January 1901), (162): 597-620, pls. 101-102 (February 1901), (163): 621-644, pl. 103 ([22] April 1901), (164): 645-668, pls. 104-105 ([29] May 1901), (165): 669-692, pls. 106-107 (June 1901), (166): 693-700, pls. 108-109 ([19] September 1901), (167): 701-740, pls. 110-111 (October 1901), (168): 741-782, pl. 112 ([28] November 1901) [general; new taxa: *Thanaos maestus*, *T. albomarginatus*, *Theagenes stator*, *Butleria microsticta*, *B. pulchra*, *B. lalaga*, *B. octomaculata*, *B. faula*, *Pamphila daridaeus*, *Adopaeoides* (new genus) *bistriata*, *Chaerephon*, *Catia*, *Augiades heras*, *A. hecale*, *Zariaspes* (new genus) *mythecus*, *Poanopsis*, *Paratrytone* (new genus) *rhaxenor*, *P. polyclea*, *Phycanassa psaumis*, *Atrytone mella*, *A. mellona*, *A. myron*, *A. gala*, *A. monticola*, *Buzyges* (new genus) *idothea*, *Atrytonopsis*, *Lerodea dysaules*, *Stomyles florus*, *Amblyscirtes folia*, *A. fluonia*, *A. elissa*, *Halotus* (new genus) *saxula*, *Cydrus* (new genus) *naevolus*, *Aides dysoni*, *A. elara*, *Paraides* (new genus) *asilas*, *Xeniades* (new genus) *pteras*, *Telles*, *TheSPIeus*, *Vacerra* (new genus) *lachares*, *Tiryntia*, *Oxyntes*, *Thoon* (new genus) *taxes*, *Rhinthon* (new genus) *alus*, *R. epaphus*, *R. megalops*, *Cobalus gabinus*, *C. percossius*, *Cobalopsis*, *Onophas*, *Oconus* (new genus) *pyste*, *Mucia* (new genus) *thya*, *Morys*, *Perimeles*, *Tigasis* (new genus) *zalates*, *Eutyichide* (new genus) *ochus*, *E. orthos*, *E. lycortas*, *Phanis*, *Euroto* (new genus) *lyde*, *E. micythus*, *E. chlorocephala*, *E. oegrus*, *Lerema peneia*, *Moeris* (new genus) *hyagnis*, *Metron*, *Metrocles* (new genus) *leucogaster*, *Papias* (new genus) *dictys*, *P. microsema*, *P. phainis*, *Mnasinous* (new genus) *patage*, *Metiscus* (new genus) *atheas*, *Methion* (new genus) *melas*, *Thargella* (new genus) *fuliginosa*, *Mnasitheus* (new genus) *cephis*, *Mnasalcas*, *Mastor* (new genus) *anubis*, *M. perigenes*, *Mnasilus* (new genus) *penicillatus*, *Vehilius*, *Megistias* (new genus) *jera*, *M. labdacus*, *M. oebasus*, *M. isus*, *M. fraus*, *M. leucone*, *Parphorus*, *Vorates* (new genus) *sapala*, *Pheraeus*, *Molo*, *Vinius* (new genus) *arignote*, *Paracarystus*, *Zenis*, *Vettius*, *Dion*, *Flaccilla*, *Cymaenes syracus*, *Mnaseas*, *Methionopsis* (new genus) *modestus*, *M. typhon*, *Eutocus* (new genus) *phthia*, *E. volasus*, *Eprius* (new genus) *veleda*, *Mnasicles* (new genus) *geta*, *M. hicetaon*, *Mnestheus* (new genus) *cometho*, *Artines* (new genus) *atizies*, *Falga sciras*, *Carystoides*, *Lychnuchoides*, *Tisias*, *Themesion* (new genus) *orbis*, *Turesis* (new genus) *theste*, *Megaleas*, *Lycas*, *Orphe* (new genus) *vatinius*, *Damas*, *Orses* (new

genus) *iricolor*, *Thracidides molion*, *T. seron*, *T. polles*, *T. xanthura*, *Perichares agrippa*, *Pyrrhopygopsis*, *Mechanitis saturata*, *Hymenitis moschion*, *Euptychia pellonia*, *E. pephredo*, *E. hilaria*, *Melitaea beckeri*, *M. schausi*, *Phyciodes hepburni*, *P. phlegias*, *Adelpha creton*, *Emesis poeas*, *Tharops trötschi*, *Thecla gaumeri*, *T. sesara*, *Eudamus cachinnans*, *Heteropia cyda*, *Thymele polias*, *Phanes*]

1903. Notes on some Central and South American Erycinidae, with descriptions of new species. *Transactions of the entomological Society of London* 1903(4): 529-550, pls. 20-23 (24 December) [general; *Mesosemia phace*, *M. thera*, *M. orbona*, *Cremna malis*, *Hyphilaria orsedice*, *Eurygona licinia*, *E. authe*, *E. rhodogyne*, *E. fabia*, *Mesenopsis pulchella*, *Chamaelimnas pansa*, *Siseme pedias*, *Riodina* ? *theodora*, *R. (?) albofasciata*, *Anteros carus*, *Emesis eurydice*, *Symmachiaprogne*, *S. hippodice*, *Caria smaragdina*, *C. marsyas*, *Charis arcuata*, *Monethe molione*, *Cricosoma irroratum*, *Mesene iasis*, *M. eanes*, *Lasaia merita*, *L. oileus*, *Lemonias annulifera*, *L. maeon*, *L. maeonoides*, *L. elpinice*, *L. martia*, *L. staudingeri*, *L. pirene*, *L. nomia*, *L. fannia*, *Nymphidium grande*, *Aricoris hippocrate*, *A. phaedon*, *A. maia*, *A. helice*, *A. (?) terias*]

1905. Descriptions of some new species of Satyridae from South America. *Transactions of the entomological Society of London* 1905(1): 185-190, pl. 10 (20 May) [*Pierella chalybaea*, *Euptychia analis*, *E. stigmatica*, *E. penicillata*, *E. scopulata*, *E. mimas*, *E. boliviana*, *E. (?) biocellata*, *Lymanopoda maso*, *L. malia*, *L. levana*, *Pedaliodes albonotata*, *Oxeoschistus duplex*]

1907. Notes on the American species of HesperIIDae described by Plötz. *Annals and Magazine of natural History* (7)20(116): 132-155 (1 August) [general; Neotropics]

1915. *Biologia Centrali-Americana. Zoology, Botany, and Archaeology*. Edited by Frederick DuCane Godman, D. C. L., F. R. S., and Osbert Salvin, M. A., F. R. S. *Introductory volume*. London, Dulau & Co., Bernard Quaritch. (214): 1-80, maps 1-4 (January), (215): i-viii, 81-149, 2 pls., maps v-viii ([28] June) [general]

**Godman, Frederick DuCane, and Osbert Salvin**

1877. Description of twelve new species and a new genus of Rhopalocera from Central America. *Proceedings of the zoological Society of London* 1877(1): 60-64 (June) [*Eutresis theope*, *Napeogenes hemimelaena*, *Ithomia alcmena*, *I. pusio*, *I. zygia*, *Pierella incanescens*, *Oxeoschistus gigas*, *Heliconius fasciatus*, *Bolboneura* (new genus), *Eubagis immarginata*, *Eunica mira*, *E. excelsa*, *E. caerula*; Costa Rica, Panama, Guatemala, Nicaragua, Mexico]

1878a. Descriptions of nineteen new species of diurnal Lepidoptera from Central America. *Proceedings of the zoological Society of London* 1878(1): 264-271 (May) [*Euptychia philodice*, *E. rogersi*, *E. vetones*, *Lymanopoda euopis*, *Pedaliodes triaria*, *P. cremera*, *Oxeoschistus rogersi*, *Phyciodes thebais*, *P. boucardi*, *P. subota*, *P. drymaea*, *P. cyneas*, *P. nebulosa*, *Eresia mechanitis*, *E. drypetis*, *Timetes phiale*, *Adelpha falcata*, *A. diocles*, *Papilio syedra*; Costa Rica, Mexico, Guatemala, Nicaragua, Panama]

1878b. Descriptions of new species of Central-American butterflies of the family Erycinidae. *Proceedings of the zoological Society of London* 1878(2): 360-369 (July) [*Eurygona hypophaea*, *E. leucorroha*, *E. amphidecta*, *E. inconspicua*, *E. russata*, *Limnas melanochlora*, *L. caeruleata*, *Cyrenia pyrippe*, *Ithomeis imitatrix*, *Symmachia rhacotis*, *Mesene ignicauda*, *M. silaris*, *M. tyriotes*, *Pachythone gigas*, *Charis velutina*, *C. crocea*, *C.*

- holosticta*, *C. poeciloptera*, *C. ochrias*, *Tharops purpurata*, *T. isthmica*, *Lemonias pelarge*, *L. theages*, *L. debilis*, *L. hypoglauca*, *Nymphidium haematostictum*, *N. ictericum*, *N. sicyon*, *N. adelphinum*, *N. velabrum*, *Theope isia*, *T. barea*, *T. caenina*, *T. decorata*; Central America, Mexico]
- 1878c. Descriptions of new species of Rhopalocera from Central and South America. *Annals and Magazine of natural History* (5)2(9): 257-266 (1 September) [*Callithomia panamensis*, *Napeogenes paedaretus*, *Ithomia aesion*, *I. jucunda*, *I. cadra*, *I. rhene*, *Tithorea pinthias*, *Narope testacea*, *Phyciodes chromis*, *P. diallus*, *P. poltis*, *P. fulgora*, *P. sopolis*, *P. sosis*, *P. cassiopea*, *P. durnfordi*, *P. taphira*, *Eresia epione*, *Eubagis geta*, *Callithea bartletti*, *Adelpha sophax*, *Leptalis ribbei*; Mexico]
- 1879a. Descriptions of new species of Rhopalocera from Central and South America. *Proceedings of the zoological Society of London* 1879(1): 150-155, pl. 14 (June) [*Eutresis hyspa*, *Athesis demylus*, *Melinaea hicetas*, *M. cydon*, *Eresia laias*, *Adelpha hypsenor*, *Pyrrhopyga rufinucha*, *P. aerata*, *P. rufipectus*, *P. variegaticeps*, *P. minthe*, *P. eupheme*, *P. malis*, *P. erythrosticka*, *Myscelus belti*, *Erycides pires*, *E. scythron*, *Entheus matho*, *Hesperia polites*, *H. sacrator*, *H. aurifer*, *H. saptine*, *H. syrna*; Neotropics]
- 1879b-80a. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 1(1): 1-32, pls. 1-2 (September 1879), (2): 33-56, pls. 3-4 (November 1879), (3): 57-72, pls. 5-7 (February 1880), (6): 73-88, pl. 8 (August 1880) [general; new taxa: *Tithorea helicaon*, *T. hippothous*, *Aeria agna*, *A. pacifica*, *Ceratinia decumana*, *Callithomia hedila*, *Epithomia*, *Callolera*, *Hyposcada*, *Episcada*, *Pteronymia tigranes*, *P. alope*, *P. fulvescens*, *P. agalla*, *Hypolera* (new genus) *libera*, *H. fumosa*, *Pseudoscada*, *Hymenitis furina*, *Heterosais*]
- 1880b. A list of diurnal Lepidoptera collected in the Sierra Nevada de Santa Marta, Colombia, and the vicinity. *Transactions of the entomological Society of London* 1880(3): 119-132, pls. 3-4 (12 October) [general; new species: *Ceratinia philidas*, *Euptychia peribaea*, *E. lineata*, *Lymanopoda caeruleata*, *Pedaliodes polyxo*, *P. leucocheilus*, *P. symmachus*, *P. tyrreus*, *Morpho rhodopteron*, *Phyciodes catenarius*, *P. castianira*, *Perisama gisco*, *Esthemopsis linearis*, *Siseme pomona*, *Euterpe lycurgus*]
- 1881-82a. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 1(9): 89-96, pl. 9 (February 1881), (10): 97-104, pl. 10 (April 1881), (11): 105-120, pl. 11 (June 1881), (12): 121-136, pls. 12-15 (August 1881), (13): 137-152, pls. 16-17 (October 1881), (14): 153-168, pl. 18 (December 1881), (17): 169-184, pls. 19-20 (June 1882), (18): 185-208 (August 1882) [general; new species: *Euptychia nelsoni*, *Drucina championi*, *Opsiphanes josephus*, *O. quirinus*, *O. xanthicles*, *Actinote melampeplos*, *Heliconius claudia*, *H. chrysantis*, *Phyciodes cynisca*, *P. cluvia*, *P. lutescens*, *P. sitalces*, *P. argentea*]
- 1882b. On a new species of *Agrias* from the Valley of the Amazons. *Proceedings of the zoological Society of London* 1882(2): 338-339, pl. 19 (August) [general; *A. stuarti*; Peru]
- 1882c-83a. *Biologia Centrali-Americana. Insecta Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 1(19): pls. 21-22 (October 1882), (20): 209-224, pl. 23 (December 1882), (21): 225-240 (January 1883), (22): 241-264, pls. 24, 24a, 25 (March 1883) [general; new species: *Epiphile plusios*, *Eubagis ate*, *Catagramma aérias*, *C. rutila*]
- 1883b. Note on the variation of certain species of *Agrias*. *Proceedings of the zoological Society of London* 1883(3): 384-386 (October) [general; Peru, Brazil]
- 1883c-84a. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 1(26): 265-280, pl. 26 (November 1883), (27): 281-288, pl. 27 (December 1883), (29): 289-312, pls. 28-30 ([24] April 1884), (30): 313-344, pls. 31-33 ([20] June 1884), (31): 345-352, pls. 34-37 ([21] July 1884), (33): 353-360 ([18] October 1884) [general; new species: *Ageronia lelaps*, *Peridromia arienis*, *Panacea lysimache*, *Pyrrhogyra hypsenor*, *Adelpha melanippe*, *A. erymanthis*, *A. epiphicla*, *A. sentia*, *A. pione*, *Chlorippe felderi*, *C. burmeisteri*, *Prepona camilla*, *P. phaedra*, *Pycina zelys*, *Siderone polymela*, *Anaea promenaea*, *A. perenna*, *A. forreri*, *A. orthesia*, *A. dia*, *A. opalina*, *Hypna forbesi*]
- 1884b. A list of the Rhopalocera collected by Mr. G. French Angas in the Island of Dominica. *Proceedings of the zoological Society of London* 1884(3): 314-320, pl. 25, figs. 1-4 (October) [general; new species: *Anaea dominicana*, *Proteides angasi*, *Pamphila ravola*]
- 1885-88. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 1(43): 361-400, pls. 38-41 (December 1885), (44): 401-440, pls. 42-44 ([30] January 1886), (45): 441-487, pls. 45-47 ([26] February 1886); 2(58): 1-32, pls. 48-50 (May 1887), (59): 33-48, pl. 51 (June 1887), (60): 49-64, pl. 52 (August 1887), (61): 65-96, pl. 53 (September 1887), (62): 97-104, pl. 54 (October 1887), pl. 55 (November 1887), (64): 105-112, pl. 56 (December 1887), (65): pl. 57 (January 1888), (66): pl. 58 (February 1888) [general; new taxa: *Eurygona procula*, *E. sergia*, *E. eupepla*, *Eurybia unxia*, *Mesosemia methion*, *M. thetys*, *M. coelestis*, *M. zonalis*, *M. leucogaea*, *M. lepida*, *M. molina*, *M. nivalis*, *M. nivea*, *M. chionea*, *Necyria larunda*, *Monethe rudolphus*, *Temtoglene dodone*, *T. drymo*, *Lepricornis bicolor*, *Chimastrum*, *Mesenopsis*, *Symmachia championi*, *S. belti*, *S. harmodius*, *Mesene phoenicura*, *M. leucopus*, *Charis laverna*, *C. occidentalis*, *Calydna venusta*, *Sarota gamelia*, *S. myrtea*, *S. psaros*, *Anteros roratus*, *Emesis vulpina*, *E. lupina*, *E. tegula*, *E. saturata*, *E. liodes*, *Caria lampeto*, *C. ino*, *C. harmonia*, *Exoplisia*, *Tharops picta*, *Lemonias glauca*, *L. agave*, *Apodemia hepburni*, *A. walkeri*, *Polystigma*, *Nymphidium labdacus*, *N. laius*, *N. ipsea*, *N. nycteus*, *N. germanus*, *Theope theutis*, *T. folia*, *T. herta*, *T. cratylus*, *Isapis hera*, *Esthemopsis (?) radiata*, *E. (?) unicolor*, *Thecla nepia*, *T. hosbon*, *T. cynara*, *T. basis*, *T. cocineifrons*, *T. oceia*, *T. laothoe*, *T. busa*, *T. perpenna*, *T. hyas*, *T. furina*, *T. cyda*, *T. eunus*, *T. phaenna*, *T. fusius*, *T. hypsea*, *T. epytus*, *T. orses*, *T. lyde*, *T. mycon*, *T. primno*, *T. phobe*, *T. arpoxais*, *T. orios*, *T. praxis*, *T. ortalus*, *T. epidius*, *T. ochus*, *T. pion*, *T. oppia*, *T. latagus*, *T. orasus*, *T. norax*, *T. minthe*, *T. aura*, *T. attalion*, *T. ares*, *T. tanais*, *T. proba*, *T. iopas*, *T. blaius*, *T. nisaeae*, *T. tabena*, *T. tarpa*, *T. paralus*, *T. odinus*, *T. maeonis*, *T. paron*, *T. heraclides*, *T. sergius*, *T. origo*, *T. nitetis*, *T. nortia*, *T. sethon*, *T. plusios*, *T. tamos*, *T. matho*, *T. mimas*, *T. gabina*, *T. myron*, *T. lampetia*, *T. milto*, *T. pisis*, *T. puppius*, *T. lolliia*, *T. iambe*, *T. lucagus*, *T. hesychia*, *T. hicetas*, *T. paetus*, *T. inoa*, *T. maevia*, *T. scopas*, *T. sesara*, *T. syllis*, *T. serapio*, *T. alea*, *T. hecate*, *T. semones*, *T. schausi*, *T. insignis*, *T. miranda*, *Theclopsis* (new genus) *caeus*, *Chrysophanus (?) pyrriasis*, *Lycaena tulliola*]
- 1889a. Descriptions of new species of Rhopalocera from Mexico and Central America. *Annals and Magazine of natural History* (6)3(16): 351-358 (1 April) [*Pteronymia timagenes*,

- Euptchia cleophes*, *E. clinas*, *Lymanopoda cinna*, *Phyciodes alexon*, *P. cyno*, *Myscelia auletes*, *Callicore beleses*, *Prepona brooksiana*, *P. aelia*, *Eurygona cheles*, *Lymnas gynaeceas*, *Baeotis nesaea*, *Emesis brimo*, *Lemonias idmon*, *Papilio corbis*, *P. orsuna*; Mexico, Guatemala, Panama]
- 1889b-91a. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 2(78): 113-128, pl. 59 (August 1889), (79): 129-152, pls. 60-62 ([10] October 1889), (80): 153-184, pls. 63-64 ([20] November 1889), (87): 185-208, pl. 65 (August 1890), (88): 209-240, pls. 66-67 (October 1890), (89): pls. 68-69 (November 1890), (90): pl. 70 (December 1890), (91): pls. 71-72 (February 1891) [general; new taxa: *Catasticta bryson*, *C. hegemon*, *C. cerberus*, *Archonias lyceas*, *Pieris laogore*, *Rhabdodryas*, *Kricogonia unicolor*, *Terias cepio*, *Dismorphia myris*, *Acmepteron* (new genus) *lala*, *Enantia marion*, *Pseudopieris*, *Papilio mycale*, *P. procas*, *P. belephantas*, *P. pharax*, *P. epidaurus*, *P. tolus*, *P. tolmidas*, *P. phanostratus*, *P. polycharmus*, *P. zalates*, *P. cephalus*]
- 1891b. *Lepidoptera. Rhopalocera*, pp. 96-110. In: Whympers, E., *Supplementary appendix to Travels amongst the Great Andes of the Equator*. London, John Murray. xxii + 147 pp., 42 figs., 14 pls. ([before October]) [general; new species: *Ithomia consobrina*, *Lycaena andicola*, *Colias alticola*; ecology]
- 1893-94a. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 2(107): 241-256 ([29] March 1893), (108): 257-264, pls. 73-74 (April 1893), (109): 265-288 (May 1893), (110): 289-296, pl. 75 ([25] August 1893), (111): pl. 76 (September 1893), (112): 297-312 (October 1893), (113): 313-328 (November 1893), (114): 329-352, pls. 77-78 ([27] January 1894), (115): pls. 79-80 (February 1894), (116): pl. 81 ([29] April 1894), (117): 353-360 ([30] July 1894) [general; new taxa: *Pyrrhopyge zenodorus*, *P. gellias*, *P. haemon*, *Jemadia macleannani*, *Myscelus hages*, *Azonax*, *Eudamus chales*, *E. miltas*, *E. crison*, *E. auginulus*, *E. alciphron*, *Plestia elwesi*, *Phocides belus*, *Heteropia melon*, *Epargyreus gaumeri*, *Telegonus ampyx*, *T. consus*, *Thymele eniopeus*, *T. phalaecus*, *T. chrysorrhoea*, *Dsycophellus*, *Nascus eugamon*, *Cecropterus capys*, *Phoedinus* (new genus) *aventinus*, *Cocceius*, *Cabares* (new genus) *enops*, *Cogia elunia*, *Typhedanus alladius*, *Caecina calanus*, *Orneates*, *Pythonides anicius*, *P. belti*]
- 1894b. Descriptions of new species of Rhopalocera from Mexico and Central America. *Annals and Magazine of natural History* (6)14(80): 95-98 (1 August) [*Opsiphanes staudingeri*, *Synchloe eumeda*, *S. dryope*, *S. hylaeus*, *S. endeis*, *Callicore asteria*, *Anaea schausiana*; Panama]
- 1894c-95a. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 2(118): 361-376, pl. 82 (October 1894), (119): 377-384, pl. 83 (November 1894), (120): pl. 84 ([29] January 1895), 385-400, (121): pl. 85 ([30] March 1895) [general; new taxa: *Pythonides menedemus*, *P. scybis*, *P. phila*, *P. pelopea*, *Eracon*, *Gorgopas*, *Pellicia tiphys*, *P. thyestes*, *Nisoniades* (?) *pelarge*, *Cyclosaemia phidyle*, *Gorgophone* (new genus) *meliboaea*, *Echelatus*, *Grais*, *Celaenorrhinus variegatus*, *Mylon*, *Eudamidas*, *Xenophanes* (new genus) *ruatanensis*, *Carrhenes* (new genus) *calidius*, *C. callipetes*, *Potamanax pammenes*, *P. paralus*, *P. melicertes*, *P. caliadne*, *Achlyodes calavius*, *A. bubaris*, *A. fasciata*, *A. colotes*, *Sostrata* (new genus) *leucorrhoea*, *S. pusilla*, *Paches*]
- 1895b. On a new species of Hesperidae of the genus *Amenis*, Watson. *Annals and Magazine of natural History* (6)15(88): 372-373 (1 April) [A. baroni; Peru]
- 1895c-96a. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 2(122): pl. 86 ([30] May 1895), (125): 401-416, pl. 87 ([29] October 1895), (128): 417-424, pl. 88 (March 1896) [general; new taxa: *Ate* (new genus) *proxenus*, *A. pteras*, *Milanion* (new genus) *marciana*, *M. marica*, *Doberes*, *Masices* (new genus) *sobrinus*, *Diaeus*, *Onenses*, *Gindanes* (new genus) *panaetius*, *G. brontinus*, *Timochares*, *Ebrietas*, *Camptopleura tisas*, *Diphoridas*, *Gorgythion*]
- 1896b. On the butterflies of St. Vincent, Grenada, and the adjoining islands of the West Indies. *Proceedings of the zoological Society of London* 1896(2): 513-520 (1 August) [general; new species: *Thecla cybele*, *T. piplea*, *T. angerona*, *Telegonus anaasis*, *Prenes eugeon*, *Hylephila dictynna*]
- 1896c. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 2(131): 425-440, pl. 89 (October) [general; new taxa: *Theagenes*, *Staphylus* (new genus) *cyliadus*, *S. evippe*, *S. orsines*, *S. imbras*, *S. saletas*, *S. evemerus*, *Scantilla* (new genus) *opites*, *Timochreon*, *Zopyrion* (new genus) *sandace*, *Z. evenor*]
- 1897a. Descriptions of new species of Central and South American Rhopalocera. *Transactions of the entomological Society of London* 1897(2): 241-248 (2 July) [*Danais nivosus*, *D. erginus*, *Ituna lanassa*, *Olyras praestans*, *O. staudingeri*, *Tithorea monosticta*, *Phyciodes faustus*, *P. anomalus*, *Anaea elara*, *Lemonias eudocia*, *Theope speciosa*, *T. talna*, *T. matuta*, *T. diores*, *T. polimela*, *T. mania*, *T. eleutho*, *Papilio eracon*, *P. iopas*]
- 1897b. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 2(137): 441-448 ([28] September), (138): pl. 90 ([17] November) [general; new taxa: *Pholisora clytius*, *Atarnes*, *Heliopetes cnemus*]
1898. Descriptions of new species of American Rhopalocera. *Transactions of the entomological Society of London* 1898(1): 105-112 (20 April) [*Tithorea furina*, *T. flacilla*, *T. hermius*, *T. parola*, *Melinaea crameri*, *M. egesta*, *M. macaria*, *Methona psamathe*, *Thyridia colombiana*, *T. pallida*, *Mechanitis equicoloides*, *M. sylvanoides*, *Callithomia butes*, *C. procne*, *C. megaleas*, *C. philomela*; Panama, South America]
1899. *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 2(147): 449-456 (April) [general; new genera: *Celotes*, *Chiomara*]
- Godoy, Freddy**  
2003. See Morales, P. et al., 2003.
- Godoy, María Eugenia**  
2006. *Mister Hayward, el inglés de las mariposas – noticia biográfica*, pp. 155-165. In: *Actas del Primer Congreso sobre la Historia de la Universidad Nacional de Tucumán*. Tucumán, Universidad Nacional de Tucumán. [general; Argentina]
- Godoy-Vitorino, Filipa**  
2018. See Van Schooten, B. et al., 2018.
- Goeden, Richard Dean** [1935- ]  
1978. Part II: Biological control of weeds, pp. 357-414. In: Clausen, C. P. (Ed.), *Introduced parasites and predators of arthropod pests and weeds: A world review. Agriculture Handbook. United States Department of Agriculture* 480: vi + 545 pp. (January) [*Strymon echion* (Linnaeus), *S. bazochii* (Godart); life histories; host plants; Mexico]

**Goehring, Liz, and Karen Suzanne Oberhauser**

2004. *Environmental factors influencing postdiapause reproductive development in monarch butterflies*, pp. 187-196, 6 figs., 3 tabs. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration; Mexico]

**Goeldi, Emil August [1859-1917]**

1894. Observações e impressões durante a viagem costeira do Rio de Janeiro ao Pará (12 de Maio a 7 de Junho de 1894). *Boletim do Museu paraense de Historia natural e Ethnographia* 1(1): 44-56 (September) [general; Brazil]
1896. A fauna do Pará pelo Dr. Fr. Dahl. Lente na Universidade de Kiel (Alemanha), zoólogo da "Plankton-Expedition" (1889). Da obra "Ergebnisse der Plankton-Expedition vol. IE. Reisebeschreibung (Kiel & Leipzig 1892)" vertido do alemão e anotado com observações críticas. *Boletim do Museu paraense de Historia natural e Ethnographia* 1(4): 357-375 (October) [general; behavior; Brazil]
- 1900a. Grossartige Schmetterlingszüge am Amazonenstrom. *Die Schweiz* (Zürich) 4(19): 441-444, 2 figs. (30 September) [also in *Prometheus* (Berlin) 13(24)(648): 376-380, figs. 302-303; 1902] [*Eurema albula* (Cramer), *Catopsilia statira* (Cramer); behavior; Brazil]
- 1900b. Schmetterlingszüge im Amazonengebiet. *Mitteilungen der Naturforschenden Gesellschaft in Bern* 1899: vi-vii. [*Catop-silia* spp.; Brazil]
- 1900c. [Aspectos da natureza no Brasil], pp. 48-55. In: Associação do Quarto Centenario do Descobrimento do Brasil, *Livro do Centenario (1500-1900)*. Rio de Janeiro, Imprensa Nacional. 1. [general]
1904. Grandiosas migrações de borboletas no valle amazonico. *Boletim do Museu paraense de Historia natural e Ethnographia* 4(2/3): 309-316, 2 pls. (December) [*Eurema albula* (Cramer), *Catopsilia statira* (Cramer); Brazil]

**Goense-Wagemaker, E. J. G.**

1984. Lista de plagas y enfermedades de plantas cultivadas en Suriname. *Boletín semestral de la Comisión de Protección fitosanitaria para el Caribe* 12(2): 9-40 ("July-December 1983", 1984) [general; host plants]

**Goergen, Josef, and Hartmut Steiniger**

1979. Oekologische Beobachtungen in Porto Alegre (Rio Grande do Sul/Brasilien). Ein Beitrag zur urbanen Oekosystemforschung in den südamerikanischen Subtropen. *Atalanta* 10(4b): 397-403 (December) [general]

**Goeze, Johann August Ephraim [1731-1793]**

1775. Namenregister aller in dem Röselschen Insectenwerke befindlichen Schmetterlinge nach Linneischer Benennung. *Naturforscher* (Halle) 7: 117-150 (after 4 February) [general]
1776. Verzeichniss der Insekten in den Kleemanischen Beyträgen zu Rösels Insektenbelustigung, nach Linneischer Benennung. *Naturforscher* (Halle) 9: 75-78 [general]
- 1779-83. *Entomologische Beyträge zu des Ritter Linné zwölften Ausgabe des Natursystems*. Leipzig, Weidmanns Erben und Reich. 3(1): xl + 390 pp. ([4 December] 1779), (2): xxiv + 350 pp. ([16 December] 1780), (3): xlviii + 439 pp. ([29 November] 1781), (4): xx + 178 pp. ([30 October] 1783) [general; not consistently binominal]

**Gogry, Caroline**

1997. See Pierre, J. & C. Gogry, 1997.

**Goidanich, Athos [1905-1987]**

1975. Uomini, storie e insetti italiani nella scienza del passato. I precursori minori. *Redia* 57: 1-509, figs. 1-289; 58: 515-

1060, figs. 290-628 [general]

**Goitia, William**

1999. See Osborn, F. R. et al., 1999.

**Golbach, Rodolfo Luis Pablo [1916-2000]**

1952. Notas sobre algunos insectos teratológicos. *Acta zoologica Lilloana* 10: 189-196, pls. 1-2, 2 figs. [*Atrophaneura zacyanthus* (Fabricius); Bolivia]

**Gold, Clifford Scott, Bruno Pinese and Jorge E. Peña**

2002. *Pests of banana*, pp. 13-56, 1 tab. In: Peña, J. E., J. L. Sharp & M. Wysoki (Eds.), *Tropical fruit pests and pollinators. Biology, economic importance, natural enemies and control*. Wallingford, CABI Publishing. [*Caligo, Opsiphanes*; parasitoids; Brazil]

**Goldfuss, Georg August [1782-1848]**

1820. *Handbuch der Zoologie. Erste Abtheilung*, xlvi + 696 pp., 2 pls. In: Schubert, G. H., *Handbuch der Naturgeschichte, zum Gebrauch bei Vorlesungen*. Nürnberg, Johann Leonhard Schrag. 3(1). ([18 October]) [general]
1834. *Grundriss der Zoologie*. Nürnberg, Johann Leonhard Schrag. x + 676 pp. (Ed. 2; Ed. 1, 1826) [general]

**Goldman-Huertas, Benjamin**

2011. See Vila, R. et al., 2011.
2012. See Russell, J. A. et al., 2012.

**Goldschmidt, Richard Benedict [1878-1958]**

1945. Mimetic polymorphism, a controversial chapter of Darwinism. *Quarterly Review of Biology* 20(2): 147-164, 2 figs., 4 tabs. (June), (3): 205-230, figs. 3-15 (September) [general; genetics; Neotropics]

**Goldstein, Paul Z., and Robert DeSalle**

2011. Integrating DNA barcode data and taxonomic practice: Determination, discovery, and description. *BioEssays* 33(2): 135-147, 2 figs. (February; published online 23 December 2010) [Hesperiidae]

**Golfari, Lamberto, Roberto Luiz Caser and Vicente Pongitory Gifoni Moura**

1978. Zoneamento ecológico esquemático para reflorestamento no Brasil (2ª aproximação). *Série técnica. Instituto brasileiro de Desenvolvimento florestal. Ministerio da Agricultura* (Brasília) 11: 1-6, 84 figs., maps [*Euselasia euphloia* [sic] var. *eucaerus* [sic] (Hewitson); host plants]

**Goluchowska, Katarzyna**

2017. See Tarkowski, R. et al., 2017.

**Gomard, Guillaume**

2015. See Siddique, R. H. et al., 2015.

**Gombauld, Pascal, and Michel Duranton**

2004. *Les insectes: Un universe de diversité*, pp. 9-17, figs. In: Gombauld, P. (Ed.), *Insectes de Guyane: Beauté et diversité*. Cayenne, Sepanguy (December) [general; Franch Guiana]

**Gomes, Gustavo Crizel**

2016. See Siewert, R. R. et al., 2016a.

**Gomes, Jair**

1968. See Silva, A. G. d'A. e et al., 1968.

**Gomes, Jalmirez Guimarães**

1938. See Rangel, J. F. & J. G. Gomes, 1938.
1940. Chave de campo para determinação das principaes pragas dos citrus. *Revista da Sociedade brasileira de Agronomia* (Rio de Janeiro) 3(1): 58-108, 7 pls. (March), (2): 246 (June) [*Papilio* spp.; life histories; Brazil]
1945. See Rego, C. do V. et al., 1945.
1951. See Rego, C. do V. et al., 1951.
- 1952a. See Rego, C. do V. et al., 1952a.
- 1952b. See Rego, C. do V. et al., 1952b.
- 1952c. See Rego, C. do V. et al., 1952c.

**Gomes, Patrícia Pereira**

2019. See Rosa, A. H. B. et al., 2019b.

- Gomes, Verônica Souza da Mota**  
2003. See Lagos, A. R. et al., 2003.
- Gomes, Victor, Giselle Martins Lourenço, Déborah Soldati, Critiano Agra Iserhard, Thadeu Sobral Souza, Lucas Augusto Kaminski and André Victor Lucci Freitas**  
2014. New geographical records for the threatened butterfly *Actinote quadra* (Lepidoptera: Nymphalidae: Heliconiinae). *Journal of the Lepidopterists' Society* 68(4): 289-292, 2 figs. (21 November) [distribution; Brazil]
- Gomes-Filho, Ariundo**  
2002. See Costa, F. A. P. L. & A. Gomes-Filho, 2002.  
2003. Seasonal fluctuation and mortality schedules for immatures of *Hypna clytemnestra* (Butler), an uncommon Neotropical butterfly (Nymphalidae: Charaxinae). *Journal of Research on the Lepidoptera* 37: 37-45, 4 figs., 1 tab. ("15 May", [1 September]) [host plant; parasitoids, predators; Brazil]
- Gomes Junior, Raimundo Nonato, Roseane Cristina Predes Trindade, Adriana Guimarães Duarte, Ronycleide da Silva Sousa and Anderson Rodrigues Sabino**  
2017. Avaliação da mortalidade de *Ascia monuste orseis* (Lepidoptera: Pieridae) com extratos de *Dioscorea rotundata* e de *Chenopodium ambrosioides*. *Revista brasileira de Agroecologia* 12(2): 159-163, 2 tabs. [host plant; Brazil]
- Gómez, Alberto**  
2002. See Fagua, G. et al., 2002.
- Gómez, Benigno**  
2010. See McClay, A. S. et al., 2010.
- Gómez, Benigno, María del Carmen Pozo, León Felipe de la Mora-Estrada, Martín Roberto Domínguez, Misraim Edivaldo Rodríguez and Lorena Ruiz-Montoya**  
2017. *Diversidad de insectos colectados en cuatro localidades de la Reserva de la Biosfera Selva El Ocote*, pp. 171-253, 7 figs., 4 tabs. In: Ruiz-Montoya, L., G. Álvarez-Gordillo, N. Ramírez-Marcial & B. Cruz-Salazar (Eds.), *Vulnerabilidad social y biológica ante el cambio climático en la Reserva de Biosfera Selva El Ocote*. San Cristóbal de las Casas, El Colegio de la Frontera Sur (September) [general; Mexico]
- Gómez, Daniel**  
2014. See Pozos, L. F. et al., 2014.  
2017. See Córdoba, J. & D. Gómez, 2017.
- Gómez, Doris**  
2018a. See Debat, V. et al., 2018.  
2018b. See Gruson, H. et al., 2018.  
2019a. See McClure, M. et al., 2019a.  
2019b. See Arias, M. M. et al., 2019.
- Gómez, Evelin María**  
2018. See Agudelo, J. C. et al., 2018.
- Gómez, Hilda, and Mary Whu**  
1993. Parasitoides, predadores y entomopatógenos de insectos plaga de importancia agrícola, registrados en el Perú. *Manual. Instituto nacional de Investigación agraria* (Lima) 16-93: 1-118 (November) [*Nyctelius nyctelius* (Latreille)]
- Gómez, Inés Johanna**  
[2016]. See Villalobos, A. & I. J. Gómez, [2016]
- Gómez, Iris**  
2018. See Núñez, H. et al., 2018.
- Gómez, Isrrael**  
2015. See Vihakas, M. et al., 2015.
- Gómez, Jimena**  
2011. See Campos, L. R. et al., 2011.
- Gómez, Juan** [1903-1983]  
1934. Estudio de las plagas del datilero en la República Dominicana. *Revista de Agricultura y Comercio* (Santo Domingo) 27(84): 2617-2618, 3 figs. (September) [*Atrytone vitelius* (Fabricius); life history; parasitoid]
- Gómez, Luis Antonio**  
2004. Brote de *Caligo illioneus* en el valle del río Cauca. *Carta trimestral CENICAÑA* 26(2/3): 4-5, 1 fig., 1 tab. (September) [host plant; Colombia]
- Gómez, Luis Antonio, and Luz Adriana Lastra**  
1995. *Insectos asociados con la caña de azúcar en Colombia*, pp. 237-263, 19 figs. In: Cassalet, C., J. S. Torres & C. H. Isaacs (Eds.), *El cultivo de la caña en la zona azucarera de Colombia*. Cali, CENICAÑA. [*Caligo illioneus* (Cramer); host plant]  
1998. Manejo integrado de plagas. *Caligo illioneus*: el gusano cabrito. *Carta trimestral CENICAÑA* 20(1): 8-13, 2 figs., 4 tabs. (March) [life history; host plant; parasitoid; Colombia]
- Gómez, Luis Diego** [1944-2009]  
1977. The behavior of an inebriated *Opsiphanes cassiae* (Brassolidae). *Journal of the Lepidopterists' Society* 31(3): 203-204 (16 September) [Costa Rica]  
1983a. Beauty and the beast. *Brenesia* (San José) 21: 458 (December) [*Morpho amathonte* Deyrolle; behavior; Costa Rica]  
1983b. *Parasitic plants (Parásitas Verdaderas)*, pp. 292-298, 2 figs. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press [*Papilio birchalli* Hewitson, *Catantacta*, *Thecla*; host plants; Costa Rica]
- Gómez, Luz Miryam**  
2005. See Álvarez, C. F. et al., 2005.  
2009. See Elias, M. et al., 2009.  
2009. See Giraldo, C. E. et al., 2009.  
2017. See Silva, D. L. de et al., 2017.
- Gómez, Luz Miryam, Carlos Eduardo Giraldo, Andrés López and Sandra Inés Uribe**  
2009. Diferenciación morfológica y molecular de *Oleria makrena* (Hewitson) y *Oleria fumata* (Haensch) (Lepidoptera: Ithomiinae). *Neotropical Entomology* 38(5): 616-623, 5 figs. (October) [Colombia]
- Gómez, Luz Miryam, and Sandra Inés Uribe**  
2007. Preservación y almacenamiento de ADN de mariposas utilizando papel filtro. *Revista colombiana de Entomología* 33(2): 197-199, 1 fig. (December) [*Oleria fumata* (Haensch), *O. makrena* (Hewitson); Colombia]
- Gómez, María del Carmen**  
2000. See Shahabuddin, G. et al., 2000.
- Gómez, María del Rosario**  
2002. See Fagua, G. et al., 2002.  
2006. Plan de manejo propuesto para la cría de mariposas promisorias como alternativa productiva para comunidades indígenas de la Amazonía colombiana. *Boletín de la Sociedad entomológica aragonesa* 38: 451-460, 5 figs., 3 tabs. (30 April) [general]
- Gómez, María del Rosario, and Giovanni Fagua**  
2002. Ciclo de desarrollo y hospederos de *Heraclides anchisiades* (Lepidoptera: Papilionidae). Un modelo exploratorio para evaluar la sostenibilidad de la cría de mariposas ornamentales en la Comunidad Indígena de Peña Roja. *Revista colombiana de Entomología* 28(1): 69-81, 7 figs., 3 tabs. (May) [general; host plants; Colombia]
- Gómez, Miguel Rafael** [1919-1985]  
1984. Butterflies of South America (1984), por Bernard D'Abrebra. *Shilap* 12(46): 152, 164 (10 July) [book review; general]
- Gómez, Modesto, and Jean-Michel Maes**  
2005. Insectos asociados al cultivo de chan (*Hyptis suaveolens*). *Revista nicaragüense de Entomología* 65(Supl. 2): 1-58, figs. (December) [*Eurema daira* (Godart); Nicaragua]

- Gómez, Paola**  
2003. See Bojórquez, L. A. et al., 2003.
- Gómez, Patricia**  
2003. See Monge-Nájera, J. & P. Gómez, 2003,
- Gómez, Pedro León**  
1991. See Calvache, H. H. & P. L. Gómez, 1991.
- Gómez, Rafael**  
2013. See Hernández, L. M. et al., 2013.
- Gómez, Ricardo Ernesto, Lizzette Hernández, Ricardo Estébez George, José Miguel Sermeño and Miguel Rafael Paniagua**  
2014. Diversidad de mariposas de la familia Nymphalidae (Lepidoptera: Rhopalocera) en los municipios de La Palma, departamento de Chalatenango y municipios de Quezaltepeque, departamento de La Libertad, El Salvador. *Bioma* (San Salvador) 2(15): 7-11, 2 figs., 2 tabs. (January) [general]
- Gómez, Ricardo Ernesto, Ricardo Estébez George, Lizzette Hernández, José Miguel Sermeño and Miguel Rafael Paniagua**  
2008. *Guía ilustrada de insectos asociados al árbol de nance* (*Byrsonima crassifolia* L.) en los Municipios de La Palma, Departamento de Chalatenango y Quezaltepeque, Departamento de La Libertad, El Salvador, C. A. San Salvador, Universidad de El Salvador, Facultad de Ciencias Agronómicas. [1] + 61 pp., 22 pls. (June) [general; host plants]
- Gómez, Ulda Nury**  
2016. See Sánchez-Soto, S. et al., 2016.
- Gómez, Walter Fabio**  
2011. See Marín, O. H. et al., 2011.
- Gómez-Castañeda, Julio César**  
2016. See Cabrera, R. et al., 2016.  
2018a. See Morales-Morales, C. J. et al., 2018a.  
2018b. See Morales-Morales, C. J. et al., 2018b.  
2019. See Morales-Morales, C. J. et al., 2019.
- Gómez-Castañeda, Julio César, Exequiel Ezcurra and Judith Becerra**  
1987. Respuesta de una comunidad de insectos fitófagos a la pubescencia foliar en el "madroño", *Arbutus xalapensis* H.B.K. *Folia entomologica mexicana* 70: 99-105, 2 tabs. (30 March) [*Eucheira socialis* Westwood; host plant; Mexico]
- Gómez-Leyva, Juan Florencio**  
2017. See García-Mendoza, A. J. et al., 2017.
- Gómez-Moreno, Vannia del Carmen**  
2014. See Meléndez-Jaramillo, E. et al., 2014.
- Gómez de Vidaurre, Felipe** [1737-1818]  
1889. *Historia Geográfica, Natural y Civil del Reino de Chile. Publicada con una introducción biográfica y notas por J. T. Medina*. Santiago de Chile, Imprenta Ercilla. 1: xviii + 357 pp. [general]
- Gómez-Nucamendi, Olga L.**  
2003. See León, J. L. et al., 2003.
- Gómez-Pérez, Susana**  
2013. See Pacheco-Flores, C. et al., 2013.
- Gompert, Zachariah**  
2008a. See Forster, M. L. et al., 2008.  
2008b. See Elias, M. et al., 2008.  
2009. See Elias, M. et al., 2009b  
2011. See Merrill, R. M. et al., 2011b.  
2018. See Schilling, M. P. et al., 2018.  
2019. See Nice, C. C. et al., 2019.
- Gompert, Zachariah, James A. Fordyce, Matthew L. Forster, Arthur Maurice Shapiro and Chris C. Nice**  
2006. Homoploid hybrid speciation in an extreme habitat. *Science* 314(5807): 1923-1925, 3 figs. (22 December) [*Lycaeides melissa* (Edwards); Mexico]
- Gompert, Zachariah, Keith Richard Willmott and Marianne Elias**  
2011. Heterogeneity in predator micro-habitat use and the maintenance of Müllerian mimetic diversity. *Journal of theoretical Biology* 281(1): 39-46, 6 figs., 3 tabs. (21 July; published online 30 April) [Ithomiini]
- Gonçalves, Américo José Lobo** [ -2006]  
1968. See Silva, A. G. d'A. e et al., 1968.  
1973. See Gonçalves, C. R. & A. J. L. Gonçalves, 1973.  
1975. See Gonçalves, C. R. & A. J. L. Gonçalves, 1975.
- Gonçalves, Cincinato Rory** [1909-1985]  
[1947]. Males da carnaúba no Ceará e no Piauí. *Boletim fitossanitário* (Rio de Janeiro) 3(3/4): 145-170, 34 figs. ("September-December 1946", [1947]) [*Brassolis sophorae* (Linnaeus), *Opsiphanes invirae* (Hübner); life histories; host plants; Brazil]  
1968. See Silva, A. G. d'A. e et al., 1968.
- Gonçalves, Cincinato Rory, and Américo José Lobo Gonçalves**  
1973. Novas observações sobre insetos hospedeiros de moscas da família Tachinidae (Diptera). *Agronomia* (Rio de Janeiro) 31: 9-15 [general; Brazil]  
1975. Novas observações sobre moscas da família Tachinidae que parasitam lepidópteros. *Revista brasileira de Biologia* 34(4): 531-534 ("December 1974", 20 June 1975) [general; Brazil]
- Gonçalves, Gislene Lopes**  
2014a. See Silva, A. K. et al., 2014.  
2014b. See Barão, K. R. et al., 2014.  
2015. See Massardo, D. et al., 2015.  
2017. See Moreira, G. R. P. et al., 2017.  
2018. See Rossato, D. O. et al., 2018a.
- Gonçalves, Maria de Fátima Barros**  
1979. See Sales, F. J. M. de et al., 1979.
- Gondim, Manoel Guedes Correa, Jr.**  
2006. See Souza, N. A. de et al., 2006.
- Gonring, Alfredo Henrique Rocha**  
2000. See Moura, M. F. de et al., 2000.  
2002. See Crespo, A. L. B. et al., 2002.
- Gontijo, Lessandro Moreira**  
2003. See Picanço, M. C. et al., 2003.
- Gontijo, Pablo da Costa**  
2010. See Picanço, M. C. et al., 2010.
- Gonzales, Henry**  
2008. Insectos fitófagos de *Brunfelsia grandiflora* (chirik sanango) en Tarapoto, Perú. *Sistemas agroecológicos y Modelos biomatemáticos* 1(1): 76 (September) [*Methona confusa* Butler; host plant]
- Gonzales, Henry, Ronald Mori and Román Pinedo**  
2009. Una visita al Centro de Capacitación y Reproducción de la Biodiversidad Amazónica – Pukalluichu en Tarapoto, Perú. *Sistemas agroecológicos y Modelos biomatemáticos* 2: 44-49, 13 figs. (June) [general]
- Gonzales, Marco Antonio**  
2016. See Domínguez, J. E. et al., 2016.
- Gonzales, Raúl**  
2006. See Vecco, C. D. & R. Gonzales, 2006.
- Gonzales, Wilfredo L.**  
2009. See Suárez, L. H. et al., 2009.
- González, Alejandra V., Maureen Murúa and Patricia A. Ramírez**  
2014. Temporal and spatial variation of the pollinator assemblages in *Astroemeria ligtu* (Astroemeriaceae). *Revista chilena de Historia natural* 87(5): 1-4, 1 fig., 1 tab.



- (published online 26 March) [*Elina* sp., Nymphalidae, *Phoebis* [sic] *mercedis*; Chile]
- González, Allan**  
1998. See Soto, G. & A. González, 1998.  
1999. See Soto, G. & A. González, 1999.
- González, Allan, and Gerardo Soto**  
1999. Bombyliidae y Tachinidae (Diptera) parasitoides de Lepidoptera en Costa Rica. *Revista de Biología tropical* 46(4): 1147-1148, 1 tab. ("December 1988", October 1999) [*Chlosyne janais* (Drury), *C. lacinia* (Geyer), *Pythonides hyacinthinus* (Mabille); host plants]
- González, Alvaro**  
1983. See Pava, J. et al., 1983.
- González, C.**  
2005. See Tobler, A. et al., 2005.
- González, Carlos**  
2000. See Díaz, A. et al., 2000.
- González, Carlos A.**  
1970. See Mathieu J. M. & C. A. González, 1970.
- González, Catalina**  
2016a. *Factores que explican la diversidad de mariposas*, pp. 47-53, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; Colombia]  
2016b. *Las mariposas en tiempo de cambio global*, pp. 106-117, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; Colombia]
- González, Daniel**  
1950. Hno. Apolinar María. El hombre que entendió el lenguaje de las mariposas. *Boletín de la Sociedad de Ciencias naturales Caldas* 51: 74-86, figs. [reprinted in *Revista Social de la Universidad católica de La Salle* (Bogotá) 2(7): 33-41; December 1980] [general; Colombia]
- González, Eutimio**  
2009. See Rodríguez, G. et al., 2009.
- González, Favio**  
1998. See Fagua, G. et al., 1998.  
2004. Herbivoría en una gimnosperma endémica de Colombia, *Zamia encephalartoides* (Zamiaceae) por parte de *Eumaeus* (Lepidoptera: Lycaenidae). *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 28(107): 233-243, 4 figs. (June) [*E. cf. minijas* [sic] (Hübner); life history; behavior]
- González, Fernando**  
2015. See MacGregor, I. et al., 2015.
- González, Fernando L.**  
1987a. Three new species and one new subspecies in the *grannus* complex of Hispaniolan *Calisto* (Lepidoptera: Satyridae). *Bulletin of the Allyn Museum* 108: 1-17, 5 figs. (3 September) [*C. grannus dilemma*, *C. phoinix*, *C. amazona*, *C. dystacta*]  
1987b. See Schwartz, A. et al., 1987.  
1988. See Schwartz, A. & F. L. González, 1988.
- González, Fernando L., Albert Schwartz and David Kenneth Wetherbee**  
1991. A new species of *Calisto* (Lepidoptera: Satyridae) of the *lyceia* complex on Hispaniola. *Contributions in Biology and Geology. Milwaukee Public Museum* 80: 1-8, 2 figs. (1 November) [*C. tasajera*; República Dominicana]
- González, Harryson**  
2018. See Whitworth, A. et al., 2018a.
- González, Hugo**  
1984. See Ortiz, F. et al., 1984.
- González, Jorge Manuel**  
2003. See Orellana, A. M. & J. M. González, 2003.  
2004. In memoriam: Harold Skinner Anderson 1917-2004. *Entomotropica* 19(3): 169-170, 1 fig. (December) [*Heliconius burneyi skinneri* Brown & Fernández, *Callithomia lenea skinneri* Masters; Venezuela]  
2005a. See Romero, F. et al., 2005.  
2005b. *Los insectos en Venezuela*. Caracas, Fundación Bigott. 149 pp. (July) [general; history]  
2008. See Sandoval, M. F. et al., 2008.  
2009a. See Romero, F. & J. M. González, 2009.  
2009b. Neild, Andrew F. E. 2008. The butterflies of Venezuela. Part 2: Nymphalidae II (Acraeinae, Libytheinae, Nymphalinae, Ithomiinae, Morphinae). A comprehensive guide to the identification of adult Nymphalidae, Papilionidae, and Pieridae. *Florida Entomologist* 92(2): 407-408 (June) [general; book review]  
2014a. See Hernández-Baz, F. & J. M. González, 2014.  
2014b. See Hernández-Baz, F. et al., 2014.  
2016a. See Hernández-Baz, F. et al., 2016a.  
2016b. See Hernández-Baz, F. et al., 2016b.  
2017. See Domagała, P. J. et al., 2017.  
2018. René Lichy, el aventurero apasionado de las mariposas. *Revista nacional de Cultura* (San José) 70: 105-111, 2 figs. (August) [general; history; Guatemala, Venezuela]  
2019. See Hernández-Baz, F. et al., 2019.
- González, Jorge Manuel, and Paweł J. Domagała**  
2019. A catalogue of the Castniidae (Lepidoptera) in the California Academy of Sciences, with general and historical comments. *Annals of the Upper Silesian Museum in Bytom. Entomology* 28: 1-24, 14 figs. (8 March) [general; Neotropics]
- González, Jorge Manuel, and Andrés Miguel Orellana**  
2014. Adiciones, rectificaciones y actualizaciones a "Mariposas de Venezuela" por Théophile Raymond. V. Lycaenidae, Riodinidae y Geometridae (Insecta: Lepidoptera). *Shilap* 42(165): 19-26 (30 March) [general]
- González, Jorge Manuel, Andrés Miguel Orellana and Gerardo Lamas**  
[2008]. Adiciones, rectificaciones y actualizaciones a "Mariposas de Venezuela" por Théophile Raymond. IV. Pieridae y Hesperidae (Lepidoptera). *Entomotropica* 20(3): 265-259 ("December 2005", [February 2008]) [general]
- González, Jorge Manuel, and Francisco de Asís Romero**  
1996. Fauna del Parque Nacional "Henri Pittier", Aragua, Venezuela: Lista de Papilioninae (Papilionidae: Lepidoptera). Diagnóstico y comentarios. *Memoria de la Sociedad de Ciencias naturales La Salle* (Caracas) 56(145): 35-44 (January-June) [general; behavior; host plants]
- González, José A.**  
1962. See Báscones, L. et al., 1962.
- González, José Fernando**  
2009. See Montero, J. J. & J. F. González, 2009.
- González, Juan Ezequiel**  
1959. See Bocanegra, S. et al., 1959.  
1963. See Simón, J. E. et al., 1963.  
1964a. See Simón, J. E. et al., 1964a.  
1964b. See Simón, J. E. et al., 1964b.  
1967. Plagas del frijol y su control químico. *Boletín técnico. Servicio de Investigación y Promoción agraria. Ministerio de Agricultura* (Lima) 69: 1-28, figs., tabs. (February) [*Urbanus proteus* (Linnaeus), *Thecla* sp.; Peru]  
1973. Hortalizas. Plagas principales y recomendaciones de control. *Boletín de Divulgación. Departamento de Entomología. Estación experimental agraria de La Molina. Ministerio de Agricultura* (Lima) 3: 1-3 (October) [*Pieris* (*Pontia*) *monuste* (Linnaeus), *P. protodice* Boisduval & Le Conte; Peru]

**González, Luis Antonio**

2007. See Andrade, M. G. et al., 2007.  
2008. See Erazo, M. C. & L. A. González, 2008.  
2010. Las mariposas Satyrinae (Lepidoptera: Papilionoidea: Nymphalidae) en dos sectores de la Cordillera Oriental de Colombia con anotaciones ecológicas. *Revista nicaragüense de Entomología* 70(Supl. 2): 1-20, 5 figs., 1 tab. [general]  
2014. Detección y visualización de módulos para la fauna de mariposas neotropicales a través de la teoría de grafos. *Actualidades biológicas* (Medellín) 36(101): 97-106, 3 figs., 3 tabs. (December) [general; biogeography]

**González, Luis Antonio, and Miguel Gonzalo Andrade**

2009. Diversidad y biogeografía preliminar de las mariposas saltarinas (Lepidoptera: Hesperidae) de Colombia. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 32(124): 421-433, 4 figs., 1 tab. [general]

**González, Luis Lamberto** [1947-2006]

- 1977a. Reporte de la colecta en La Ceiba, Puebla. *Boletín informativo. Sociedad mexicana de Lepidopterología* 3(3): 6-7 (May-June) [general; Mexico]  
1977b. Una nueva forma de *Diaethria astala* Guér. *Revista de la Sociedad mexicana de Lepidopterología* 3(2): 93-94, 2 figs. (30 December) [*D. a.* forma *xicotepensis*; Mexico]  
1978a. Notas sobre la familia Papilionidae (Lepidoptera) en México. Barranca de Patla, Pue., y alrededores. *Boletín informativo. Sociedad mexicana de Lepidopterología* 4(3): 3-15, 1 map (May-June) [general; ecology]  
1978b. Notas sobre la variabilidad estacional del género *Dynamine* Hbn. (Lepidoptera: Nymphalidae), en México. *Revista de la Sociedad mexicana de Lepidopterología* 4(1): 23-28, 1 fig. (30 June) [general]  
1992. See Llorente, J. E. et al., 1992.  
1996. See Warren, A. D. & L. L. González, 1996.  
1999. See Warren, A. D. & L. González, 1999.

**González, Luis Lamberto, and Carlos Velázquez**

1977. Nueva forma de *Catacticta flisa* H-S. *Revista de la Sociedad mexicana de Lepidopterología* 3(2): 91-92, 4 figs. (30 December) [*C.f.* forma *ana*; Mexico]

**González, M.**

2006. See Mavárez, J. & M. González, 2006.

**González, María Isabel**

1998. See Monge-Nájera, J. et al., 1998.

**González, María Pioquinta, Gerardo Pérez and Isaías Chairez**

2013. *Revisión de las mariposas Papilionidae y Pieridae (Lepidoptera: Papilionoidea) del Estado de Durango*, pp. 1465-1469, 2 tabs. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(2). México, Sociedad mexicana de Entomología. [general; Mexico]

**González, Martha Sofía**

2006. See Pagaza, E. M. et al., 2006.

**González, Noel Antonio, Susana Ochoa, María del Carmen Pozo, Bruce Gordon Ferguson, Luis José Rangel, Stefan Louis Arriaga, Alejandro Ponce and Christian Kampichler**

2011. Indicadores ecológicos de hábitat y biodiversidad en un paisaje neotropical: perspectiva multitaxonómica. *Revista de Biología tropical* 59(3): 1433-1451, 2 figs., 1 tab. (September) [general; Mexico]

**González, Noel Antonio, María del Carmen Pozo, Susana Ochoa, Bruce Gordon Ferguson, Eduardo Cambranis, Orlando Lara, Isidro Pérez, Alejandro Ponce and Christian Kamplicher**

2016. Nymphalidae frugívoras (Lepidoptera: Papilionoidea)

asociadas a un ecosistema agropecuario y de bosque tropical lluvioso en un paisaje del sureste de México. *Revista mexicana de Biodiversidad* 87(2): 451-464, 5 figs., 3 tabs. (June; published online 24 May) [general]

**González, Ofelia**

1981. See Ramos, J. et al., 1981.

**González, Rafael**

1956. *Opsiphanes* sp., una nueva plaga de la caña de azúcar. *Agricultura tropical* (Bogotá) 12(11): 747-751, 4 figs. (November) [life history; Colombia]  
2019. See Paz, R. et al., 2019.

**González, Raiza**

2015. See Rivera, M. A. et al., 2015.

**González, Ranulfo**

2011. See Aguilera, A. et al., 2011.

**González, Rebecca M.**

2014. See Burg, N. A. et al., 2014.

**González, Roberto Hernán**

1971. La mariposa blanca de las crucíferas, *Pieris brassicae* (L.). Una nueva plaga recientemente detectada en Chile. *Boletín agrícola Shell* (Santiago de Chile) 30(2): 14-17, 2 figs. [host plants]  
1972. Nuevos focos de enfermedades y plagas. Chile. Oruga de la col. *Boletín fitosanitario de la FAO* (Roma) 20(4): 92, 1 fig. (August) [*Pieris brassicae* (Linnaeus)]  
1989. *Insectos y ácaros de importancia agrícola y cuarentenaria en Chile*. Santiago de Chile, Universidad de Chile. [8] + 310 pp., 261 figs. [*Leptotes trigemmatum* (Butler), *Pieris brassicae* (Linnaeus); host plants; parasitoids]  
1995. See Grez, A. A. & R. H. González, 1995.

**González, Roberto Hernán, Patricio Arretz and Luciano Elliot Campos**

1973. Catálogo de las plagas agrícolas de Chile. *Publicación en Ciencias agrícolas. Facultad de Agronomía. Universidad de Chile* 2: 1-68 (March) [general; host plants]

**González, Virginia**

1988. *La expedición científica de Malaspina en Nueva España. 1789-1794*. México, El Colegio de México. 528 pp., 4 pls., figs. [general; history; Mexico]

**González-Esquivel, José Gerardo, Antonio González-Rodríguez and Pablo Cuevas-Reyes**

2015. Importancia de la urbanización sobre los patrones de asimetría fluctuante[,] riqueza y abundancia de lepidópteros. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) Número especial 1: 88-93, 3 figs., 1 tab. (July) [general; Mexico]

**González-Fernández, María José**

2018. See Guil-Guerrero, J. L. et al., 2018.

**González-Hernández, Antonio**

2017. See Pérez-Miranda, R. et al., 2017.

**González-Mercado, Jhon Harryson**

2019. See Faynel, C. & J. H. González-Mercado, 2019.

**González-Rodríguez, Antonio**

2015. See González-Esquivel, J. G. et al., 2015.  
2016. See Pérez-Crespo, M. J. et al., 2016.

**González-Rojas, María F.**

2017. See Darragh, K. et al., 2017.  
2019. See Martin, S. H. et al., 2019b.

**González-Tochihuitl, Guadalupe**

2017. See Figueroa-Castro, D. M. et al., 2017.

**Gonzalo, Hermano**

1941. Los lepidópteros. (Dedicado a los coleccionistas del Colegio de Cristo). *El Estudiante* (Manizales) 4(10): 47-49 (September) [general; Colombia]  
1948-49. Catálogo entomológico del Museo del Colegio de Cristo. *El Estudiante* (Manizales) 11(21): 65-70, 6 figs.

- (November 1948); 12(22): 109-116, 8 figs. (November 1949) [general; Colombia]
- Gonzato, Jean-Christophe, and Bernard Pont**  
2004. A phenomenological representation of iridescent colors in butterfly wings. *Proceedings of the Winter School of Computer Graphics* (Plzen) 2004: 8 pp., 10 figs. [*Morpho menelaus* (Linnaeus); morphology]
- Good, Tatjana C.**  
2013. See Ferrer-Paris, J. R. et al., 2013a.
- Goodden, Robert Crane** [1940- ]  
1971. *Butterflies*. London, The Hamlyn Publishing Group Limited. 159 pp., figs. [reprinted, 1972] [general]  
1973. *All colour book of butterflies*. London, Octopus Books Limited. 72 pp., figs. [general; host plants; behavior; ecology; mimicry; Neotropics]  
1977. *The wonderful world of butterflies and moths*. London, Hamlyn. 96 pp., figs. [general]
- Goode, Mark Richard**  
1999. *An introduction to Costa Rican butterflies*. San José, Author. [2] + vi + 97 pp., 6 pls., figs., 2 maps. [general]
- Goodger, Kim**  
2003. See Bálint, Z. & K. Goodger, 2003.
- Goodger, Kim, and Phillip Ronald Ackery**  
2002. Bates, and the beauty of butterflies. *The Linnean* 18(1): 21-59, 6 pls. (January) [general; history; South America]
- Goodpasture, Carl**  
1973. A new subspecies of *Plebejus acmon* (Lepidoptera: Lycaenidae). *Pan-Pacific Entomologist* 49(2): 149-159, 20 figs., 1 tab. (11 July) [*P. a. texanus*; Mexico]  
2005. See Underwood, D. L. A. et al., 2005.
- Goodson, Frederick W.**  
1940a. See Brown, F. M. & F. W. Goodson, 1940a.  
1940b. See Brown, F. M. et al., 1940.  
1945. Notes and descriptions of new species of American Theclinae contained in the British Museum (Natural History) (Lep. Lycaenidae). *Entomologist* 78(990): 169-171 (16 November), (991): 184-187 (18 December) [general; *Thecla godmani*, *T. aganippe*, *T. arachne*, *T. arene*, *T. electryon*, *T. acontius*, *T. lotis*, *T. chione*, *T. callirrhoe*, *T. felderi*, *T. rita*, *T. cockaynei*, *T. balzabamba*; Central and South America]  
1946. Notes on American Theclinae (Lep. Lycaenidae). *Entomologist* 79(1002): 267 (20 November) [general]  
1947. Notes on the genus *Eumaeus* Hübner (Lep., Lycaenidae). *Entomologist* 80(1015): 273-276 (31 December) [general]
- Goral, Tomasz**  
2017. See Montejo-Kovacevich, G. et al., 2017.
- Gorayeb, Inocêncio de Sousa**  
1981. See Overal, W. L. & I. de S. Gorayeb, 1981.
- Gordon, Ian J.**  
2002. See Smith, D. A. S. et al., 2002.
- Gordon, Karl**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Gordon, Swanne**  
2018. See Rojas, B. et al., 2018.  
2019. See Arias, M. M. et al., 2019.
- Gordon, William C.**  
1971. See Swihart, S. L. & W. C. Gordon, 1971.
- Gorelick, Glenn A.**  
2005. A review of *Callophrys affinis* (W. H. Edwards), with descriptions of two new subspecies from New Mexico and Mexico. *Journal of the Lepidopterists' Society* 59(4): 181-199, 21 figs., 2 tabs. (16 December) [*C. a. albipalpus*, *C. a. chapmani*]
- Goreva, Yulia**  
2016. See Labandeira, C. C. et al., 2016.
- Gorman, James**  
1980. Mysteries of the monarch. *Discover* 1(3): 44-46, 3 figs. (December) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Gosse, Philip Henry** [1810-1888]  
1848. On the insects of Jamaica. *Annals and Magazine of natural History* (2)2(8): 109-114 (1 August), (9): 176-181 (1 September), (10): 268-273 (1 October) [general; behavior; ecology]  
1851. *A naturalist's sojourn in Jamaica*. London, Longman, Brown, Green, and Longmans. xxiv + 508 pp., 8 pls. ([17 October]) [general; host plants; behavior]  
1871. The Y-shaped organ of *Papilio* larvae. *Hardwicke's Science Gossip* 7(82): 224 (1 October) [*Papilio hyppason* Cramer; Surinam]  
1880a. On *Papilio homerus*, its ovum and larva. *Proceedings of the entomological Society of London* 1879(5): lv-lviii (23 February) [Jamaica]  
1880b. The butterflies of Paraguay and La Plata. *Entomologist* 13(208): 193-205, pl. 2 (September) [general; new species: *Leptalis perrensis*, *Anartia corona*, *Pyrrhogyra arge*, *Euptychia summandosa*, *Charis zabua*, *Thecla cimelium*, *T. cruenta*, *T. ivelia*]  
1881. The prehensores of male butterflies of the genera *Ornithoptera* and *Papilio*. *Proceedings of the royal Society* (London) 33(216): 23-27 (17 November) [abstract; general]  
1883a. *Charis zabua*, Gosse, = *Lemonias tenellus*, Burm. *Entomologist* 16(237): 42 (February) [Argentina]  
1883b. On the clasping-organs ancillary to generation in certain groups of the Lepidoptera. *Transactions of the Linnean Society* (London) (*Zoology*) (2)2(6): 265-345, pls. 26-33, 1 fig. (April) [general]
- Gotter, Anthony L.**  
2003. See Froy, O. et al., 2003.
- Gottfried, Carlos Federico** [1950- ]  
1981. Un milagro viviente: la mariposa monarca. *México desconocido* 60: 34-38, figs.; 61: 34-38, figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]  
1984. *Monarcas*. México, Servicios Condumex. 112 pp., figs. (after 3 May) [*Danaus plexippus* (Linnaeus); ecology; migration; Mexico]  
1990. One of nature's most incredible phenomena: The Monarch butterfly. *Proceedings of the royal Institution of Great Britain* 62: 127-160, pl. 3, 14 figs. [*Danaus plexippus* (Linnaeus); morphology; behavior; life history; distribution; conservation; Mexico]  
1993. Monarch conservation in Mexico: The challenge of membership and fund-raising for Monarca, A.C. *Science Series. Natural History Museum of Los Angeles County* 38: 379-381 (18 February) [*Danaus plexippus* (Linnaeus)]  
1995. See Dalrymple, M. & C. F. Gottfried, 1995.
- Gottsberger, Gerhard**  
2011. See Braun, M. et al., 2011.  
2012. See Braun, M. et al., 2012.
- Gottschalk, Marco Silva**  
2013. See Carvalho, A. P. dos S. de et al., 2013.
- Gough, Harlan**  
2018. See Kawahara, A. Y. et al., 2018a.
- Gougis, Jean-Claude**  
2016. See Battistini, R. & J.-C. Gougis, 2016.
- Gouillard, Jean**  
2000. A propos du Monarque américain (*Danaus plexippus*). *Bulletin des Lépidoptéristes parisiens* 9(15): 21 (April) [migration; Mexico]  
2001. Le Monarque. *L'Entomologiste* 57(3/4): 97-100 (August) [*Danaus plexippus* (Linnaeus); migration; Mexico]

- Goujon, Pascal**  
1995. A la découverte de la forêt pluviale de la Guyane Française. *Insectes* 98: 23-24, 1 fig. (October) [general]
- Gould, Frederick**  
1983. *Genetics of plant-herbivore systems: Interactions between applied and basic study*, pp. 599-653, 3 figs., 6 tabs. In: Denno, R. F. & M. S. McClure (Eds.), *Variable plants and herbivores in natural and managed systems*. New York, Academic Press [*Papilio polyxenes* Fabricius; Costa Rica]
- Gould, Stephen Jay** [1941-2002]  
1999. *No science without fancy, no art without facts: The lepidoptery of Vladimir Nabokov*, pp. 84-114. In: Funke, S., *Vera's Butterflies. First editions by Vladimir Nabokov inscribed to his wife*. New York, Glenn Horowitz Bookseller, Inc. [general]
- Gould, Walter P., and A. Raga**  
2002. *Pests of guava*, pp. 295-313, 2 tabs. In: Peña, J. E., J. L. Sharp & M. Wysoki (Eds.), *Tropical fruit pests and pollinators. Biology, economic importance, natural enemies and control*. Wallingford, CABI Publishing. [*Pyrrhopyge charybdis* Westwood; Neotropics]
- Goulet, Henri**  
2014. See Fernández-Triana, J. L. et al., 2014.
- Goulson, Dave**  
2002. See Smith, D. A. S. et al., 2002.  
2003. See Lushai, G. et al., 2003.  
2005a. See Lushai, G. et al., 2005a.  
2005b. See Lushai, G. et al., 2005b.
- Govone, José Silvio**  
1997. See Campos-Farinha, A. E. de C. et al., 1997.
- Gowdey, Carlton Craig** [1884-1928]  
1923. The principal agricultural pests of Jamaica. *Entomological Bulletin of the Department of Agriculture of Jamaica* 2: [v] + 80 + vi pp., 7 pls. [*Papilio cresphontes* Cramer, *Precis* (sic) *monuste* (Linnaeus)]  
1925. Report of Government Entomologist. *Annual Report of the Department of Science and Agriculture* (Jamaica) 1924: 17-20 (after 29 April) [*Pontia monuste* (Linnaeus), *Eudamus proteus* (Linnaeus), *Prenes nero* (Fabricius); host plants; parasitoids]  
1926-28. Catalogus insectorum jamaicensis. *Entomological Bulletin of the Department of Agriculture of Jamaica* 4(1): i-xiv, 1-114 (1926), (2): i-ii, 1-10 (1926), (3): i-iii, 1-15 (1928) [general]
- Gowrie, Marissa N.**  
2002. See Starr, C. K. et al., 2002.
- Goyo, Gisela**  
1995. See Hernández, A. & G. Goyo, 1995.
- Gozzi, Mariana Regina, Marina do Vale Beirão, Ludmilla Rodrigues Medeiros, Frederico de Siqueira Neves and Marcílio Fagundes**  
2012. Borboletas frugívoras em uma região de transição entre cerrado *sensu stricto* e caatinga no norte de Minas Gerais, Brasil. *MG.Biota* 4(5): 25-37, 5 figs., 1 tab., 2 graphs (January) [general]
- Grace, Eric S.**  
1997. *The World of the Monarch Butterfly*. San Francisco, Sierra Club Books. [xii] + 114 pp., figs. [*Danaus plexippus* (Linnaeus); Mexico]
- Graciolli, Gustavo**  
2008. See Boff, S. et al., 2008.
- Graciolli, Gustavo, Larissa Rosa de Oliveira, Luiza Rodrigues Redaelli and Helena Piccoli Romanowski**  
1998. Description, biology of the immature stages and reproductive potential of *Tatochila autodice* (Hübner, 1818) (Lepidoptera, Pieridae), in Rio Grande do Sul, southern Brazil. *Revista brasileira de Biologia* 58(1): 17-24, 3 figs., 4 tabs. (15 January)
- Graciolli, Camila, Camila Regina Baptista and Pedro Guilherme Barrios de Souza Dias**  
2010. Análise da fauna de borboletas em duas trilhas do Parque Nacional do Iguaçu, Paraná (Insecta, Lepidoptera). *Pleíade* (Foz do Iguaçu) [4]: 40-51, 3 figs., 2 tabs. (June) [general; Brazil]
- Graciolli, Camila, and Ana Beatriz Barros de Moraes**  
2016. Borboletas frugívoras em florestas de mata atlântica do Parque Nacional do Iguaçu, Paraná, Brasil (Lepidoptera: Nymphalidae). *Shilap* 44(173): 115-128, 4 figs., 2 tabs. (30 March) [general]
- Graça, Márlon Breno Costa Santos da, Nikolas Gioia Cipola, Luis Anderson Ribeiro Leite and João Antonio Cyrino Zequi**  
2019. *Nymphalidae* (Lepidoptera: Papilionoidea), pp. 169-180, 14 figs., 1 tab. In: Zequi, J. A. C., M. L. Orsi & L. S. Shibatta (Eds.), *Fauna e flora do Parque Estadual Mata São Francisco – Norte do Paraná*. Londrina, Editora da Universidade Estadual de Londrina. [general; Brazil]
- Graça, Márlon Breno Costa Santos da, Pedro Aurélio Costa Lima Pequeno, Elizabeth Franklin and José Wellington de Moraes**  
2017b. Coevolution between flight morphology, vertical stratification and sexual dimorphism: what can we learn from tropical butterflies? *Journal of Evolutionary Biology* 30(10): 1862-1871, 4 figs. (October; published online 4 August) [general; Brazil]
- Graça, Márlon Breno Costa Santos da, Pedro Aurélio Costa Lima Pequeno, Elizabeth Franklin, Jorge Luiz Pereira Souza and José Wellington de Moraes**  
2017c. Taxonomic, functional, and phylogenetic perspectives on butterfly spatial assembly in northern Amazonia. *Ecological Entomology* 42(6): 816-826, 4 figs., 1 tab. (December; published online 6 September) [general; Brazil]
- Graça, Márlon Breno Costa Santos da, Jorge Luiz Pereira Souza, Elizabeth Franklin, José Wellington de Moraes and Pedro Aurélio Costa Lima Pequeno**  
2017a. Sampling effort and common species: Optimizing surveys of understory fruit-feeding butterflies in the Central Amazon. *Ecological Indicators* 73: 181-188, 3 figs., 3 tabs. (February; published online 30 September 2016) [general; Brazil]
- Grados, Juan** [1969- ]  
[1997]. See Lamas, G. & J. Grados, 1997.  
1998a. See Lamas, G. & J. Grados, 1998.  
1998b. *Informe del inventario de la fauna de mariposas del Bosque Nacional de Tumbes*, pp. 89-93, 1 tab. In: Wust, W. H. (Ed.), *La Zona Reservada de Tumbes. Biodiversidad y diagnóstico socioeconómico*. Lima, The John D. and Catherine C. MacArthur Foundation/Fondo Nacional por las Areas Naturales Protegidas por el Estado (PROFONANPE) (September) [general; Peru]
- [1999]a. *Hedylidae* (Lepidoptera: Hedyloidea) of the lower Urubamba region, pp. 103-104, 1 tab. In: Alonso, A. & F. Dallmeier (Eds.), *Biodiversity assessment and monitoring of the Lower Urubamba Region, Peru. Cashiriari-3 well site and the Camisea and Urubamba rivers*. Washington, D.C., Smithsonian Institution/MAB Biodiversity Program (SI/MAB Series 2) ("1998"; distributed in [1999]) (reprinted in SI/MAB Series 7, pp. 119-120; 2001) [general; Peru]
- 1999b. See Lamas, G. et al., 1999.  
2001. See Lamas, G. & J. Grados, 2001.  
2003. *Manual de identificación de especies. Tomo II*.

- Invertebrados terrestres prohibidos*. Lima, Instituto Nacional de Recrsos Naturales. 14 pp., figs. (March) [*Morpho, Agrias*; conservation; Peru]
2004. See Lamas, G. & J. Grados, 2004.
- 2011a. *Fauna: artrópodos (Arthropoda)*, pp. 608-641, figs. In: Baiker, J., *Guía ecoturística. Mancomunidad Saywite-Choquequirao-Ampay (Apurímac, Perú). Con especial referencia a la identificación de fauna, flora, hongos y líquenes en el departamento de Apurímac y sitios adyacentes en el departamento de Cusco*. Lima, Intercooperation, Programa Regional ECOBONA (June) [general]
- 2011b. See Baiker, J. & J. Grados, 2011.
2014. *Hypanartia splendida* Rothschild, 1903 (Lepidoptera, Nymphalidae, Nymphalini) una rara especie de la Selva Central de Perú. *Revista peruana de Biología* 21(2): 183-186, 2 figs. (October) [distribution]
- Grados, Juan, Hugh Baynes, Ernesto Rázuri, Luis Figueroa, José Barrientos and Evelyn Guillermo**
- 2015a. *Insectos*, pp. 92-107, figs. In: Montoya, M., D. Cossios, M. Silva & D. Coll (Eds.), *Parque Nacional Bahuaja Sonene. Inventarios biológicos rápidos*. Lima, Wildlife Conservation Society. (June) [general; Peru]
- 2015b. *Anexo 13. Especies de insectos registradas*, pp. 81-103. In: Montoya, M., D. Cossios, M. Silva & D. Coll (Eds.), *Parque Nacional Bahuaja Sonene. Inventarios biológicos rápidos. Anexos*. Lima, Wildlife Conservation Society. (June) [general; Peru]
- Graf, Leonard Joseph** [1883-1970]
1942. *Local insect pests. Notes on insects that attack coconut, cacao, sugar-cane, and citrus in Trinidad*. Port-of-Spain, Yuille's Printerie, Ltd. 28 pp., figs. [*Brassolis sophorae* (Linnaeus); life history]
- Graf, Vinalto, and Alice Fumi Yamamoto**
1985. Determinação do parasitismo de *Pedinopelte gravenstii* [sic] (Guérin, 1826) (Hymenoptera, Ichneumonidae) em *Papilio anchisiades capys* (Hübner, 1809) (Lepidoptera, Papilionidae) pelo peso. *Resumos XII Congresso brasileiro de Zoologia* (Campinas), pp. 106-107 [Brazil]
- Graham, Marcus William Robert de Mere** [1915-1995]
1950. Postural habits and colour-pattern evolution in Lepidoptera. *Transactions of the Society of british Entomology* 10(6): 217-232, pls. 1-4, 4 figs. (30 November) [*Ageronia*]
- Graham, Violet Emily** [1911-1991]
1954. Notes on the life histories of some butterflies of B. G. *Timehri* 33: 17-22, 2 pls. (October) [general; Guyana]
- Grajales, Alejandro**
2018. See Castillo, L. P. et al., 2018.
- Gralak, Boris**
2003. See Tayeb, G. et al., 2003.
- Gralak, Boris, Gérard Tayeb and Stefan Enoch**
2001. *Morpho* butterflies wings color modeled with lamellar grating theory. *Optics Express* 9(11): 567-578, 13 figs. (19 November) [*M. rhetenor* (Cramer); morphology]
- Granados, Lida B.**
2011. See Anteparra, M. E. et al., 2011.
2013. See Anteparra, M. E. et al., 2013.
- Grande, James C.**
2013. See Potyrailo, R. A. et al., 2013.
- Granizo, Rafael B.**
2009. See Greeney, H. F. et al., 2009a.
- Granobles, Oscar, Mauricio Peñuela, Karen Ospina and Alan Giraldo**
- [2014]. Diurnal butterflies (Lepidoptera: Rophalocera [sic]) from Corregimiento Santa Inés, Yumbo-Colombia. *Ambiente y Sostenibilidad* (Cali) 3: 15-25, 65 figs. ("December 2013", [19 March 2014]) [general]
- Granovsky, Theodore Alexander** [1945- ]
1971. See Aranda, B. & T. A. Granovsky, 1971.
- Graser, Steve**
2004. Photo essay... buckeyes. *News of the Lepidopterists' Society* 46(1): 32, 7 figs. (1 April) [*Junonia lavinia* (Cramer); Ecuador, French Guiana]
- Grases, Cristian, and Nelson Luis Ramirez**
1999. Biología reproductiva de cinco especies ornitófilas en un fragmento de bosque caducifolio secundario en Venezuela. *Revista de Biología tropical* 46(4): 1095-1108, 8 tabs. ("December 1998", October 1999) [*Heliconius erato* (Linnaeus), *Eurema arbela gratiosa* (Doubleday)]
- Gravena, Santin**
1980. See Villani, H. C. et al., 1980.
1987. *Perspectivas do manejo integrado de pragas*, pp. 134-145, 1 tab. In: Ruggiero, C. (Ed.), *Maracujá. Cultura do maracujazeiro*. Ribeirão Preto, UNESP. [*Dione juno juno* (Cramer), *Agraulis vanillae vanillae* (Linnaeus), *Eueides aliphera aliphera* (Godart); host plants; predators; parasitoids; Brazil]
2001. See Maruyama, W. I. et al., 2001.
- Gravena, Santin, and Alcebiades Ribeiro Campos**
1980. *Perspectivas do manejo integrado de pragas do maracujá*, pp. 83-93, 1 tab. In: Ruggiero, C. (Ed.), *Cultura do maracujazeiro*. Jaboticabal, FCAV/UNESP. [*Dione juno* (Cramer); host plant; Brazil]
- Gravenhorst, Johann Ludwig Karl Christian** [1777-1857]
1807. *Vergleichende Uebersicht des Linnéischen und einiger neueren zoologischen Systeme, nebst dem eingeschalteten Verzeichnisse der zoologischen Sammlung des Verfassers und den Beschreibungen neuer Thierarten, die in derselben vorhanden sind*. Göttingen, Heinrich Dieterich. iii + xx + 476 pp. ([19 March]) [general]
- Gray, Dulcie** [1915-2011]
1999. About butterflies. *The Linnean* 15(1): 36-51, 4 figs. (January) [general]
- Gray, George Robert** [1808-1872]
1832. [*Descriptions of new species*]. In: Griffith, E. & E. Pidgeon, *Supplement on the Order Lepidoptera*, pp. 630-680, pls. 38, 79, 81, 83\*, 86-87, 102, 112, 115, 118, 133, 136-137, 140. In: *The Class Insecta arranged by the Baron Cuvier, with supplementary additions to each Order. 2. In: Griffith, E. (Ed.), The Animal Kingdom arranged in conformity with its organisation by the Baron Cuvier, member of the Institute of France, &c. &c. &c. with supplementary additions to each Order*. London, Whittaker, Treacher, and Co. 15(34) (December) [general; morphology; new taxa: *Papilio childrenae*, *P. cleotas*, *Pieris swainsonii*, *Lieinix*, *Nymphalis annetta*, *Erycina (Chorinea) xanthippe*, *E. (Dorila) asteris*, *Eumenia childrenae*; South America, Mexico]
- [1853]. *Catalogue of lepidopterous insects in the collection of the British Museum. Part I. Papilionidae*. London. iv + 84 pp., 15 pls. ("1862", [8 January 1863]) [general; new taxa: *Papilio protesilaus* variety *macrosilaus*, *P. patros*, *P. panares*, *P. zestos*, *P. dicerus*, *P. cixius*, *P. erlaces*, *P. cyphotes*, *P. aeneides*, *P. eurybates*, *P. thelios*, *P. lycomes*, *P. ergeteles*, *P. parsodes*, *P. hierocles*, *P. aglaope*, *P. eupales*, *P. sonoria*, *P. orsillus*, *P. cutora*, *P. cyamon*, *P. evagoras*, *P. rhetus*, *P. aconophos*, *P. ulopos*; Neotropics]
1856. *List of the specimens of lepidopterous insects in the collection of the British Museum. Part I. Papilionidae*. London, Taylor & Francis. [iii] + 106 pp. ([12 July]) [general; Neotropics]
- Gray, Richard E.**
1973. Replacement name for *Haywardina* Forster, 1964

- (Lepidoptera: Satyridae). *Entomological News* 84(5): 171-172 ([20] September) [*Forsterinaria*]
- Gray, Suzanne M., and Jeffrey S. McKinnon**  
2007. Linking color polymorphism maintenance and speciation. *Trends in Ecology and Evolution* 22(2): 71-79, 2 figs., 1 tab. (February) [*Heliconius*]
- Grayum, Michael H.**  
1992. See Clark, D. B. et al., 1992.
- Grazer, Steve**  
2003. An elegant skipper. *News of the Lepidopterists' Society* 45(1): 33, 1 fig. (15 April) [*Pythonides jovianus* (Stoll); Ecuador]
- Grazia, Jocélia, Helena Piccoli Romanowski, Paula Beatriz de Araújo, Cristiano Feldens Schwertner, Cristiano Agra Iserhard, Luciano de Azevedo Moura and Viviane Gianluppi Ferro**  
2008. *Artrópodos terrestres*, pp. 76-97, figs. In: Bond-Buckup, G. (Ed.), *Biodiversidade dos Campos de Cima da Serra*. Porto Alegre, Libretos. Volume 1. [Ed. 2, 2010] [general; Brazil]
- Green, Jack**  
2011. See Ferguson, L. C. et al., 2011a.
- Green, Jen**  
2004. See Farndon, J. & J. Green, 2004.
- Green, John**  
1983. Life history of *Papilio anchisiades*. *Newsletter. Exotic Entomology Group. Amateur Entomologists Society* 1983(3): 75-76 (September)
- Green, Mike**  
2006. See Connor, W. E. et al., 2006.
- Green, Suzanne Rab**  
2009. See Janzen, D. H. et al., 2009.
- Green, Timothy**  
1985. Beautiful fliers fill an indoor jungle in suburban London. *Smithsonian* 15(10): 114-121 (January) [general; tropical species kept in captivity]
- Greeney, Harold Francis**  
1999. See DeVries, P. J. et al., 1999.  
2000. The butterflies of Costa Rica and their natural history, Volume II, Riodinidae, by P. J. DeVries. 1997. *Journal of the Lepidopterists' Society* 54(1): 36 (6 November) [book review]  
2002. See Bollino, M. et al., 2002.  
2005. See Stireman, J. O., III et al., 2005.  
2007. See Dyer, L. A. et al., 2007.  
2009a. A revised classification scheme for larval hesperiid shelters, with comments on shelter diversity in the Pyrginae. *Journal of Research on the the Lepidoptera* 41: 53-59, 1 fig. (31 January) [general; behavior]  
2009b. See Stireman, J. O., III et al., 2009.  
2010. See Jost, L. et al., 2010.  
2011. See Pyrcz, T. W. et al., 2011b.  
2012a. See Moraes, A. R. de et al., 2012.  
2012b. See Walla, T. R. & H. F. Greeney, 2012.  
2015. *It should have been called a moustache*, pp. 145-150, 2 figs. In: Dyer, L. A. & M. L. Forster (Eds.), *The lives of lepidopterists*. Cham, Springer. [Hesperiidae; behavior; Ecuador]
- Greeney, Harold Francis, and Carina Chicaiza**  
2009. The life history of *Hypanartia dione dione* (Lepidoptera: Nymphalidae) in northeastern Ecuador. *Journal of Research on the Lepidoptera* 41: 1-4, 4 figs. (31 January) [egg, larva, pupa; host plants]
- Greeney, Harold Francis, Wanda Dameron and Henry ("Hank") M. Brodtkin**  
2006. An interspecific mating attempt between a male *Siproeta epaphus* Latreille and a female *Anartia amathea* Linnaeus (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 39: 88-89, 2 figs. (30 May) [Ecuador]
- Greeney, Harold Francis, Philip James DeVries, Carla Maria Penz, Rafael B. Granizo, Heidi Connahs, John O. Stireman III, Thomas Robert Walla and Lee A. Dyer**  
2009a. The early stages and natural history of *Antirrhea adoptiva porphyrosticta* (Watkins, 1928) in eastern Ecuador (Lepidoptera: Nymphalidae: Morphinae). *Journal of Insect Science* 9(30): 1-10, 6 figs. (2 June) [egg, larva, pupa; behavior; parasitoids; host plant]
- Greeney, Harold Francis, Lee A. Dyer, Philip James DeVries, Thomas Robert Walla, Lucia Salazar, Wilmer Rosendo Simbaña and Luis Salagaje**  
2010c. Early stages and natural history of *Perisama oppellii* (Latreille, 1811) (Nymphalidae, Lepidoptera) in Eastern Ecuador. *Kempffiana* 6(1): 16-30, 10 figs. (June) [larva, pupa, imago; host plant; behavior]
- Greeney, Harold Francis, Lee A. Dyer and Tomasz Wilhelm Pyrcz**  
2011a. First description of the early stage biology of the genus *Mygona*: The natural history of the satyrine butterfly, *Mygona irmina* in Eastern Ecuador. *Journal of Insect Science* 11(5): 1-11, 8 figs. (17 January) [egg, larva, pupa, imago; host plant; behavior]
- Greeney, Harold Francis, Lee A. Dyer and Angela M. Smilanich**  
2012. Feeding by lepidopteran larvae is dangerous: A review of caterpillars' chemical, physiological, morphological, and behavioral defenses against natural enemies. *Invertebrate Survival Journal* 9(1): 7-34, 9 figs. [general; Neotropics]
- Greeney, Harold Francis, and Nicole M. Gerardo**  
2001. Descriptions of the immature stages and oviposition behavior of *Pyrrhogyra otolais* (Nymphalidae). *Journal of the Lepidopterists' Society* 54(3): 88-90, 1 fig. (25 September) [egg, larva, pupa; host plant; Ecuador]
- Greeney, Harold Francis, Ryan I. Hill, Wilmer Rosendo Simbaña and Grant L. Gentry**  
2009b. The immature stages and natural history of *Veladyris pardalis* (Salvin, 1869) in eastern Ecuador (Lepidoptera: Nymphalidae: Ithomiinae). *Journal of Insect Science* 9(35): 1-6, 3 figs. (2 June) [egg, larva, pupa; host plant]
- Greeney, Harold Francis, and Meg T. Jones**  
2003. Shelter building in the Hesperidae: A classification scheme for larval shelters. *Journal of Research on the Lepidoptera* 37: 27-36, 4 figs. ("15 May", [1 September]) [general; host plants; Ecuador, Costa Rica, Mexico]
- Greeney, Harold Francis, Carla Maria Penz, Philip James DeVries and Thomas Robert Walla**  
2010d. Possible function of spatulate setae surrounding the papillae anales of *Sarota* butterflies (Riodinidae: Helicopini). *Journal of the Lepidopterists' Society* 64(4): 216-217, 1 fig. (16 December) [behavior; Costa Rica, Ecuador]
- Greeney, Harold Francis, Tomasz Wilhelm Pyrcz, Philip James DeVries and Lee A. Dyer**  
2009c. The early stages of *Pedaliodes poesia* (Hewitson, 1862) in eastern Ecuador (Lepidoptera: Satyrinae: Pronophi-lina). *Journal of Insect Science* 9(38): 1-8, 5 figs. (2 June) [egg, larva, pupa; host plant]
- Greeney, Harold Francis, Tomasz Wilhelm Pyrcz, Lee A. Dyer, Miguel Sánchez and Thomas Robert Walla**  
2010b. The early stages and natural history of *Corades medeba* Hewitson, 1850 in Eastern Ecuador (Lepidoptera: Nymphalidae: Satyrinae: Pronophilina). *Tropical Lepidoptera Research* 20(1): 8-13, 10 figs. (1 June) [egg,

- larva, pupa, imago; host plant; behavior]
- Greeney, Harold Francis, and John O. Stireman, III**  
 2002a. Emergence of parasitic flies from adult *Actinote diceus* (Nymphalidae: Acraeinae) in Ecuador. *Journal of the Lepidopterists' Society* 55(2): 79-80 (15 February)
- 2002b. Errata. Emergence of parasitic flies from adult *Actinote diceus* (Nymphalidae: Acraeinae) in Ecuador. *Journal of the Lepidopterists' Society* 56(4): 298 (9 December)
- Greeney, Harold Francis, Thomas Robert Walla, Josh Jahner and Ryan Berger**  
 2010e. Shelter building behavior of *Pyrrhopyge papius* (Lepidoptera: Hesperiiidae) and the use of the Mayfield method for estimating survivorship of shelter-building Lepidopteran larvae. *Zoologia* (Curitiba) 27(6): 867-872, 6 figs., 2 tabs. (30 December) [host plant; Ecuador]
- Greeney, Harold Francis, Thomas Robert Walla and Ryan L. Lynch**  
 2010a. Architectural changes in larval leaf shelters of *Noctuana haematospila* (Lepidoptera: Hesperiiidae) between host plant species with different leaf thicknesses. *Zoologia* (Curitiba) 27(1): 65-69, 1 fig., 1 tab. (28 February) [Ecuador]
- Greeney, Harold Francis, and Andrew David Warren**  
 2003. Notes on the life history of *Eantis thraso* (Hesperiiidae: Pyrginae) in Ecuador. *Journal of the Lepidopterists' Society* 57(1): 43-46, 1 fig. (9 May) [host plants; behavior]
2005. The life history of *Noctuana haematospila* (Hesperiiidae: Pyrginae) in Ecuador. *Journal of the Lepidopterists' Society* 59(1): 6-9, 3 figs. (8 April) [host plant; behavior]
- 2009a. The life history and shelter building behavior of *Vettius coryna* Hewitson, 1866 in eastern Ecuador (Lepidoptera: Hesperiiidae: Hesperiiinae). *Journal of Insect Science* 9(32): 1-9, 4 figs. (2 June) [egg, larva, pupa; host plants]
- 2009b. The immature stages and shelter building behavior of *Falga jeconia ombra* Evans, 1955 in eastern Ecuador (Lepidoptera: Hesperiiidae: Hesperiiinae). *Journal of Insect Science* 9(33): 1-10, 4 figs. (2 June) [egg, larva, pupa; host plant]
2011. The natural history, immature stages and shelter building behavior of *Dion carmenta* (Lepidoptera: Hesperiiidae: Hesperiiinae) in Eastern Ecuador. *Annals of the entomological Society of America* 104(6): 1128-1134, 5 figs. (November) [egg, larva, pupa; host plant]
- Greeney, Harold Francis, James Bryan Whitfield, John O. Stireman, III, Carla Maria Penz and Lee A. Dyer**  
 2011b. Natural history of *Eryphanis greeneyi* (Lepidoptera: Nymphalidae) and its enemies, with a description of a new species of braconid parasitoid and notes on its tachinid parasitoid. *Annals of the entomological Society of America* 104(6): 1078-1090, 18 figs., 1 tab. (November) [egg, larva, pupa, imago; host plant; morphology; behavior; Ecuador]
- Greenwood, D. F.**  
 1971. See Greenwood, J. A. C. & D. F. Greenwood, 1971.
- Greenwood, J. A. C., and D. F. Greenwood**  
 1971. A sample of the Lepidoptera of the British Virgin Islands. *Entomologist's Record and Journal of Variation* 83(12): 379-383 (15 December) [general]
- Greer, Keith**  
 2014. Spatial distribution and habitat assessment of *Panoquina errans* (Lepidoptera: Hesperiiidae) in San Diego County, California. *Journal of Research on the Lepidoptera* 47: 17-27, 3 figs., 3 tabs. (31 December; published online 2 June) [host plant; Mexico]
- Grehan, John R.**  
 1991. A panbiogeographic perspective for pre-cretaceous angiosperm-lepidoptera coevolution. *Australian systematic Botany* 4: 91-110, 19 figs., 1 tab. (3 September) [general]
- Greig, Nancy**  
 1987. See DeVries, P. J. & N. Greig, 1987.  
 1994. *Hindsight is 20/20: Opening a live butterfly exhibit in a hurry*, pp. 156-162. In: *Invertebrates in Captivity 1994*. Tucson, Sonoran Arthropod Studies Institute. [general]  
 1996. Cockrell Butterfly Center. *News of the Lepidopterists' Society* 38(1): 8-10, 5 figs. (January) [general]  
 1999. Tropical butterfly farms and conservation. *American Butter-flies* 7(4): 26-36, figs. [general; Neotropics]
- Greig, Nancy, and Philip James DeVries**  
 1986. Observations on the diurnal gregarious roosting of *Ocalaria* sp. (Noctuidae) in Costa Rica. *Journal of the Lepidopterists' Society* 40(2): 124-126, 4 figs. (23 October) [*Celaenorrhinus fritzgaertneri* (Bailey); behavior]
- Greve, Roberto Rezende**  
 2017. See Shirai, L. T. et al., 2017a.  
 2018. See Santos, J. P. dos et al., 2018.  
 2019. See Santos, J. P. dos et al., 2019.
- Greve, Roberto Rezende, Curtis John Callaghan, Lucas Augusto Kaminski and André Victor Lucci Freitas**  
 2013. The rediscovery of *Joiceya praeclarus* Talbot 1928 (Lepidoptera: Riodinidae), more than 80 years after its description. *Journal of the Lepidopterists' Society* 67(1): 56-57, 1 fig. (11 March) [Brazil]
- Grey, Lionel Paul** [1909-1994]  
 1945a. See Dos Passos, C. F. & L. P. Grey, 1945a.  
 1945b. See Dos Passos, C. F. & L. P. Grey, 1945b.  
 1946. See Warren, C. B. S. et al., 1946.  
 1947. See Dos Passos, C. F. & L. P. Grey, 1947.  
 1958. Warren's argynnid classification (Nymphalidae). *Lepidopterists' News* 11(4/5): 171-176 (13 May) [general]
- Greze, Audrey A.**  
 2002. See Muriel, S. B. & A. A. Greze, 2002.
- Greze, Audrey A., and Roberto Hernán González**  
 1995. Resource concentration hypothesis: effect of host plant patch size on density of herbivorous insects. *Oecologia* 103(4): 471-474, 3 figs., 2 tabs. (September) [*Pieris brassicae* (Linnaeus); Chile]
- Gries, Gerhard**  
 1996. See Rhainds, M. et al., 1996.
- Grieshuber, Josef** [1969- ], and **Gerardo Lamas**  
 2007. A synonymic list of the genus *Colias* Fabricius, 1807 (Lepidoptera: Pieridae). *Mitteilungen der münchener entomologischen Gesellschaft* 97: 131-171 (31 October) [general; nomenclature]
- Grieshuber, Josef, Robert (Bob) Worthy and Gerardo Lamas**  
 2012. *The genus Colias Fabricius, 1807. Jan Haugum's annotated catalogue of the Old World Colias*. Pardubice, Tshikolovets Publications. x + 438 pp., frontisp., 32 pls., 11 figs., 25 maps (March) [general; Neotropics]
- Griffin, Ashleigh F.**  
 1999. See Davison, A. et al., 1999.
- Griffith, Edward** [1790-1858], and **Edward Pidgeon**  
 1832a. *The tenth Order of Insects. Lepidoptera. Glossata, Fab.*, pp. 577-629, pls. 2-3, 21, 43, 47, 53-54, 58, 82-84, 99, 103, 120, 126, 129. In: *The Class Insecta arranged by the Baron Cuvier, with supplementary additions to each Order. 2.* In: Griffith, E. (Ed.), *The Animal Kingdom arranged in conformity with its organisation, by the Baron Cuvier, member of the Institute of France, &c. &c. &c. with supplementary additions to each Order*. London, Whittaker, Treacher, and Co. 15(34) (December) [general; morphology]
- 1832b. *Supplement on the Order Lepidoptera*, pp. 630-680, pls. 38, 79, 81, 83\*, 86-87, 102, 112, 115, 118, 133, 136-137,

140. In: *The Class Insecta... 2. In: Griffith, E. (Ed.), The Animal Kingdom...* London, Whittaker, Treacher, and Co. 15(34) (December) [general; morphology; new species (described by G. R. Gray, q. v.); South America, Mexico]
- Griffiths, George Charles** [1852-1924]  
1889. Mimicry amongst the Lepidoptera. *Proceedings of the Bristol Naturalists' Society* (N.S.) 6(1): 79-85 [general]
- Grillo, Horacio**  
2003. See Rivero, A. et al., 2003  
2009. See Mestre, N. et al., 2009.
- Grimaldi, David Alan** [1957- ]  
1996. *Amber. Window to the past*. New York, American Museum of Natural History. 216 pp., figs. [fossil butterfly; República Dominicana]  
2006. See Peñalver, E. & D. A. Grimaldi, 2006.  
2015. See Peale, T. R. et al., 2015.
- Grimaldi, David Alan, and Michael S. Engel**  
2005. *Evolution of the insects*. Cambridge, Cambridge University Press. xv + 755 pp., figs., tabs. [general]
- Grimm, Amy**  
2017. See Williams, L. et al., 2017.
- Grimmer, Lear**  
1976. See Andresen, J. et al., 1976.
- Grimshaw, Jenna R.**  
2019. See Ray, D. A. et al., 2019.
- Grimshaw, Paul**  
1981. Rearing, breeding notes on *Heliconius melpomene*. *Newsletter. Exotic Entomology Group. Amateur Entomologists Society* 1981(4): 124-126 (December) [life history; host plant]  
1983. Test release of *Heliconius melpomene* carried out to discover if it is feasible to house this species in conjunction with a large collection of tropical birds. *Newsletter. Exotic Entomology Group. Amateur Entomologists' Society* 1983(1): 9-12 (March)
- Grimshaw, Percy Hall** [1869-1939]  
1897a. On some type-specimens of Lepidoptera and Coleoptera in the Edinburgh Museum of Science and Art. *Proceedings of the royal Society of Edinburgh* 21: 326-327 (25 May) [general; abstract]  
1897b. On some type specimens of Lepidoptera and Coleoptera in the Edinburgh Museum of Science and Art. *Transactions of the Royal Society of Edinburgh* 39(1): 1-11, 1 pl. (16 September) [general; Neotropics]
- Grinnell, Fordyce, Jr.** [1882-1943]  
1911. See Haskin, J. R. & F. Grinnell, Jr., 1911.  
1912. See Haskin, J. R. & F. Grinnell, Jr., 1912.  
1915. See Duran, V. & F. Grinnell, Jr., 1915.
- Grinter, Christopher C., James Bryan Whitfield, Heidi Connahs, Lee A. Dyer, Winifred D. Hallwachs and Daniel Hunt Janzen**  
2009. A key to New World *Distatrix* Mason (Hymenoptera: Braconidae), with descriptions of six new reared Neotropical species. *Journal of Insect Science* 9(29): 1-17, 36 figs. (2 June) [*Antirrhoea adoptiva porphyrosticta* (Watkins); parasitoid; Ecuador]
- Griot, Mario** [1914- ]  
1953. La isoca ocasiona perjuicios económicos en los cultivos de alfalfa y en sus praderas. *Mundo agrícola* (Buenos Aires) 5(44): 38 (January) [*Colias lesbia* (Fabricius); Argentina]  
1955. La isoca de la alfalfa. *Ciencia y Ganadería* (Buenos Aires) 8(27): 4-5, 2 figs. (May) [also in *Aberdeen Angus* (Buenos Aires) 78: 47-49, 5 figs.; 1958] [*Colias lesbia* (Fabricius); Argentina]
- Grishin, Nick V.**  
2005. A new banner for the United States: *Temenis laothoe* (Nymphalidae: Biblidinae). *News of the Lepidopterists' Society* 47(1): 3-4, 10, 6 figs. (1 April) [*T. l. hondurensis* Fruhstorfer; distribution; Mexico]  
2008. See Warren, A. D. et al., 2008c.  
2010a. See Rickard, M. A. & N. V. Grishin, 2010.  
2010b. See Hardy, D. H. et al., 2010.  
2012a. A new Central American *Anastrus* with unexpectedly distinct genitalia (Lepidoptera, Hesperidae, Pyrginae). *Tropical Lepidoptera Research* 22(1): 1-7, 45 figs. (1 June) [*A. isidro*; Costa Rica, Panama]  
2012b. A new species of *Entheus* from Ecuador (Lepidoptera, Hesperidae, Eudaminae). *Tropical Lepidoptera Research* 22(1): 24-28, 13 figs. (1 June) [*E. warreni*]  
2012c. See Warren, A. D. & N. V. Grishin, 2012.  
2013a. Uncus shaped akin to elephant tusks defines a new genus for two very different-in-appearance Neotropical skippers (Hesperidae: Pyrginae). *Journal of Research on the Lepidoptera* 45: 101-112, 6 figs. ("31 December 2012", January 2013; published online 29 December 2012) [*Eburuncus*; larvae, pupae; host plants; Central America, Peru]  
2013b. On the identity of *Potamanaxas andraemon* and its relatives, with the description of a new species from Peru (Hesperidae: Pyrginae: Erynnini). *Tropical Lepidoptera Research* 23(1): 1-13, 60 figs. (1 June) [*P. lamasi*; Colombia, Ecuador, Bolivia]  
2013c. Adding to the rich fauna of the Chocó region in Ecuador, a new species of *Potamanaxas* (Hesperidae: Pyrginae: Erynnini). *Tropical Lepidoptera Research* 23(2)(Suppl. 1): 1-5, pls. 1-3 (1 December) [*P. hermieri*]  
2013d. A new *Potamanaxas* (Hesperidae: Pyrginae: Erynnini), patterned like *P. bana*, but with sickle-armed genitalia, not chicken claws. *Tropical Lepidoptera Research* 23(2)(Suppl. 1): 6-9, pls. 4, 7 (1 December) [*P. serp*; Colombia]  
2013e. An enigmatic new *Potamanaxas* (Hesperidae: Pyrginae: Erynnini) is a visual mosaic of characters from distantly related species. *Tropical Lepidoptera Research* 23(2)(Suppl. 1): 10-12, pls. 8-10 (1 December) [*P. zagadka*; Ecuador]  
2013f. Two new species of *Potamanaxas* (Hesperidae: Pyrginae: Erynnini)—one of them, *melicertes* of Evans, was mentioned but not named by Godman and Salvin. *Tropical Lepidoptera Research* 23(2)(Suppl. 1): 13-17, pls. 11, 13-14 (1 December) [*P. tshotky*, *P. okroogly*; Colombia, Peru, Bolivia]  
2013g. A new *Entheus* (Hesperidae: Eudaminae) from Colombia and Panama is most distinctive in the *E. gentius* group. *Journal of Research on the Lepidoptera* 46: 91-103, 29 figs. (31 December; published online 26 December) [*E. huertasae*]  
2014a. See Cong, Q. & N. V. Grishin, 2014.  
2014b. Two new species of *Clito* from South America and a revision of the *Clito littera* group (Lepidoptera: Hesperidae: Pyrginae). *Zootaxa* 3861(3): 231-248, 28 figs. (15 September) [*C. palotschka*, *C. litteroides*]  
2014c. See Warren, A. D. et al., 2014.  
2014d. See Shiraiwa, K. et al., 2014.  
2014e. Why the Monarch butterfly should not be listed under the Endangered Species Act. *News of the Lepidopterists' Society* 56(4): 193-196 (26 November) [*Danaus plexippus* (Linnaeus); conservation]  
2015a. See Cong, Q. et al., 2015a.  
2015b. See Cong, Q. et al., 2015b.  
2015c. See Shen, J. et al., 2015.  
2015d. See Warren, A. D. et al., 2015b.



- 2015e. See Anken, R. H. et al., 2015.
- 2016a. See Prieto, C. H. et al., 2016.
- 2016b. See Cong, Q. et al., 2016a.
- 2016c. See Cong, Q. et al., 2016b.
- 2017a. See Bächtold, A. et al., 2017.
- 2017b. See Warren, A. D. & N. V. Grishin, 2017.
- 2017c. See Steinhauser, S. R. et al., 2017.
- 2017d. See Cong, Q. et al., 2017a.
- 2017e. See Janzen, D. H. et al., 2017.
- 2017f. See Zhang, J. et al., 2017.
- 2017g. See Cong, Q. et al., 2017b.
- 2017h. See Shen, J. et al., 2017.
- 2018a. See Carneiro, E. et al., 2018.
- 2018b. See Matthews, D. L. et al., 2018.
- 2019a. See Zilli, A. & N. V. Grishin, 2019.
- 2019b. See Li, W. et al., 2019.
- 2019c. Expanded phenotypic diagnoses for 24 recently named new taxa of HesperIIDae (Lepidoptera). *The taxonomic Report of the international Lepidoptera Survey* 8(1): 1-16, 23 figs. (29 March) [general]
- 2019d. See Zhang, J. et al., 2019a.
- 2019e. See Zhang, J. et al., 2019b.
- 2019f. See Zhang, J. et al., 2019c.
- 2019g. See Diringer, L. et al., 2019.
- 2019h. See Cong, Q. et al., 2019.
- 2019i. See Zhang, J. et al., 2019d.
- 2019j. See Burns, J. M. et al., 2019.
- Grishin, Nick V., John McLauren Burns, Ernst Brockmann, Winifred D. Hallwachs and Daniel Hunt Janzen**
- 2014b. A cryptic new *Jemadia* (HesperIIDae: Pyrginae: Pyrrhopygini) from Costa Rica and Panama with a subtly distinctive combination of blue rays and white bands. *Journal of the Lepidopterists' Society* 68(4): 232-247, 51 figs. (21 November) [*J. suekentonmilleri*, life history; host plant; parasitoids]
- Grishin, Nick V., John McLauren Burns, Daniel Hunt Janzen, Winifred D. Hallwachs and Mehrdad Hajibabaei**
- 2013a. *Oxynetra*: Facies and DNA barcodes point to a new species from Costa Rica (HesperIIDae: Pyrginae: Pyrrhopygini). *Journal of the Lepidopterists' Society* 67(1): 1-14, 8 figs. (11 March) [*O. stangelandi*]
- Grishin, Nick V., and Christopher J. Durden**
2012. New bromeliad-feeding *Strymon* species from the Big Bend National Park, Texas, USA and its vicinity (Lycaenidae: Theclinae). *Journal of the Lepidopterists' Society* 66(2): 81-110, 11 figs. (20 June) [*S. solitario*; egg, larva, pupa, imago; host plant; behavior; Mexico]
- Grishin, Nick V., Daniel Hunt Janzen and Winifred D. Hallwachs**
- 2013b. Hiding behind gaudy looks, a new Central American species of *Phareas* (HesperIIDae: Eudaminae). *Journal of the Lepidopterists' Society* 67(3): 161-174, 38 figs. (29 August) [*P. burnsi*; Costa Rica, Panama]
- 2014a. A new species of *Eracon* (HesperIIDae: Pyrginae) substantiated by a number of traits, including female genitalia. *Journal of the Lepidopterists' Society* 68(3): 149-161, 33 figs. (2 September) [*E. sarahburnsae*; life history; host plant; parasitoids; Costa Rica, Panama]
2015. A cryptic new *Potamanaxas* (HesperIIDae: Pyrginae: Erynnini) stands out by terminally elongated genitalic valvae. *Journal of Research on the Lepidoptera* 48: 13-20, 25 figs. (31 December; published online 2 May) [*P. louisghilli*; Costa Rica]
- Grishin, Nick V., and Andrew David Warren**
- 2004a. A new swallowtail for the United States: *Papilio glaucus garcia* in west Texas. *News of the Lepidopterists' Society* 46(3): 75-77, 83, 15 figs. (15 September) [Mexico]
- 2004b. New butterfly records for Big Bend National Park. *News of the Lepidopterists' Society* 46(3): 86-87, 100-101, 8 figs., 1 map (15 September) [*Achalarus toxeus* (Plötz), *Ziegleria guzanta* (Schaus), *Calycopis isobea* (Butler & Druce); Mexico]
- Grodnitsky, Dmitry Lvovich [1962- ]**
1999. *Form and function of insect wings. The evolution of biological structures*. Baltimore, Johns Hopkins University Press. 280 pp., figs. [general]
- Grodnitsky, Dmitry Lvovich, and Robert Dudley**
1996. Vortex visualization during free flight of heliconiine butterflies (Lepidoptera: Nymphalidae). *Journal of the Kansas entomological Society* 69(2): 199-203, 2 figs. (23 August) [*Heliconius erato* (Linnaeus)]
- Grodnitsky, Dmitry Lvovich, Robert Dudley and Lawrence Edmund Gilbert**
1994. Wing decoupling in hovering flight of swallowtail butterflies (Lepidoptera: Papilionidae). *Tropical Lepidoptera* 5(2): 85-86, 1 fig. ("30 November", [8 December]) [*Papilio neophilus* (Geyer); Trinidad]
- Grøtan, Vidar, Russell Lande, Isidro Adolfo Chacón and Philip James DeVries**
2014. Seasonal cycles of diversity and similarity in a Central American rain forest community. *Ecography* 37(5): 509-516, 6 figs., 2 tabs. (May; published online 17 April) [general; Costa Rica]
- Grøtan, Vidar, Russell Lande, Steinar Engen, Bernt-Erik Saether and Philip James DeVries**
2012. Seasonal cycles of species diversity and similarity in a tropical butterfly community. *Journal of animal Ecology* 81(3): 714-723, 5 figs., 2 tabs. (May; published online 1 February) [general; Ecuador]
- Grogan, William, Jr.**
2016. See Salvato, M. H. et al., 2016.
- Gronov, Lorenz Theodor [1730-1777]**
1764. *Zoophylacii Gronoviani fasciculus secundus exhibens enumerationem insectorum, quae in Museo suo adservat, examini subiecit, systematice disposuit atque descripsit*. Lugduni Batavorum, Theodor Haak. 2: [2] + [i]-iv + 141-236, pls. 14-17 [rejected for nomenclatural purposes] [general]
- Grose-Smith, Henley [1833-1911]**
1896. Description of a new species of Satyrid-butterfly from Costa Rica. *Annals and Magazine of natural History* (6)18(105): 241 (1 September) [*Oxeoschistus cothonides*; Costa Rica]
1898. Descriptions of new species of butterflies from South America. *Annals and Magazine of natural History* (7)2(7): 70-73 (1 July) [*Heliconius molina*, *Adelpha juanna*, *A. nahua*, *Symmachia miron*, *Lucilla asterra*, *Aricoris buckleyi*; Colombia, Venezuela, Ecuador]
- 1899-1902. *Rhopalocera exotica, being illustrations of new, rare, and unfigured species of butterflies*. London, Gurney & Jackson. 3: (*Papilio* XVII): 41-42, 1 pl. (January 1899), (*Pronophila* I): 1-2 + 2-3, 1 pl. (April 1900), (*Pedaliodes* IV): 15-16 + 1, 1 pl. (April 1900), (*Pedaliodes* V): 17-20, 1 pl. (July 1900), (*Papilio* XXII): 51-52, 1 pl. (January 1902), (*Papilio* XXIII): 53-55, 1 pl. (April 1902), (Erycinidae I): 1-4, 1 pl. (April 1902), (Erycinidae II): 5-10, 1 pl. (July 1902), (title-page + preface + additions and corrections + alphabetical index + systematic index): [2] + [2] + [2] + 1-4 + 1-4 (July 1902) [general; new species: *Papilio mazeppa*, *Pronophila mena*, *P. sagartia*, *Oxeoschistus chyprota*, *O. erebus*, *Pedaliodes plotinella*, *P. hopfferi*, *P. phazania*, *P. polemon*, *Oxeoschistus phalsi*, *Pedaliodes phrasina*, *P. phrasiclea*, *P. phrasis*, *P. petronius*, *P. plautius*, *Papilio hippasonides*, *P. mithras*, *P. nymphas*, *P. hernando*,

- Aricoris plagiaria*, *Pheles rufula*, *P. fenella*, *Xynias christalla*, *Ithomeis aerella*, *Esthemopsis saracena*, *Chamaelimnas splendens*, *Lepricornis macara*; Costa Rica, South America]
- Grose-Smith, Henley, and William Forsell Kirby**  
 1888-92. *Rhopalocera exotica, being illustrations of new, rare, and unfigured species of butterflies*. London, Gurney & Jackson. 1: (Pieridae I): 1-3, 1 pl. (January 1888), (*Morpho* I): 1-2, 1 pl. (July 1890), (*Heliconius* I): 1-3, 1 pl. (April 1892), (title-page + preface + alphabetical index + systematic index): [2] + [2] + 1-3 + 5-7 (April 1892) [general; new species: *Heliconius rubellius*, *H. amandus*, *H. phyllidis*, *H. anacreon*; South America]  
 1893-97. *Rhopalocera exotica...* London, Gurney & Jackson. 2: (*Pedaliodes* I): 1-5, 1 pl. (October 1893), (*Pedaliodes* II): 5-9, 1 pl. (April 1894), (*Pedaliodes* III): 10-14, 1 pl. (July 1895), (*Dismorphia* I): 1-4, 1 pl. (October 1896), (*Papilio* XVI): 39-40, 1 pl. (January 1897), (*Dismorphia* II): 5-9, 1 pl. (April 1897), (*Dismorphia* III): 11-15, 1 pl. (April 1897), (title-page + preface + alphabetical index + systematic index): [2] + [2] + 1-4 + 5-8 (April 1897) [general; new species: *Pedaliodes porima*, *P. pheretiades*, *P. obscura*, *P. phrasa*, *P. ornata*, *P. lora*, *P. subrufescens*, *P. subpunctata*, *P. cyrene*, *Dismorphia tricolor*, *D. proserpina*, *D. cretacea*; Central and South America, West Indies]
- Gross, Franz Josef** [1928-1985]  
 1962. Der Einfluss der Oberflächengestalt der Erde auf die Ausbildung verschiedener Arten und Rassen im Tierreich. I. Allgemeines zue Makroevolution. *Entomologische Zeitschrift* 72(23): 253-259 (1 December), (24): 261-275, 8 figs. (15 December) [general]  
 1969. Bericht über die naturwissenschaftliche Sammlung des Wiesbadener Museums für das Jahr 1968. *Jahrbücher des nassauischen Vereins für Naturkunde* 100: 210-217 [on M. S. Merian's collection]
- Gross, Michael**  
 2016. Butterflies take a well-studied tumble. *Current Biology* 26(18): R823-R825, figs. (26 September) [general]
- Gross, Rainer**  
 1982. El cultivo y la utilización del tarwi (*Lupinus mutabilis* Sweet.). *Estudio FAO: Producción y Protección vegetal* (Roma) 36: xii + 236 pp., 18 figs., 25 tabs. [*Colias* sp., *Leptotes callanga* (Dyar); Peru]
- Grossbeck, John Arthur** [1883-1914]  
 1912. [Note on trip to Jamaica]. *Journal of the New York entomological Society* 20(4): 297 (December) [*Papilio homerus* Fabricius; host plant]  
 1917. Insects of Florida. IV. Lepidoptera. *Bulletin of the american Museum of natural History* 37(1): 1-147 (2 January) [general; Neotropics]
- Grossenbacher, Kurt**  
 1993. See Güntert, M. et al., 1993.
- Grosse-Wilde, Ewald**  
 2015 See Vogt, R. G. et al., 2015.
- Grote, Augustus Radcliffe** [1841-1903]  
 1874. On the species of *Helicopsis* inhabiting the Valley of the Amazon. *Bulletin of the Buffalo Society of natural Sciences* 2(14): 106-108, pl. 2 (June) [general; new species: *H. lindenii*]  
 1875. Note on *Papilio gundlachianus*. *Transactions of the american entomological Society* 5(15): 118 (March) [new genus: *Blakea*; Cuba]  
 1895a. Systema Lepidopterorum Hildesiae juxta opera praeliminaria, quae ediderunt Bates, Scudder, Guilielmus Mueller, Comstock, Dyar, Chapman, compositum. *Mittheilungen aus dem Roemer-Museum Hildesheim* 1: [4] pp. (15 August) [*Riodina lysippus* (Linnaeus)]
- 1895b. Sounds emitted by Lepidoptera. *Entomologist's Record and Journal of Variation* 7(6): 149-150 (15 December) [*Ageronia feronia* (Linnaeus)]
1897. The changes in the structure of the wings of butterflies. *Transactions of the City of London entomological and natural History Society* 1897(4): 333-342 (16 December) [general]
- 1898a. The classification of the day butterflies. *Natural Science* 12(71): 15-26, pl. 1 (January), (72): 87-99, pl. 2, 1 fig. (February) [general; morphology]
- 1898b. Specializations of the lepidopterous wing: the Pieri-Nymphalidae. *Proceedings of the american philosophical Society* 37(157): 17-44, pls. 1-3 (17 May) [general]
- 1898c. Note on the diurnals. *Canadian Entomologist* 30(8): 201-203 (9 August) [general; new genus: *Eumargareta*]
- 1899a. Classification of butterflies. *Natural Science* 14(83): 79-80 (January) [general; morphology]
- 1899b. Specializations of the lepidopterous wing; Parnassi-Papilionidae. I. *Proceedings of the american philosophical Society* 38(159): 7-21 (17 June) [general]
- 1899c. Specializations of the lepidopterous wing; Parnassi-Papilionidae. II. *Proceedings of the american philosophical Society* 38(159): 25-48, pls. 3-5 (17 June) [general]
- 1900a. The descent of the pierids. *Proceedings of the american philosophical Society* 39(161): 4-32, 1 tab. (13 March), 33-48 (19 March), 49-64, 1 tab. (24 March), 65-67, pls. 1-4 (16 April) [general; mimicry; new genus: *Cunizza*]
- 1900b. Systema Lepidopterorum Hildesiae (Zweite Folge). Phylogenie und Begrenzung der Tagfalter-Familien, hierzu Stammbaum und Tafel. *Mittheilungen aus dem Roemer-Museum Hildesheim* 11: 1-10, 1 pl., 1 fig. (19 April) [general]
- 1900c. Diphyletism in the Lepidoptera. *Entomologist* 33(443): 120-123 (April) [general]
- 1900d. Die Verwandtschaft unter den Tagfaltern. *Insekten-Börse* 17(31): 242-244 (2 August) [general; phylogeny]
1903. Note on the generic name *Trifurcula*. *Canadian Entomologist* 35(5): 139 (2 May) [new genus: *Piercolias*]
- Grote, Augustus Radcliffe, and Coleman Townsend Robinson**  
 1869. On the American butterflies referred to the genus *Charis* by Doubleday. *Transactions of the american entomological Society* 2(3): 310-311 ("April", [8 November]) [general]
- Groussier, Géraldine**  
 2018. See Dumbardon-Martial, T. et al., 2018.
- Gruha, John W.**  
 1978. See Douglas, M. M. & J. W. Gruha, 1978.
- Grum-Grshimailo, Grigorii Efimovich** [1860-1936]  
 1890. Le Pamir et sa faune lépidoptérologique. *Mémoires sur les Lépidoptères* (Romanoff) 4: xvii + 577 pp., 22 pls., 1 map ([pre September]) [*Colias*; Neotropics]  
 1907. Lepidoptera, pp. 343-432. In: *Opisanie putesestvija vsch Zapadnyi Kitaj. Vokrug Kuku-Nora, cerzce Nanse-Shjany, Bij-Shjany i vdoly Vostoknago Tjan-Shjan'ja obratno na Rodiny*. [A description of a journey to West-China. Round Kuku-noor, via Nan-Shan, Bej-Shan and along Eastern Tien-Schan back to the motherland (in Russian)]. *Izdanie imperatorskago russkago geograficheskago Obshchestva* (St. Petersburg) 3: vi + 531 pp., 54 figs., 1 map. ([before June]) [general; Neotropics]
- Grund, Roger**  
 2010. See Kodandaramaiah, U. et al., 2010.  
 2018. See Kodandaramaiah, U. et al., 2018.

- Grundel, Ralph**  
2019. See Cariveau, A. B. et al., 2019.
- Grundler, Maggie R.**  
2017. See Holmes, I. A. et al., 2017.
- Gruner, Lucas, and Jacques Riom**  
1977. *Insectes et Papillons des Antilles*. Papeete, Les Editions du Pacifique. 132 pp., figs. (July) [general; host plants; Lesser Antilles]
- Gruson, Hugo**  
2019. See Maia, R. et al., 2019.
- Gruson, Hugo, Christine Andraud, Willy Daney de Marcillac, Serge Berthier, Marianne Elias and Doris Gómez**  
2018. Quantitative characterization of iridescent colours in biological studies: a novel method using optical theory. *Interface Focus* 9(1)(20180049): 1-15, 5 figs., 3 tabs. (14 December) [*Morpho*]
- Gu, Jiajun**  
2013. See Wang, W. et al., 2013.
- Gu, Jiajun, Di Zhang and Yongwen Tan**  
2015. *Metallic butterfly wing scales. Superstructures with high surface-enhancement properties for optical applications*. Cham, Springer. viii + 94 pp., figs. [*Morpho*]
- Gu, Miao**  
2018. See He, J. et al., 2018.
- Gu, Xiaosong**  
2018. See He, J. et al., 2018.
- Gu, Zhongze**  
2017. See Elbaz, A. et al., 2017.  
2018a. See Elbaz, A. et al., 2018.  
2018b. See He, J. et al., 2018.
- Guadagnuolo, Roberto**  
2004. See Gallusser, S. et al., 2004.
- Guagliumi, Pietro**  
1953. See Box, H. E. & P. Guagliumi, 1953.  
1958. Los insectos de la caña de azúcar en el valle del Río Turbo. III. Plagas menores. *Boletín. Estación experimental de Caña de Azúcar de Occidente. Ministerio de Agricultura y Cría* (Yaritagua) 68: 1-26 (December) [*Panoquina sylvicola* (Herrich-Schäffer), *Perichares philetus* (Gmelin); Venezuela]  
1960. Actual situation of entomology of sugar cane in Venezuela. *Proceedings of the Congress of the international Society of Sugarcane Technologists* 10: 1000-1011 [Hesperiidae]  
1962. Plagas de la caña de azúcar en Venezuela. *Monografía. Centro de Investigaciones agronómicas. Ministerio de Agricultura y Cría* (Maracay) 2(1): ix + 482 pp., 150 figs., (2): ix + 487-850 + [4] pp., 14 pls., figs. 151-212, 2 graphs, 21 maps (October) [general; life histories; parasitoids, predators]  
1965. Contributo alla conoscenza dell'entomofauna nociva del Venezuela. *Rivista di Agricoltura subtropicale e tropicale* 59(7/9): 376-408 (July-September), (10/12): 447-472 (October-December) [general]  
1967. Insetti e aracnidi dele piante comuni del Venezuela segnalati nel periodo 1938-1963. *Relazioni e Monografie agrarie subtropicale e tropicale* (N.S.) 86: xiv + 391 pp. (May) [general; host plants]  
1971. Entomofauna della canna da zucchero nel nord-est del Brasile. *Rivista di Agricoltura subtropicale e tropicale* 65(1/3): 49-66, 3 maps (January-March), (4/6): 95-127, 9 figs., 3 maps (April-June) [general; distribution; parasitoids, predators]  
1973. *Pragas da Cana-de-açúcar. Nordeste do Brasil*. Rio de Janeiro, Instituto do Açúcar e do Alcool (*Coleção Canavieira*, nE 10). 622 pp., 8 pls., 109 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; parasitoids; distribution]  
1975. Plagas de la caña de azúcar. *Boletín fitosanitario de la FAO* (Roma) 23(5): 161 (October) [*Eurybia misellivestis* Stichel; Brazil]
- Guagliumi, Pietro, and Armando de Castro Mendes**  
1974. Três novas pragas da cana de açúcar no Estado de São Paulo. *Eurybia misellivestis* Stich (Lep., Riodinidae). *Hyponeuma taltula* Schaus (Lep., Noctuidae). *Automeris irene* Cramer (Lep. Hemileucidae). *Brasil açucareiro* (Rio de Janeiro) 83(2): 80-81, 1 pl. (February) [Brazil]
- Guallart, José María** [1915-2002]  
1969. Nomenclatura jibaro-aguaruna de la fauna del Alto Marañón (Invertebrados). *Biota* (Lima) 7(56): 195-209 ("September 1968", 10 April 1969) [general; ethnology; Peru]
- Guardiola, Angélica Janet**  
2016. See Ortiz, S. I. & A. J. Guardiola, 2016.
- Guédès, Michel** [1942-1985]  
1983. See Richard, D. & M. Guédès, 1983.
- Guedes, Raul Narciso Carvalho**  
1996. See Picanço, M. C. et al., 1996.  
2003. See Estrela, J. L. V. et al., 2003.  
2004. See Moreira, M. D. et al., 2004.
- Güller, Roberto Mario** [1953- ]  
2018. See Klimaitis, J. F. et al., 2018b.  
2019. See Klimaitis, J. F. et al., 2019.
- Guenée, Achille** [1809-1880]  
[1858]. *Uranides et phalénites. Tome II. In: Boisduval, J. B. A. D. de & A. Guenée, Histoire naturelle des Insectes. Spécies général des Lépidoptères*. Paris, Roret. 10: [ii] + 584 pp. *Atlas*: 4 pp., pls. 12-22 + 1 ("1857", [before 20 March 1858]) [new taxa: Hedyliidae, *Hedyle* (new genus) *heliconiaria*, *Venodes* (new genus) *napiaria*, *Phellinodes* (new genus) *satellitata*; French Guiana, Brazil]  
1859. Note monographique et rectificative sur un groupe du genre *Morpho* Latr. Où l'on décrit une espèce nouvelle. *Annales de la Société entomologique de France* (3)7(2): 365-368 (24 August), (3): 369-374 (9 November) [general; larvae, pupae; *M. corydon*, *M. montezuma*; Mexico, South America]  
1865. *Annexe F. Lépidoptères de Madagascar*, pp. 25-48, pls. 4-7. *In: Vinson, A., Voyage à Madagascar au couronnement de Radama II*. Paris, Roret ([before 23 September]) [new species: *Hesperia mango*; from Neotropics, not Madagascar]  
1867. Note sur deux espèces linnéenes du genre *Papilio*. *Annales de la Société entomologique de France* (4)7(2): 305-310 (15 October) [general; synonymy; Surinam, Guyana]  
1868. Une visite aux lépidoptères de l'Exposition Universelle de 1867. *Annales de la Société entomologique de France* (4)8(1): 5-10 (24 June) [general]  
1872a. Notice sur divers lépidoptères du Musée de Genève. *Mémoires de la Société de Physique et d'Histoire naturelle de Genève* 21(2): 369-424, 1 pl. (before 15 September) [general; new species: *Papilio chlorodamas*, *P. hypodamas*, *P. damocrates*, *P. hermolus*, *Callicore elinda*, *C. aurelia*, *C. bourcierii*, *C. seropa*, *C. dodone*, *C. granatensis*, *C. nystographa*, *C. pavira*, *C. coelinula*, *C. brevipalpis*, *C. carmen*, *C. equatorialis*, *C. picteti*, *C. jurinei*, *C. saussurei*, *C. tringa*, *C. (?) laxis*, *Catagramma dulima*, *C. cajetani*, *C. mellyi*, *C. oculata*; Neotropics]  
1872b. [Notes]. *Petites Nouvelles entomologiques* 1(61): 244 (1 October) [*Papilio* spp., Nymphalidae]
- Güntert, Marcel, Kurt Grossenbacher, Charles Huber, Agathon Aerni and Hans Ulrich Morgenthaler**  
1993. The E. A. Goeldi zoological collection in the Natural

- History Museum Bern: Comments on an inventory. *Jahrbuch des naturhistorischen Museums Bern* 11: 147-161, 1 fig., 1 tab. [general; Brazil]
- Guenther, Konrad** [1874-1955]
1925. Untersuchungen an landwirtschaftlich schädlichen Insekten in Brasilien. *Zeitschrift für angewandte Entomologie* 11(3): 400-414 (December) [*Brassolis astyra* Godart]
1931. *A naturalist in Brazil. The record of a year's observation of her flora, her fauna and her people.* Boston and New York, Houghton Mifflin Company. 400 pp., 32 pls., 40 figs. [first German ed., 1927] [general]
- Gueratto, Patricia Eying**
- 2018a. See Santos, J. P. dos et al., 2018.
- 2018b. See Freitas, A.V. L. et al., 2018c
- 2019a. See Santos, J. P. dos et al., 2019.
- 2019b. See Freitas, A. V. L. et al., 2019e.
- Guérin-Ménéville, Félix Édouard** [1799-1874]
1828. *Crustacés, arachnides et insectes*, pp. 1-142. In: *Tableau encyclopédique et méthodique des trois règnes de la Nature. In: Encyclopédie méthodique.* Paris, veuve Agasse. Livraison 100 ([13 December]) [general]
- 1830-31a. *Lépidoptères*. Pls. 13-19, 14 bis. In: *Crustacés, Arachnides et Insectes.* In: Duperrey, L. J., 1828-1839, *Voyage autour du monde exécuté par ordre du Roi sur la Corvette de sa Majesté, la Coquille, pendant les années 1822, 1823, 1824 et 1825, sous le ministère et conformément aux instructions de S. E. M. le Marquis de Clermont-Tonnerre, Ministre de la Marine; et publiée sous les auspices de son excellence Mgr le Cte de Chabrol, Ministre de la Marine et des Colonies.* Zoologie. Paris, Arthus Bertrand. 2(2)(17): pls. 13-14 (26 May 1830), (21): pl. 14 bis (29 May 1831), (18): pls. 15-16 (1 September 1830), (19): pl. 17 (25 November 1830), (22): pl. 18 (15 June 1831) [general; new species: *Colias vauthierii*, *Argynnis tristis*, *Satyrus chiliensis*; Chile]
- 1831b-32. Pls. 76-82. In: *Iconographie du Règne Animal de G. Cuvier, ou représentation d'après nature de l'une des espèces les plus remarquables et souvent non encore figurées de chaque genre d'animaux. Avec un texte descriptif mis au courant de la science. Ouvrage pouvant servir d'atlas a tous les traités de zoologie.* Insectes. Paris, J. B. Baillière. 2: pl. 76 (5 November 1831), pls. 77-82 (21 January 1832) [general]
1838. *Lépidoptères*. Pp. 271-286. In: *Crustacés, Arachnides et Insectes.* In: Duperrey, L. J., 1828-1839, *Voyage autour du monde... La Coquille... Zoologie.* Paris, Arthus Bertrand. 2(2)(1) ([31 December]) [general; new species: *Satyrus coctei*, *S. lefebvreii*; Chile]
1839. Insectes, pl. 11. *Magasin de Zoologie, d'Anatomie comparée et de Palaentologie* (2)1(Insectes): 1-2, pl. 11 (after 15 July) [*Satyrus coctei* Guérin; Chile]
- [1844]. *Dixième ordre.- Les lépidoptères*, pp. 466-530. In: *Iconographie du Règne Animal de G. Cuvier...* Paris, J. B. Baillière ([26 August 1844]) [general; new species: *Pieris marchalii*, *Heliconia hortense*, *H. zelia*, *H. annette*, *H. victorina*, *H. cotyitto*, *H. sylphis*, *H. cornelia*, *H. elisa*, *H. bomplandii*, *Neris lineata*, *Cethosia judith*, *Nymphalis (Prepona) chromus*, *N. (Thymetes ?) aidea*, *Catagramma hesperis*, *Nymphalis (Catagramma) fabricii*, *Catagramma astala*, *C. anna*, *C. marchalii*, *C. consobrina*, *C. humboldtii*, *C. bomplandii*, *C. dorbignyi*, *C. lebasii*, *C. discoidalis*, *Morpho godartii*; South America, Mexico, Cuba]
- 1866a. [A note]. *Revue et Magasin de Zoologie pure et appliquée* (2)18(3): 122-125 (March) [*Eucheira socialis* Westwood; host plant; Mexico]
- 1866b. Tissu soyeux ourdi par des vers d'une espèce particulière qui vivent sur l'arbousier. *Revue de Sériciculture comparée* 1866: 76-79 [*Eucheira socialis* Westwood; host plant; Mexico]
- Guérin-Ménéville, Félix Édouard, and Achille Rémy Percheron**
- 1835-38. *Genera des Insectes, ou exposition détaillée de tous les caractères propres a chacun des genres de cette classe d'animaux. 1<sup>re</sup> série. Ordres et familles.* Paris, Méquignon-Marvis Père et Fils. [6] + [198] pp., 60 pls. (another, subsequent, printing by J. B. Baillière) [new species: *Papilio agesilaus*; Colombia]
- Guerra, Ariel Fernando**
- [2013]. See Guerra, J. F. et al., [2013].
- Guerra, José Guilherme Marinho**
2010. See Resende, A. L. S. et al., [2010].
- Guerra, Juan Fernando**
2013. See Kambach, S. et al., 2013.
- Guerra, Juan Fernando, and Martín Antonio Apaza**
2016. *Mariposas diurnas*, pp. 42-43, 68-69, 98-99, 128-129, 173-184, figs., tabs. In: Wallace, R. B. (Ed.), *Identidad Madidi. Informe científico 2015. Relevamientos de biodiversidad en el Parque Nacional y Área Natural de Manejo Integrado Madidi.* La Paz, SERNAP. (December) [general; Bolivia]
- Guerra, Juan Fernando, Ariel Fernando Guerra and Yael Asunción Guerra**
- [2013]. *Mi guía de mariposas del valle de La Paz.* La Paz, Universidad Tecnológica Boliviana. [ii] + 142 pp., figs. [general; eggs, larvae, pupae; host plants; Bolivia]
- Guerra, Juan Fernando, and María Julieta Ledezma**
2008. Biología y morfología de *Morpho menelaus godartii* (Lepidoptera: Nymphalidae: Morphinae) en el Parque Nacional Cotapata (Bolivia). *Ecología en Bolivia* 43(1): 40-52, 5 figs., 1 tab. (April) [egg, larva, pupa, imago; host plant]
- Guerra, Juan Fernando, Miguel Limachi, Franklin Varela, Wilson Gironda and Martín Antonio Apaza**
2012. *Los insectos de Madidi*, pp. 50-77, figs. 5-8, tabs. 11-13. In: Salinas, E. & R. B. Wallace (Eds.), *Conocimientos científicos y prioridades de investigación en el Parque Nacional y Área Natural de Manejo Integrado Madidi.* La Paz, Servicio Nacional de Áreas Protegidas. (June) [general; Bolivia]
- Guerra, Juan Fernando, Gottfried Siebel, Roger Vila, Dubi Benyamini and Zsolt Bálint**
2018. A remarkable record of the genus *Pseudolucia* from Bolivia (Lepidoptera: Lycaenidae). *Opuscula zoologica* (Budapest) 49(1): 23-31, 18 figs., 2 tabs. (published online 11 May) [*P. jujuyensis* Bálint, Eisele & Johnson; behavior; Argentina, Chile]
- Guerra, Maricela**
1999. See Pérez, B. et al., 1999.
- Guerra, Maricela, Ricardo Rodríguez, Estrella Velázquez, Rosario Acosta, Eduardo Suárez and Humberto Sónora**
1993. Listado preliminar de las mariposas diurnas (Lepidoptera: Rhopalocera) de Camagüey. *Monteverdia* 1(1): 10-13, 1 tab. [general; Cuba]
- Guerra, Patrick A., Christine Merlin, Robert J. Gegear and Steven Marion Reppert**
2012. Discordant timing between antennae disrupts sun compass orientation in migratory monarch butterflies. *Nature Communications* 3(958): 1-7, 4 figs. (17 July) [*Danaus plexippus* (Linnaeus); Mexico]
- Guerra, Patrick A., and Steven Marion Reppert**
2013. Coldness triggers northward flight in remigrant monarch

- butterflies. *Current Biology* 23(5): 419-423, 4 figs. (4 March; published online 21 February) [*Danaus plexippus* (Linnaeus); Mexico]
- Guerra, Tânia Mara**  
2005. See Lenzi, M. et al., 2005.  
2006. See Nardi, C. et al., 2006.
- Guerra, Yael Asunción**  
[2013]. See Guerra, J. F. et al., [2013].
- Guerra-Grenier, Eric**  
2019. Evolutionary ecology of insect egg coloration: a review. *Evolutionary Ecology* 33(1): 1-19, 4 figs., 1 tab. (February; published online 2 January) [general]
- Guerreiro, Julio César, João Paulo Vieira and José Carlos Pires**  
2013. Estudo da resistência de genótipos de girassol (*Helianthus annuus* L.) à lagarta *Chlosyne lacinia saundersii* [sic] Doubleday e Hewitson, 1849 (Lepidoptera: Nymphalidae). *Journal of agronomic Sciences* (Umuarama) 2(1): 1-8, 1 fig., 4 tabs. [host plant; Brazil]
- Guerrero, Elián Leandro, and Federico Lisandro Agnolin**  
2016. Recent changes in plant and animal distribution in the southern extreme of the Paranaense biogeographical province (northeastern Buenos Aires province, Argentina): Ecological responses to climate change? *Revista del Museo argentino de Ciencias naturales* (Nueva serie) 18(1): 9-30, 4 figs., 7 tabs. [general]
- Guerrero, Giovanni**  
2014. See Carrión, J. et al., 2014.
- Guerrero, Israel**  
2017. See Pino, J. M. et al., 2017.
- Guerrero, José Carlos**  
2015a. See Bentancur, M. G. et al., 2015a.  
2015b. See Bentancur, M. G. et al., 2015b.
- Guerrero, Kelvin A.**  
1997. See Abreu, D. & K. A. Guerrero, 1997.  
2008. See Ivie, M. A. et al., 2008a.
- Guerrero, Kelvin A., Denia Veloz, Sarah Lyn Boyce and Brian D. Farrell**  
2004. First New World documentation of an Old World citrus pest, the lime swallowtail *Papilio demoleus* (Lepidoptera: Papilionidae), in the Dominican Republic (Hispaniola). *American Entomologist* 50(4): 227-229, 2 figs. (December)
- Guerrero, María Angélica**  
2005a. See Araya, J. E. et al., 2005a.  
2005b. See Araya, J. E. et al., 2005b.
- Guerrero, María Angélica, Marie Lilianne Lamborot and Jaime Eduardo Araya**  
2000. Observaciones biológicas de *Achryra similalis* (Guenée [sic]) (Pyralidae) y otros lepidópteros en amaranto, *Amaranthus cruentus* L. (Amaranthaceae), en la Región Metropolitana de Chile. *Boletín de Sanidad vegetal, Plagas* 26(4): 591-598, 8 figs. (after 21 December) [*Strymon eurytulus* (Hübner); host plant]
- Guerrieri, Emilio, Martinus E. Huigens, Catalina Estrada, Jozef B. Woelke, Marjolein de Rijk, Nina E. Fatouros, Annette Aiello and John S. Noyes**  
2010. *Ooencyrtus marcelloi* sp. nov. (Hymenoptera: Encyrtidae), an egg parasitoid of Heliconiini (Lepidoptera: Nymphalidae: Heliconiinae) on passion vines (Malpighiales: Passifloraceae) in Central America. *Journal of natural History* 44(1/2): 81-87, 1 fig. (January) [Panama]
- Guevara, Eunice**  
2007. See Bertorelli, M. et al., 2007.
- Guharay, Falguni**  
1992. See Varela, G. & F. Guharay, 1992.
- Guibert, Guillermo**  
2005. See Avilés, R. et al., 2005.
- Guil-Guerrero, José Luis, Rebeca Pilar Ramos-Bueno, María José González-Fernández, Dmitri Fabrikov, María José Sánchez-Muros and Fernando Rogelio García-Barroso**  
2018. Insects as food: Fatty acid profiles, lipid classes, and sn-2 fatty acid distribution of Lepidoptera larvae. *European Journal of Lipid Science and Technology* 120(6)(1700391): 1-11, 4 tabs. (6 June; published online 25 March) [general; host plants; Ecuador]
- Guilbot, Robert** [1943-2008]  
1982. *Élevage des papillons de leurs oeufs, chenilles et chrysalides (indigènes et exotiques)*. Paris, Société Nouvelle des Éditions Boubée. 167 pp., 16 pls., 146 figs. (10 December) [general; host plants]
- Guilbot, Robert, and Antoine Plantrou**  
1981. Quelques notes sur la biologie des Morphos et tentative d'élevage de *M. achillaena anakreon* (Lep. Morphidae). *Bulletin de la Société Sciences Nat* 28: 1-9, 1 pl., 1 fig., 2 tabs. (16 March) [general; host plants; El Salvador, Costa Rica, Brazil]
- Guilding, Lansdown** [1797-1831]  
1827. Observations on the zoology of the Caribaeen Islands. *Zoological Journal* 3(11): 403-408, pl. 10 (September-31 December) [*Colias* sp.; migration]  
1834. Observations on the work of Maria Sibilla Merian on the insects, &c., of Surinam. *Magazine of natural History* 7(40): 355-375 (July) [general]
- Guillaumin, Michel, and Henri Descimon**  
1976. *La notion d'espèce chez les lépidoptères*, pp. 129-201, 12 figs., 6 tabs. In: Bocquet, C., J. Générmon & M. Lamotte (Eds.), *Les problèmes de l'espèce dans le règne animal*. 1. (*Mémoires de la Société Zoologique de France*, 38) [general]
- Guillermo, Evelyn**  
2015a. See Grados, J. et al., 2015a.  
2015b. See Grados, J. et al., 2015b.
- Guimarães, Amanda Leite**  
2017. See Carvalho Neto, M. F. de et al., 2017.
- Guimarães, Elsie Franklin**  
2008. See Vanin, S. A. et al., 2008.
- Guimarães, José Henrique** [1937-2008]  
1977. Host-parasite and parasite-host catalogue of South American Tachinidae (Diptera). *Arquivos de Zoologia* (São Paulo) 28(3): 1-131 (20 January) [general]  
1983. Taxonomy of Brazilian flies of the genus *Lespesia* Robineau-Desvoidy (Diptera, Tachinidae). *Papéis avulsos de Zoologia* (São Paulo) 35(2): 11-30, 19 figs. (20 August) [general; parasitoids]  
1989. See Coelho, S. M. P. et al., 1989.
- Guimarães, Marco Paulo Macedo**  
2010. See Silva, A. R. M. et al., 2010.  
2015. See Silva, A. R. M. et al., 2015.
- Guimarães, Murilo**  
2015. See Souza, T. S. et al., 2015a.
- Guimarães, Renato F.**  
1927. *As pragas mais comuns das laranjeiras. Família das Auranciaceas (Genero "Citrus")*. São Paulo, Typographia Brazil. 82 pp., figs. [*Papilio idaeus* Fabricius; life history; Brazil]
- Guimarães Júnior, Paulo Roberto**  
2018. See Braga, M. P. et al., 2018.
- Guirado, Nivaldo, Edmilson José Ambrosano, Fabricio Rossi, Paulo César Doimo Mendes and Roberto Antonio**

- Arévalo**  
2007. Controle alternativo da lagarta preta (*Chlosyne lacinia saundersii* [sic]) do girassol. *Revista brasileira de Agroecologia* 2(1): 682-685, 1 tab. (February) [host plant; Brazil]
- Guitton, Neide**  
1962. See Lima, A. M. da C. & N. Guitton, 1962.
- Gulli, Gioacchino**  
2011. See Lauranzón, B. et al., 2011.
- Gumovsky, Alex V.**  
2019. See Woelke, J. B. et al., 2019.
- Gunder, Jeane Daniel** [1888-1948]  
1930a. North American institutions featuring Lepidoptera. XVIII. The museums of Cuba. *Entomological News* 41(9): 290-295, pls. 26-28 ([7] November) [general]  
1930b. North American institutions featuring Lepidoptera. XIX. Entomological institutions in Mexico. *Entomological News* 41(10): 313-318, pls. 29-33 ([26] December) [general]
- Gundlach, Johann[es] Christoph** [1810-1896]  
1866. Descripción de una nueva especie de mariposa diurna cubana del género *Papilio*, pp. 279-280, pl. 5. In: Poey, F. (Ed.), *Repertorio físico-natural de la Isla de Cuba*. La Habana, Imprenta del Gobierno y Capitanía General por S. M. 1(10). (January) [*P. oviedo*]  
1881a. An annotated catalogue of the diurnal Lepidoptera of the Island of Cuba. *Papilio* 1(7): 111-115 (July) [general]  
1881b. *Contribución a la Entomología Cubana. Parte primera. Lepidópteros*. La Habana, G. Montiel. 445 + xxi + 445-480 pp. [also published in parts, as supplement to the *Anales de la Real Academia de Ciencias médicas, físicas y naturales de La Habana*, volumes 18-22; 1881-1886] [general; new species: *Eunica heraclitus*]  
1886a. Zur Aufklärung über *Papilio cresphontes* Cr. var. *oviedo* m. *Berliner entomologische Zeitschrift* 30(1): 132-133, 2 figs. (late June) [Cuba]  
1886b. Revista de los lepidópteros cubanos. *Anales de la Real Academia de Ciencias médicas, físicas y naturales de La Habana* 33: 73-81 [general]  
1890. Beschreibung der Färbung der Raupe des *Papilio oxynius*. *Berliner entomologische Zeitschrift* 35(1): 131-132 (late August) [Cuba]  
1891. Apuntes para la fauna puerto-riqueña. *Anales de la Sociedad española de Historia natural* 20(1): 109-128 (30 April), (2): 129-207 (1 October) [general; host plants]
- Gunera, Jairo**  
2016. See Araque, J. J. et al., 2016.
- Guo, Lirong**  
1995. See Werren, J. H. et al., 1995.
- Guo, Ming-Fang**  
2003. See Li, Z.-G. et al., 2003.  
2004a. See Li, Z.-G. et al., 2004a.  
2004b. See Li, Z.-G. et al., 2004b.  
2005a. See Li, Z.-G. et al., 2005a.  
2005b. See Li, Z.-G. et al., 2005b.
- Guo, YaPing**  
2008. See Zhang, M. et al., 2008.
- Guppy, Crispin S.**  
2001. See Bálint, Z., C. S. Guppy et al., 2001.  
2006. See Scott, J. A. et al., 2006.
- Guppy, Florian Lechmere** [1888-1972]  
1898. On a small collection of butterflies made chiefly in the Tunapuna valley. *Proceedings of the Victoria Institute* (Port-of-Spain) 1895/1897: 167 [general; Trinidad]
- Guppy, Nicholas Gareth Lechmere** [1925-2012]  
1993. A juvenile butterfly collector in Trinidad 1933-36. *Living World* 1993-1994: 14, figs. (November) [*Morpho menelaus* (Linnaeus), *M. deidamia* (Hübner)]
- Guppy, Plantagenet John Lechmere, Jr.** [1871-1934]  
1893. Notes on some lepidopterous insects (Collected principally on San Fernando Hill). *Journal of the Trinidad Field Naturalists' Club* 1(8): 198-200 (June) [general; life histories; Trinidad]  
1894. Notes on some Trinidad butterflies. *Journal of the Trinidad Field Naturalists' Club* 2(7): 170-174 (April) [Ithomiinae, Nymphalinae; eggs, larvae, pupae, imagines; host plants; behavior; ecology]  
1904. Notes on the habits and early stages of some Trinidad butterflies. *Transactions of the entomological Society of London* 1904(2): 225-228, pls. 17-18 (15 June) [reprinted in *Proceedings of the agricultural Society of Trinidad and Tobago* 13(11): 577-580; November 1913; and in *Agricultural Society Paper* (Port-of-Spain) 558: 76-79; 1914] [eggs, larvae; host plants; behavior]  
1911. The coconut butterfly. - (*Brassolis sophorae*), pp. 19-21, pl. 1. In: Urich, F. W. & P. J. L. Guppy, Preliminary notes on some insects affecting the coconut palm. *Circular of the Board of Agriculture of Trinidad and Tobago* 5: 1-30, pls. 1-3 (30 November) [host plants; egg, larva, pupa, imago; behavior; parasitoids; Trinidad]  
1931. The gregarious sleeping habits of a heliconian and an ithomiine butterfly in Trinidad. *Proceedings of the entomological Society of London* (A) 6(3): 68-69 (22 March) [*Heliconius h. hydarus* (Hewitson), *Tithorea (Hirsutis) megara flavescens* Kirby]  
1933a. *Heliconius h. hydarus*, Hew., in Little Tobago I., pp. 65-66. In: Poulton, E. B., The gregarious resting habits of Danaine butterflies in Australia; also of Heliconine and Ithomiine butterflies in tropical America. *Proceedings of the entomological Society of London* (A) 7(3): 64-67 (21 April) [behavior]  
1933b. The successful attack of a Trinidad wasp upon a *Papilio* larva. *Proceedings of the entomological Society of London* (A) 7(3): 67-68 (21 April) [*P. anchisiades anchisiades* Esper; behavior]
- Guralnick, Robert P.**  
2017a. See Earl, C. et al., 2017.  
2017b. See Owens, H. L. et al., 2017.  
2018. See Espeland, M. et al., 2018.
- Gus, Rejane**  
1986. See Romanowski, H. P. et al., 1986.
- Gus, Rejane, Maria Teresa Schifino and Aldo Mellender de Araújo**  
1983. Occurrence of localized centromeres in Lepidoptera chromosomes. *Revista brasileira de Genética* 6(4): 769-774, 1 fig., 1 tab. [*Heliconius erato* (Linnaeus); Brazil]
- Gusmão, Marcos Rafael**  
1998. See Picanço, M. C. et al., 1998.
- Gustafsson, Karin M., Anurag A. Agrawal, Bruce W. Lewenstein and Steven A. Wolf**  
2015. The monarch butterfly through time and space: The social construction of an icon. *BioScience* 65(6): 612-622, 3 figs. (June; published online 6 May) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Gutiérrez, Ana Lilia**  
2000. See Luis, M. A. et al., 2000.
- Gutiérrez, Bertha de**  
1975. See Bustillo, A. E. & B. de Gutiérrez, 1975.
- Gutiérrez, David**  
[1994]. See Maza, R. G. de la & D. Gutiérrez, [1994].
- Gutiérrez, Gloria Leonor**  
2013a. See Páez, E. S. et al., 2013.  
2013b. See Pérez, J. H. et al., 2013.

- Gutiérrez, Hugo Francisco**  
 2015a. See Cerino, M. C. et al., 2015a.  
 2015b. See Cerino, M. C. et al., 2015b.
- Gutiérrez, Ingrid Marcela, and Giovanni Fagua**  
 2012. Filogenia de especies del subgénero *Parides* (Lepidoptera: Papilionidae) basada en secuencias del gen citocromo oxidasa I. *Acta biológica colombiana* 17(3): 657-674, 3 figs., 2 tabs. (December) [general; Colombia, Brazil]
- Gutiérrez, Liliana**  
 2003. See Bojórquez, L. A. et al., 2003.
- Gutiérrez, Luis Carlos**  
 2010. See Montero, F. et al., 2010.  
 2011. See Vargas, M. A. et al., 2011.
- Gutiérrez, Odile**  
 1983. See MacGregor, R. & O. Gutiérrez, 1983.
- Gutiérrez, Ramón [1917-1953]**  
 1940. Insectos capturados en Río Blanco. *Revista chilena de Historia natural* 43: 32-35 ("1939", 26 April 1940) [general; Chile]
- Gutiérrez, Rodrigo del Carmen**  
 2009. See Aguilar-Astudillo, E. et al., 2009.
- Gutiérrez, Teresa, and Damián Rumiz**  
 2002. Patrones de diversidad de grupos selectos de insectos en el bosque chiquitano y pampas del cerrado de Santiago y Tucavaca, Santa Cruz – Bolivia. *Revista boliviana de Ecología y Conservación ambiental* 11: 37-46, 1 fig. 5 tabs. [general]
- Gutiérrez-Mendoza, Milagros**  
 2014. See Asto-Jinez, C. & M. Gutiérrez-Mendoza, 2014.
- Gutiérrez-Mora, Antonia**  
 2017. See García-Mendoza, A. J. et al., 2017.
- Guttenberg, Nicholas**  
 2019. See Cuthill, J. F. et al., 2019.
- Guzmán, Ali Abadallan**  
 2012. See Corona, M. de los Á. et al., 2012.
- Guzmán, Cristian**  
 2017. See Castro-Ibarra, C. et al., 2017.
- Guzmán, Desirée**  
 1999. See Olivares, J. et al., 1999.
- Guzmán, Jonathan A., Marco Ferrú, Margarita Ruiz and Walter Sielfeld**  
 2007. Artrópodos y vertebrados de un tillandsial al interior de Iquique, norte de Chile, con un listado de taxa previamente conocidos. *Boletín de la Sociedad de Biología de Concepción* 78: 23-34, 1 fig., 3 tabs. (30 December) [*Pyrgus bocchoris* (Hewitson), *Vanessa carye* (Hübner)]
- Guzmán, José Manuel**  
 2006. See Menéndez, L. et al., 2006.
- Guzmán, Pablo Andrés**  
 2017. See Valencia, W. A. et al., 2017.
- Guzmán, Porfirio**  
 1975. Algunos hespéridos del valle de México. *Boletín informativo. Sociedad mexicana de Lepidopterología* 1(5): 6-8 (September-October) [general]  
 1976. Algunas observaciones sobre lepidópteros de Chalma, Estado de México. *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 49-51 (1 June) [general]
- Guzmán-Jiménez, Silvia**  
 2015. See Rivas-Arancibia, S. P. et al., 2015.
- Guzmán-Mendoza, Rafael**  
 2017. See García-Mendoza, A. J. et al., 2017.  
 2019. See León-Galván, G. del C. et al., 2019.
- Guzmán-Rodríguez, Sandra María, Robert Wallace Jones and Javier Alejandro Obregón-Zúñiga**  
 2013. *Comparación de la riqueza de especies de mariposas diurnas (Lepidoptera: Rhopalocera) en la zona serrana y la zona semidesértica del Estado de Querétaro, México*, pp. 799-803, 2 figs. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [general]

# H

- H., A.**  
1784. Butterflies in Barbados. *The Gentleman's Magazine* 54(2): 744 (October)
- Haack, Robert A.**  
1993. Three foreign swallowtail butterflies listed as endangered. *Newsletter of the Michigan entomological Society* 38(4): 6 (December) [*Papilio homerus* Fabricius; Jamaica]
- Haag, Christoph R.**  
2011. See Joron, M. et al., 2011.
- Haag, Karen Luisa, and Aldo Mellender de Araújo**  
1994. Inbreeding, genetic load and morphometric variation in natural populations of *Dryas iulia* (Lepidoptera, Nymphalidae). *Revista brasileira de Genética* 17(1): 35-39, 2 figs., 7 tabs. [host plant; Brazil]
- Haag, Karen Luisa, Aldo Mellender de Araújo and Arnaldo Zaha**  
1993. Genetic structure of natural populations of *Dryas iulia* (Lepidoptera: Nymphalidae) revealed by enzyme polymorphism and mitochondrial DNA (mtDNA) restriction fragment length polymorphism (RFLP). *Biochemical Genetics* 31(9/10): 449-460, 5 figs., 7 tabs. (October)
- Haagen, Victor**  
1992. Costa Rica's butterfly farm. *Lacsa's World* 7(6): 18-27, figs. [general]
- Haan, Willem de** [1801-1855]  
1840. *Bijdragen tot de Kennis der Papilionidea*, pp. 1-44, pls. 1-10. In: Temminck, C. J. (Ed.), *Verhandelingen over de Natuurlijke Geschiedenis der Nederlandsche overzeesche bezittingen, door de Leden der Natuurkundige Commissie in Indië en andere Schrijvers. Zoologie*. Leiden, S. en J. Luchtmans en C. C. van der Hoek. 3(6). ([13 November]) [general; classification; host plants; Neotropics]
- Haase, Erich** [1857-1894]  
1886. Duftapparate bei Schmetterlingen. *Sitzungsberichte der naturwissenschaftlichen Gesellschaft Isis* (Dresden) 1886: 9-10 [general]  
1891a. Zum System der Tagfalter. *Deutsche entomologische Zeitschrift "Iris"* 4(1): 1-33 (late July) [general]  
1891b-92a. Untersuchungen über die Mimicry auf Grundlage eines natürlichen Systems der Papilioniden. Erster Theil: Entwurf eines natürlichen Systems der Papilioniden. *Bibliotheca zoologica* (Cassel) 3(8)(1)(1): 1-64 ([before 19 August] 1891), (2): 65-112 ([before 28 October] 1891), (3): 113-120 (1891); (2)(2): title-page, [i-vi], explanation of plates 1-10 ([before 25 May] 1892) [general; Neotropics]  
1892b-93. Untersuchungen über die Mimicry auf Grundlage eines natürlichen Systems der Papilioniden. Zweiter Theil: Untersuchungen über die Mimicry. *Bibliotheca zoologica* (Cassel; Stuttgart) 3(8)(2)(1): 1-8, pls. 1-4 ([before 21 January] 1892), (2): 9-32 ([before 25 May] 1892), (4): pls. 5-6 ([before 25 February] 1892), (5): pls. 7-8 ([before 13 April] 1892), (7): pls. 9-10 ([before 8 June] 1892), (8): 33-72 ([before 27 July] 1892), (9): 73-98 [first issue], pls. 11-12 ([before 8 October] 1892), (10): 113-120 [first issue], pls. 13-14 ([before 14 December] 1892), (11): 73-161 [second issue], title-page, [i-iv], explanation of plates 11-14 ([before 28 November] 1893) [English translation: Stuttgart, Erwin Nägele. iv + 154 pp., pls. 3-4, 9-14; 1896] [general; Neotropics]
- Habeck, Dale H.** [1931-2010]  
1979. See Silveira, A. & D. H. Habeck, 1979.
- Haber, William A.**  
1983a. *Solanum ochraceo-ferrugineum* (Berenjena de Pasto. Berenjena de Monte), pp. 324-326, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican natural History*. Chicago, The University of Chicago Press [Ithomiinae; Costa Rica]  
1983b. *Solanum siparunoides* (Tomatillo Araño, Spider Wild Tomato), pp. 326-328. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press [Ithomiinae; Costa Rica]  
1984. Pollination by deceit in a mass flowering tropical tree *Plumeria rubra* L. (Apocynaceae). *Biotropica* 16(4): 269-275, 2 figs., 2 tabs. (December) [*Ascia monuste* (Linnaeus); Costa Rica]  
1988. See Koptur, S. et al., 1988.  
1993. Seasonal migration of Monarch and other butterflies in Costa Rica. *Science Series. Natural History Museum of Los Angeles County* 38: 201-207, 6 figs., 3 tabs. (18 February) [general]  
1998. See Feldman, T. S. & W. A. Haber, 1998.  
2000a. See Stevenson, R. D. & W. A. Haber, 2000a.  
2000b. See Stevenson, R. D. & W. A. Haber, 2000b.  
2004. See Frankie, G. W. et al., 2004.  
2009. See Janzen, D. H. et al., 2009.
- Haber, William A., and Gordon W. Frankie**  
1982. Pollination of *Luehea* (Tiliaceae) in Costa Rican deciduous forest. *Ecology* 63(6): 1740-1750, 4 figs., 9 tabs. (December) [general]
- Haber, William A., and Robert D. Stevenson**  
2004. *Diversity, migration, and conservation of butterflies in northern Costa Rica*, pp. 99-114, 3 figs., 2 tabs., 1 map. In: Frankie, G. W., A. Mata & S. B. Vinson (Eds.), *Biodiversity conservation in Costa Rica. Learning the lessons in a seasonal dry forest*. Berkeley, University of California Press (February) [general]
- Habib, Mohamed Ezz El-Din Mostafa**  
1984. See Andrade, C. F. S. & M. E. E. M. Habib, 1984.  
1990a. See Ronchi-Teles, B. & M. E. E. M. Habib, 1990a.  
1990b. See Ronchi-Teles, B. & M. E. E. M. Habib, 1990b.  
2001. See Nogueira, M. D. & M. E. E. M. Habib, 2001.  
2002. See Nogueira, M. D. & M. E. E. M. Habib, 2002.
- Habib, Mohamed Ezz El-Din Mostafa, and Carlos Fernando Salgueirosa de Andrade**  
1977. Epizootia em larvas de *Brassolis sophorae* (Linnaeus, 1758) causada por *Beauveria bassiana* (Bals.) Vuill., com estudos de identificação e sintomatologia. *Anais da Sociedade entomológica do Brasil* 6(2): 230-237, 4 figs. [Brazil]
- Habib, Mohamed Ezz El-Din Mostafa, Carlos Fernando Salgueirosa de Andrade and Angelo Favaro, Jr.**  
1986. Classificação patológica e susceptibilidade de larvas de *Brassolis sophorae* (L., 1758) infectadas por *Bacillus thuringiensis* var. *kurstaki* (H:3a-3b). *Revista de Agricultura* (Piracicaba) 61(2): 105-113, 3 figs., 2 tabs. (October) [Brazil]
- Hachler, Emil** [1910-1996]  
1946. Zeměpisné rozšíření otakárka fenyklového (*Papilio machaon* L.) a jeho výskyt u nás. *Acta Musei Moraviae* 30(2): 3-33, 2 figs., 1 map [Mexico, Central and South



America]

**Hackman, Walter** [1916-2001]

1966. On wing reduction and loss of wings in Lepidoptera. *Notulae entomologicae* 46(1): 1-16, 12 figs. [Dismorphia]

**Hackwell, Stuart**

2002. See Dasmahapatra, K. K. et al., 2002.

**Haddad, Célio Fernando Baptista**

1989. See Benson, W. W. et al., 1989.

**Haddad, Nick M.**

1996. See Austin, G. T. et al., 1996.

2010. See Leidner, A. K. et al., 2010.

**Haddad, Oscar, and Miguel Millán**

1975. La parchita maracuyá (*Passiflora edulis* f. *flavicarpa* Degener). *Boletín técnico. Fondo de Desarrollo frutícola* (Caracas) 2: 1-82, 33 figs., 7 tabs. [*Dione juno* (Cramer), *D. vanillae* (Linnaeus), *Colaenis julia* (Fabricius), *Eueides isabella* (Cramer), host plant; Venezuela]

**Haensch, Richard**

1898. [Notes]. *Berliner entomologische Zeitschrift* 43(1/2): (14)-(16), (20)-(21), (24) (mid November) [*Morpho metellus* (Cramer), Brassoliniæ; Brazil]

1899a. [Notes]. *Berliner entomologische Zeitschrift* 44(1/2): (5)-(6), ((17)-(19), (22)-(23) (mid July) [Ithomiinae; Surinam]

1899b. [A note]. *Berliner entomologische Zeitschrift* 44(1/2): (18)-(19) (mid July) [*Morpho* spp.]

1899c. [A note]. *Berliner entomologische Zeitschrift* 44(1/2): (22)-(23) (mid July) [*Dismorphia* sp., Ithomiinae; Brazil]

1899d. See Thieme, T. A. O. & R. Haensch, 1899a.

1899e. See Thieme, T. A. O. & R. Haensch, 1899b.

1899f. See Thieme, T. A. O. & R. Haensch, 1899c.

1903a. Kurzer Bericht über die entomolog. Ergebnisse meiner Ecuador-Reise. *Berliner entomologische Zeitschrift* 48(3): 149-156 (mid August) [general]

1903b. Die Ithomiinen (Neotropiden) meiner Ecuador-Reise. Mit Beschreibungen neuer Formen und biologischen Notizen. *Berliner entomologische Zeitschrift* 48(3): 157-214, pl. 3 (mid August) [general; *Tithorea humboldtii albomaculata*, *T. bonita*, *T. hermius hermina*, *T. h. h.* aberration *napona*, *Melinaea zaneka* aberration *maculosa*, *M. menophilus cocana*, *Mechanitis olivencia jantana*, *Ceratinia honesta bicolora*, *C. moebiusi*, *C. semifulva* aberration *occulta*, *C. tenna*, *C. napona*, *C. n.* aberration *calva*, *C. fulminans satura*, *C. fluonia berna*, *C. norella norellana*, *Napeogenes quadrilis*, *N. avila*, *Scada theaphia batesi*, *S. ethica* aberration *quotidiana*, *Dircenna visina*, *D. suna*, *D. vandona*, *D. v.* aberration *immaculata*, *D. loreta*, *D. varina* aberration *partita*, *Ithomia morena*, *I. terrana*, *I. derasa* aberration *travella*, *I. amarilla*, *Callolera poecila* aberration *poecilana*, *C. radiosa*, *Hyposcada ida*, *Leucothyris lota escura*, *L. l.* aberration *confluens*, *L. sexmaculata*, *L. assimilis*, *L. tabera* aberration *maerenda*, *L. solida* aberration *completa*, *L. santineza*, *L. banjana*, *L. fasciata*, *L. baizana*, *L. makrenita*, *L. modesta*, *L. quadrata*, *Episcada praestigiosa*, *Pteronymia barilla*, *P. inania*, *P. serrata*, *P. santanella*, *P. zabina brunneata*, *P. vestilla sparsa*, *P. alissa* aberration *alissana*, *P. aellia aelliata*, *P. glauca*, *Aeria sisenna palmara*, *Pseudoscada subtilis*, *Hypoleria karschi*, *H. oculata*, *H. coenina* aberration *adornata*, *Dismenitis* (new genus) *zavaletta amaretta*, *D. hewitsoni*, *D. hermana*, *Hymenitis umbrosa*, *H. ochretis*, *Miraleria* (new genus) *cymothoe* aberration *flavomaculata*, *M. sylvella* aberration *ornata*, *Heterosais pallidula*]

1905. Neue südamerikanische Ithomiinae meiner Sammlung. *Berliner entomologische Zeitschrift* 50(1/2): 142-182, pls. 4-5, 7 figs. (mid November) [*Olyras sticheli*, *Tithorea melanina*, *T. assimilis*, *T. brunnea*, *Athyrtis distincta*,

*Melinaea magnifica*, *Mechanitis casabranca*, *M. mazaesus* aberration *nigroapicalis*, *M. m.* aberration *phasianita*, *M. eurydice*, *M. lysimnia* aberration *sulphurescens*, *M. l.* aberration *albescens*, *Ceratinia polymnides*, *C. p.* aberration *menans*, *C. viola*, *C. v.* aberration *boliviensis*, *C. pamina*, *C. nina*, *C. callanga*, *C. ignorata*, *C. i.* aberration *michaelisi*, *C. sellana*, *C. ninonia* aberration *completa*, *C. n.* aberration *latefasciata*, *C. n.* aberration *maculata*, *C. granadensis*, *C. pellucida*, *C. angelina*, *C. limpida*, *C. xanthostola* aberration *desmora*, *C. nora*, *C. atagalpa*, *C. cana*, *Napeogenes adulta*, *N. a.* aberration *dilutata*, *N. moles*, *N. olyrina*, *N. terastis*, *N. deucalion*, *N. gracilis*, *N. pteronymienseis*, *N. sodalis*, *Callithomia schulzi*, *Sais paraensis*, *S. camariensis*, *S. badia*, *Scada majuscula*, *S. amplificata*, *Ithomia celemia* aberration *candescens*, *I. c.* aberration *splendens*, *I. c.* aberration *lurida*, *I. alienassa*, *I. eleonora*, *Callolera chanchamaya*, *C. poecila* aberration *nigrorascens*, *C. robusta*, *C. porrecta*, *C. fuscens*, *C. iolaia* aberration *conveniens*, *C. peruensis*, *Hyposcada rezia*, *H. idina*, *Leucothyris amazona*, *L. lubilerda*, *L. attalita*, *L. valida*, *L. bioculata*, *L. epimakrena*, *L. caucana*, *L. fumata*, *Episcada hymen*, *E. sulphurea*, *E. helena*, *E. cabenis*, *E. sylpha*, *E. sidonia*, *E. dirama*, *Pteronymia dispar*, *P. splendida*, *P. latilla* aberration *albicans*, *P. l.* aberration *nigricans*, *P. olimba*, *P. vestilla* aberration *ucaya*, *P. tenuis*, *P. auricula*, *P. derama*, *P. nepiscada*, *P. yungava*, *P. denticulata*, *P. evonia*, *P. medellina*, *Pseudoscada emyra*, *P. florula* aberration *exornata*, *P. fallens*, *Hypoleria indecora*, *H. cajona*, *H. oriana* aberration *famina*, *H. garleppi*, *H. riffarthi*, *Hymenitis nerina*, *H. enigma*]

1909-10. 3. Familie: Danaidae. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 113-120 (13 May 1909), 121-128 (26 May 1909), 129-144 (31 May 1909), 145-160 (30 July 1909), 161-168 (2 February 1910), 169-171 (25 April 1910), pls. 31-41 [general; ecology; behavior; new taxa: *Danais archippus* form *nigrippus*, *Lycorea ceres* form *fasciata*, *L. halia* aberration *referrens*, *L. h.* form *discreta*, *Ituna lamirus* aberration *fenestrata*, *I. l.* form *decolorata*, *Tithorea tamasea* form *lugubris*, *Hirsutis* (new genus) *tarricina* aberration *obscurata*, *H. pseudonyma* form *lateflava*, *Athyrtis mechanitis* form *amanga*, *Melinaea zaneka* aberration *discurrens*, *M. menophilus* form *tarapotensis*, *M. mediatrix* aberration *anina*, *M. manga*, *M. madeira*, *M. maeonis* form *zamora*, *M. thera* form *tecta*, *Mechanitis polymnia* form *caucaensis*, *M. lycidice* form *arcana*, *Aprotopos melantho* form *randolis*, *Callithomia schulzi* form *infuscata*, *Ceratinia fenestella* form *valora*, *C. vallina*, *C. maenas*, *C. thea* form *theatina*, *C. dionaea* form *fraterna*, *C. mysotis*, *C. lurida* form *florens*, *Dircenna klugi* form *chiriquensis*, *D. epidero* aberration *signata*, *Epithomia agrippina* form *fumantis*, *E. alphi* form *nikita*, *Ithomia ellara eleonora* aberration *beata*, *I. ossuna*, *I. terra* form *vulcana*, *Callolera hopfferi* form *onoma*, *C. nise* form *tarapotis*, *Hyposcada adelphina* form *evanides*, *Leucothyris ida* form *lerda*, *L. sexmaculata* form *praemona*, *L. dolabella* form *brisotis*, *L. flexibilis*, *L. f.* form *virina*, *L. amazona* form *ramona*, *L. enania*, *L. borilis*, *L. astraea* form *antaxis*, *L. stradopsis*, *L. serdolis*, *L. cyrene* form *radina*, *L. deronda* form *derondina*, *L. athalina* form *tremona*, *L. amalda* form *amaldina*, *L. sarilis*, *L. estella* form *subosa*, *L. ferra*, *L. f.* form *thyridiana*, *Episcada clausina* form *striposis*, *E. cora*, *E. lobusa*, *Pteronymia donata*, *P. veia* aberration *brunnea*, *P. zerlina* form *tamina*, *P. lincera* form *alina*, *P. tucuna tanampaya*, *P. t. bueya*, *P. huamba*, *P. thabena* form *stantis*, *P. starkei* form *semonis*, *Velamysta*, *Hypoleria orolina* form *sedusa*,

*H. oncidia* form *quadrona*, *H. xenophis*, *Pseudoscada salonina* form *trepotis*, *Dismenitis lauta*, *Hymenitis andromica dromica*, *H. polissena* form *umbrana*, *H. sappho*; Neotropics]

**Haegeman, Bart**

2012. See Etienne, R. S. et al., 2012.

**Häsler, Beatrice, and Thomas W. Baumann**

2000. *Henri Pittier. 1857-1950. Leben und Werke eines Schweizer Naturforschers in den Neotropen*. Basel, Friedrich Reinhardt Verlag. 455 pp., figs. [general; Costa Rica, Venezuela]

**Hättenschwiler, Peter**

2011. See Nieuwerkerken, E. J. van et al., 2011.

**Häuser, Christoph Leonard** [1959- ]

1992. A new abdominal scent organ in females of *Baronia brevicornis* (Lepidoptera: Papilionidae). *Zoologischer Anzeiger* 229(1/2): 54-62, 3 figs. (October) [Mexico]

1993a. Critical comments on the phylogenetic relationships within the family Papilionidae (Lepidoptera). *Nota lepidopterologica* 16(1): 34-43, 1 fig. (31 July) [general]

1993b. Die inneren weiblichen Genitalorgane der Tagfalter (Rhopalocera): Vergleichende Morphologie und phylogenetische Interpretation (Insecta, Lepidoptera). *Zoologische Jahrbücher. Abteilung für Systematik, Ökologie und Geographie der Tiere* 120(4): 389-439, 23 figs., 3 tabs. (November) [general]

1993c. Zur phylogenetisch-systematischen Bedeutung der weiblichen Genitalorgane der Tagfalter (Lepidoptera: Papilionidae). *Mitteilungen der deutschen Gesellschaft für allgemeine und angewandte Entomologie* 8: 447-449. [general]

2008. See Fiedler, K. et al., 2008.

**Häuser, Christoph Leonard, Daniel Bartsch, Joachim Holstein and Axel Steiner**

2003. The Lepidoptera type material of G. A. W. Herrich-Schäffer in the Staatliches Musum für Naturkunde, Stuttgart. *Stuttgarter Beiträge zur Naturkunde (A) (Biologie)* 657: 1-78, 65 figs., 2 tabs. (31 December) [general]

**Häuser, Christop Leonard, Konrad Fiedler, Daniel Bartsch, Gunnar Brehm, Martina King, Dirk Süssenbach and Giovanni Onore**

2008. Butterflies (Lepidoptera: Papilionoidea). Checklist Reserva Biológica San Francisco (Prov. Zamora-Chinchipe, S. Ecuador). *Ecotropical Monographs* 4: 145-154 (January) [general]

**Hafernik, John E., Jr.**

1982a. Phenetics and ecology of hybridization in buckeye butterflies (Lepidoptera: Nymphalidae). *University of California Publications in Entomology* 96: vii + 109 pp., 35 figs., 15 tabs. (September) [*Junonia* spp.; Mexico, Guatemala]

1982b. Mimetic selection and subspecific variation in the spicebush swallowtail *Papilio troilus* Linnaeus (Lepidoptera: Papilionidae). *Pan-Pacific Entomologist* 58(4): 278-283, 1 fig. (30 December) [Mexico]

**Haffer, Jürgen**

1978. See Simpson, B. B. & J. Haffer, 1978.

**Hagen, Hermann August** [1817-1893]

1857. Thunbergs entomologische Dissertationen. *Stettiner entomologische Zeitung* 18(1/3): 5-12 (January-March), (4/6): 200-204 (April-June) [general]

1861. Insekten-Zwitter. *Stettiner entomologische Zeitung* 22(7/9): 259-286 (July-September) [general]

1863. Die Insecten-Namen der Tupi-Sprache. *Stettiner entomologische Zeitung* 24(7/9): 252-259 (July-

September) [Brazil]

1868. [A note]. *Proceedings of the Boston Society of natural History* 12: 163-164 (December) [*Caligo ilioneus* [sic] (Cramer); teratology; Brazil]

1872. Schmetterlinge mit Raupenkopf und ähnliche Missbildungen. *Stettiner entomologische Zeitung* 33(10/12): 388-402 (late October) [*Morpho eurylochus* [sic] (Cramer); Brazil]

1876a. [A note]. *Annales de la Société entomologique de Belgique* 18(3): Iv-lvi (2 February) [*Euryades corethrus* (Boisduval), *E. duponcheli* (Lucas); Argentina]

1876b. On some insect deformities. *Memoirs of the Museum of comparative Zoology* 2(9): 1-23, 1 pl. (May) [*Morpho eurylochus* [sic] (Cramer); Brazil]

**Hagen, Robert H.**

1991a. See Scriber, J. M. et al., 1991.

1991b. See Scriber, J. M. et al., 1991.

**Hagen, Robert H., and John Mark Scriber**

1991. Systematics of the *Papilio glaucus* and *P. troilus* species groups (Lepidoptera: Papilionidae): Inferences from allozymes. *Annals of the entomological Society of America* 84(4): 380-395, 7 figs., 4 tabs. (July) [general; Mexico]

1995. *Sex chromosomes and speciation in tiger swallowtails*, pp. 211-227, 7 figs., 6 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [Mexico]

**Hagmann, Gottfried** [1874-1946]

1922. In Sachen der Wahrheit und Gerechtigkeit. Eine Erwiderung an A. H. Fassel aus Teplitz. *Entomologische Zeitschrift* 36(10) (suppl.): [1]-[4] (26 August) [general; Brazil]

**Hahn, Matthew W.**

2016. See Mallet, J. L. B. et al., 2016.

**Hahnel, Paul** [1843-1887]

1881. Reisebrief von Massanary [sic] (am Rio Manès [sic], Nebenarm des Amazonenstroms). *Entomologische Nachrichten* 7(3): 49-50 (1 February) [general; behavior; Brazil]

1890. Entomologische Erinnerungen an Süd-Amerika. *Deutsche entomologische Zeitschrift "Iris"* 3(1): 133-208 (September), (2): 209-332 (late December) [general]

**Haig, Janet**

1978. A catalog of arthropod types in the Allan Hancock Foundation. Part I. Non-Crustacean arthropods. *Technical Reports of the Allan Hancock Foundation* 1: 1-4 (8 March) [*Agathymus dawsoni* Harbison]

**Hailman, Jack Parker** [1936- ]

1977. *Optical signals. Animal communication and light*. Bloomington, Indiana University Press. xix + 362 pp., figs., tabs. [general]

**Haines, William P.**

2017. See Shiels, A. B. et al., 2017.

**Hainze, John H.**

1987. See Scriber, J. M. & J. H. Hainze, 1987.

**Haji, Francisca Nemauro Pedrosa**

1993. See Lima, P. C. F. & F. N. P. Haji, 1993.

2000. See Kiill, L. H. P. et al., 2000.

**Hajibabaei, Mehrdad**

2005. See Janzen, D. H. et al., 2005.

2007. See Burns, J. M. et al., 2007.

2008. See Burns, J. M. et al., 2008.

2009a. See Janzen, D. H. et al., 2009.

2009b. See Burns, J. M. et al., 2009.

2010. See Burns, J. M. et al., 2010b.

2011a. See Shokralla, S. et al., 2011.

- 2011b. See Janzen, D. H. et al., 2011.
- 2012a. See Smith, M. A. et al., 2012.
- 2012b. See Chacón, I. A. et al., 2012.
- 2013a. See Burns, J. M. et al., 2013.
- 2013b. See Grishin, N. V. et al., 2013a.
- 2014a. See Fernández-Triana, J. L. et al., 2014.
- 2014b. See Bertrand, C. et al., 2014.
- 2017a. See Bächtold, A. et al., 2017.
- 2017b. See Janzen, D. H. et al., 2017.
- Hajibabaei, Mehrdad, Daniel Hunt Janzen, John McLauren Burns, Winifred D. Hallwachs and Paul David Neil Hebert**
2006. DNA barcodes distinguish species of tropical Lepidoptera. *Proceedings of the national Academy of Sciences of the United States of America* 103(4): 968-971, 4 figs., 2 tabs. (24 January; published online 17 January) [Hesperiidae; Costa Rica]
- Hakim, Raziul S.**
2003. See Akai, H. et al., 2003b.
- Halak, André Luiz**
2010. See Malerbo-Souza, D. T. & A. L. Halak, 2010.
- Halbritter, Dale A., Caroline G. Storer, Akito Yuji Kawahara and Jaret Christian Daniels**
2019. Phylogeography and population genetics of pine butterflies: Sky islands increase genetic divergence. *Ecology and Evolution* 9(23): 13389-13401, 4 figs., 5 tabs. (December; published online 7 November) [*Neophasia terlooii* Behr, *N. menapia* (C. Felder & R. Felder); Mexico]
- Halder, Georg**
2008. See Papa, R. et al., 2008a.
2010. See Counterman, B. A. et al., 2010.
2011. See Reed, R. D. et al., 2011.
2012. See Martin, A. et al., 2012.
- Hale, Jeremy**
1995. See Van den Berghe, E. P. et al., 1995.
- Halffter, Gonzalo [1932- ]**
1957. *Plagas que afectan a las distintas especies de Agave cultivadas en México*. México, Secretaría de Agricultura y Ganadería, Dirección General de Defensa Agrícola. 135 pp., 5 pls., 31 figs. [*Acentrocne hesperiaris* (Walker); egg, larva, pupa, imago; parasitoids; host plants]
2013. See Ramírez, L. & G. Halffter, 2013.
- Hall, Arthur [1873-1952]**
1895. [A note]. *Proceedings of the South London entomological & natural History Society* 1894-95: 58-59 [*Pyrameis myrinna* Doubleday; Colombia]
1905. Lepidoptera collected in Central America. *Entomologist* 38(508): 228-231 (September) [general]
1907. [A note]. *Proceedings of the South London entomological & natural History Society* 1906-07: 40 [*Catagramma*; South America]
1917. New butterflies of the family Nymphalidae. *Entomologist* 50(650): 161-163 (July), (651): 171-174 (August) [*Colaenis julia* variety *dominicana*, *Phyciodes zamora*, *P. cortes*, *P. carrera*, *P. aquila*, *P. notus*, *Chlosyne hyperia* variety *irrubescens*, *Pyrameis myrinna* aberration *eunice*, *Dynamine haenschi*, *Catagramma maimuna* variety *kayei*, *C. quirina*, *Panacea procilla* variety *mamorensis*, *Hypna mexicana*, *Anaea tehuana*, *Siderone mars* variety *angustifascia*; Neotropics]
1919. Descriptions of twelve new nymphaline butterflies. *Entomologist* 52(676): 195-200 (September) [*Euptoieta claudia* variety *thekla*, *Junonia lavinia* variety *melanina*, *Cybdelis mnasylyus* variety *meridionalis*, *Dynamine isolda*, *Eunica mygdonia* variety *omoa*, *E. cinara* variety *vega*, *Temenis laothoe* form *creta*, *Catagramma maimuna* variety *chiriguana*; Neotropics]
- 1921a. Notes on the synonymy of *Dione moneta*, Hübn. and *D. glycera*, Feld. *Entomologist* 54(703): 276-278 (December)
- 1921b. Descriptions of three new butterflies from Colombia. *Entomologist* 54(703): 278-279 (December) [*Actinote elena*, *Eresia callianthina*, *Eueides crystalina*]
1924. Descriptions of two new forms of *Chlosyne* (Lep. Nymphalidae). *Entomologist* 57(738): 241-242, 4 figs. (November) [*C. rosita*, *C. lacinia montana*; Guatemala, Mexico]
1925. List of the butterflies of Hispaniola. *Entomologist* 58(746): 161-165 (July), (747): 186-190 (August) [general; new taxa: *Danais kaempferi*, *Colaenis julia hispaniola*, *Clothilda pantherata clarescens*, *Ageronia februa antillana*]
- 1927a. On a migratory flight of *Catopsilia statira* Cr. *Entomologist* 60(768): 97-98 (May) [Costa Rica]
- 1927b. A new species of *Anaea* (Lep. Nymphalidae) from Chiriqui. *Entomologist* 60(770): 149 (July) [*A. balboa*; Panama]
- 1927c. A possible dipterous parasite of adult Lepidoptera. *Entomologist* 60(770): 164 (July) [*Morpho octavia* Bates; Guatemala]
- 1928a. Some new forms of Nymphalinae (Rhopalocera) from tropical America. *Entomologist* 61(776): 11-13 (January) [*Phyciodes ithra rufocincta*, *P. tissoides*, *P. fontus*, *P. teletusa signata*, *P. etia selenoides*, *P. sepultus*, *P. polinella*, *P. laias lycus*, *P. ithomioides cissia*, *P. epione elenae*, *P. mundina peraea*, *Vila semistalactis*, *Didonis biblis pacifica*, *Eunica sophonisba mossi*]
- 1928b. A revision of the genus *Phyciodes* Hübn. (Lepidoptera, Nymphalidae). *Bulletin of the Hill Museum* 2(2, suppl. 1): 1-20, pls. 1-3 (18 June), (3, suppl.): 21-44 (17 November) [general; new subspecies: *P. phaon maya*, *P. mylitta mexicana*; Neotropics]
- 1929a. A revision of the genus *Phyciodes* Hübn. (Lepidoptera, Nymphalidae). *Bulletin of the Hill Museum* 3(1, suppl.): 45-94 (30 April) [general; new taxa: *P. vesta vestalis*, *P. prima*, *P. frisia dubia*, *P. ptolyca amator*; Neotropics]
- 1929b. New forms of Nymphalidae (Rhopalocera) in the collection of the British Museum. *Entomologist* 62(793): 130-134, pl. 3 (June) [*Cystineura hypermnestra latimargo*, *Megalura iole violetta*, *Adelpha iaere*, *A. cestus lapitha*, *Eunica chlorochroa cygoea*, *Anaea verticordia luciana*, *A. euryppyle confusa*, *A. titan peralta*, *A. praxias oblita*, *Vila stalactoides*; Neotropics]
- 1929c. A revision of the genus *Phyciodes* Hübn. (Lepidoptera, Nymphalidae). *Bulletin of the Hill Museum* 3(2, suppl.): 95-146 (29 August), (3, suppl.): 147-170 (30 December) [general; new taxa: *P. sitalces saltator*, *P. catula catula* aberration *fulvocincta*, *P. notus* form *pullopecta*, *P. ofella guaya*, *P. clio estebana*, *P. c. reducta*, *P. nauplia extensa*, *P. letitia nigra* female form *leucophaeoides*, *P. erysice etesia*, *P. pelonia* form *hewitsonii*; Neotropics]
- 1930a. On the synonymy of two species of *Clothilda* (Lep. Nymphalidae). *Entomologist* 63(800): 13-14 (January) [*C. pantherata* (Martyn), *C. numidia* (Hübner); Cuba, Hispaniola]
- 1930b. A revision of the genus *Phyciodes* Hübn. (Lepidoptera, Nymphalidae). *Bulletin of the Hill Museum* 4(1, suppl.): 171-205 (28 July) [general; new taxa: *P. margaretha manto*, *P. mundina* form *callianira*, *P. eutropia* aberration *nivifera*, *P. e. confirmans*; Neotropics]
- 1930c. New forms of Nymphalidae (Rhopalocera) in the British Museum. *Entomologist* 63(806): 156-160 (July) [*Dynamine gillotti*, *Euptoieta claudia perdincta*; Costa Rica, Peru]

- 1930d. A revision of the genus *Phyciodes* Hübn. (Lepidoptera, Nymphalidae). *Bulletin of the Hill Museum* 4(2, suppl.): 205-206 (29 December) [general]
- 1930e. New forms of tropical Rhopalocera. *Entomologist* 63(811): 278-279 (December) [*Papilio polydamas grenadensis*, *Heliconius hecale cleari*, *Pseudoscada wana*, *Pyrrhogyra neaerea* form *reducta*; Grenada, Guyana]
1933. On the distribution and synonymy of the *Adelpha* of Para. *Novitates zoologicae* 39(1): 10-11, pl. 1, figs. 19-20 (23 October) [general; new species: *A. pseudococala*, *A. mossi*; South America, Trinidad]
1935. New forms of Nymphalinae and Ithomiinae. *Entomologist* 68(869): 221-227, pl. 6 (October) [*Phyciodes simois pratti*, *P. orthia roberi*, *P. mundina testacea*, *Eunica noerina*, *Myscelia cyaniris albescens*, *Dynamine marcoyi*, *Vila caecilia* form *sinefascia*, *Adelpha salus*, *A. saundersii frontina*, *Anaea fumata*, *A. pithyusa morena*, *A. lankesteri*, *A. xenocles* female form *fisilis*, *A. x. marginalis*, *A. xenippa*, *Siderone marthesia* form *cancellariae*, *Doxocopa laure fabricii*, *Melinaea maeonis borealis*, *M. erasthenes*, *M. agricola*, *M. lilis lateapicalis*, *M. imitata limitata*; Neotropics]
1936. The butterflies of St. Kitts. *Entomologist* 69(883): 274-278 (December) [general; new subspecies: *Papilio polydamas christopheranus*, *Appias drusilla monomorpha*, *Terias leuce antillarum*, *Heliconius charithomia punctata*, *Colaenis julia warneri*, *Anaea troglodyta minor*]
1938. On the types of *Adelpha* (Lep., Nymphalidae) in the collection of the British Museum. *Entomologist* 71(903): 184-187 (August), (904): 208-211 (September), (905): 232-235 (October), (906): 257-259 (November), (907): 284-285 (December) [general; new taxa: *A. irma enope*, *A. salmoneus salmonides*, *A. zina manetho*, *A. justina nicetas*, *A. aricia portunus*, *A. phylaca* form *pseud-aethalia*, *A. delinita utina*, *A. phliassa pseudomalea*, *A. mincia*, *A. poltius*, *A. serpa* form *timehri*, *A. s.* form *viracocha*; Neotropics]
1939. Catalogue of the Lepidoptera Rhopalocera (butterflies) of British Guiana. *Agricultural Journal of British Guiana* 10(1): 25-41, pl. 8 (March), (2): 96-104 (June), (3): 146-169 (September), (4): 215-252 (December) [also in *Entomological Bulletin of the British Guiana Department of Agriculture* 3: 1-88, pl. 8; 1940] [general; host plants; behavior; ecology; distribution; new taxa: *Ceratinia mutilla connexa*, *Antirrhaea taygetina rodwayi*, *Adelpha tizona kayei*, *Anteros violetta*, *Dismorphia crisia roraimae*, *Euptychia newtoni*, *Tmetoglene colaxes guianensis*]
1983. *A monograph of the butterflies of the subfamily Nymphalinae*. Brighton, Booth Museum of Natural History. 180 microfiche ([July]) [general; Neotropics]
- Hall, Donald W., Jerry F. Butler and Marc C. Minno**
2007. Dingy purplewing butterfly, *Eunica monima* (Stoll) (Insecta: Lepidoptera: Nymphalidae: Limenitidinae). *University of Florida Institute of Food and Agricultural Sciences Extension* EENY-412: 1-3, 7 figs. (July) [distribution]
- Hall, J.**
2014. See Churchyard, T. et al., 2014.
- Hall, Jason Piers Wilton**
1993. See Willmott, K. R. et al., 1993.
1994. See Willmott, K. R. & J. P. W. Hall, 1994.
- 1995a. See Willmott, K. R. & J. P. W. Hall, 1995a.
- 1995b. See Willmott, K. R. & J. P. W. Hall, 1995b.
- 1996a. See Torres, R. et al., 1996.
- 1996b. See DeVries, P. J. & J. P. W. Hall, 1996.
1997. See Willmott, K. R. & J. P. W. Hall, 1997.
- 1998a. A review of the genus *Sarota* (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 9(supplement 1): 1-21, 43 figs., 2 tabs. ("30" [18] December) [new taxa: *S. chocoensis*, *S. willmotti*, *S. harveyi*, *S. chloropunctata*, *S. estrada sabanilla*, *S. gamelia alba*; Neotropics]
- 1998b. Six new species in the "foliorum group" of *Theope* (Lepidoptera: Riodinidae). *Lambillionea* 98(4)(2): 562-573, 13 figs. (December) [*T. wallacei*, *T. pakitza*, *T. amicitiae*, *T. sticheli*, *T. busbyi*, *T. batesi*; Panama, French Guiana, Ecuador, Peru, Brazil]
- 1999a. *A revision of the genus Theope. Its systematics and biology* (Lepidoptera: Riodinidae: Nymphidiini). Gainesville, Scientific Publishers. viii + 127 pp., 9 pls., 274 figs., 7 tabs., 1 map ([after March]) [new taxa: *T. nodosus*, *T. pseudopedias*, *T. matuta heureka*, *T. publius incompositus*; new name: *T. christiani*; Neotropics]
- 1999b. See Pyrcz, T. W. et al., 1999.
- 1999c. See Willmott, K. R. & J. P. W. Hall, 1999.
2000. Two new genera in the Neotropical riodinid tribe Nymphidiini (Riodinidae). *Journal of the Lepidopterists' Society* 54(2): 41-46, 7 figs. (15 November) [*Behemothia*, *Protonymphidia*; Central and South America]
- 2001a. See Willmott, K. R., L. M. Constantino et al., 2001.
- 2001b. A revision of the new riodinid genus *Dachetola* (Lepidoptera: Riodinidae). *Journal of the New York entomological Society* 109(2): 183-195, 13 figs. (17 August) [*D. azora* (Godart), *D. virido* (Lathy), *D. caligata* (Stichel), *D. pione* (Bates); taxonomy; Panama, South America]
- 2001c. See Willmott, K. R., J. P. W. Hall et al., 2001.
- 2001d. See Willmott, K. R. & J. P. W. Hall, 2001.
- 2002a. A review of the new riodinid butterfly genus *Panaropsis* (Lepidoptera: Riodinidae: Symmachiini). *Proceedings of the entomological Society of Washington* 104(1): 63-72, 18 figs. (24 January) [Central and South America]
- 2002b. A review of *Chalodeta* Stichel with a revision of the *chelonis* group (Lepidoptera: Riodinidae). *Proceedings of the entomological Society of Washington* 104(2): 376-389, 5 figs. (9 April) [new species: *C. chitinosa*, *C. chlosine*; taxonomy; biogeography; Neotropics]
- 2002c. Phylogeny of the riodinid butterfly tribe Theopeina [sic] (Lepidoptera: Riodinidae: Nymphidiini). *Systematic Entomology* 27(2): 139-167, 14 figs., 3 tabs. (April) [general]
- 2002d. A phylogenetic revision of *Calydna* and relatives (Lepidoptera, Riodinidae). *Insect Systematics and Evolution* 33(2): 185-237, 76 figs., 4 tabs. (July) [new taxa: *Echydna*, *C. jeannea*, *C. nicolayi*, *C. fissilisima*; taxonomy; morphology; biology; biogeography; Neotropics]
- 2002e. See Harvey, D. J. & J. P. W. Hall, 2002.
2003. Phylogenetic reassessment of the five-forewing radial-veined tribes of Riodinidae (Lepidoptera: Riodinidae). *Systematic Entomology* 28(1): 23-37, 8 figs., 3 tabs. (January) [general; new subtribe: *Napaeina*; Neotropics]
- 2004a. See Cock, M. J. W. & J. P. W. Hall, 2004.
- 2004b. The genus *Adelpha*: Its systematics, biology and biogeography (Lepidoptera: Nymphalidae: Limenitidinae). By Keith R. Willmott. 2003. *Proceedings of the entomological Society of Washington* 106(3): 728-730 [general, book review]
- 2004c. See Willmott, K. R. & J. P. W. Hall, 2004a.
- 2004d. *Metalmark butterflies* (Lepidoptera: Riodinidae), pp. 1383-1386, fig. 627. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 2. [Ed. 2, 2008] [general]
- 2004e. See Willmott, K. R. & J. P. W. Hall, 2004b.
- 2005a. A review of the *Metacharis syloes* group (Lepidoptera: Riodinidae), with the description of two new species from

- west of the Andes. *Proceedings of the entomological Society of Washington* 107(1): 200-208, 4 figs. (10 January) [*M. fergusi*, *M. smalli*; Panama, Venezuela, Colombia, Ecuador]
- 2005b. Montane speciation patterns in *Ithomiola* butterflies (Lepidoptera: Riodinidae): are they consistently moving up in the world? *Proceedings of the royal Society of London* (B) 272(1580): 2457-2466, 4 figs., 2 tabs. (7 December; published online 4 October) [biogeography; Central and South America]
- 2005c. A phylogenetic revision of the *Napaea* (Lepidoptera: Riodinidae: *Mesosemiini*). Washington, DC, Entomological Society of Washington. [vi] + 235 pp., 163 figs., 13 tabs. [general; new taxa: *Ionotus*, *Napaea fratelloi* Hall & Harvey, *N. gynaecomorpha* Hall, Harvey & Gallard, *N. joinvillea* Hall & Harvey, *N. mellosa* Hall & Harvey, *N. rufolimba* Hall, *Hermathena eburna* Hall & Harvey, *Ithomiola bajatanos* Hall, *I. calculosa* Hall & Harvey, *I. theages tessera* Hall; Neotropics]
- 2006a. See Pyrcz, T. W. et al., 2006.
- 2006b. A remarkable new riodinid species, *Stalachtis halloweenii* (Riodinidae: Stalachtini), from Mount Ayanganna, Guyana. *Journal of the Lepidopterists' Society* 60(3): 138-142, 4 figs. (2 October) [phylogeny; ecology; behavior]
- 2007a. Two new genera in the Nymphidiina (Lepidoptera: Riodinidae: Nymphidiini). *Zootaxa* 1415: 35-42, 6 figs. (5 March) [*Livendula*, *Minotauros*; morphology, taxonomy; Amazon]
- 2007b. Phylogenetic revision of the new Neotropical riodinid genus *Minstrellus* (Lepidoptera: Riodinidae). *Annals of the entomological Society of America* 100(6): 773-786, 15 figs., 2 tabs. (November) [Colombia, Ecuador, Peru, Bolivia, Brazil]
2008. *Theope* revisited: A synopsis of new discoveries, with the description of three new species (Lepidoptera: Riodinidae: Nymphidiini). *Proceedings of the entomological Society of Washington* 110(1): 144-158, 15 figs. (January) [new species: *T. tetrastigmoides*, *T. harrisi*, *T. euselasia*; Ecuador, Peru, Brazil, French Guiana]
- 2009a. See Willmott, K. R. et al., 2009.
- 2009b. See Janzen, D. H. et al., 2009.
2010. See Willmott, K. R. & J. P. W. Hall, 2010.
2013. See Willmott, K. R. & J. P. W. Hall, 2013.
- 2015a. See Espeland, M. et al., 2015.
- 2015b. See Nakahara, S. et al., 2015e.
- 2017a. See Willmott, K. R. et al., 2017a.
- 2017b. See Willmott, K. R. et al., 2017c.
- 2018a. A monograph of the Nymphidiina (Lepidoptera: Riodinidae: Nymphidiini). *Phylogeny, taxonomy, biology and biogeography*. Washington, DC, The Entomological Society of Washington. [10] + 990 pp., 589 figs., 47 tabs. (6 February) [general; new taxa: *Catocyclotis wiltoni*, *C. marmoreus*, *Nymphidium pseudominuta*, *Annulata*, *Thenpea*, *Parvospila*, *Periplacis homerus*, *Pseudolivendula*, *Ahrenholzia* (new genus) *pimpilala*, *Zelotaea spectra*, *Diminutiva*, *Argyraspila* (new genus) *boyi*, *A. alma*, *Calospila furvolinea*, *Sanguinea* (new genus) *cruentata cumulata*, *Catagrammina hedonisma*, *C. tapaja augea*, *C. t. eumaea*, *Setabis disparilis notios*, *S. brunneus*; Central and South America]
- 2018b. See Nakahara et al., 2018a.
- 2018c. See Willmott, K. R. et al., 2018.
- 2019a. See Willmott, K. R. et al., 2019.
- 2019b. See Willmott, K. R. & J. P. W. Hall, 2019.
- Hall, Jason Piers Wilton, and David Henry Ahrenholz**
2010. A new species of *Alesa* (Riodinidae: Eurybiini) from Eastern Ecuador. *Tropical Lepidoptera Research* 20(1): 19-22, 3 figs. (1 June) [*A. suzana*]
- Hall, Jason Piers Wilton, and George Traut Austin**
1997. Riodinidae of Rondônia, Brazil: A new species of *Theope* (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 8(2): 101-102, 2 figs. (23 December) [*T. turneri*]
- Hall, Jason Piers Wilton, and Curtis John Callaghan**
2003. A revision of the new riodinid butterfly genus *Pseudotinea* (Lepidoptera: Riodinidae). *Journal of natural History* 37(7): 821-837, 14 figs. (10 April) [new species: *P. eiselei*, *P. gagarini*; biogeography; morphology; South America]
- Hall, Jason Piers Wilton, and Eurides Furtado**
1999. Two new species and one subspecies of riodinid from southwest Brazil (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 10(1): 19-24, 7 figs. ("30 November" [30 December]) [*Xenandra mielkei*, *Argyrogrammana talboti naranjilla*, *Pachythone analuciae*]
- Hall, Jason Piers Wilton, and Donald James Harvey**
1998. A new genus of riodinid, with a new species from Panama (Lepidoptera: Riodinidae: Nymphidiini). *Tropical Lepidoptera* 9(supplement 1): 36-41, 10 figs. ("30" [18 December]) [*Archaeonympha*, *A. smalli*; Brazil, Peru, Trinidad]
- 2001a. A reassessment of *Calociasma* with the description of a new genus and a new species (Riodinidae: Nymphidiini). *Journal of the New York entomological Society* 109(2): 196-205, 6 figs. (17 August) [*Calicosama robbinsi*; taxonomy; morphology; distribution]
- 2001b. Phylogenetic revision of the *Charis gynaea* group (Lepidoptera: Riodinidae) with comments on historical relationships among Neotropical areas of endemism. *Annals of the entomological Society of America* 94(5): 631-647, 10 figs., 2 tabs. (September) [new species: *C. barnesi*, *C. callaghani*, *C. gallardi*, *C. nicolayi*, *C. smalli*; taxonomy; biogeography; Central and South America]
- 2001c. A phylogenetic analysis of the Neotropical riodinid butterfly genera *Juditha*, *Lemonias*, *Thisbe* and *Uranis*, with a revision of *Juditha* (Lepidoptera: Riodinidae: Nymphidiini). *Systematic Entomology* 26(4): 453-490, 16 figs., 2 tabs. (October) [new species: *J. inambari*, *J. naza*; biogeography; life histories; host plants; ecology; behavior]
- 2002a. A phylogenetic review of *Charis* and *Calephelis* (Lepidoptera: Riodinidae). *Annals of the entomological Society of America* 95(4): 407-421, 11 figs., 4 tabs. (July) [new genera: *Seco*, *Detritivora*; taxonomy; morphology; host plants; Neotropics]
- 2002b. The phylogeography of Amazonia revisited: New evidence from riodinid butterflies. *Evolution* 56(7): 1489-1497, 3 figs. (9 August) [general]
- 2002c. A revision of the Neotropical butterfly genus *Seco* Hall & Harvey (Lepidoptera: Riodinidae). *Proceedings of the entomological Society of Washington* 104(4): 941-947, 4 figs. (27 September) [taxonomy; biology; distribution; South America]
- 2002d. A survey of androconial organs in the Riodinidae (Lepidoptera). *Zoological Journal of the Linnean Society* 136(2): 171-197, 12 figs., 4 tabs. ([16] October; published online 13 September) [general]
- 2002e. Basal subtribes of the Nymphidiini (Lepidoptera: Riodinidae): phylogeny and myrmecophily. *Cladistics* 18(6): 539-569, 12 figs., 6 tabs. (December) [new taxa: *Aricorina*, *Ariconias*; Central and South America]
2004. Five new riodinid species from the Napo region of Ecuador and Peru (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 12(1/2): 35-41, 10 figs. (23 December) [*Euselasia rufomarginata*, *E. michaeli*, *Mesosemia kahuapayani*, *M. quadralineata*, *Calospila napoensis*;

- Brazil]
2007. Three new species of *Symmachiini* from Panama and Colombia (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 16(1/2): 7-10, 7 figs. (25 May) [*Symmachia satana*, *Lucillella splendida*, *Esthemopsis talamanca*; Costa Rica]
- Hall, Jason Piers Wilton, Donald James Harvey and Daniel Hunt Janzen**
2004. Life history of *Calydna sturnula* with a review of larval and pupal balloon setae in the Riodinidae (Lepidoptera). *Annals of the entomological Society of America* 97(2): 310-321, 8 figs., 1 tab. (March) [larva, pupa; host plant; parasitoids; Costa Rica]
- Hall, Jason Piers Wilton, and John Bernhard Heppner**
1999. Lemoniadini, a corrected tribal name in the Riodiniinae (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 10(1): 30 ("30 November" [30 December]) [nomenclature]
- Hall, Jason Piers Wilton, and Gerardo Lamas**
2001. Five new riodinid species from northwestern dry forest and northeastern Andean cloud forest habitats in Peru (Lepidoptera: Riodinidae). *Revista peruana de Entomología* 42: 9-19, 10 figs. ([18 May]) [*Euselasia perisama*, *Napaea tumbesia*, *Lasaia maritima*, *Symmachia calderoni*, *Uraneis incubus*; Ecuador]
2004. A new cloud forest species of *Calydna* (Lepidoptera: Riodinidae) from Peru, with a revised phylogeny for the *C. hiria* group. *Proceedings of the entomological Society of Washington* 106(4): 733-738, 3 figs., 2 tabs. (24 September) [*C. pichita*]
2007. Four new *Symmachiini* taxa from the eastern Andes of Peru and Ecuador. *Zootaxa* 1533: 41-52, 11 figs. (26 July) [*Mesene leucogyne*, *M. l. notia*, *M. margareta anartia*, *Symmachia pena*]
- Hall, Jason Piers Wilton, Robert Kanner Robbins and Donald James Harvey**
2004. Extinction and biogeography in the Caribbean: new evidence from a fossil riodinid butterfly in Dominican amber. *Proceedings of the royal Society of London (B)* 271(1541): 797-801, 1 fig. (22 April; published online 16 March) [new species: *Voltinia dramba*]
- Hall, Jason Piers Wilton, and Keith Richard Willmott**
1993. Temporal and elevational additions of distribution for Costa Rican butterflies. *Tropical Lepidoptera* 4(2): 139-141, 2 figs. ("30 November", [27 December]) [general; behavior]
- 1995a. Two new species of *Mesene* from Western Ecuador (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 6(2): 110-112, 7 figs. ([5] December) [*M. babosa*, *M. citrinella*]
- 1995b. Five new species and a new genus of riodinid from the cloud forests of Eastern Ecuador (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 6(2): 131-135, 10 figs. ([5] December) [*Anteros nubosus*, *Euselasia chinguala*, *Menander aldasi*, *Symmachia fassli*, *Machaya* (new genus) *obstinata*]
- 1995c. Notes on the genus *Argyrogrammana*, with descriptions of five new species (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 6(2): 136-143, 26 figs. ([5] December) [*A. natalita*, *A. caelestina*, *A. aparamilla*, *A. celata*, *A. bonita*]
- 1996a. The genus *Theope*: Four new species and a new subspecies (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 7(1)(1): 63-67, 14 figs. (25 June) [*T. kingi*, *T. devriesi*, *T. sisemina tabacona*, *T. dabreræ*; Colombia, Costa Rica, Ecuador, Guyana, Panama, Peru]
- 1996b. Notes on the genus *Argyrogrammana*, Part 2, with one new species (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 7(1)(1): 71-80, 26 figs. (25 June) [*A. pastaza*; taxonomy; Costa Rica, South America]
- 1996c. Systematics of the riodinid tribe *Symmachiini*, with the description of a new genus and five new species from Ecuador, Venezuela and Brazil (Lepidoptera: Riodinidae). *Lambillionea* 96(4)(1): 637-660, 31 figs., 3 tabs. (December) [*Pirascia*, *P. polemistes*, *Comphotis apachita*, *Phaenochitonia gallardi*, *P. pseudodebilis*, *Symmachia hazelana*; Panama, Colombia]
- 1998a. Four new riodinid species from eastern Ecuador (Lepidoptera: Riodinidae). *Lambillionea* 98(3)(1): 325-334, 12 figs. (September) [*Argyrogrammana pacsá*, *Anteros yurakchupa*, *Napaea neildei*, *Ithomiola buckleyi*; Peru]
- 1998b. Three new species of Riodinini from the cloud forests of Ecuador (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 9(supplement 1): 22-26, 11 figs. ("30" [18] December) [*Baeotis attali*, *Lasaia cutisca*, *Chalodeta pescada*]
- 1998c. Nine new species and one new subspecies of *Euselasia* from Ecuador (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 9(supplement 1): 27-35, 19 figs. ("30" [18] December) [*E. palla*, *E. thaumata*, *E. pillaca*, *E. mapatayna*, *E. nauca*, *E. jigginsi*, *E. cyanofusa*, *E. hieronymi bianala*, *E. illarina*, *E. andreae*]
2000. Patterns of feeding behaviour in adult male riodinid butterflies and their relationship to morphology and ecology. *Biological Journal of the Linnean Society* 69(1): 1-23, 6 figs., 3 tabs. ([21] January) [general; Ecuador]
2001. Ecuador. Out on a limb. *National Geographic* 199(2): 86, 1 fig. (February) [general]
2005. A new species of *Paiwarria* (Lepidoptera: Lycaenidae: Eumaeini) from western Ecuador. *Proceedings of the entomological Society of Washington* 107(4): 960-967, 4 figs. (3 October) [*P. chuchuvia*]
2007. Four new species of *Symmachiini* from Ecuador (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 16(1/2): 1-5, 4 figs. (25 May) [*Symmachia busbyi*, *S. emeralda*, *Pirascia patriciae*, *Xenandra ahrenholzi*; Peru, French Guiana]
2009. Two new species of *Euselasia* (Riodinidae: Euselasiinae) from Eastern Ecuador. *Tropical Lepidoptera Research* 19(1): 52-55, 5 figs. (1 June) [*E. jocotoco*, *E. nytua*; Panama]
2010. Description of a new *Lucillella* species (Riodinidae: *Symmachiini*) discovered in the eastern Andes of Ecuador using the single rope canopy access technique. *Journal of the Lepidopterists' Society* 64(3): 139-146, 10 figs. (22 October) [*L. arcoirisa*]
- Hall, Jason Piers Wilton, Keith Richard Willmott and Robert C. Busby**
2005. Five new *Penaincisalia* species (Lepidoptera: Lycaenidae: Eumaeini) from the Andes of southern Ecuador and northern Peru. *Zootaxa* 797: 1-20, 5 figs. (5 January) [*P. caeruleanota*, *P. juliae*, *P. andreae*, *P. libertada*, *P. ismaeli*]
- Hall, Jocelyn C.**
2015. See Edger, P. P. et al., 2015.
- Hall, Peter W.**
2002. The giant Jamaica swallowtail (*Papilio homerus* F.) - Going, going... *Biodiversity* 3(1): 21-22, 4 figs. (February) [host plant; behavior; conservation]
2019. Mexican cycadian (*Eumaeus toxea*) U. S. specimens in the Canadian National Collection, Ottawa, Ontario. *News of the Lepidopterists' Society* 61(2): 69-70, 1 fig. (8 May) [Mexico; host plant]
- Hall, Stephen Kenneth** [1968-1999]
1996. Behaviour and natural history of *Greta oto* in captivity (Lepidoptera: Nymphalidae: Ithomiinae). *Tropical Lepidoptera* 7(2): 161-165, 19 figs. (30 December) [egg, larva, pupa, imago; host plant]

2008. See Beccaloni, G. W. et al., 2008.
- Hallberg, Eric, and Guy Poppy**
2003. Exocrine glands: Chemical communication and chemical defense, pp. 361-375, 6 figs. *In*: Kristensen, N. P. (Ed.), *Lepidoptera, moths and butterflies*. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]
- Hallinan, Thomas** [1882-1950]
1911. The morphos and caligos of the Panamanian Isthmus. *Journal of the New York entomological Society* 19(2): 128 (June) [behavior]
1912. Collecting in the tropics. *Journal of the New York entomological Society* 20(1): 74 (March) [Pieridae; Panama]
1920. General notes on the Lepidoptera of the Canal Zone, Isthmus of Panama. *Journal of the New York entomological Society* 28(3/4): 238-239 (September-December) [general]
1925. See Shoemaker, E. & T. Hallinan, 1925.
- Hallman, Guy**
- 1979a. Fuentes naturales de *Trichogramma* spp. *Entomólogo (Bogotá)* 19: 1-3 (February) [Lycaenidae, *Euptoieta hegesia* (Cramer); host plants; parasitoids; Colombia]
- 1979b. Algunas observaciones sobre *Trichogramma*. *Revista colombiana de Entomología* 5(3/4): 13-18, 2 tabs. (July-December) [*Thecla* sp., *Euptoieta hegesia* (Cramer); parasitoids; Colombia]
- 1979c. Importancia de algunas relaciones naturales plantas-artrópodos en la agricultura de la zona cálida del Tolima central. *Revista colombiana de Entomología* 5(3/4): 19-26, 4 figs., 2 tabs. (July-December) [general; host plants; parasitoids; Colombia]
1984. Artrópodos asociados con la soya en el Tolima. *Revista colombiana de Entomología* 9(1/4): 55-59, 2 figs., 1 tab. [*Urbanus proteus* (Linnaeus); Colombia]
1985. See Rodríguez, C. E. et al., 1985.
- Halloran, Afton**
2013. See Huis, A. van et al., 2013.
- Hallwachs, Winifred D.**
1983. *Bromelia pinguin* and *B. karatas* (*Chiras*, *Piñuelas*), pp. 195-197, 1 fig. *In*: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press [*Dynastor darius* (Fabricius), *Eurema daira* (Godart), *Phoebis*; Costa Rica]
2004. See Hebert, P. D. N. et al., 2004.
- 2005a. See Janzen, D. H. et al., 2005.
- 2005b. See Stireman, J. O., III et al., 2005.
- 2006a. See Hajibabaei, M. et al., 2006.
- 2006b. See Miller, J. C. et al., 2006.
- 2007a. See Miller, J. C. et al., 2007.
- 2007b. See Smith, M. A. et al., 2007.
- 2007c. See Burns, J. M. et al., 2007.
- 2008a. See Burns, J. M. et al., 2008.
- 2008b. See Smith, M. A. et al., 2008.
- 2009a. See Janzen, D. H. et al., 2009.
- 2009b. See Burns, J. M. et al., 2009.
- 2009c. See Grinter, C. C. et al., 2009.
- 2009d. See Regier, J. C. et al., 2009.
- 2010a. See Burns, J. M. et al., 2010a.
- 2010b. See Janzen, D. H. et al., 2010.
- 2010c. See Burns, J. M. et al., 2010b.
- 2011a. See Shokralla, S. et al., 2011.
- 2011b. See Janzen, D. H. & W. D. Hallwachs, 2011.
- 2011c. See Janzen, D. H. et al., 2011.
- 2012a. See Smith, M. A. et al., 2012.
- 2012b. See Bristow, C. R. et al., 2012.
- 2012c. See Chacón, I. A. et al., 2012.
- 2013a. See Burns, J. M. et al., 2013.
- 2013b. See Grishin, N. V. et al., 2013a.
- 2013c. See Grishin, N. V. et al., 2013b.
- 2014a. See Fernández-Triana, J. L. et al., 2014.
- 2014b. See Bertrand, C. et al., 2014.
- 2014c. See Fleming, A. J. et al., 2014.
- 2014d. See Grishin, N. V. et al., 2014a.
- 2014e. See Grishin, N. V. et al., 2014b.
- 2015a. See Grishin, N. V. et al., 2015.
- 2015b. See Nakahara, S. et al., 2015b.
- 2015c. See Sharkey, M. J. et al., 2015.
2016. See Janzen, D. H. & W. D. Hallwachs, 2016.
- 2017a. See Bächtold, A. et al., 2017.
- 2017b. See Ge, D. et al., 2017.
- 2017c. See Janzen, D. H. et al., 2017.
2018. See Fleming, A. J. et al., 2018.
- 2019a. See Dias, F. M. S. et al., 2019a.
- 2019b. See Li, W. et al., 2019.
- 2019c. See Fleming, A. J. et al., 2019.
- 2019d. See Burns, J. M. et al., 2019.
- Halpern, Sue**
1998. A fragile kingdom. *Audubon* 100(2): 36-44, 99-101, figs. (March-April) [*Danaus plexippus* (Linnaeus); migration; conservation; Mexico]
2001. *Four wings and a prayer. Caught in the mystery of the Monarch Butterfly*. New York, Pantheon Books. [viii] + 213 pp., figs. [*Danaus plexippus* (Linnaeus); ecology; Mexico]
- Halpin, Christina**
2013. See Rowe, C. & C. Halpin, 2013.
- Halsey, Michaela K.**
2019. See Ray, D. A. et al., 2019.
- Haltman, Kenneth**
2015. See Peale, T. R. et al., 2015.
- Hamel, Dennis R.** [ -1991]
1991. *Atlas of insects on stamps of the world*. Falls Church, Tico Press. xvii + 738 pp., figs. [general]
- Hamilton, Chris A.**
2018. See Kawahara, A. Y. et al., 2018a.
- Hamilton, Keith**
2019. See Cariveau, A. B. et al., 2019.
- Hamm, Christopher A.**
2012. What pollinates *Lantana camara* in the mountains of Costa Rica? *Journal of tropical Ecology* 28(3): 313-315 (May; published online 12 April) [general]
- Hamm, Christopher A., and James A. Fordyce**
2015. Patterns of host plant utilization and diversification in the brush-footed butterflies. *Evolution* 69(3): 589-600, 2 figs., 4 tabs. (March; published online 24 January) [general; Nymphalidae]
2016. *Selaginella* and the satyr: *Euptychia westwoodi* (Lepidoptera: Nymphalidae) oviposition preference and larval performance. *Journal of Insect Science* 16(1)(39): 1-4, 3 figs. (published online 28 April) [host plants; Costa Rica]
- Hammer, Tobin J.**
2019. See Ravenscraft, A. et al., 2019.
- Hammer, Tobin J., William Owen McMillan and Noah Fierer**
2014. Metamorphosis of a butterfly-associated bacterial community. *PLoS ONE* 9(1)(e86995): 1-8, 2 figs., 1 tab. (23 January) [*Heliconius erato* (Linnaeus); host plant; Panama]
- Hammond, Cyril Oswald**
1973. [A note]. *Proceedings and Transactions of the british entomological and natural History Society* 5(4): 135 (February) [*Prepona praeneste praeneste* Hewitson; Peru]
- Hammond, Paul C.**
1986. A rebuttal to the Arnold classification of *Speyeria callippe*

- (Nymphalidae) and defense of the subspecies concept. *Journal of Research on the Lepidoptera* 24(3): 197-208, 1 tab. (1 April) [Mexico]
1991. Patterns of geographic variation and evolution in polytypic butterflies. *Journal of Research on the Lepidoptera* 29(1/2): 54-76, 5 figs., 1 tab. (31 December) [general]
1995. See New, T. R. et al., 1995.
- Hammond, Paul C., and David V. McCorkle**
1996. Swallowtail Butterflies - Their ecology and evolutionary biology. J. M. Scriber, Y. Tsukaki, and R. C. Lederhouse [eds.]. 1995. *Annals of the entomological Society of America* 89(1): 154-155 (January) [book review]
2017. *Taxonomy, ecology, and evolutionary theory of the genus Colias (Lepidoptera: Pieridae: Coliadinae)*. Corvallis, The Franklin Press. 265 pp., 12 pls., 6 figs., 13 tabs. (February) [general]
- Hammond, Paul C., and George Orlo Poinar, Jr.**
1998. A larval brush-footed butterfly (Lepidoptera: Nymphalidae) in Dominican amber, with a summary of fossil Nymphalidae. *Entomologica scandinavica* 29(3): 275-279, 3 figs., 1 tab. (November)
- Hammond, Peter M.**
2003. See Basset, Y. et al., 2003.
- Hampson, George Francis [1860-1936]**
1892. On stridulation in certain Lepidoptera, and on the distortion of the hind wings in the males of certain Ommatophorinae. *Proceedings of the zoological Society of London* 1892(2): 188-193, 6 figs. (1 August) [*Ageronia* spp., *Eunica margarita* (Godart)]
1893. The click of *Ageronia*. *Psyche* (Cambridge) 6(207): 491, 1 fig. (1 July) [*A. arethusa* (Cramer); morphology]
1904. See Heron, F. A. & G. F. Hampson, 1904.
1906. *Tabulation of the orders and families of Insecta with dates of arrangement of British Museum collection*, pp. 603-653. In: *The history of the collections contained in the Natural History Departments of the British Museum*. London, Trustees of the British Museum. 2. [general]
1918. Some small families of the Lepidoptera which are not included in the key to the families in the catalogue of Lepidoptera Phalaenae, a list of the families and subfamilies of the Lepidoptera, with their types and a key to the families. *Novitates zoologicae* 25(2): 366-394 (20 November) [general]
- Han, Shi-Chou**
2002. See Li, L.-Y. et al., 2002.
2003. See Li, Z.-G. et al., 2003.
- 2004a. See Li, Z.-G. et al., 2004a.
- 2004b. See Li, Z.-G. et al., 2004b.
- 2004c. See Liu, X.-L. et al., 2004.
- 2005a. See Li, Z.-G. et al., 2005a.
- 2005b. See Li, Z.-G. et al., 2005b.
- 2006a. See Zhang, L.-L. et al., 2006a.
- 2006b. See Zhang, L.-L. et al., 2006b.
- 2006c. See Zhang, L.-L. et al., 2006c.
- 2006d. See Liu, X. et al., 2006.
- 2007a. See Liu, X.-L. et al., 2007a.
- 2007b. See Liu, X.-L. et al., 2007b.
- 2007c. See Liu, X.-L. et al., 2007c.
- Han, Yi**
2012. See Dasmahapatra, K. K. et al., 2012.
- Han, Yuke, Zhenfu Huang, Jing Tang, Hideyuki Chiba and Xiaoling Fan**
2018. The complete mitochondrial genomes of two skipper genera (Lepidoptera: Hesperidae) and their associated phylogenetic analysis. *Scientific Reports* 8(15762): 1-10, 4 figs., 3 tabs. (25 October) [general]
- Han, Zhiwu**
2015. See Niu, S. et al., 2015.
2016. See Niu, S. et al., 2015.
- Hanafusa, Hiroto**
2005. Some notes on butterflies from Sumatra and Siberut, Indonesia, with description of a new subspecies (Lepidoptera: Acraeidae, Nymphalidae, Hesperidae). *Futao* 50: 7-9, pls. 1-3 (7 October) [*Actinote pellenea* Hübner]
- Hanazaki, Natalia**
- 2010a. See Ulysséa, M. A. et al., 2010a.
- 2010b. See Ulysséa, M. A. et al., 2010b.
- Hancock, David Lawrence [1950- ]**
1979. The systematic position of *Papilio anactus* Macleay (Lepidoptera: Papilionidae). *Australian entomological Magazine* 6(3): 49-53, 4 figs., 1 tab. (September) [*Pterourus*, *Heraclides*; Neotropics]
1980. The status of the genera *Atrophaneura* Reakirt and *Pachliopta* Reakirt (Lepidoptera: Papilionidae). *Australian entomological Magazine* 7(2): 27-32, 13 figs. (September) [*Euryades*, *Parides*; South America]
1983. Classification of the Papilionidae (Lepidoptera): a phylogenetic approach. *Smithersia* 2: 1-48, 40 figs., 3 tabs. (10 March) [general]
1996. Swallowtail butterflies of the Americas: A study in biological dynamics, ecological diversity, biosystematics, and conservation by Hamilton Tyler, Keith S. Brown Jr and Kent Wilson. 1994. *Australian Entomologist* 23(4): 132 (20 December) [general; book review]
2007. Phylogeny of the troidine butterflies (Lepidoptera: Papilionidae) revisited: Are the red-bodied swallowtails monophyletic? *Australian Entomologist* 34(2): 33-42, 1 fig. (25 May) [general]
2009. Relationships of the swallowtail "genera" *Agehana* Matsumura, *Chilasa* Moore and *Eleppone* Hancock (Lepidoptera: Papilionidae). *Australian Entomologist* 36(1): 7-12 (7 March) [*Pterourus* Scopoli, *Heraclides* Hübner; systematics; biogeography; Neotropics]
- Hancock, Edward Geoffrey [1948- ]**
1991. See Dance, S. P. & E. G. Hancock, 1991.
1995. Handkerchiefs in Trinidad and Tobago (Lepidoptera: Nymphalidae). *Bulletin of the amateur Entomologists' Society* 54(399): 36-37 (10 April) [*Phyciodes leucodesma* (C. Felder & R. Felder), *Dynamine arene* (Hübner)]
2007. See Brown, G. & E. G. Hancock, 2007.
- [2016]. See Baker, R. A. & E. G. Hancock, [2016].
- Hancock, George Leonard Rhys [ -1940]**
1926. A winter entomological visit to central Brazil. *Entomologist* 59(754): 49-52 (March), (756): 131-137 (May), (757): 168-170 (June), (758): 188-194 (July) [general]
- Handlirsch, Anton [1865-1935]**
1924. *Ordnung: Lepidoptera (Schmetterlinge)*, pp. 852-941, figs. 747-841. In: Schröder, C. W. M., *Handbuch der Entomologie*. Jena, Gustav Fischer. 3. ([25 September]) [general; anatomy; morphology; Neotropics]
- Handschin, Eduard [1894-1962]**
1949. See Linsenmaier, W. & E. Handschin, 1949.
- Handschuh, Stephan**
2013. See Bauder, J. A.-S. et al., 2013.
- Hanks, Alan J., and Donald P. Wright, Jr.**
1979. *Identifiable insect stamps of the world*, pp. 5-44, figs. In: Stanley, W. F. (Ed.), *Insects and other invertebrates of the world on stamps*. Milwaukee, American Topical Association. 140 pp., figs. (Handbook # 98) [general]
- Hanley, Daniel, Nathan G. Miller, D. T. Tyler Flockhart and D. Ryan Morris**



2013. Forewing pigmentation predicts migration distance in wild-caught migratory monarch butterflies. *Behavioral Ecology* 24(5): 1108-1113, 3 figs. (September; published online 8 May) [*Danaus plexippus* (Linnaeus); Mexico]
- Hanly, Joseph J.**  
 2015. See Merrill, R. M. et al., 2015.  
 2016a. See Wallbank, R. W. R. et al., 2016.  
 2016b. See Nadeau, N. J. et al., 2016.  
 2017a. See Van Belleghem, S. M. et al., 2017.  
 2017b. See Jiggins, C. D. et al., 2017.  
 2019a. See Pinharanda, A. L. et al., 2019.  
 2019b. See Concha, C. et al., 2019.
- Hanly, Joseph J., Richard W. R. Wallbank, William Owen McMillan and Christopher David Jiggins**  
 2019. Conservation and flexibility in the gene regulatory landscape of heliconiine butterfly wings. *EvoDevo* 10(15): 1-14, 5 figs., 1 tab. (16 July) [*Heliconius melpomene rosina* Boisduval, *H. erato demophoon* Ménétries, *Agraulis vanillae* (Linnaeus); host plants; Panama]
- Hannah-Alava, Aloha** [1913-2000]  
 1960. Genetic mosaics. *Scientific American* 202(5): 118-130, figs. (May) [*Chlorippe seraphina* (Hübner); gynandromorphs]
- Hannemann, Hans-Joachim** [1925-2010]  
 1956. Über ptero-tarsal Stridulation und einige andere Arten der Lauterzeugung bei Lepidopteren. *Deutsche entomologische Zeitschrift* (N.F.) 3(1): 14-27, 16 figs. (15 April) [*Hamadryas* spp.]  
 1970. Schmetterlinge. *Wissenschaftliche Zeitschrift der Humboldt-Universität zu Berlin* 19(2/3): 164-165, 320, 6 figs. [general; on Berlin Museum collections]
- Hanscom, Thomas**  
 2003. See Toone, W. D. & T. Hanscom, 2003.
- Hanscom, Thomas, and William D. Toone**  
 1995. Economic independence and conservation in the tropics. *Wings* 18(1): 3-5, 2 figs. [general]
- Hansen, A. Katie**  
 2003. See MacDougal, J. M. & A. K. Hansen, 2003.
- Hansen, Ekkehard**  
 2010. See Jardim, B. de C. et al., 2010.
- Hansen, Lars Ove**  
 1989. Monarksommerfuglens fantastiske trekk. *Insekt-Nytt* 14(4): 9-18, 18 figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Hansen, Matthew E. B.**  
 2013. See Kronforst, M. R. et al., 2013.
- Hanski, Ilkka**  
 2004a. See Murphy, D. D. et al., 2004.  
 2004b. See Wahlberg, N. et al., 2004.  
 2004c. See Ehrlich, P. R. et al., 2004.
- Hanski, Ilkka, and Paul Ralph Ehrlich**  
 2004. *A look to the future*, pp. 301-305, 2 figs. In: Ehrlich, P. R. & I. Hanski (Eds.), *On the wings of checkerspots. A model system for population biology*. Oxford, Oxford University Press. ([25 March]) [general]
- Hanson, David J.**  
 2002. See Carter, G. et al., 2002.  
 2003. See Warren, A. D. et al., 2003.  
 2004. See Warren, A. D. et al., 2004.
- Hanson, David J., Edward C. Knudson and Charles William Bordelon, Jr.**  
 2003. *Phocides belus* Godman & Salvin (Hesperiidae), new to US and Texas with a review of *Phocides* & similar species of the USA and northern Mexico. *News of the Lepidopterists' Society* 45(2): 41-43, 8 figs. (15 July) [general]
- Hanson, Paul E.**  
 2000. *Lepidoptera: Moths and butterflies. Introduction*, p. 118. In: Nadkarni, N. M. & N. T. Wheelwright (Eds.), *Monteverde. Ecology and conservation of a tropical cloud forest*. New York, Oxford University Press. [general; Costa Rica]  
 2011. *Insect diversity in seasonally dry tropical forests*, pp. 71-84, 5 tabs. In: Dirzo, R., H. S. Young, H. A. Moon & G. Ceballos (Eds.), *Seasonally dry tropical forests. Ecology and conservation*. Washington, D.C., Island Press ([18 February]) [general; host plants; Costa Rica]
- Hanson, Paul E., Kenji Nishida, Pablo Esteban Allen, Eduardo Chacón, Beth Reichert, Alexander Castillo, Manuel A. Alfaro, Luis Madrigal, Edgar Rojas, Francisco Badenes and M. Tracy Johnson**  
 2010. *Insects that feed on Miconia calvescens in Costa Rica*, pp.1-12, 1 tab. In: Loope, L. L., J.-Y. Meyer, B. D. Hardesty & C. W. Smith (Eds.), *Proceedings of the International Miconia Conference*. Manoa, University of Hawaii. [general; host plant]
- Hanson, Terence C.**  
 1974. Notes on Brazilian Lepidoptera. *Bulletin of the amateur Entomologists' Society* 33(303): 82-84 (May) [*Papilio* spp.; host plants; larvae, imagines; behavior; ecology]  
 1975a. Two Brazilian nymphalids. *Bulletin of the amateur Entomologists' Society* 34(306): 42-43 (February) [*Historis odius orion* (Fabricius), *Hypanartia lethe* (Fabricius); behavior; ecology]  
 1975b. Notes on Brazilian butterflies. *Bulletin of the amateur Entomologists' Society* 34(307): 80-83 (May) [general; host plants; larvae, pupae, imagines; behavior; ecology]  
 1975c. Some Brazilian nymphalids. *Bulletin of the amateur Entomologists' Society* 34(308): 116-120, figs. C-E (August) [general; behavior; ecology]  
 1976. Some notes on Brazilian Lepidoptera. *Bulletin of the amateur Entomologists' Society* 35(311): 70-73 (May) [general; behavior; ecology]  
 1977. Notes on Brazilian Lepidoptera. *Bulletin of the amateur Entomologists' Society* 36(314): 37-42 (February) [*Goneperyx chlorinde* (Godart), *Phoebis philea* (Linnaeus); host plants; larvae, pupae, imagines; behavior; ecology]
- Hansson, Bengt**  
 2016. See Sánchez-Guillén, R. A. et al., 2016.
- Hansson, Bill S.**  
 2011. See Stensmyr, M. C. & B. S. Hansson, 2011.
- Hansson, Christer**  
 2013. See Tavares, W. de S. et al., 2013a.
- Hao, Jia-Sheng**  
 2007a. See Chen, N. et al., 2007.  
 2007b. See Su, C.-Y. et al., 2007.  
 2015. See Shi, Q.-H. et al., 2015.  
 2017. See Su, C.-Y. et al., 2017.  
 2018. See Shi, Q.-H. et al., 2018.  
 2019a. See Xu, C. et al., 2019.  
 2019b. See Pan, Z.-Q. et al., 2019.
- Happe, Andreas Friedrich** [1733-1802]  
 \*1783-85. *Abbildungen der Schmetterlinge aus den 3 Welttheilen Asia, Africa und America aus der holländischen Ausgabe des Herrn Cramer ins Deutsche übersetzt nach der Eintheilung des Ritters Linné zusammen getragen vermehrt und herausgegeben*. Berlin, Author. 1: [1-2], 3-4 pp., 8 pls. (30 April 1783); 2: [1-2], 3-6 pp., 8 pls. (August 1783); 3: [2] pp., 8 pls. (1784-1785) [German ed. of Cramer, 1775-1782, q.v.; incomplete]
- Hara, Hiroshi**

1999. [In quest of the legend butterfly. *Colias imperialis*. *Colias ponteni*] [In Japanese]. Kanagawa, Author. 96 pp., figs. [Chile, Argentina]
- [2000]. Una mariposa de leyenda. *Colias imperialis* - *Colias ponteni*. *Mariposas del Mundo* 5: 11-12, 2 figs., 4 tabs. [Chile]
- 2003a. The correct original spelling and date of *Colias vauthierii* by authorship (Lepidoptera: Pieridae). *Wallace* 8: 59-66, pl. 7, 6 figs. (28 February) [Chile, Argentina]
- 2003b. The specimens of legendary butterfly *Colias ponteni* and its (?) pupa discovered in Sweden (Lepidoptera: Pieridae). *Wallace* 8: 67-76, 11 figs., 1 tab. (28 February) [Chile, Argentina]
- Hara, Masayuki**
1978. [A butterfly collecting tour to Peru]. [In Japanese]. *Chō Chō* 1(9): 12-37, figs. (September) [general]
- Harada, Ana Yoshi**
- [1984]. See Rafael, J. A. et al., 1984.
- Harada, Motohiro, Motomu Teshirogi, Hideyuki Ozawa and Masaya Yago**
2012. Catalogue of the Suguru Igarashi insect collection. The University Museum. The University of Tokyo. Part I. Lepidoptera, Papilionidae. *Material Reports. The University Museum. The University of Tokio* 94: [ii] + 1-390, figs. [*Baronia brevicornis* Salvin; Mexico]
- Harbison, Charles Francis** [1904-1989]
1957. A new species of *Megathymus* from Baja California, Mexico (Lepidoptera: Megathymidae). *Transactions of the San Diego Society of Natural History* 12(12): 231-262, pls. 18-21 (15 March) [*M. comstocki*; host plant; morphology]
1963. A second new species of megathymid from Baja California, Mexico (Lepidoptera: Megathymidae). *Transactions of the San Diego Society of Natural History* 13(4): 61-71, 4 figs., 1 tab. (30 June) [*Agathymus dawsoni*; host plant; morphology]
- Harcourt, Caroline S., and Jeffrey A. Sayer**
1996. *The conservation atlas of tropical forests. The Americas*. New York, Simon & Schuster. i-viii, 9-335, figs., tabs., maps [general; Neotropics]
- Harcourt, Douglas George** [1926- ]
- [1978]a. See Aragón, J. & D. G. Harcourt, [1978]a.
- [1978]b. See Aragón, J. & D. G. Harcourt, [1978]b.
- Harcourt, Douglas George, Rodolfo Oscar Curvetto and Julio César Ves**
- 1980b. Estimación de la población durante la etapa pupal de "Colias lesbia" (Fab.) (Lepidoptera: Pieridae) en la alfalfa. *Revista de Investigaciones agropecuarias. INTA* (Buenos Aires) (5)15(4): 593-599, 2 figs., 1 tab. [host plant; Argentina]
- Harcourt, Douglas George, Rubén A. Parisi and Jorge Raúl Aragón**
- 1980a. Plan de decisión secuencial para el manejo de "Colias lesbia" (Fab.) en alfalfa. *Revista de Investigaciones agropecuarias. INTA* (Buenos Aires) (5)15(4): 539-548, 4 figs., 1 tab. [host plant; Argentina]
- Hardcastle, Thomas J.**
2012. See Walters, J. R. et al., 2012.
2015. See Walters, J. R. et al., 2015.
- Hardmann, Samuel**
1935. Como combater as "lagartas dos coqueiros". *Chácaras e Quintais* (São Paulo) 52(1): 57, 1 fig. (15 July) [*Brassolis astyra* Godart, *B. sophorae* (Linnaeus); Brazil]
- Hardwick, David Francis** [1924-2001]
1964. See Beier, M. W. P. et al., 1964.
- Hardy, Dan H.**
2004. Palamedes swallowtails in the Texas Hill Country. *News of the Lepidopterists' Society* 46(1): 5-7, 4 figs. (1 April) [*Papilio palamedes leontis* Rothschild & Jordan]; Mexico]
- Hardy, Dan H., Jeffrey Glassberg and Linda F. Cooper**
2009. Foodplants, caterpillars and ranges: A potpourri of Mexican butterfly information. *American Butterflies* 17(3): 24-31, figs. [general]
- Hardy, Dan H., Michael A. Rickard, Andrew David Warren and Nick V. Grishin**
2010. *Achalarus tehuacana* (Hesperiidae: Eudaminae): a new United States record from southern Texas. *News of the Lepidopterists' Society* 52(4): 107-111, 127, 18 figs. (8 December) [Mexico]
- Hardy, Robert William Hale** [?1794-1871]
1829. *Travels in the interior of Mexico, in 1825, 1826, 1827, & 1828*. London, Henry Colburn and Richard Bentley. xiv + 540 pp., 7 pls., 3 figs., 1 map [remarks on nests of *Eucheira socialis* Westwood]
- Harland, Sydney Cross** [1891-1982]
- 1915a. Notes on *Trichogramma minutum* (*pretiosa*). *West Indian Bulletin* 15(3): 168-175 (28 April) [*Eudamus proteus* (Linnaeus), *Calpodes ethlius* (Cramer); parasitoids; St. Vincent]
- 1915b. Insect pests of Lima beans in St. Vincent. *Agricultural News* (Barbados) 14(352): 346-347 (23 October), (353): 363 (6 November) [*Eudamus proteus* (Linnaeus); host plants; parasitoids]
1917. Special entomological investigations. *Report on the agricultural Department* (St. Vincent) 1916/17: 10-11 [*Calpodes ethlius* (Cramer), *Eudamus proteus* (Linnaeus); parasitoids; St. Vincent]
- Harley, Ken Leigh Scott**
1974. Biological control of *Lantana* in Australia. *Miscellaneous Publication. Commonwealth Institute of biological Control* 8: 23-29, 2 tabs. (June) [*Thecla agra* Hewitson]
- Harley, Ken Leigh Scott, John Gillett, John A. Winder, Wendy Forno, Ricardo Segura, Hugo Miranda and Richard Kassulke**
1995. Natural enemies of *Mimosa pigra* and *M. berlandieri* (Mimosaceae) and prospects for biological control of *M. pigra*. *Environmental Entomology* 24(6): 1664-1678, 1 fig., 2 tabs. (December) [*Cogia calchas* (Herrich-Schäffer), *Hemiargus ceraunus* (Fabricius), *Ministrymon azia* (Hewitson), *M. una* (Hewitson); host plants; Mexico, Venezuela]
- Harold, Edgar von** [1830-1886]
1879. Nomenklatorisches. *Stettiner entomologische Zeitung* 40(4/6): 237-246 (mid April) [*Pieris vanvolxemii* Capronnier; Argentina]
- Harpel, Desiree, Darron A. Cullen, Swidbert R. Ott, Christopher David Jiggins and James R. Walters**
2015. Pollen feeding proteomics: Salivary proteins of the passion flower butterfly, *Heliconius melpomene*. *Insect Biochemistry and molecular Biology* 63: 7-13, 2 figs., 1 tab. (August; published online 8 May)
- Harper, Lee H.**
1986. See Lovejoy, T. E. et al., 1986.
- Harper, Tisha**
2001. See Lans, C. et al., 2001.
- Harris, A. C.**
1982. Notes on introduced Lepidoptera associated with bananas in New Zealand. *New Zealand Entomologist* 7(3): 329-332, 2 figs. (January) [*Opsiphanes tamarindi* C. Felder & R. Felder, *O. cassina* C. Felder & R. Felder]
- Harris, William Victor**
1927. On a lycaenid butterfly attacking pineapples in Trinidad. *Bulletin of entomological Research* 18(2): 183-188, pls. 7-

- 8 ([7] December) [*Tmolus echion* (Linnaeus)]
- Harrison, James Ostelle** [1920- ]
- 1963a. On the biology of three banana insect pests in Costa Rica (Lepidoptera: Limacodidae, Nymphalidae). *Annals of the entomological Society of America* 56(1): 87-94, 3 pls., 1 tab. (15 January) [*Caligo memnon* (Felder & Felder), *Opsiphanes tamarindi* Felder & Felder; eggs, larvae, pupae, imagines; host plants; behavior; parasitoids]
- 1963b. The natural enemies of some banana insect pests in Costa Rica. *Journal of Economic Entomology* 56(3): 282-285, 4 tabs. (15 June) [*Caligo memnon* (Felder & Felder), *Opsiphanes tamarindi* Felder & Felder; parasitoids]
1964. Factors affecting the abundance of Lepidoptera in banana plantations. *Ecology* 45(3): 508-519 (July) [*Caligo memnon* (Felder & Felder), *Opsiphanes tamarindi* Felder & Felder; behavior; parasitoids, predators, diseases; Costa Rica]
- Harrison, Richard Gerald**
1994. See Sperling, F. A. H. & R. G. Harrison, 1994.
2008. See Walters, J. R. & R. G. Harrison, 2008.
2010. See Walters, J. R. & R. G. Harrison, 2010.
2011. See Walters, J. R. & R. G. Harrison, 2011.
- Harrison, Susan**
1987. See Bowers, M. D. et al., 1987.
- Hart, John Hinchley** [1847-1911]
1908. Destruction of palm leaves by caterpillars. *Bulletin of miscellaneous information. Botanical Department of Trinidad* 58: 47, 2 pls. (April) [*Opsiphanes invirae* (Hübner); host plants; larva, pupa, imago; behavior; Trinidad]
- Hart, Robert**
1948. Butterfly collecting in the Blue Mountains. *Natural History Notes of the natural History Society of Jamaica* 3(35/36): 194-195 (December) [general; Jamaica]
- Harter-Marques, Birgit**
2008. See Pinheiro, M. et al., 2008.
- Hartert, Ernst Johann Otto** [1859-1933]
1902. Aus den Wanderjahren eines Naturforschers. Reise nach den Inseln des caribischen Meeres. *Novitates zoologicae* 9(2): 273-309, figs. (25 July) [*Catopsilia*, Lycaenidae; St. Thomas, Curaçao]
- Hartfelder, Klaus Hartmann and Douglas J. Emlen**
2011. *Endocrine control of insect polyphenism*, pp. 464-522, 12 figs. In: Gilbert, L. I. (Ed.), *Insect Endocrinology*. (21 September; published online 5 August). London, Academic Press. [general]
- Harth, Luciano** [1897- ]
1946. Cultivo de la col (repollo). *Informaciones del Servicio cooperativo interamericano de Producción de Alimentos* (Lima) 8: 47-48, figs. [also in *Ibidem* 16: 19-20; February 1949] [*Pieris monuste* (Linnaeus); Peru]
1955. La col repollo y su cultivo. *Chacra* (Lima) 37: 43-44 (August-September) [*Pieris monuste* (Linnaeus); Peru]
- Hartmann, Matthias**
1990. Die Arthropoden-Sammlung C. A. Schmöger am Naturkundemuseum Erfurt. *Veröffentlichungen des Naturkundemuseums Erfurt (Naturwissenschaftliche Reihe)* 9: 58-64, 5 figs. (June) [general; Brazil]
- Hartmann, Thomas**
1991. See Trigo, J. R. et al., 1991.
- 1996a. See Trigo, J. R. et al., 1996.
- 1996b. See Freitas, A. V. L. et al., 1996.
1999. Chemical ecology of pyrrolizidine alkaloids. *Planta* 207: 483-495, 12 figs., 1 tab. [Ithomiinae]
2000. See Brückmann, M. et al., 2000.
2007. See Brehm, G. et al., 2007.
- Hartmann, Thomas, and Dietrich Ober**
2000. Biosynthesis and metabolism of pyrrolizidine alkaloids in plants and insect herbivores. *Topics in Current Chemistry* 209: 207-244, 19 figs., 1 tab. [Danainae, Ithomiinae]
- Hartmann, Thomas, and Ludger Witte**
1995. *Chemistry, biology and chemoeology of the pyrrolizidine alkaloids*, pp. 155-233, 10 figs., 2 tabs. In: Pelletier, S. W. (Ed.), *Alkaloids: Chemical and Biological Perspectives*. Oxford, Pergamon. 9. [Danainae, Ithomiinae]
- Hartz, Sandra Maria**
2009. See Romanowski, H. P. et al., 2009.
- Haruyama, Yuichi**
2005. See Watanabe, K. et al., 2005.
- Harvey, Celia A.**
2003. See Hernández, B. et al., 2003.
- Harvey, Donald James** [1951- ]
1983. Actinote leucomelas (*Mariposa*, *Actinote*), pp. 679-680, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press [host plant; ecology; Costa Rica]
1986. See DeVries, P. J. et al., 1986.
- 1987a. See Horvitz, C. C. et al., 1987.
- 1987b. *Riodinidae (Papilionoidea)*, pp. 446-447, figs. 26.258-26.161. In: Stehr, F. W. (Ed.), *Immature insects*. Dubuque, Marshall/Hunt Publishing Company [general; host plants; larvae; Mexico, Central and South America]
- [1989]a. See Gilbert, L. E. et al., [1989].
- 1989b. Perforated cupola organs on larvae of Euselasiinae (Riodinidae). *Journal of the Lepidopterists' Society* 43(3): 247-249, 5 figs. (7 September) [*Euselasia mystia* (Schaus), *E. aurantiaca* (Godman & Salvin), *Hades noctula* Westwood]
- 1989c. Catalogue of Lycaenidae & Riodinidae (Lepidoptera: Rhopalocera), by Charles A. Bridges. 1988. *Journal of the Lepidopterists' Society* 43(3): 250-251 (7 September) [book review]
- 1991a. See Lamas, G. et al., 1991.
- 1991b. *Appendix B. Higher classification of the Nymphalidae*, pp. 255-273, 2 tabs. In: Nijhout, H. F., *The development and evolution of butterfly wing patterns*. Washington, D.C., Smithsonian Institution Press. [general]
1992. See Miller, L. D. et al., 1992.
1996. See Robbins, R. K. et al., 1996.
- [1997]. See Lamas, G. et al., 1997.
1998. See Hall, J. P. W. & D. J. Harvey, 1998.
- 2001a. See Hall, J. P. W. & D. J. Harvey, 2001a.
- 2001b. See Hall, J. P. W. & D. J. Harvey, 2001b.
- 2001c. See Hall, J. P. W. & D. J. Harvey, 2001c.
- 2002a. See Hall, J. P. W. & D. J. Harvey, 2002a.
- 2002b. See Hall, J. P. W. & D. J. Harvey, 2002b.
- 2002c. See Hall, J. P. W. & D. J. Harvey, 2002c.
- 2002d. See Hall, J. P. W. & D. J. Harvey, 2002d.
- 2002e. See Hall, J. P. W. & D. J. Harvey, 2002e.
- 2004a. See Hall, J. P. W., R. K. Robbins et al., 2004.
- 2004b. See Hall, J. P. W., D. J. Harvey et al., 2004.
- 2004c. See Hall, J. P. W. & D. J. Harvey, 2004.
2009. See Janzen, D. H. et al., 2009.
2012. See Miller, J. Y. et al., 2012.
- 2014a. See Neild, A. F. E. et al., 2014.
- 2014b. See Nakahara, S. et al., 2014.
2015. See Fratello, S. A. et al., 2015.
2019. See Anderson, R. A. et al., 2019.
- Harvey, Donald James, and Harry Kendon Clench**
1980. *Dianesia*, a new genus of Riodinidae from the West Indies. *Journal of the Lepidopterists' Society* 34(2): 127-132, 16 figs. (23 September) [*D. carteri* (Holland); Bahamas, Cuba]

- Harvey, Donald James, and Jason Piers Wilton Hall**  
2002. Phylogenetic revision of the *Charis cleonus* complex (Lepidoptera: Riodinidae). *Systematic Entomology* 27(3): 265-300, 18 figs., 1 tab. (July; published online 27 June) [new species: *C. ariquemus*, *C. brasilia*, *C. breves*, *C. cacaullandia*, *C. cuiaba*, *C. humaita*, *C. ipiranga*, *C. iquitos*, *C. ma*, *C. manicore*, *C. manu*, *C. matic*, *C. maués*, *C. negro*, *C. palcazu*, *C. rocana*, *C. santarem*, *C. tapajos*, *C. tefe*; biogeography; South America]
- Harvey, Donald James, and John W. Peacock**  
1989. New records of butterflies from North Andros, Bahamas. *Entomological News* 100(2): 86-88 (March-April) [general]
- Harvey, Julie M. V.**  
1990. See Ellwood, C. V. & J. M. V. Harvey, 1990.
- Harvey, Julie M. V., Pamela Gilbert and Kathy Martin**  
1996. *A catalogue of manuscripts in the Entomology Library of The Natural History Museum, London*. London, Mansell Publishing Limited. xvi + 251 pp., 4 pls., [general; Neotropics]
- Hasebe, Mitusyasu**  
2010. See Ohshima, I. et al., 2010.
- Hasegawa, Hitoshi**  
1987. See Okumoto, D. et al., 1987.
- Hasegawa, Michiaki**  
2003. See Ae, S. A. & M. Hasegawa, 2003.
- Hasegawa, Toshinori**  
1996a. See Kumazawa, K. et al., 1996.  
1996b. See Tabata, H. et al., 1996.
- Haskin, J. R., and Fordyce Grinnell, Jr.**  
1911. *Thecla clytie, leda and ines* (Lepid.). *Entomological News* 22(7): 293-299 (30 June) [Mexico]  
1912. *Thecla clytie, leda and ines* (Lepid.). *Entomological News* 23(8): 344-346 (30 September) [Mexico]
- Hassler, Hermann R.**  
1967. Das Zeichnungsschema der Nymphalidae (nach Süffert und Schwanwitsch) und die Anwendung desselben auf *Vanessa atalanta* L. (Lep., Nymphalidae). *Entomologische Zeitschrift* 77(20): 233-240, 1 fig. (16 October), (21): 241-252, 15 figs. (1 November) [*V. carye* (Hübner)]
- Hassner, Ron E.**  
2007. The travels of the Lorenz butterfly. *Annals of improbable Research* 13(1): 16-17, 3 figs. (January-February) [*Heliconius erato* (Linnaeus)]
- Hasui, Érica**  
2014. See Brito, M. M. et al., 2014.
- Hauber, Mark E.**  
2017. See Cuthill, I. C. et al., 2017.
- Haugen, Dennis A.**  
2001. See Kliejunas, J. T. et al., 2001.
- Haugum, Jan** [1940-2002]  
1979. A complete taxonomic disposition of the Papilionidae. *Lepidoptera Group 68 Newsletter* 2(5/7): 140-149, 16 figs.; 155, figs. 21-25 (December) [*Baronia brevicornis* Salvin; morphology]  
1983. Papilionid genitalia. *Papilio International* 1(2): 19-35, 9 pls. (November) [*Parides ascanius* (Cramer), *P. hahneli* (Staudinger); Brazil]  
1984. Saruman sold. *Papilio International* 1(3): 70 (May) [sale of P. Smart's collection]  
1987. *Protesilaus oberthueri*, a probable natural hybrid. *Papilio International* 3(3): 196-198, 4 figs. (January) [Mexico, Honduras]  
2001. Verhulst, J.T. (2000): Les *Colias* du Globe. Monograph of the genus *Colias*. *Nachrichten des entomologischen Vereins Apollo* (Neue Folge) 22(1): 12-13 (18 May) [general; book review]
- Hausmann, Axel** [1960- ]  
1992. See Dierl, W. & A. Hausmann, 1992.  
2009a. See Janzen, D. H. et al., 2009.  
2009b. See Regier, J. C. et al., 2009.  
2011. See Nieuwerkerken, E. J. van et al., 2011.  
2016. See Prieto, C. H. et al., 2016.  
2017. See Núñez, R. et al., 2017a.  
2018. See Núñez, R. et al., 2018.  
2019a. See Prieto, C. H. et al., 2019.  
2019b. See Núñez, R. et al., 2019.  
2019c. Ein Leben im Dienst der Biosiversitätsforschung: In memoriam Prof. Dr. h.c. Dipl.-Kfm. Thomas J. Witt (\*2.9.1947, †28.1.2019). *Spixiana* 42(2): 161-176, figs. (December) [general]
- Haviland, Maud Dora** [1889-1941]  
1926. Defensive colour and pattern in four caterpillars from British Guiana. *Transactions of the entomological Society of London* 1925(3/4): 575-578, pl. 54, 2 figs. (5 February) [*Prepona*]
- Havránek, Daniela**  
1982. Observaciones sobre las cuatro plagas principales de las brassicas en la zona de San Cristóbal, Capacho y Rubio, durante los años 1978, 1979 y 1980. *Actas del VIII Congreso latinoamericano de Zoología* (Mérida) 2: 1257-1273, 4 figs., 7 tabs. (30 September) [*Leptophobia aripa* (Boisduval), *Ascia monuste* (Linnaeus); host plants, Venezuela]
- Havrylenko, Demetrio** [1894-1985], and **Jean J. Winterhalter**  
1949. *Insectos del Parque Nacional Nahuel Huapi*. Buenos Aires, Administración General de Parques Nacionales y Turismo. 57 pp., 52 pls. [*Colias vauthierii* Guérin; Argentina]
- Hawes, Joseph Edward**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Hawkins, Bradford A., and Philip James DeVries**  
1996. Altitudinal gradients in the body sizes of Costa Rican butterflies. *Acta oecologica* 17(3): 185-194, 4 figs. (October) [general]
- Hay, John Du Vall**  
1993. See Nascimento, M. T. & J. D. Hay, 1993.  
1997. See Milhomen, M. de S. et al., 1997.  
2000. See Diniz, I. R. et al., 2000.  
2006. See Bendicho-López, A. et al., 2006.  
2009a. See Carregaro, J. B. et al., 2009.  
2009b. See Morais, H. C. de et al., 2009.
- Hay-Roe, Mirian Medina**  
2008. Races of *Heliconius erato* (Nymphalidae: Heliconiinae) found on different sides of the Andes show wing size differences. *Florida Entomologist* 91(4): 711-712, 1 tab. (December) [South America]
- Hay-Roe, Mirian Medina, Drion G. Boucias, Alexandra M. Shapiro and James J. Becnel**  
2003. A newly discovered baculovirus induces reflex bleeding in the butterfly *Heliconius himera* (Nymphalidae: Heliconiinae). *Journal of invertebrate Pathology* 84(1): 59-62, 2 figs. (September)
- Hay-Roe, Mirian Medina, Gerardo Lamas, and James L. Nation**  
2007. Pre- and postzygotic isolation and Haldane rule effects in reciprocal crosses of *Danaus erippus* and *Danaus plexippus* (Lepidoptera: Danainae), supported by differentiation of cuticular hydrocarbons, establish their status as separate species. *Biological Journal of the Linnean Society* 91(3): 445-453, 2 figs., 3 tabs. (July) [host plants; Peru]
- Hay-Roe, Mirian Medina, and Richard W. Mankin**

2004. Wing-click sounds of *Heliconius cydno alithea* (Nymphalidae: Heliconiinae) butterflies. *Journal of Insect Behavior* 17(3): 329-335, 3 figs. (May) [Ecuador]
- Hay-Roe, Mirian Medina, and James L. Nation**
2007. Spectrum of cyanide toxicity and allocation in *Heliconius erato* and *Passiflora* host plants. *Journal of chemical Ecology* 33(2): 319-329, 6 figs., 2 tabs. (February; published online 3 January)
- Hayashi, Hanao**
1982. See Komae, H. et al., 1982.
- Hayes, Brian**
2015. See Young-Isebrand, E. et al., 2015.
- Hayes, Jacqueline**
2008. See Bosi, S. G. et al., 2008.
- Haynes, Pat**
2003. See Waring, P. et al., 2003.
- Hays, M. B.**
1986. See Lovejoy, T. E. et al., 1986.
- Hayward, Carolyn**
1997. *Queremos quedarnos*. Lima, Ediciones Libro Amigo. 70 pp., figs. ([June]) [general; conservation; Peru]
- Hayward, Kenneth John** [1891-1972]
- 1925a. Insects at sea. *Entomologist's monthly Magazine* 61(730): 61-62 (March) [Brazil, Uruguay]
- 1925b. Migration of butterflies. *Entomologist* 58(745): 147-149 (June), (746): 169-170 (July) [general]
- 1925c. Miscellaneous notes from Argentina. I. *Entomologist's Record and Journal of Variation* 37(11): 151-154 (15 November) [general]
- 1926a. Miscellaneous notes from Argentina. II. *Entomologist's Record and Journal of Variation* 38(4): 55-57 (15 April) [general]
- 1926b. Miscellaneous notes from Argentina. III. *Entomologist's Record and Journal of Variation* 38(5): 74-76 (15 May) [variation: *Colias lesbia* (Fabricius); larva, pupa: *Precis lavinia* (Cramer)]
- 1926c. Miscellaneous notes from Argentina. IV. *Entomologist's Record and Journal of Variation* 38(7/8): 109-110 (15 August) [scent and egg: *Catopsilia cypria* (Fabricius); egg: *Lerodea eufala* (Edwards)]
- 1926d. Migration of butterflies in North-Eastern Argentina in 1926. *Entomologist* 59(759): 228-229 (August) [general]
- 1926e. Miscellaneous notes from Argentina. V.- Life history of *Papilio hellanichus*, Hew. *Entomologist's Record and Journal of Variation* 38(9): 116-120 (15 September) [egg, larva, pupa]
- 1926f. Miscellaneous notes from Argentina. VI.- The earlier stages of *Papilio thoas* race *brasiliensis*, R. and J. *Entomologist's Record and Journal of Variation* 38(10): 130-133 (15 October) [egg, larva, pupa]
- 1927a. Collecting experiences in the Rio Paranaminí region of Argentina. *Entomologist* 60(770): 164-165 (July) [general]
- 1927b. Migration of insects in North-East Argentina. *Entomologist* 60(771): 188-189 (August) [general]
- 1927c. Miscellaneous notes from Argentina. VIII. *Entomologist's Record and Journal of Variation* 39(9): 120-122 (15 September) [*Eudamus catillus* (Cramer); egg, larva]
- 1927d. Miscellaneous notes from Argentina. IX. *Entomologist's Record and Journal of Variation* 39(11): 157-159 (15 November) [*Eantis thraso* (Hübner), *Hamearis chilensis* (Blanchard); larvae, pupae]
- 1928a. Migration of insects in North-Eastern Argentina, 1928. *Entomologist* 61(784): 210-212 (September) [general]
- 1928b. A short description of the Argentine Chaco. *Proceedings of the South London entomological & natural History Society* 1927-1928: 18-33 [general]
- 1929a. The caterpillar and pupa of *Opsiphanes invirae* sub-sp. *amplificatus* Stich. *Entomologist's Record and Journal of Variation* 41(2): 34-35 (15 February) [Argentina]
- 1929b. Description of the larva and pupa of *Actinote pellenea* subspecies *calymna* Jord. f. *zaratensis* Ob. *Entomologist's Record and Journal of Variation* 41(4): 76-77 (15 April) [Argentina]
- 1929c. Sobre migración de insectos, con referencia especial a la Argentina. *Revista de la Sociedad entomológica argentina* 2(5): 209-216 (31 October) [general]
- 1929d. A male of the pierine butterfly *Colias lesbia*, F., with both fore-wings symmetrically perforated. *Proceedings of the entomological Society of London* (A) 4(2): 74-75 (31 December) [Argentina]
1930. The night flight of diurnal butterflies (Lepid.). *Entomological News* 41(8): 258-261 (3 October) [general; Brazil, Argentina]
- 1931a. In far Argentina. *Entomologist's Record and Journal of Variation* 43(1): 8-11 (15 January) [general]
- 1931b. The early stages of *Eudamus undulatus*. *Entomologist's Record and Journal of Variation* 43(2): 36-37 (15 February) [egg, larva, pupa; Argentina]
- 1931c. Some further notes on insect migration in Argentina. *Entomologist* 64(813): 40-41 (February) [*Pyrameis carye* (Hübner)]
- 1931d. News from the Argentine. *Entomologist's Record and Journal of Variation* 43(5): 77-79 (15 May) [general]
- 1931e. A great pierine migration in the Argentine: attacks by birds and lizards upon the migrants. *Proceedings of the entomological Society of London* (A) 6(1): 32 (10 July) [*Pieris phileta automate* Burmeister]
- 1931f. Contributions to the lepidopteroLOGY of the Argentine. I. *Entomologist's Record and Journal of Variation* 43(7/8): (1)-(8) (15 July) [*Danaus erippus* (Cramer); larva]
- 1931g. Notas sobre una migración de *Pieris phileta automate* Burm. *Revista de la Sociedad entomológica argentina* 3(4/5): 225-232 (31 July) [Argentina]
- 1931h. Cuatro insectos anormales. *Revista de la Sociedad entomológica argentina* 3(4/5): 245-246, 4 figs. (31 July) [*Pieris phileta automate* Burmeister; Argentina]
- 1931i. Normas para describir biología de lepidópteros. *Revista de la Sociedad entomológica argentina* 3(4/5): 257-264, 2 pls. (31 July) [general]
- 1931j. Lepidópteros argentinos. Familia Nymphalidae. *Revista de la Sociedad entomológica argentina* 4(1/3): 1-199, pls. 1-21, 6 figs., 1 map (30 November) [general; new taxa: *Actinote pellenea* form *calchaqui*, *A. p.* form *diaguita*, *A. p.* form *quasicinerea*, *A. p.* form *venata*, *A. parapeles* form *ochreana*, *Heliconius phyllis* aberration *cohaerens*, *Dione juno* aberration *suffumata*, *Phyciodes sinois* aberration *nigrina*, *Chlosyne saundersi* form *splendida*, *C. s.* form *s.* aberration *reducta*, *Pyrameis carye* form *minuscula*, *Cystineura hypermnestra sordida*, *Catagramma hydaspes* form *rosaeprivata*, *Callicore candrena* aberration *splendens*, *Dynamine coenus* form *effusiva*, *Chlorippe burmeisteri* form *verdemicans*; life histories; host plants]
- 1931k. A great pierine migration in the Argentine: attacks by birds and lizards upon the migrants [continued]. *Proceedings of the entomological Society of London* (A) 6(2): 33 (31 December) [*Pieris phileta automate* Burmeister]
- 1932a. Lepidoptera argentinos. Familia Hesperidae. *Revista de la Sociedad entomológica argentina* 5(1): 19-35, 2 pls. (31 July) [general; Pyrrhopyginae; new species: *Pyrrhopyge ruficauda*, *Oxynetra rufocincta*]
- 1932b. New forms of *Pieris phileta* Fabr. (Lep., Pieridae). *Revista de Entomologia* (Rio de Janeiro) 2(4): 434-437 (29 December) [*P. p.* form *pura*, *P. p.* form *obscura*, *P. p.* form *juri*; Argentina]

- 1933a. Lepidópteros argentinos. Familia Hesperidae. *Revista de la Sociedad entomológica argentina* 5(3): 149-188, pls. 7-15 (28 February) [general; Pyrginae; new species: *Goniurus purpurata*, *G. elegans*, *Chioides fuscolira*, *Epargyreus argentosus*, *Telemiades simplicius*, *Nascus ocellata*]
- 1933b. Notas adicionales acerca de los Nymphalidae argentinos. *Revista de la Sociedad entomológica argentina* 5(3): 213-218, 4 figs. (28 February) [general; new species: *Phyciodes catagraphus*]
- 1933c. Lepidópteros argentinos. Familia Hesperidae III. *Revista de la Sociedad entomológica argentina* 5(4): 219-275, pls. 17-30 (30 May) [general; Pyrginae; new taxa: *Celaenorrhinus similis*, *Pellicia subostrina*, *P. minor*, *P. najoides*, *Systasea fungoides*, *Staphylus vulgaris*, *S. dentivittata*, *S. fascia*, *S. fasciatus*, *S. ordinarius*, *S. ochrocephs*, *S. punctiseparatus*, *Ebrietas osyris obscurior*, *Anisochoria polysticta extincta*, *A. palpalis*, *Zopyrion pamphilus*, *Erynnis emma* form *seminigra*; Brazil]
- 1933d. Contributions to the lepidopteroLOGY of the Argentine. II. *Entomologist's Record and Journal of Variation* 45(7/8): (9)-(11) (15 July) [*Terias deva* Doubleday; larva, pupa]
- 1934a. Lepidópteros argentinos. Familia Hesperidae. *Revista de la Sociedad entomológica argentina* 6(2/4): 97-181, pls. 5-19 (30 December) [general; Pamphilinae; new taxa: *Euphyes meridiani*, *Poanes meridionalis*, *P. calthula*, *Atrytone subferrugineus*, *Atrytonopsis obscurior*, *Choranthus immocerinus*, *Lerodea unipunctata*, *L. subpunctuli*, *L. incomptus*, *Thespheus perornatus*, *Niconiades tenuifas-ciata*, *Cobalus physcella* form *unipunctata*, *Phlebodes silvicultrix*, *Vehilius perpulcher*, *Megistias gisparoides*, *M. vegrandis*, *M. ethologus*, *Vorates substriata*, *V. pseudecous*, *Vinius pulcherissimus*, *Godmania lunata* form *restricta*, *Callimormus austrinus*, *C. pusillus*, *Lycas argenteus* form *bipunctata*, *Carterocephalus tessellatus*; Brazil]
- 1934b. Lepidópteros argentinos. Familia Hesperidae. *Revista de la Sociedad entomológica argentina* 6(2/4): 183-233, pl. 20 (30 December) [general; new species: *Pellicia binotata*]
- 1935a. Los Pyrginae argentinos. Adiciones y anotaciones (Lep. Grypocera). *Anales de la Sociedad científica argentina* 119(6): 256-261, 4 figs. (June) [general; new taxa: *Goniurus belli*, *Codatractus aminias* form *breyeri*]
- 1935b. Los Pamphilinae argentinos, adiciones y anotaciones (Lep. Grypocera). *Anales de la Sociedad científica argentina* 119(6): 262-266, 5 figs. (June) [general]
- 1935c. The geographical aspects of Argentine entomology. *Entomologist's Record and Journal of Variation* 47(10): 109-110 (15 October) [general]
- 1935d. Revisión de las especies argentinas del género *Actinote* (Lep. Nymphal.). *Revista de la Sociedad entomológica argentina* 7: 93-97, pl. 11 (14 November) [general; new forms: *A. equatoria* form *pseudequatoria*, *A. pellenea* form *calymmoides*, *A. p.* form *lulesa*, *A. p.* form *xanthobrunnea*, *A. pyrha* form *illimis*, *A. surima* form *punctata*]
- 1935e. Revisión de especies argentinas de Pyrrhopyginae. (Lep. Hesp.). *Revista de la Sociedad entomológica argentina* 7: 123-129 (14 November) [general; new species: *Pyrrhopyge margimmiscus*, *P. subnubilus*]
- 1935f. Hesperidae (Lep.) argentinos. Notas y adiciones, con descripción de una nueva especie. *Revista de la Sociedad entomológica argentina* 7: 131-137, pl. 12 (14 November) [general; *Aguna* (?) *williamsi*]
- 1935g. Notas sobre lepidópteros (Rhop.) argentinos con descripción de nuevas especies y formas. *Revista de la Sociedad entomológica argentina* 7: 183-193, pl. 13, 1 fig. (14 November) [general; *Chlosyne saundersi* form *infuscata*, *Dynamine coenus* form *ambicoenus*, *Adelpha abia* form *ampla*, *Chlorippe felderi* form *caesitia*, *Thecla loxurina* form *rufanalis*, *T. I.* form *quadrufus*]
- 1935h. *Phyciodes liriope* (Cramer) (Lep. Nymph.). Sinonimia y distribución, especialmente de formas argentinas. *Revista de la Sociedad entomológica argentina* 7: 219-233 (14 November) [general; new aberration: *P. I. claudina* ab. *immaculata*]
- 1936a. Random notes on Argentine collecting. An unproductive winter expedition. *Entomologist's Record and Journal of Variation* 48(10): 111-113 (15 October), (11): 117-119 (15 November) [general]
- 1936b. Six months collecting along the Alto Parana, Argentina. *Proceedings of the South London entomological & natural History Society* 1935-36: 55-83, pls. 4-8 [general]
- 1937a. Random notes on Argentine collecting. 3. The riverain forests of the Chaco-santafecino. *Entomologist's Record and Journal of Variation* 49(1): 5-8 (15 January) [general]
- 1937b. Argentine notes. I. Papilionidae. *Entomologist's Record and Journal of Variation* 49(6/7): 77-80 (15 June) [general]
- 1937c. Hesperioidea argentina I. Los genitales de algunas especies y adiciones a la bibliografía. *Revista de la Sociedad entomológica argentina* 8: 57-60, pl. 5 ("1936", after June 1937) [general]
- 1937d. Hesperioidea argentina II. Insectos nuevos para la fauna y anotaciones sobre otros. *Revista de la Sociedad entomológica argentina* 8: 65-75, pl. 6 ("1936", after June 1937) [general; new species: *Thespheus haywardi* Evans]
- 1937e. Nymphálidos argentinos. Adiciones y anotaciones. *Revista de la Sociedad entomológica argentina* 8: 93-97, pl. 8 ("1936", after June 1937) [general]
- 1937f. Hesperioidea argentina IV. Géneros y especies nuevos para la Argentina. *Revista de la Sociedad entomológica argentina* 9: 61-65, 3 figs. (31 December) [general; new species: *Camptopleura indecora*]
- 1937g. Hesperioidea argentina V. Géneros y especies nuevos para la Argentina. *Revista de la Sociedad entomológica argentina* 9: 93-100, pl. 5 (31 December) [general; new species: *Ochlodes köhleri*]
- 1937h. List of the Argentine species of *Pholisora* (Lep. Hesp.), with descriptions of two new species. *Revista chilena de Historia natural* 40: 274-278, pl. 19 ("1936", before 1 July 1937) [general; *P. rileyi*, *P. dissimilis*]
- 1938a. Further records of insect migration in the Argentine Republic. *Entomologist* 71(896): 6-7 (January) [*Vanessa carye* (Hübner)]
- 1938b. Some Hesperidae from the Yungas of Bolivia (Lep.). *Revista de Entomologia* (Rio de Janeiro) 8(1/2): 106-111, 8 figs. (26 March) [general; new species: *Pyrrhopyge denieri*, *Pholisora lizeri*]
- 1938c. Hesperioidea argentina VI. *Anales de la Sociedad científica argentina* 125(3): 222-231, 9 figs. (March) [general; new species: *Vacerra evansi*, *Paracarystus evansi*]
- 1938d. Hesperioidea argentina VII. Especies y procedencias adicionales para la fauna argentina. *Anales de la Sociedad científica argentina* 125(5): 374-383, 4 figs. (May) [general]
- 1938e. Note on a third Argentine mosaic *Colias*. *Entomologist's Record and Journal of Variation* 50(7/8): 79 (15 July)
- 1938f. A new genus and several new species of Neotropical Hesperidae. *Revista de Entomologia* (Rio de Janeiro) 9(3/4): 370-374, 4 figs. (31 December) [*Autochton assaracus*, *Lerodea unicolor*, *Neoxeniades* (new genus) *musarion*, *Callimormus elegans*; Brazil, Paraguay, Ecuador]

- [1939]a. Hesperioidea argentina VIII. *Anales de la Sociedad científica argentina* 126(6): 429-459, 30 figs. ("December 1938", [before 6 March 1939]) [new taxa: *Telegonus fulgor*, *Telemiades xantho*, *Pellicia hersilia*, *P. herse*, *P. hertha*, *P. hermione*, *P. hebe*, *P. (?) albicoides*, *Lerodea lepta*, *L. zama*, *L. albinotatis*, *L. uniformis*, *L. nolaca*, *L. olivacea*, *Thespieus moneraspernatus*, *Tiryntia ornata*, *Cobalus cocalus*, *Cobaloides* (new genus) *argus*, *Phanes trium-viralis*, *Vistigma* (new genus) *xanthobasis*, *Phlebodes bella*, *Callimormus simplicius*, *Artines fastus*; Brazil, Peru, Uruguay, Bolivia, Paraguay]
- 1939b. Hesperioidea argentina IX. *Anales de la Sociedad científica argentina* 127(4): 285-293, 5 figs. (April) [general; new species: *Lerodea mocoreta*, *Phanes belli*, *Mnasicles kohleri*; Brazil, Peru, Colombia, Bolivia, Paraguay, French Guiana, Cuba, Guyana, Panama, Ecuador]
- 1939c. Hesperioidea argentina III. Especies nuevas o poco conocidas de la fauna argentina. *Physis* (Buenos Aires) 17(49): 279-301, 7 figs. (31 May) [general; new species: *Dalla spica*]
- 1939d. Las especies argentinas del género *Butleria* Kirby. Con descripción de dos nuevas por el General W. H. Evans (Lep. Hesp.). *Physis* (Buenos Aires) 17(49): 303-310, 7 figs. (31 May) [general; *B. elwesi*, *B. quilla*; Chile]
- 1939e. Contribución al conocimiento de las Riodinidae argentinas. *Physis* (Buenos Aires) 17(49): 317-374 (31 May) [general; new aberration: *Lymnas aegates* form *cretiplaga* aberration *ochrogutta*]
- 1939f. Ropalóceros de las Yungas de Bolivia. Coleccionados en 1931 por P. C. L. Denier. *Physis* (Buenos Aires) 17(49): 373-384 (31 May) [general; new form: *Pieris buniae* form *albpex*]
- 1939g. Hesperioidea argentina X. *Anales de la Sociedad científica argentina* 128(5): 289-296, 1 fig. (November) [general; nomenclature]
- 1939h. New species of Neotropical Hesperidae (Lep.). *Revista de Entomología* (Rio de Janeiro) 10(3): 517-525, 9 figs. (22 December) [*Telegonus cretatus*, *Pellicia hora*, *P. hesperia*, *P. helena*, *P. hesione*, *Pholisora browni*, *Camptopleura blanchardi*, *Hylephila phylaeus* form *monticola*, *Lerodea macintyreii*, *Oenous brunnescens*; Ecuador, Paraguay, Peru]
- 1940a. Ninfálidos argentinos. Notas adicionales. *Anales de la Sociedad científica argentina* 129(4): 43-47 (January) [general; new aberrations: *Euptoieta claudia* ab. *infuscata*, *Callicore candrena* (?) ab. *breyeri*; host plants]
- 1940b. A new name for *Hesperia fusca* Reed, 1877. *Revista chilena de Historia natural* 43: 16 ("1939", 26 April 1940) [*Lerodea reedi*; Chile]
- 1940c. Three new *Pellicia* (Lep. Hesperidae). *Revista chilena de Historia natural* 43: 147-151, pls. 5-6, fig. 20 ("1939", 26 April 1940) [*P. herophile*, *P. heliodora*, *P. hecale*; Ecuador]
- 1940d. Hesperioidea argentina XII. *Anales de la Sociedad científica argentina* 130(2): 70-94, 14 figs. (August) [general; new taxa: *Atrytone flavens*, *Adlerodea* (new genus) *modesta*, *Lerodea ornata*, *L. gemignanii*, *Eutychide submetallescens*, *E. subpunctata*, *Lerema fusca*, *L. robiginosa*, *Ametron* (new genus) *subviridis*, *Mnestheus krexoides*, *M. silvaticus*, *Artines dryas*; Peru, Brazil, Bolivia, Honduras, Colombia, Venezuela, Paraguay, Surinam]
- 1940e. Hesperioidea argentina XI. *Revista de la Sociedad entomológica argentina* 10(3): 279-297, 12 figs. (30 September) [general; new taxa: *Pyrgus fides*, *Andinus* (new genus) *venustus*, *Hylephila fulva* form *uretai*; Chile]
- 1940f. Migration of *Colias lesbia* in the Argentine in 1940. *Entomologist* 73(929): 222-224 (October)
- 1940g. New species of Neotropical Hesperidae from Ecuador (Lep.). *Revista de Entomología* (Rio de Janeiro) 11(3): 861-877, 20 figs. (31 December) [*Quadrus neivai*, *Potamanaxas peromatus*, *Pholisora hazelae*, *P. nubecula*, *P. imperspicua*, *Heliopetes arsalte* form *marginata*, *Apustus menes* form *radiatus*, *Ancyloxypha aurea*, *Atrytone pandora*, *Lerodea aequatoria*, *L. modesta*, *Cobalus formosus*, *C. browni*, *Oenous oenone*, *O. subviridis*, *O. immaculatus*, *Tigasis nigrans*, *Phlebodes tiberius* form *suffuscus*, *Papias elegans*, *Mnasalca camposi*, *Eutocus adornatus*]
- 1940h. Enumeración sistemática de los lepidópteros de Entre Ríos. I. Familia Hesperidae. *Memorias del Museo de Entre Ríos (Zoología)* 13: 1-17 [general; Argentina]
- 1941a. Departamento de Entomología de la Estación Experimental Agrícola de Tucumán. *Revista industrial y agrícola de Tucumán* 31(1/3): 50-58 (January-March) [*Pieris phileta automata* Burmeister, *Chioides catillus* (Cramer); host plants; Argentina]
- 1941b. Plantas alimenticias de hespéridos argentinos. *Revista de la Sociedad entomológica argentina* 11(1): 31-36 (31 August) [general]
- 1941c. Insectos de importancia económica en la región de Concordia (Entre Ríos). Resumen de los informes anuales 1934-39 de la Sección Entomológica de la Estación Experimental de Concordia. *Revista de la Sociedad entomológica argentina* 11(2): 68-109 (31 October) [also in *Circular. Estación experimental de Concordia* 18; 1941] [general; host plants; parasitoids; Argentina]
- 1941d. Hesperidarum Argentinae Catalogus. *Revista del Museo de La Plata (Zoología)* 2: 227-340, 1 fig. (15 November) [general; new taxa: *Neadopaea*, *Cordillana*, *Lerodea matilidae*]
- 1942a. Departamento de Entomología de la Estación Experimental Agrícola de Tucumán. *Revista industrial y agrícola de Tucumán* 32(1/3): 45-55 (January-March) [general; host plants; Argentina]
- 1942b. Further new species of Neotropical Hesperidae from Ecuador (Lep.). *Revista de Entomología* (Rio de Janeiro) 12(3): 521-531, 14 figs. ("December 1941", 31 January 1942) [general; *Aethilla maxima*, *Quadrus chalybaeus*, *Zopyrion subvariegata*, *Z. s.* form *inornata*, *Atrytone coxeyi*, *Lerodea sylva*, *L. williamsi*, *L. costa*, *Euroto incompta*, *Phlebodes thisbe*, *Molo conspicua*, *Mnasicles thymoetes*]
- [1942]c. A new species of *Pyrrhopyge* (Lep. Hesp.). *Revista chilena de Historia natural* 44: 33-34, fig. 2 ("1940", [June 1942]) [*P. molinai*; Brazil]
- 1942d. Hesperioidea argentina XIII. *Anales de la Sociedad científica argentina* 134(1): 64-71, 5 figs. (July) [general; new taxa: *Ancyloxypha dryas*, *Alerema* (new genus) *asteria*]
- 1942e. Nuevas especies de hespéridos brasileños. *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 2(13): 171-177, 5 figs. (1 December) [*Hydraenomia spitzii*, *Zopyrion reticulata*, *Dardarina amadryas*, *Phanes travassosi*, *Thracides lautus*]
- 1942f. Notes on Hesperidae in the collection of the Museu Nacional do Brasil. I.- *Pyrrhopyginae* [sic]. *Boletim do Museu nacional do Rio de Janeiro* 14/17: 65-81, 4 figs. [general; new species: *Pyrrhopyge xanthomargo*, *Jemadia solaris*, *Sarbia mello-leitaoi*; Brazil, Bolivia, French Guiana, Venezuela, Peru, Mexico]

- 1943a. Hespéridos americanos cuyas larvas perjudican la caña de azúcar. *Revista industrial y agrícola de Tucumán* 33(1/3): 11-18 (January-March) [general; host plants]
- 1943b. La oruga de la hoja del algodón (Alabama argillacea (Hübner)) en Tucumán. *Boletín de la Estación experimental agrícola de Tucumán* 41: 1-21, 16 figs. (May) [Cobalus cannae Herrich-Schäffer, Calpodes ethlius (Stoll); parasitoids; Argentina]
- 1943c. Departamento de Entomología de la Estación Experimental Agrícola de Tucumán. *Revista industrial y agrícola de Tucumán* 33(4/6): 66-84, fig. 6 (April-June) [general; host plants; Argentina]
- 1943d. Primera lista de insectos tucumanos perjudiciales. *Publicación miscelánea. Estación experimental agrícola de Tucumán* 1: 1-110 ("December 1942", 8 July 1943) [general; Argentina]
- 1943e. Estudios sobre hespéridos neotropicales (Lep. Hesp.). I. Sobre la sinonimia y órganos genitales de ciertas especies del género *Dalla* Mabilie. *Acta zoologica Lilloana* 1: 45-53, 15 figs. (28 December) [general]
- 1943f. Two new Neotropical Hesperidae. *Revista chilena de Historia natural* 45: 62-63, 2 figs. ("1941", 1943) [*Mnasitheus cephoideus*, *Cobalopsis modestus*; Belize, Peru]
- 1944a. Hesperioidea argentina XIV. *Revista de la Sociedad entomológica argentina* 12(3): 173-180 (10 August) [general; *Hylephila phylaeus* new aberration *pallida*]
- 1944b. Primera lista de insectos tucumanos perjudiciales. Primer suplemento. *Publicación miscelánea. Estación experimental agrícola de Tucumán* 4: 3-32 (August) [general; host plants; Argentina]
- 1944c. See Williams, R. C., Jr. & K. J. Hayward, 1944.
1945. Hesperidae (Lep.) capturados em Pôrto Cabral durante uma excursão à margem paulista do Rio Paraná. *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 5(21): 197-202 (22 May) [general; Brazil]
1946. Hesperidae (Lep.) capturados em Pôrto Cabral durante uma segunda excursão à margem paulista do Rio Paraná. *Papéis avulsos do Departamento de Zoologia. Secretaria da Agricultura* (São Paulo) 7(10): 129-141 (30 May) [general; Brazil]
- 1947a. Hesperioidea argentina XV (Lep. Rhop. Hesp.). *Acta zoologica Lilloana* 3(2): 215-230 ("1945", 31 May 1947) [general]
- 1947b. Una especie y forma nuevas de hespéridos argentinos (Lep. Rhop. Hesp.). *Acta zoologica Lilloana* 3(2): 253-255, 1 fig. ("1946", 31 May 1947) [*Cogia abdul*, *Diaeus variegatus* form *australis*; Brazil, Paraguay, Bolivia]
- 1947c. Las especies argentinas de los géneros *Mylon* y *Carrhenes* (Lep. Hesperidae). *Acta zoologica Lilloana* 3(2): 307-312, pls. 1-2 ("1946", 31 May 1947) [general; new species: *C. lilloi*; Ecuador, Peru, Bolivia]
- 1947d. Hesperioidea argentina XVI. *Acta zoologica Lilloana* 4: 5-18, 1 fig. (12 December) [general; Brazil, Paraguay]
- 1947e. Algunas plantas huéspedes de las larvas de los hespéridos americanos (Lep. Rhop. Hesp.). *Acta zoologica Lilloana* 4: 19-54 (12 December) [general]
- 1947f. Hesperioidea argentina XVII. *Acta zoologica Lilloana* 4: 55-61, 2 figs. (12 December) [general; Peru, Brazil, Paraguay, Colombia, Bolivia]
- 1947g. Nuevas especies de hespéridos sudamericanos (Lep. Rhop.). *Acta zoologica Lilloana* 4: 121-128, 6 figs. (12 December) [*Pellicia hypsipyle*, *P. hecata*, *Pholisora melania*, *P. toba*, *Moeris meraca*, *Mnestheus silvanus*; Colombia, Argentina, Paraguay, Brazil]
- 1947h. Hesperioidea argentina XVIII. *Acta zoologica Lilloana* 4: 133-144 (12 December) [general]
- 1947i. Catalogus Hesperidarum Rei Publicae Colombianae. *Acta zoologica Lilloana* 4: 201-392 (12 December) [general]
- 1948a. *Insecta, Lepidoptera (Rhopalocera), familia Hesperidarum, subfamiliae Pyrrhopyginarum et Pyrginarum*. In: Descole, H. R. (Ed.), *Genera et species animalium argentinorum*. Buenos Aires, Guillermo Kraft. 1: [10] + 389 pp., 27 pls. (21 September) [general; morphology; host plants; eggs, larvae, pupae, imagines]
- 1948b. Three new genera for Neotropical "Hesperidae" (Lep. Rhop.). *Acta zoologica Lilloana* 5: 97-102 (28 October) [*Mellana*, *Nyctelius*, *Evansiella*]
- 1948c. Hesperioidea argentina. *Acta zoologica Lilloana* 5: 103-112 (28 October) [general]
- 1948d. Nuevas especies [sic] de hespéridos neotropicales (Lep. Hesperidae). *Acta zoologica Lilloana* 5: 175-183, 4 figs. (28 October) [new taxa: *Ochlodes aligula decia*, *Niconiades nikko*, *Thespieus xarina*, *T. castor*, *Synale sylvanus*, *Atrytone meridiani* (Hayward); Argentina, Brazil, Paraguay, Ecuador, Uruguay]
- 1949a. Ninfálidos argentinos. Modificaciones en su nomenclatura y en la lista de especies (Lep. Nymphalidae). *Acta zoologica Lilloana* 7: 5-26 (31 December) [general]
- 1949b. Una nueva especie y dos nuevas formas de piéridos argentinos (Lep. Pieridae). *Acta zoologica Lilloana* 7: 135-137 (31 December) [*Pseudopieris nehemia* form *prasina*, *Tatochila autodice* form *flava*, *T. inversa*]
- 1949c. Hesperioidea argentina XX. Subfamilia Hesperinae: Algunos cambios de nomenclatura. *Acta zoologica Lilloana* 7: 331-335 (31 December) [general]
- 1949d. Satíridos argentinos nuevos para la ciencia (Lep. Satyridae). *Acta zoologica Lilloana* 8: 151-159, 3 figs. (31 December) [*Taygetis modesta*, *Neomaniola (nomen novum for Pseudomaniola Weymer)*, *Manerebia monops*, *Pronophila thelebe australis*, *Maniola yacantoensis* (Köhler); Brazil]
- 1949e. Nuevas especies y formas de "Riodinidae" de Argentina y Bolivia (Lep. Rhop.). *Acta zoologica Lilloana* 8: 197-201, 1 fig. (31 December) [*Chamaelimnas jovianus* aberration *pallida*, *Orimba myrtis mesembrina*, *Apodemia castanea notia*, *Ematurgina ochrophlegma* form *distincta*, *E. o.* form *dissimilis*, *Hamearis phyciodes*]
- 1949f. Nuevas especies [sic] de "Lycaenidae" de la Argentina (Lep. Rhop.). *Acta zoologica Lilloana* 8: 567-581, 7 figs. (31 December) [new taxa: *Thecla amethystina*, *T. ellida toba*, *T. ocrisia lita*, *T. cana*, *T. eumorpha*, *T. vena sparsa*, *T. eremica*, *T. diaguaita*, *T. bicolor* form *leptocosma*, *Ipidecla euprepes*, *Itylos oreopola*; Paraguay, Brazil, Peru, Bolivia]
- 1950a. Un nuevo género para Nymphalidae. *Revista de la Sociedad entomológica argentina* 14(15): 319-320 (14 October) [Sea]
- 1950b. *Insecta, Lepidoptera (Rhopalocera), familia Hesperidarum, Subfamilia Hesperinarum*. In: Descole, H. R. (Ed.), *Genera et species animalium argentinorum*. Buenos Aires, Guillermo Kraft. 2: [10] + 388 pp., 26 pls. (28 December) [general; morphology; host plants; eggs, larvae, pupae, imagines]
- 1951a. Hesperioidea argentina XXI. *Revista de la Sociedad entomológica argentina* 15(1/3): 53-56, 1 fig. (20 October) [general; Peru; Brazil]
- 1951b. Catálogo sinónimo de los ropalóceros argentinos excluyendo "Hesperidae". *Acta zoologica Lilloana* 9: 85-281 ("1950", 25 October 1951) [general]
- 1951c. Las especies y formas argentinas del género *Adelpha* (Lep. Nymphalidae). *Acta zoologica Lilloana* 9: 375-393,



- 19 figs. ("1950", 25 October 1951) [general]
- 1951d. Estudios sobre hespéridos neotropicales (Lep. Hesp.). II. Descripciones de nuevas especies. *Acta zoologica Lilloana* 9: 463-470, 5 figs. ("1950", 25 October 1951) [Carrhenes aquila, Polites (?) inconspicua, Niconiades scitula, Oxyntes virucuculla, Cobalus aethus; Peru, Bolivia, Brazil]
- 1952a. Butterflies on wet ground. *Entomologist's Record and Journal of Variation* 64(7/8): 218-220 (16 July) [general; Argentina]
- 1952b. Más notas sobre ninfálidos argentinos. *Acta zoologica Lilloana* 10: 285-290. [general; taxonomy]
- 1952c. Una clave para las subfamilias, géneros y especies argentinos de la familia Heliconiidae (Lep. Rhop.). *Acta zoologica Lilloana* 10: 311-313. [general]
- 1952d. Clave para los géneros y especies argentinos de la familia Nymphalidae. *Acta zoologica Lilloana* 10: 401-422. [general]
- 1952e. Guía para la clasificación de las especies y formas argentinas de la familia "Papilionidae". *Acta zoologica Lilloana* 12: 279-330, 8 pls. ("1951", 15 October 1952) [general]
- 1953a. Migration of butterflies in Argentina during the Spring and Summer of 1951-52. *Proceedings of the royal entomological Society of London* (A) 28(4/6): 63-73 (23 June) [general]
- 1953b. Memories of the years. *Entomologist's Record and Journal of Variation* 65(7/8): 202-205 (15 August) [general; Argentina]
- 1953c. An entomologist in Argentina. I. Early days. The Chaco Santafecino. *Entomologist's Record and Journal of Variation* 65(9): 249-255 (15 September) [general]
- 1953d. An entomologist in Argentina. II. Buenos Aires and La Rioja. *Entomologist's Record and Journal of Variation* 65(11): 310-315 (15 November) [general]
- 1953e. An entomologist in Argentina. III. Exploring for locusts. *Entomologist's Record and Journal of Variation* 65(12): 350-355 (15 December) [general]
- 1953f. Satíridos argentinos (Lep. Rhop. Satyridae) I. Los géneros (excluidos *Euptychia* y *Neomaniola*). *Acta zoologica Lilloana* 13: 5-66, 100 figs. (December) [general; new genera: *Pampasatyurus*, *Auca*, *Spinantenna*, *Nelia*; morphology; Chile]
- 1954a. An entomologist in Argentina. IV. Journey to Misiones. *Entomologist's Record and Journal of Variation* 66(1): 12-16 (15 January) [general]
- 1954b. An entomologist in Argentina. V. Collecting in Misiones. *Entomologist's Record and Journal of Variation* 66(3): 77-82 (15 March) [general]
- 1954c. An entomologist in Argentina. VI. Citrus entomologist. *Entomologist's Record and Journal of Variation* 66(5): 138-142 (15 May) [general]
- 1954d. Tres satíridos nuevos (Lep. Satyridae). *Revista de la Sociedad entomológica argentina* 17(1/2): 15-18, 3 figs. (January-June) [*Euptychia renatina*, *E. mimula*, *Homoeonympha schajovskoi*; Argentina]
- 1954e. An entomologist in Argentina. VII. Agricultural entomologist. *Entomologist's Record and Journal of Variation* 66(7/8): 191-195 (15 August) [general]
- 1954f. Catálogo sinonímico de ropalóceros argentinos excluyendo hespéridos (primer suplemento). *Acta zoologica Lilloana* 14: 353-374 ("1953", 3 September 1954) [general]
- 1954g. An entomologist in Argentina. VIII. Misiones revisited. Preparation, journey and arrival. *Entomologist's Record and Journal of Variation* 66(9): 222-226 (15 September) [general]
- 1954h. An entomologist in Argentina. IX. Collecting in the forests of North-western Misiones. *Entomologist's Record and Journal of Variation* 66(10): 247-252 (15 October) [general]
- 1954i. An entomologist in Argentina. X. The Chaco Santafecino revisited. *Entomologist's Record and Journal of Variation* 66(11): 266-271 (15 November) [general]
- 1954j. An entomologist in Argentina. XI. Bahia Blanca and the Rio Negro Valley. *Entomologist's Record and Journal of Variation* 66(12): 290-293 (15 December) [general]
- 1955a. An entomologist in Argentina. XI. Bahia Blanca and the Rio Negro valley. *Entomologist's Record and Journal of Variation* 67(1): 19-20 (15 January) [general]
- 1955b. An entomologist in Argentina. XII. Neuquen. *Entomologist's Record and Journal of Variation* 67(4): 116-121 (15 April) [general]
- 1955c. An entomologist in Argentina. XIII. The Calchaqui valleys. *Entomologist's Record and Journal of Variation* 67(6): 165-169 (15 June) [general]
- 1955d. Migration of butterflies in Argentina, 1953-54. *Proceedings of the royal entomological Society of London* (A) 30(4/6): 59-62 (15 June) [general]
- 1955e. An entomologist in Argentina. XIV. Mendoza. *Entomologist's Record and Journal of Variation* 67(9): 223-226 (15 September) [general]
- 1955f. An entomologist in Argentina. XV. Short trip to La Rioja. *Entomologist's Record and Journal of Variation* 67(10): 266-270 (15 October) [general]
- 1955g. On the identity of *Pamphila kirbyi* Reed. *Entomologist* 88(1110): 261 (25 November) [Chile]
1957. Nuevas *Euptychia* de Bolivia (Lepidoptera Satyridae). *Revista chilena de Entomología* 5: 107-121, 8 figs. (10 October) [*E. aliciae*, *E. mariameliae*, *E. susanna*, *E. gisella*, *E. pamela*, *E. patricia*, *E. phares boliviana*, *E. proxima*, *E. stella*, *E. magdalena*]
- 1958a. Migration of butterflies in Argentina (Summer 1956-1957). *Entomologist* 91(1142): 163-164 (9 July) [general]
- 1958b. Satíridos argentinos (Lep. Rhop. Satyridae) II. Los géneros (continuación). *Acta zoologica Lilloana* 15: 161-181, 3 figs. (29 August) [general; morphology]
- 1958c. Satíridos argentinos (Lep. Rhop. Satyridae) III. Guía para su clasificación. *Acta zoologica Lilloana* 15: 199-296, 8 pls., 85 figs. (29 August) [general]
- 1958d. Catálogo sinonímico de ropalóceros argentinos excluyendo Hesperidae (segundo suplemento). *Acta zoologica Lilloana* 16: 13-21 (25 September) [general]
- 1958e. Dibujos de los genitales masculinos de algunos satíridos neotropicales (Lep. Rhop. Satyridae). *Acta zoologica Lilloana* 16: 61-81, 72 figs. (25 September) [general; Bolivia, Costa Rica, Brazil, Chile, Colombia, Ecuador]
1959. Butterfly migration in Argentina in the Summer of 1958. *Entomologist* 92(1149): 38-41 (20 February) [general]
- 1960a. Dos ninfálidos neotropicales nuevos (Lepidopt. Nymphalidae). *Neotropica* (Buenos Aires) 6(19): 30-32, 2 figs. (1 April) [*Actinote rubrocellulata*, *Yramea blancasi*; Peru]
- 1960b. Migration of butterflies in Northwestern Argentina. Spring and Summer 1959-1960. *Entomologist* 93(1171): 237-240 (8 December) [general]
- 1960c. Insectos tucumanos perjudiciales. *Revista industrial y agrícola de Tucumán* 42(1): 3-144 ("January-April 1958", 1960) [also in *Miscelánea. Instituto Miguel Lillo. Universidad nacional de Tucumán* 21] [general; host plants; Argentina]
1961. Guía para el entomólogo principiante. *Miscelánea. Instituto Miguel Lillo. Universidad nacional de Tucumán* 22: 7-168, 7 pls., figs. [general]
- 1962a. Migration of butterflies and a moth in Argentina, Spring

- and Summer 1960-61. *Entomologist* 95(1184): 8-12 (25 January) [general]
- 1962b. Satíridos argentinos (Lep. Rhop. Satyridae) IV. Adiciones. *Acta zoologica Lilloana* 18: 11-17, 1 fig. (23 May) [general; new taxa: *Euptychia inornata*, *E. gibsoni*, *Tetraphlebia germaini argentina*; Brazil]
- 1962c. Catálogo sinonímico de ropalóceros argentinos excluyendo Hesperidae. (Tercer suplemento). *Acta zoologica Lilloana* 18: 19-30 (23 May) [general]
- 1962d. Satíridos sudamericanos nuevos (Lep. Rhop. Satyridae). *Acta zoologica Lilloana* 18: 105-109, 4 figs. (23 May) [*Euptychia howarthi*, *E. saltuensis*; Colombia, Ecuador, Peru, Bolivia, Paraguay, Brazil]
- 1962e. Dibujos de genitales masculinos de algunos satíridos neotropicales (Lep. Rhop. Satyridae) II. *Acta zoologica Lilloana* 18: 251-257, figs. 73-95 (23 May) [general; Colombia, Ecuador, Bolivia, Brazil, Paraguay, Peru]
- 1962f. Migration of butterflies in North Western Argentina, Spring and Summer 1961-62. *Entomologist* 95(1192): 237-239 (21 September) [general]
- 1963a. Migration of butterflies and moths in North-Western Argentina, late Spring and Summer, 1962-63. *Entomologist* 96(1206): 258-264 (12 November) [general]
- 1963b. Dos satíridos neotropicales nuevos (Lep. Rhop. Satyridae). *Revista de la Sociedad entomológica argentina* 26(1/4): 45-46, 1 fig. (15 December) [*Euptychia breyeri*, *Pedaliodes skythropa*; Colombia, Bolivia]
- [1964]a. Lista de los tipos de Insecta (exceptuando Diptera) conservados en el Instituto Miguel Lillo. *Acta zoologica Lilloana* 19: 297-334 ("1963", [10 June 1964]) [general; Peru, Ecuador, Bolivia, Argentina, Paraguay, Brazil, Belize, Colombia, Chile]
- [1964]b. Rhopalocera argentina. Notas varias. *Acta zoologica Lilloana* 19: 487-492 ("1963", [10 June 1964]) [general; Bolivia, Peru, Brazil]
- [1964]c. Catálogo sinonímico de ropalóceros argentinos, excluyendo Hesperidae (cuarto suplemento). *Acta zoologica Lilloana* 19: 497-502 ("1963", [10 June 1964]) [general]
- [1964]d. Dibujos de los genitales masculinos de algunos satíridos neotropicales. III. (Lep. Rhop. Satyridae). *Acta zoologica Lilloana* 19: 511-517, figs. 96-115 ("1963", [10 June 1964]) [general; Peru, Brazil, Costa Rica, Colombia, Bolivia, Ecuador]
- 1964e. Migration of butterflies in North-western Argentina during the Summer of 1964. *Entomologist* 97(1219): 272-273 (5 December) [general]
- 1964f. *Insecta, Lepidoptera (Rhopalocera). Familiae Nymphalidaeaeum et Heliconiidaeaeum*. In: Descole, H. R. (Ed.), *Genera et species animalium argentinorum*. Buenos Aires, Guillermo Kraft. 3: [14] + 472 + [6] pp., 20 pls. (28 December) [general; morphology; host plants; eggs, larvae, pupae, imagines]
- 1964g. Una nueva *Phyciodes* de Perú (Lep. Rhop. Nymphalidae). *Acta zoologica Lilloana* 20: 63-66, 2 figs. (30 December) [*P. chinchipensis*]
- 1964h. *Euptychia weyrauchi* sp. nov. (Lep. Rhop. Satyridae). *Acta zoologica Lilloana* 20: 169-170, 1 fig. (30 December) [Peru]
- 1964i. Dibujos de los genitales masculinos de algunos satíridos neotropicales IV (Lep. Rhop. Satyridae). *Acta zoologica Lilloana* 20: 187-191, figs. 116-128 (30 December) [general; Peru, Brazil, Bolivia, Ecuador]
1966. Los ropalóceros de Cafayate (Salta). *Revista de la Sociedad entomológica argentina* 28(1/4): 65-70 (20 October) [general; ecology; Argentina]
- 1967a. Notes on Argentine butterfly migration, 1965-66. *Entomologist* 100(1245): 29-34 (9 February) [general]
- 1967b. Descripciones de *Thecla* (Lep. Rhop. Lycaenidae). *Acta zoologica Lilloana* 21: 5-12, 3 figs. (November) [new species: *T. correntina*, *T. hypoloides*, *T. opalina*, *T. scintillans*, *T. catamarquensis*, *T. brasiliensis* Talbot; Argentina]
- 1967c. Una nueva *Phyciodes* del Ecuador Oriente (Lep. Rhop. Nymphalidae). *Acta zoologica Lilloana* 21: 13-15, 1 fig. (November) [*P. mirabilis*]
- 1967d. *Ancyloxypha melanoneura orientalis* subsp. nov. (Lep. Rhop. Hesperidae). *Acta zoologica Lilloana* 21: 17-18 (November) [Brazil, Argentina]
- 1967e. Tres satíridos neotropicales nuevos (Lep. Rhop. Satyridae). *Acta zoologica Lilloana* 21: 19-24, 3 figs. (November) [*Punargenteus* [sic] *penai*, *Euptychia neomaenas*, *Pedaliodes foersteri*; Chile, Brazil, Ecuador]
- 1967f. *Insecta, Lepidoptera (Rhopalocera). Familiae Papilionidarum et Satyridarum*. In: Descole, H. R. (Ed.), *Genera et species animalium argentinorum*. Buenos Aires, Guillermo Kraft. 4: [16] + 447 + [4] pp., 25 pls. (28 December) [general; morphology; host plants; eggs, larvae, pupae, imagines]
- 1968a. Dos especies nuevas de *Audre* (Lep. Rhop. Riodinidae). *Acta zoologica Lilloana* 22: 137-142, figs. ("1967", 15 November 1968) [*A. mesopotamica*, *A. catamarquense*; Argentina]
- 1968b. Cuatro satíridos nuevos de Ecuador. *Acta zoologica Lilloana* 22: 201-206, 8 figs. ("1967", 15 November 1968) [*Pedaliodes xanthosphenisca*, *P. anchiphilonis*, *P. scydmaena*, *Manerebia keradialeuka*]
- 1968c. Lista de los tipos de insectos y otros invertebrados conservados en el Instituto Miguel Lillo (3a. entrega). *Acta zoologica Lilloana* 22: 337-352 ("1967", 15 November 1968) [general; Argentina, Peru, Ecuador, Chile, Bolivia, Brazil]
- 1969a. Notes on butterfly migration in Argentina between April 1966 and May 1968. *Entomologist* 102(1268): 10-11 (22 January) [general]
- 1969b. Datos para el estudio de la ontogenia de lepidópteros argentinos. *Miscelánea. Instituto Miguel Lillo. Universidad nacional de Tucumán* 31: 1-142 (December) [general; host plants]
1970. Lista de los tipos de insectos y otros invertebrados conservados en el Instituto Miguel Lillo (4a. entrega). *Acta zoologica Lilloana* 26(7): 105-116 (18 August) [Hesperidae, Riodinidae; Argentina]
1971. Guía para el entomólogo principiante. Segunda edición. *Miscelánea. Instituto Miguel Lillo. Universidad nacional de Tucumán* 37: 1-159, 7 pls., figs. (after October) [general]
1972. Observations on migration of Lepidoptera in North-West Argentina, November 1968-June 1970. *Entomologist* 105(1310): 206-208 (10 August) [general]
1973. Catálogo de los ropalóceros argentinos. *Opera Lilloana* 23: 1-318, 1 map (October) [general]
- Hayward, Kenneth John, and Aldo Vergani**  
1939. Capítulos XIII-XIV, pp. 198-262, figs. In: Los citrus. *Boletín de Frutas y Hortalizas. Ministerio de Agricultura de la Nación* (Buenos Aires) 4(39): 1-288, figs. (July) [*Papilio* spp.; host plants; Argentina]
- He, Jianghong, Cheng Sun, Zhongzhe Gu, Yumin Yang, Miao Gu, Chengbin Xue, Zhuoying Xie, Hechun Ren, Yongjun Wang, Yan Liu, Mei Liu, Fei Ding, Kam W. Leong and Xiaosong Gu**  
2018. Morphology, migration, and transcriptome analysis of Schwann cell culture on butterfly wings with different surface architectures. *ACS Nano* 12(10): 9660-9668, 6 figs. (20 August) [*Morpho menelaus* (Linnaeus); morphology]

- He, S. M.**  
2013. See Sun, B. F. et al., 2013.
- He, Zhenzhu**  
2018. See Elbaz, A. et al., 2018.
- Headlee, Thomas Jefferson** [1877-1946]  
1907. A study in butterfly wing-venation with special regard to the radial vein of the front wing. *Smithsonian miscellaneous Collections* 48(3): 284-296, pls. 59-63, figs. 30-35 (4 February) [general]
- Heape, Walter** [1855-1929]  
1931. *Emigration, migration and nomadism*. Cambridge, W. Heffer & Sons. xii + 369 pp., frontisp. [general; Neotropics]
- Heath, Alan**  
2002. See Pierce, N. E. et al., 2002.  
2005. Workshop on caterpillars, Costa Rica. *Metamorphosis* 16(3): 64-66 (September) [general]  
2017. See Bálint, Z. et al., 2017.
- Heath, Fred**  
2004. California dreaming. Finding endemic butterflies in Southern California. *American Butterflies* 12(2): 4-14, 10 figs. [general; Mexico]
- Hebert, Paul David Neil** [1947- ]  
2005. See Janzen, D. H. et al., 2005.  
2006. See Hajibabaei, M. et al., 2006.  
2007a. See Smith, M. A. et al., 2007.  
2007b. See Burns, J. M. et al., 2007.  
2008a. See Burns, J. M. et al., 2008.  
2008b. See Smith, M. A. et al., 2008.  
2009a. See Janzen, D. H. et al., 2009.  
2009b. See Burns, J. M. et al., 2009.  
2010. See Burns, J. M. et al., 2010b.  
2011a. See Janzen, D. H. et al., 2011.  
2011b. See Prado, B. R. et al., 2011  
2014. See Fernández-Triana, J. L. et al., 2014.  
2017a. See Todisco, V. et al., 2017.  
2017b. See Janzen, D. H. et al., 2017.  
2017c. See Lavinia, P. D. et al., 2017.
- Hebert, Paul David Neil, Erin H. Penton, John McLauren Burns, Daniel Hunt Janzen and Winifred D. Hallwachs**  
2004. Ten species in one: DNA barcoding reveals cryptic species in the neotropical skipper butterfly *Astraptes fulgerator*. *Proceedings of the national Academy of Sciences of the United States of America* 101(41): 14812-14817, 3 figs. (12 October) [host plants; Costa Rica]
- Heckel, David G.** [1953- ]  
2004. See Flanagan, N. S. et al., 2004.  
2005. See Tobler, A. et al., 2005.  
2006. See Kapan, D. D. et al., 2006.  
2008. See Fischer, H. M. et al., 2008.  
2010. See Tay, W. T. et al., 2010.  
2012. See Dasmahapatra, K. K. et al., 2012.  
2015. See Edger, P. P. et al., 2015.
- Hecq, Jacques** [1926-2012]  
1990. Elevage de Brassolides (Lepidopt. Rhop. Sud. Amer.). *Lambillionea* 90(1): 43-44 (1 April) [*Caligo memnon* (Felder & Felder), *C. eurilochus* (Cramer)]
- Hedelin, Henrik**  
2003. See Rydell, J. et al., 2003.
- Hedelin, Henrik, and Jens Rydell**  
2007. Daily habitat shifts by the Neotropical butterfly *Manataria maculata* (Nymphalidae: Satyrinae) is driven by predation. *Journal of the Lepidopterists' Society* 61(2): 67-71, 3 tabs. (20 August) [behavior; Costa Rica]
- Hedges, S. Blair**  
1991. See Schwartz, A. & S. B. Hedges, 1991.  
1998. See Johnson, K. D. & S. B. Hedges, 1998.
- Hedges, S. Blair, and Kurt Duane Johnson**  
1994. *Calisto tasajera* in the Hispaniolan Cordillera Central (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 5(2): 93-94, 2 figs. ("30 November", [8 December]) [República Dominicana]
- Hedicke, Hans Franz Paul** [1891-1949]  
1923. Nomina nova. II. *Deutsche entomologische Zeitschrift* 1923(1): 72 (30 January) [*Pigritina* replaces *Pigritia* d'Almeida; Brazil]
- Hedrick, Lee E.**  
1977. See Brower, L. P. et al., 1977.  
1979. See Calvert, W. H. et al., 1979.
- Hedström, Lars Ingemar** [1931- ]  
1985a. Nattaktiva bin som pollinatorer av en tropisk *Salvia*. *Fauna och Flora* 80(3): 101-110, 8 figs., 2 tabs. (June) [*Ithomia patilla* Hewitson, *Leptophobia aripa* (Boisduval), Hesperinae; Costa Rica]  
1985b. See Jirón, L. F. & L. I. Hedström, 1985.
- Hedström, Lars Ingemar, and Thomas Elmqvist**  
1985. *Prepona* butterflies (Nymphalidae) and *Hoplopyga* beetles (Scarabaeidae) on the same food source during the Neotropical dry season - a case of commensalism? *Revista de Biología tropical* (San José) 32(2): 313-315, 1 fig. ("November 1984", July 1985) [Costa Rica]
- Hefler, Sonia Marisa**  
2007. See Solera, M. et al., 2007.
- Hegeman, Adrian D.**  
2009. See Ballhorn, D. J. et al., 2009.
- Heidel-Fischer, Hanna**  
2015. See Edger, P. P. et al., 2015.
- Heidemann, Otto** [1842-1916]  
1913. See Urich, F. W. & O. Heidemann, 1913.
- Heikertinger, Franz** [1876-1953]  
1921. Welchen Quellen entspringen die biologischen Trachthypothesen? *Zoologischer Anzeiger* 53(11/13): 286-297 (13 December) [general; mimicry; Brazil]  
1937. Die Mimikry der Tagfalter Südamerikas: Die Dismorphiinen (Kritik der Schmetterlingsmimikry. VI.). *Verhandlungen der zoologisch-botanischen Gesellschaft in Wien* 86/87: 35-72, 60 figs. [general]  
1944. Das Problem der Schmetterlingsmimikry und seine Lösung. *Zeitschrift der wiener entomologischen Gesellschaft* 29(5): 129-240 (15 May) [general]  
1946. Die Blattschmetterlinge, ein Irrtum der selektionistischen Biologie. *Zentralblatt für das Gesamtgebiet der Entomologie* 1(5/6): 156-168, 3 figs. (December) [*Siderone strigosa* Staudinger, *Aganisthos odius* (Fabricius); mimicry]  
1949-50. Das Problem der "Totalzeichnung" auf den Schmetterlingsflügeln. *Zeitschrift der wiener entomologischen Gesellschaft* 34(6/7): 85-89, pls. 5-6 (15 July 1949), (10/12): 147-153, figs. 1-5 (31 December 1949); 35(4/6): 68-80, figs. 6-9 (1 June 1950) [general; Neotropics]  
1954. *Das Rätsel der Mimikry und seine Lösung. Eine Kritische Darstellung der Werdens, des Wesens und der Wiederlegung der Tiertrachthypothesen*. Jena, Gustav Fischer Verlag. viii + 208 pp., 9 pls., 114 figs. [general; South America]
- Heikkilä, Maria**  
2012. See Simonsen, J. T. et al., 2012.  
2019. See Chazot, N. et al., 2019b.
- Heikkilä, Maria, Lauri Kaila, Marko Mutanen, Carlos Peña and Niklas Wahlberg**  
2012. Cretaceous origin and repeated tertiary diversification of the redefined butterflies. *Proceedings of the royal Society*

- of London (B) 279(1731): 1093-1099, 2 figs., 1 tab. (22 March; published online 14 September 2011) [general; evolution]
- Heikkilä, Maria, Marko Mutanen, Niklas Wahlberg, Pasi Sihvonen and Lauri Kaila**
2015. Elusive ditrysian phylogeny: an account of combining systematized morphology with molecular data (Lepidoptera). *BMC evolutionary Biology* 15(260): 1-27, 9 figs. (21 November) [general]
- Heil, Martin**
2009. See Ballhorn, D. J. et al., 2009.
- Heilman, Bradley D.**
1998. See Miaoulis, I. N. & B. D. Heilman, 1998.
- Heilprin, Angelo** [1853-1907]
1889. *The Bermuda Islands: A contribution to the physical history and zoology of the Somers Archipelago. With an examination of the structure of coral reefs. Researches undertaken under the auspices of the Academy of Natural Sciences of Philadelphia.* Philadelphia, Academy of Natural Sciences. vii + 231 pp., 17 pls. [*Danais archippus* (Fabri-cius), *Pyrameis atalanta* (Linnaeus), *P. cardui* (Linnaeus), *Junonia coenia* Hübner]
1890. [A note]. *Entomological News* 1(7): 111 ("September", [28 August]) [*Colias caesonia* [sic] (Stoll), *Terias* sp.; Mexico]
- Heimlich, Wilhelm** [1907- ]
1959. Eine neue Satyride aus Chile. *Entomologische Zeitschrift* 69(16): 173-179, 6 figs. (15 August) [*Pamperis* (new genus) *poaeneis*]
1962. *Neomaenas poliozona* n. comb. *Entomologische Zeitschrift* 72(11): 113-115, 4 figs. (1 July) [Chile]
1963. Die Gattung *Argyrophorus* Blanchard (Lep., Satyridae). *Mitteilungen der münchener entomologischen Gesellschaft* 53: 70-79, pls. 3-6 (1 December) [general; new genus: *Punargentus*; Chile, Bolivia, Argentina, Peru]
1969. Consideraciones sobre algunos géneros de satíridos chilenos (Lepidoptera). *Boletín de la Sociedad de Biología de Concepción* 41: 79-84 ("1967", 19 August 1969) [general; taxonomy]
1972. Satyridae der südlichen Neotropis und Subantarktis (Lepidoptera: Satyridae). *Beiträge zur Entomologie* 22(3/6): 149-197, 2 pls., 70 figs. [general; ecology; host plants; distribution; morphology; Argentina, Chile, Peru]
1973. Eine neue Satyride aus Bolivien (Lep. Satyridae). *Mitteilungen der münchener entomologischen Gesellschaft* 63: 182-184, pl. 6 (figs. 3-4), 1 fig. (1 December) [*Sarromia prusia*]
- Heine, Kyle B.**
2016. See Penz, C. M. & K. B. Heine, 2016.
- Heineman, Bernard W.** [1893-1979]
1954. Musing in European museums. *Lepidopterists' News* 7(5/6): 167-170, 2 figs. (12 February) [general; Jamaica]
1955. Rapid death of netted butterflies. *Lepidopterists' News* 9(2/3): 80 (10 August) [general; Jamaica]
1957. See Klots, A. B. & B. W. Heineman, 1957.
1959. See Brown, F. M. & B. W. Heineman, 1959.
- 1962a. How to collect Caligos in the Caribbean (Lepidoptera: Brassolidae). *Journal of the New York entomological Society* 70(2): 61-63 (1 June) [*Caligo insulanus* Stichel; Trinidad]
- 1962b. Insects of Jamaica (abstract). *Journal of the New York entomological Society* 70(2): 119-120 (1 June) [general]
1971. See Brown, F. M. & B. W. Heineman, 1971.
1972. See Brown, F. M. & B. W. Heineman, 1972.
- Heinrich, Bernd** [1940- ]
1980. Artful diners. *Natural History* (New York) 89(6): 42- 51, figs. (June) [larvae; general]
- Heinrich, Walter Onofre**
1947. Resinose do fruto do abacaxi. *O Biológico* (São Paulo) 13(7): 119-122, pl. 4, 3 figs. (July) [*Thecla basalides* [sic] (Geyer); life history; Brazil]
1955. O Rhodiatox no combate às pragas do abacaxi. Resinose do abacaxi. *Sítios e Fazendas* (São Paulo) 21(10): 25-26, 1 fig. (October) [*Thecla basalides* [sic] (Geyer); life history; Brazil]
1958. Experiências para combate à *Thecla basilides* (Geyer, 1837), broca do abacaxi (Lepid. Lycaenidae). *Arquivos do Instituto biológico* (São Paulo) 25(12): 109-119, 2 tabs., 2 graphs. (December) [parasitoid; Brazil]
- Heinze, Stanley**
2012. See Merlin, C. et al., 2012.
- Heinze, Stanley, and Steven Marion Reppert**
2011. Sun compass integration of skylight cues in migratory monarch butterflies. *Neuron* 69(2): 345-358, 8 figs., 1 tab. (27 January) [*Danaus plexippus* (Linnaeus); Mexico]
- Heithaus, E. Raymond**
1974. The role of plant-pollinator interactions in determining community structure. *Annals of the Missouri botanical Garden* 61(3): 675-691, 7 figs., 5 tabs. ([24 December]) [general; Costa Rica]
- Heitzman, John Richard** [1931-2013]
1963. Butterfly migrations in March in northern Mexico. *Journal of the Lepidopterists' Society* 16(4): 249-250 (14 June) [general]
- Heitzman, John Richard, and Robert L. Heitzman**
1973. New butterfly records for the United States (Hesperiidae & Libytheidae). *Journal of Research on the Lepidoptera* 10(4): 284-286, 4 figs. ([before 3 April]) [general; behavior; Mexico]
- Heitzman, Robert L.**
1973. See Heitzman, J. R. & R. L. Heitzman, 1973.
- Held, Lewis I., Jr.**
2013. Rethinking butterfly eyespots. *Evolutionary Biology* 40(1): 158-168, 5 figs. (March; published online 5 August 2012) [general; morphology; genetics]
- Heleno, Rubén**
2013. See Traveset, A. et al., 2013.
- Heleno, Vladimir Constantino Gomes**
2008. See Ambrósio, S. R. et al., 2008.
- Hellebuyck, Víctor José** [1949-2006]
- 1998a. A new species of *Polythrix* and two new records of Hesperidae from Nicaragua, Central America (Hesperidae: Pyrginae). *Revista nicaragüense de Entomología* 44: 41-49, 12 figs. (June) [*P. maizae*]
- 1998b. *Euselasia aurantiaca* ssp. *aurantiaca* (Salvin & Godman) y *Nothome erota* ssp. *diadema* Stichel, nuevos reportes para la fauna de El Salvador (Lepidoptera: Riodinidae). *Revista nicaragüense de Entomología* 45: 33-36, 2 figs. (September)
1999. See Maes, J.-M. et al., 1999.
- Hellebuyck, Víctor José, and Jordi Puig**
1995. *Nymphalis antiopa* (Linnaeus) (Lepidoptera: Nymphalidae) en Guatemala y El Salvador, Centro América. *Revista nicaragüense de Entomología* 31: 21-24, 1 fig. (March)
- Heller, John Lewis** [1906-1988]
1945. Classical mythology in the *Systema Naturae* of Linnaeus. *Transactions and Proceedings of the American Philological Association* 76: 333-357. [general; *Papilio*]
- Heller, John Lewis, and John M. Penhallurick**
2007. *Index of the books and authors cited in the zoological works of Linnaeus.* London, The Ray Society. xlix + 174 + liii-lxiii pp. (15 October) [general; history]
- Heller, Maria V.**

2015. See Raudsepp-Heame, C. et al., 2015.
- Heller, Rasmus**  
2019. See Stanton, D. W. G. et al., 2019.
- Hellmann, Jessica J.**  
2008. See Zakharov, E. V. & J. J. Hallmann, 2008.
- Hellmann, Jessica J., Stuart B. Weiss, John F. McLaughlin, Paul Ralph Ehrlich, Dennis D. Murphy and Alan E. Launer**  
2004. *Structure and dynamics of Euphydryas editha populations*, pp. 34-62, 19 figs., 4 tabs. In: Ehrlich, P. R. & I. Hanski (Eds.), *On the wings of checkerspot. A model system for population biology*. Oxford, Oxford University Press. [25 March] [distribution; Mexico]
- Hellmich, Richard L.**  
2011. See Coates, B. S. et al., 2011.
- Helson, Julie E., Todd L. Capson, Timothy Johns, Annette Aiello and Donald Montgomery Windsor**  
2009. Ecological and evolutionary bioprospecting: using aposematic insects as guides to rainforest plants against disease. *Frontiers in Ecology and the Environment* 7(3): 130-134, 2 figs., 1 tab. (April) [general; host plants; Panama]
- Hemming, Arthur Francis [1893-1964]**  
1925. An interesting *Colias* from Peru. *Proceedings of the entomological Society of London* 1925(1/2): iv-v (7 August) [C. *euxanthe* new male aberration *dimorpha*]  
1929. Notes on the generic names of the Holarctic Lycaenidae (Lep. Rhop.). *Annals and Magazine of natural History* (10)3(15): 217-245 (1 March) [general]  
1931. On the types of certain genera of the family Pieridae (Lepidoptera). *Entomologist* 64(823): 272-273 (December) [general]  
1933a. On the types of certain butterfly genera. *Entomologist* 66(844): 196-200 (September) [general]  
1933b. Additional notes on the types of certain butterfly genera. *Entomologist* 66(845): 222-225 (October) [general; new genus: *Lycorella*]  
1934a. Notes on nine genera of butterflies. *Entomologist* 67(849): 37-38 (February) [general; new genera: *Panoquina*]  
1934b. Notes on nine genera of Holarctic Rhopalocera. *Stylops* 3(6): 143-144 (15 June) [new genus: *Caicella*]  
1934c. *The generic names of the holarctic butterflies. Vol. I - 1758-1863*. London, Richard Clay and Sons. viii + 184 pp. (28 July) [general; new genus: *Greta*]  
1934d. Notes on the types of three genera proposed by Jacob Hubner in the first volume of his *Sammlung Exotische Schmetterlinge*, with a definition of a new genus. *Entomologist* 67(854): 156-157 (July) [general; *Audre*]  
1934e. Revisional notes on certain species of Rhopalocera (Lepidoptera). *Stylops* 3(9): 193-200 (15 September) [general; new species: *Melitaea anastasia*; *Ascia josephina* (Godart), Hesperidae]  
1935a. Notes on seventeen genera of Rhopalocera. *Stylops* 4(1): 1-3 (15 January) [general; new genus: *Yvretta*]  
1935b. A note on Jacob Hübner's *Verzeichniss der Fertigen Blätter und Werke* of 12th March, 1814, with a facsimile. *Stylops* 4(2): 36-38 (15 February) [data on Hübner's *Sammlung exotische Schmetterlinge* and *Zuträge zur Sammlung exotische Schmetterlinge*]  
1935c. A note on Jacob Hübner's *Erste Zuträge zur Sammlung exotische Schmetterlinge* of 1808. *Stylops* 4(2): 38-46 (15 February) [general]  
1935d. Notes on certain genera and species of Papilionidae (Lepidoptera). *Entomologist* 68(861): 39-41 (February) [general; new name: *Parides ygdrasilla*]  
1936. The type of the genus *Actinote* Hübner, [1819] (Lep. Nymphalidae) - A case for consideration by the International Commission on Zoological Nomenclature. *Proceedings of the royal entomological Society of London* (B) 5(3): 56-57 (14 March) [general]  
1937a. *Hübner. A bibliographical and systematic account of the entomological works of Jacob Hübner and of the supplements thereto by Carl Geyer, Gottfried Franz von Fröhlich and Gottlieb August Wilhelm Herrich-Schäffer*. London, Royal Entomological Society. 1: xxxiv + 605 pp., frontisp.; 2: ix + [1] + 270 pp. (26 February) [general; nomenclature]  
1937b. Changes in the genotypes of, or in the priority to be accorded to, eleven genera of Lepidoptera, Rhopalocera, consequent upon the determination of the dates of publication of the entomological works of Jacob Hübner. *Proceedings of the royal entomological Society of London* (B) 6(8): 149-153 (14 August) [general]  
1939a. On five genera in the Lepidoptera Rhopalocera at present without valid names. *Proceedings of the royal entomological Society of London* (B) 8(3): 39 (15 March) [general; new genera: *Naevolus*, *Remella*]  
1939b. Notes on the generic nomenclature of the Lepidoptera Rhopalocera, I. *Proceedings of the royal entomological Society of London* (B) 8(7): 133-138 (15 July) [general; new genera: *Baetotus*, *Calvus*, *Menander*, *Aecas*]  
1939c. Notice of possible suspension of the rules of nomenclature in certain cases (A.(n.s.) 1). *Proceedings of the royal entomological Society of London* (B) 8(8): 151 (15 August) [Actinote]  
1939d. The question of the work in which ten generic names in the Lepidoptera Rhopalocera hitherto attributed to Fabricius were first published in 1807; a case for decision by the International Commission on Zoological Nomenclature. *Proceedings of the royal entomological Society of London* (B) 8(9): 181-191 (15 September) [general]  
1941a. The types of the genera established by Doubleday (E.) in the *Genera of Diurnal Lepidoptera* and by Westwood (J.O.) in the continuation thereof. *Journal of the Society for the Bibliography of natural History* 1(11): 413-446 (15 October) [general]  
1941b. The dates of publication of the specific names first published in Doubleday (E.) *Genera of Diurnal Lepidoptera* and in the continuation thereof by Westwood (J.O.). *Journal of the Society for the Bibliography of natural History* 1(11): 447-464 (15 October) [general; Neotropics]  
1943a. Notes on the generic nomenclature of the Lepidoptera Rhopalocera, II. *Proceedings of the royal entomological Society of London* (B) 12(2): 23-30 (15 February) [general]  
1943b. The types of the genera established by Doubleday (E.) in the *Genera of Diurnal Lepidoptera* and by Westwood (J. O.) in the continuation thereof: A correction regarding the genus *Corybas* Westwood [1850]. *Journal of the Society for the Bibliography of natural History* 1(12): 470 (20 February) [*Corybas* Westwood, *Pyrrhogyra* Hübner]  
1947. On the question whether eight generic names in the Order Lepidoptera (Class Insecta) commonly accepted as having been first published by Fabricius in 1807 were published by Illiger earlier in the same year. *Bulletin of zoological Nomenclature* 1(11): 261-269 (31 March) [general]  
1951. On the nomenclatorial status of names published in 1777 in the "Introductio ad Historiam Naturalem" of Giovanni Anton Scopoli. *Bulletin of zoological Nomenclature* 6(4): 122-125 (28 September)

- 1952a. On the need for an amendment of the decision taken in 1948 regarding the method to be followed in identifying the taxonomic species represented by the nominal species "Papilio plexippus" Linnaeus, 1758 (Class Insecta, Order Lepidoptera). *Bulletin of zoological Nomenclature* 6(9): 284-285 (23 July)
- 1952b. On the lepidopterological implications of Dr. L. B. Holthuis application relating to the name "Sicyonia" Milne Edwards, 1830 (Class Crustacea, Order Decapoda), with a supplementary proposal. *Bulletin of zoological Nomenclature* 6(11): 341-342 (29 August) [general]
1954. Report on the status of new names published in Oken, [1815-1816], "Lehrbuch der Naturgeschichte". *Bulletin of zoological Nomenclature* 9(7): 193-207 (11 May)
1958. Proposed addition to the "Official List of Generic Names in Zoology" of two generic names in the Order Lepidoptera (Class Insecta) and to the "Official List of Family-group Names in Zoology" of the family-group names based upon the generic names in question. *Bulletin of zoological Nomenclature* 13(12): 327-330 (6 June) [Caligo]
- 1960-64. *Annotationes lepidopterologicae*. London, Hepburn & Sons Ltd. 1: 1-36 (25 November 1960); 2: 37-72 (25 November 1960); 3: 73-112 (30 October 1964); 4: 113-151 (30 October 1964); 5: 153-180, i-vii (30 October 1964) [general; nomenclature; new genera: *Nabokovia*, *Junea*, *Higginsius*, *Juditha*, *Klotsius*]
- 1965a. *Napaea* Hübner, [1819] (Insecta, Lepidoptera, Riodinidae): Proposed designation of a type-species under the plenary powers. *Bulletin of zoological Nomenclature* 22(1): 67-68 (5 April) [general]
- 1965b. *Jaspis* Kaye, 1904 (Insecta, Lepidoptera, Lycaenidae): Proposed designation of a type-species under the plenary powers. *Bulletin of zoological Nomenclature* 22(1): 68-69 (5 April) [general]
- 1965c. *Adopaeoides* Godman, [1900] (Insecta, Lepidoptera, Hesperidae): Proposed designation of a type-species under the plenary powers. *Bulletin of zoological Nomenclature* 22(1): 73 (5 April) [general]
- 1965d. *Artines* Godman, [1901] (Insecta, Lepidoptera, Hesperidae): Proposed designation of a type-species under the plenary powers. *Bulletin of zoological Nomenclature* 22(1): 74 (5 April) [general]
- 1965e. *Papias* Godman, [1900] (Insecta, Lepidoptera, Hesperidae): Proposed designation of a type-species under the plenary powers. *Bulletin of zoological Nomenclature* 22(1): 77 (5 April) [general]
- 1965f. *Phanis* Godman, [1900] (Insecta, Lepidoptera, Hesperidae): Proposed designation of a type-species under the plenary powers. *Bulletin of zoological Nomenclature* 22(1): 78 (5 April) [general]
- 1965g. *Zenis* Godman, [1900] (Insecta, Lepidoptera, Hesperidae): Proposed designation of a type-species under the plenary powers. *Bulletin of zoological Nomenclature* 22(1): 80 (5 April) [general]
- 1965h. *Aetheius* Hübner, [1819] (Insecta, Lepidoptera, Riodinidae): Proposed rejection as a *nomen oblitum*. *Bulletin of zoological Nomenclature* 22(2): 103 (18 May) [general]
1967. The generic names of the butterflies and their type-species (Lepidoptera: Rhopalocera). *Bulletin of the british Museum of natural History (Entomology)*, Supplement 9: 1-509 (1 August) [general; Neotropics]
- Hemming, Arthur Francis, and Norman Denbigh Riley**
1946. Proposed suspension of the *Règles* for *Actinote* Hübner, [1819] (Class Insecta, Order Lepidoptera). *Bulletin of zoological Nomenclature* 1(8): 186-187 (26 June) [general]
- Hemming, John** [1935- ]
2015. *Naturalists in paradise. Wallace, Bates and Spruce in the Amazon*. London, Thames & Hudson. 368 pp., frontisp., 76 figs., 4 maps [general; history; South America]
- Hemp, Andreas**
2011. See Laurance, W. F. et al., 2011.
- Hemp, Claudia**
2011. See Laurance, W. F. et al., 2011.
- Hempel, Adolpho** [1870-1949]
1920. Um inimigo importante da figueira cultivada. *Ituna ilione*, Cramer. *Chácaras e Quintaes* (São Paulo) 21(5):373-374, 4 figs. (15 May) [life history; Brazil]
- Henao, Efraín Reinel**
2000. See Salazar, J. A. & E. R. Henao, 2000.
2003. See Salazar, J. A. & E. R. Henao, 2003.
- 2004a. See Johnson, K. D. et al., 2004.
- 2004b. See Vargas, J. I. & E. R. Henao, 2004.
2005. Los Papilionidae del Museo Entomológico "Francisco Luis Gallego" (Lepidoptera: Papilionoidea). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 154-163 (November) [general; Colombia]
2006. Aproximación a la distribución de mariposas del departamento de Antioquia (Papilionidae, Pieridae y Nymphalidae: Lepidoptera [sic]) con base en zonas de vida. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 10: 279-312, 1 pl., 6 figs., 5 tabs. (November) [general; Colombia]
2011. See Gaviria, F. G. & E. R. Henao, 2011.
- 2013a. See Aristizábal, L. F. et al., 2013a.
- 2013b. See Aristizábal, L. F. et al., 2013b.
- [2014]a. See Andrade, M. G. et al., [2014].
- 2014b. See See Gaviria, F. G. & E. R. Henao, 2014.
2015. *Orden Lepidoptera*, pp. 214-259, figs. In: Flórez, E., C. Romero-Ortiz & D. S. López (Eds.), *Los artrópodos de la reserva natural río Nambí*. Bogotá, Instituto de Ciencias Natural, Facultad de Ciencias, Universidad Nacional de Colombia (July) [general; Colombia]
- [2016]. See Andrade, M. G. et al., [2016].
2017. See Andrade, M. G. & E. R. Henao, 2017.
- 2019a. See Andrade, M. G. et al., 2019.
- 2019b. Dos nuevas especies de mariposas (Nymphalidae: Satyrinae) de la región amazónica colombiana. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 23(2): 193-207, 8 figs. (published online 12 September) [*Caeruleptychia sinchi*, *Euptychia similis*]
- Henao, Efraín Reinel, and Miguel Gonzalo Andrade**
2013. Registro del género *Megaleas* (Lepidoptera: Hesperidae: Hesperinae) para Colombia con descripción de una nueva especie. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 37(142): 29-35, 7 figs. ("March"; [September]) [*M. angelae*]
- Henao, Efraín Reinel, Eduardo Carneiro, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
2015. Taxonomic notes on *Wahydra* Steinhauser (Hesperidae, Hesperinae, Anthoptini) with description of four new species. *Zootaxa* 4040(1): 59-73, 54 figs. (9 November) [*W. trinitas*, *W. curtis*, *W. shueyi*, *W. mapiriensis*; South America]
- Henao, Efraín Reinel, Fabián Guillermo Gaviria and Julián Adolfo Salazar**
2017. Descripción de una nueva especie de mariposa del género *Wahydra* Steinhauser (Lepidoptera: Hesperidae: Hesperinae: Anthoptini) para Colombia. *Biota colombiana* 18(1): 192-197, 4 figs. (June) [*W. carneiroi*]
- Henao, Efraín Reinel, and Luis Hernando Meneses**
- [2018]. Una nueva especie de *Pharneuptychia* Forster, 1964 del

- Área Natural Única Los Estoraques –Norte de Santander, Colombia– (Lepidoptera: Nymphalidae: Satyrinae. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(2): 173-183, 6 figs. ("November 2017", [August 2018]; published online December 2017) [*P. estoraquensis*]
- Henao, Efraín Reinel, Andrés Páez and José Vicente Rodríguez**  
 [2018]. Una nueva especie de *Altopedaliodes* Forster, 1964 (Lepidoptera: Nymphalidae: Satyrinae) de la cuenca alta del Río Bogotá, Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(1): 217-225, 4 figs. ("June 2017", [August 2018]) [*A. similis*]  
 [2019]. Inventario de mariposas diurnas (Lepidoptera: Hesperioidea-Papilionoidea) de la Reserva Forestal Productora Protectora de la Cuenca Alta del Río Bogotá (RFPP-CARB). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 22(2): 144-171, 10 figs., 2 tabs. ("July 2018", [13 September 2019]; published online July 2018) [general; Colombia]
- Henao, Efraín Reinel, and Frank Gary Stiles**  
 2018. Un inventario de las mariposas diurnas (Lepidoptera: Hesperioidea-Papilionoidea) de dos reservas altoandinas de la Cordillera Oriental de Colombia. *Revista de la Facultad de Ciencias. Universidad nacional de Colombia* (Medellín) 7(1): 71-87, 10 figs., 1 tab. (June) [general]
- Henao, Efraín Reinel, and José Ignacio Vargas**  
 2009. Mariposas colombianas XIII. Notas sobre algunas especies de hespéridos poco conocidas o raras en Colombia (Lepidoptera: Hesperidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 160-175, 15 figs. (after 10 July) [general; distribution]  
 [2016]. Catálogo ilustrado del género *Dalla* Mabille, 1904 (Lepidoptera: Hesperidae-Heteropterinae) en Colombia, con notas taxonómicas y de distribución. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 19(2): 290-321, 100 + 2 figs., 1 tab. ("December 2015"; [published online before 10 March 2016]) [general]
- Hénaut, Yann**  
 2016. See Cavanzón, L. E. et al., 2016.  
 2018. See Cavanzón, L. E. et al., 2018.
- Henderson, Carroll L.**  
 2010. *Butterflies, moths, and other invertebrates of Costa Rica. A field guide.* Austin, University of Texas Press. xvi + 173 pp., figs., maps [general]
- Henderson, Robert W.** [1945- ]  
 1990. See Schwartz, A. & R. W. Henderson, 1990.  
 1999. See Schwartz, A. et al., 1999.
- Henderson, Rose M.**  
 1987. See Schwartz, A. et al., 1987.  
 1999. See Schwartz, A. et al., 1999.
- Hendrickx, Frederik**  
 2018. See Van Belleghem, S. M. et al., 2018a.
- Hennequy, Louis Félix** [1850-1928]  
 1904. *Les Insectes. Morphologie B Réproduction B Embryogénie.* Paris, Masson et Cie. xviii + [2] + 804 pp., 4 pls., 622 figs. [general]  
 1905. Sur le prétendu dimorphisme sexuel chez les *Heliconia* (Lepidoptera). *Bulletin de la Société entomologique de France* 1905(10): 146-147 (13 June) [general]
- Henning, Graham A.**  
 1992. Phylogenetic notes on the African species of the subfamily Acraeinae - Part 1 (Lepidoptera: Nymphalidae). *Metamorphosis* 3(3): 100-114, 2 figs. (September) [*Actinote*]
- Henriques, Nathália Ribeiro, Marina do Vale Beirão, Ello Brasil and Tatiana Cornelissen**  
 2019. Butterflies (Lepidoptera: Papilionoidea) from the campos rupestres of Serra de São José, Minas Gerais, Brazil. *Biota neotropica* 19(3)(e20180655): 1-9, 2 figs., 1 tab. (published online 9 May) [general]
- Henriques, Silvana Aparecida**  
 1990a. See Brown, K. S., Jr., J. R. Trigo, P. C. Motta et al., 1990.  
 1990b. See Brown, K. S., Jr., J. R. Trigo, R. B. Francini et al., 1990.  
 1991a. See Brown, K. S., Jr. & S. A. Henriques, 1991.  
 1991b. See Brown, K. S., Jr. et al., 1991.  
 1996. See Trigo, J. R. et al., 1996.
- Henríquez, Carolina A.**  
 2007. See Arroyo, M. T. K. et al., 2007.
- Henríquez, Gustavo**  
 2013. See Sermeño, J. M. & G. Henríquez, 2013.
- Henrotte, Jean-Georges**  
 1998. See Fischer, J.-L. & J.-G. Henrotte, 1998.
- Henry, Abel A.**  
 1987. Los taquinidos (Diptera: Tachinidae) de la colección del Instituto de Entomología de la Universidad Metropolitana de Ciencias de la Educación. *Acta entomológica chilena* 14: 189-207 (December) [*Vanessa carye* (Hübner), *Tatochila* sp., *Pieris brassicae* (Linnaeus); parasitoids; Chile]  
 1989. See Solervicens, J. & A. A. Henry, 1989.  
 1991. Novedades entomológicas I. *Acta entomológica chilena* 16: 259-262 (April) [*Battus archidamas* (Boisduval); life history; Chile]  
 1992. Redescrición del huevo, último estadio larval y la pupa de *Argyrophorus argenteus* Blanchard, 1852 y descripción del último estadio larval y pupa de *Etcheverrius chiliensis* (Guérin, 1832) y *Auca nycteropus* (Redd, 1877) (Lepidoptera: Nymphalidae). *Acta entomológica chilena* 17: 187-193, 41 figs., 1 tab. (September) [Chile; host plants]
- Hensen, Isabell**  
 2007. See Döll, S. et al., 2007.  
 2013a. See Kambach, S. et al., 2013.  
 2013b. See Stein, K. & I. Hensen, 2013.
- Henson, Pamela M.**  
 1986. See Robbins, R. K. & P. M. Henson, 1986.
- Hentsch, Gustav Friedrich** [ -1813]  
 1804. *Epitome Entomologiae Systematicae secundum Fabricium continens genera et species insectorum europaeorum.* Lipsiae, sumtibus officinae publicae inservientis literaturae. 6 + 218 + viii pp. [general]
- Henze, Miriam J.**  
 2017. See Lind, O. et al., 2017.
- Hepper, D. N.**  
 1986. See Thomas, C. D. et al., 1986.  
 1988. See Lackie, P. M. et al., 1988.
- Heppner, John Bernhard** [1947- ]  
 1973. The distribution of *Paratrytone melane* and its spread into San Diego County (Hesperidae). *Journal of Research on the Lepidoptera* 10(4): 287-300, 4 figs. ([before 3 April]) [life history; behavior; ecology; Mexico]  
 1989. Lepidoptera diversity in North Sulawesi. *Oriental Insects* 23: 349-364, 3 figs., 5 tabs. [general; Peru]  
 1991a. Brachyptery and aptery in Lepidoptera. *Tropical Lepidoptera* 2(1): 11-40, 145 figs. (30 August) [Papilionidae, *Syrmatia dorilas* (Cramer); Brazil, Guyana]  
 1991b. Faunal regions and the diversity of Lepidoptera. *Tropical Lepidoptera* 2(suppl. 1): 1-85, 58 figs., 9 tabs. ([16 December]) [general]  
 1993a. Response to "Comparison of butterfly diversity in the

- Neotropical and Oriental regions" by Robert K. Robbins. *Journal of the Lepidopterists' Society* 46(4): 301 (19 January) [general]
- 1993b. Swallowtail butterflies of the Americas: A study in biological dynamics, ecological diversity, biosystematics, and conservation by Hamilton A. Tyler, Keith S. Brown, Jr., and Kent H. Wilson. 1994. *Tropical Lepidoptera* 4(2): 146 ("30 November", [27 December]) [general; book review]
- 1993c. Biology and conservation of the Monarch butterfly edited by Stephen B. Malcolm and Myron P. Zalucki. 1993. *Tropical Lepidoptera* 4(2): 150 ("30 November", [27 December]) [*Danaus plexippus* (Linnaeus); book review]
- 1996a. Chile 1995. *Tropical Lepidoptera News* 1996(1): 1, 3, 5 figs. (March) [general]
- 1996b. Key to families of Lepidoptera. *Tropical Lepidoptera* 4(suppl. 3): 1-28, 9 figs. (10 December) [general]
1997. Las mariposas de Chile - The butterflies of Chile by L. E. Peña-G. and A. J. Ugarte-P. 1997. *Tropical Lepidoptera* 8(2): 125 (23 December) [general; book review]
- 1998a. Revised family list for Lepidoptera. *Lepidoptera News* 1998(3): 57-62 ("30 October" [17 November]) [general]
- 1998b. Classification of Lepidoptera. Part 1. Introduction. *Holarctic Lepidoptera* 5(supplement 1): i-v, 1-148, 1-6, 468 figs., 2 tabs. (30 November) [general]
1999. See Hall, J. P. W. & J. B. Heppner, 1999.
2000. Handbook of Zoology. 35. Lepidoptera, moths and butterflies. Volume 1: Evolution, Systematics, and Biogeography, edited by Niels P. Kristensen. *Tropical Lepidoptera* 10(2): 80-82 ("20", [22 November]) [general; book review]
- 2001a. NABA calls collectors immoral. *Lepidoptera News* 2001(3): 3-5 (28 November) [general; conservation]
- 2001b. Relationship between the giant swallowtail and citrus. *Lepidoptera News* 2001(3): 6 (28 November) [*Papilio cressphontes* Cramer; host plants; distribution; conservation]
- 2001c. Lepidoptera Museum Collections, 1929-30 by J. D. Gunder. 1. San Diego Natural History Museum. 2. Natural History Museum of Los Angeles County. 3. California Academy of Sciences. *Lepidoptera News* 2001(3): 11-18, figs. (28 November) [general]
- 2001d. Atlas of North American Lepidoptera. Checklist: Part 1. Papilionidae. *Lepidoptera News* 2001(3): 57-67 (28 November) [general]
2002. Miami blue status in Florida. *Lepidoptera News* 2001(4): 57 (20 May) [*Hemiargus thomasi bethunebakeri* Comstock & Huntington, *H. ammon* (Lucas); Cuba]
2003. *Lepidoptera of Florida. Part 1. Introduction and catalog.* Gainesville, Florida Department of Agriculture & Consumer Services. (*Arthropods of Florida and Neighbouring Land Areas*. Volume 17). x + 670 pp., 55 pls., 66 figs., 1 map (December) [general; host plants; distribution; Neotropics]
- 2004a. Mexican Lepidoptera biodiversity. *Insecta Mundi* 16(4): 171-190 ("December 2002", 17 March 2004) [general]
- 2004b. *Butterflies (Lepidoptera: Rhopalocera)*, pp. 384-387, fig. 134. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 1. [Ed. 2, 2008] [general]
- 2004c. *Butterflies and moths (Lepidoptera)*, pp. 387-428, figs. 135-140. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 1. [Ed. 2, 2008] [general]
- 2004d. *Gossamer-winged butterflies (Lepidoptera: Lycaenidae)*, pp. 975-976, fig. 446b. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 2. [Ed. 2, 2008] [general]
- 2004e. *Skipper butterflies (Lepidoptera: Hesperidae)*, pp. 2011-2012, fig. 921. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 3. [Ed. 2, 2008] [general]
- 2004f. *Snout butterflies (Lepidoptera: Libytheidae)*, p. 2038, fig. 931. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 3. [Ed. 2, 2008] [general]
- 2004g. *Swallowtail butterflies (Lepidoptera: Papilionidae)*, pp. 2151-2152, fig. 1002. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 3. [Ed. 2, 2008] [general]
- 2004h. *Yellow-white butterflies (Lepidoptera: Pieridae)*, pp. 2575-2576, fig. 1166. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 3. [Ed. 2, 2008] [general]
- 2005a. *The monarch. Danaus plexippus (Linnaeus) (Nymphalidae: Danainae)*. Gainesville, Scientific Publishers. (Nature World - Nature Guide No. 1). [ii] + 42 pp., 40 figs. [general]
- 2005b. Tribal classification of the Lepidoptera. *Lepidoptera News* 2003(1/2): 1-22 (23 November) [general]
- 2006a. Monarchs in grave danger. *Association for tropical Lepidoptera Notes* 2006(1): [1], [3]-[4], 2 figs. (20 March) [*Danaus plexippus* (Linnaeus); ecology; migration; Mexico]
- 2006b. Guatemala 2006. *Association for tropical Lepidoptera Notes* 2006(4): [3]-[4] (23 November) [general]
2007. Notes on *Iophanus pyrrias* in Guatemala (Lepidoptera: Lycaenidae). *Tropical Lepidoptera* 17(1/2): 14, 6 figs. (20 December) [Mexico]
2008. Notes on *Eroessa chiliensis* of Valdivian Chile (Lepidoptera: Pieridae). *Lepidoptera novae* 1(1/2): 59-60, 3 figs. (15 November) [behavior; distribution]
- Heraty, John**  
1998. See Peck, S. B. et al., 1998.  
2003. See Caterino, M. S. et al., 2003.
- Hérault, Bruno**  
2016. See Lamarre, G. P. A. et al., 2016a.
- Herberman, Ethan**  
1990. *The Great Butterfly Hunt. The mystery of the migrating monarchs*. New York, Simon and Schuster Inc. 48 pp., figs. [*Danaus plexippus* (Linnaeus); Mexico; behavior]
- Herberstein, Marie E.**  
2019. See McLean, D. J. et al., 2019.
- Herbst, Johann Friedrich Wilhelm** [1743-1807]  
1785-86. *Kurze Einleitung zur Kenntniss der Insekten, für Ungeübte und Anfänger*. Berlin und Stralsund, Gottlieb August Lange. 2(1): 1-56, pls. 277-288 (1785), (2): 57-103, pls. 289-300 (1785), (3): 105-136, pls. 301-312 (1785), (4): 137-184, pls. 313-324 (1786) [general]
1788. Pp. i-xii, 114-232, pls. 38-52. In: Jablonsky, C. G., *Natursystem aller bekannten in- und ausländischen Insekten als eine Fortsetzung der von Buffonschen Naturgeschichte. Nach dem System des Ritters Carl von Linné. Der Schmetterlinge*. Berlin, Joachim Pauli. 3(2). [general]
- 1790-1804. In: Jablonsky, C. G., *Natursystem... Der Schmetterlinge*. Berlin, Joachim Pauli. 4(1): 1-80, pls. 53-66, (2): i-viii, 81-208, pls. 67-80 ([before 29 October] 1790); 5(1): 1-112, pls. 81-96 ([before 25 April] 1791), (2): i-viii, 113-231, pls. 97-117 ([before 16 August] 1792); 6: [vi] + 1-162, pls. 118-153 ([before 25 October] 1793); 7: [vi] + 1-178, pls. 154-181 ([before 21 April] 1794); 8: [viii] + 1-304, pls. 182-230 ([before 26 October] 1796); 9: [vii] + 1-206, pls. 234-260 ([before 12 May] 1798); 10: [2] + i-viii, 1-334, pls. 261-296 ([before 14 November] 1800); 11: i-xiv, 1-392,



pls. 297-327 (1804) [general; new species: *Papilio karschina*, *P. unzerina*, *P. lina*, *P. eustachius*, *P. cortes*, *P. nina*, *P. daunius*, *P. clausius*, *P. cyllarissus*, *P. silenissa*, *P. amelia*, *P. nanus*; Neotropics]

**Heredia, María Dolores**

2002. See García-Robledo, C. A. et al., 2002.

2015. See Robbins, R. K. et al., 2015.

**Heredia, María Dolores, and Humberto Álvarez**

2004. Larval morphology and behavior of *Antirrhoea weymeri* Salazar, Constantino & López, 1998 (Nymphalidae: Morphinae) in Colombia. *Journal of the Lepidopterists' Society* 58(2): 88-93, 4 figs., 1 tab. (23 August) [egg, larva, pupa; host plant]

2007. Biología y conservación de *Morpho sulkowskyi* en Colombia (Lepidoptera: Nymphalidae: Morphinae). *Tropical Lepidoptera* 16(1/2): 11-21, 18 figs., 3 tabs. (25 May) [egg, larva, pupa, imago; host plant; parasitoid]

**Heredia, María Dolores, and Robert Kanner Robbins**

2016. Natural history of the mistletoe-feeding *Thereus lomalarga* (Lepidoptera, Lycaenidae, Eumaeini) in Colombia. *Zootaxa* 4117(3): 301-320, 48 figs., 1 tab. (1 June) [egg, larva, pupa; host plant; behavior]

**Heredia, María Dolores, and Ángel Luis Viloria**

2004. Description and life history of *Pedaliodes zingara*, a new satyrine species from Colombia (Nymphalidae). *Journal of the Lepidopterists' Society* 58(2): 80-87, 5 figs., 1 tab. (23 August) [egg, larva, pupa; host plants; behavior; systematics]

**Hering, Martin Erich Richard** [1893-1967]

1921. Die geographische Verbreitung der Libytheiden. *Archiv für Naturgeschichte* 87(A.4): 248-296, 2 pls., 3 figs. (October) [general; Neotropics]

1926a. Zur Kenntnis der südamerikanischen Nymphaliden-Gattung *Dione*. *Deutsche entomologische Zeitschrift "Iris"* 40(4): 195-204, 5 figs. (15 December) [general; new species: *D. miraculosa*; Neotropics]

1926b. Einige neue Lepidopteren aus Columbien. *Mitteilungen aus dem zoologischen Museum in Berlin* 12(2): 275-278, 3 figs. (December) [*Dismorphia weneri*, *Dynamine hoppi*]

1926c. *Biologie der Schmetterlinge*. Berlin, Julius Springer. vi + 480 pp., 13 pls., 82 figs. [general; anatomy; morphology; life histories; behavior; ecology; distribution]

1932a. Die bewegliche Bursa copulatrix bei *Eurycus cressida* (Fbr.) (Lepidopt. Papilionid.). *Zeitschrift für Morphologie und Ökologie der Tiere* 24(3/4): 576-581, 6 figs. (20 February) [*Euryades duponchelii* (Lucas)]

1932b. Bemerkungen zur Gattung *Catagramma* Bsdv. (Lep. Nymphal.). *Mitteilungen der deutschen entomologischen Gesellschaft* 3(6): 83-87, 5 figs. (June) [general; morphology; new species: *C. latimargo*; Brazil]

1949. Das Geheimnis der Schmetterlingsfarben. *Natur und Technik* (B) 3(15/16): 51-55, 6 figs. [*Morpho* spp.; morphology]

1958. Die Tegula der Lepidopteren, ihre Funktion und taxonomische Verwertbarkeit. *Proceedings of the Tenth international Congress of Entomology* (Montreal) 1: 303-312, 50 figs. (December) [general]

**Hering, Martin Erich Richard, and Walter Ernst Hopp**

1925. Eine Sammelausbeute der Herrn Werner Hopp aus dem Chocó Kolumbiens. *Deutsche entomologische Zeitschrift "Iris"* 39(4): 181-207, 9 figs. (1 December) [general; new taxa: *Dismorphia avonia columbiana*, *Mechanitis polymnia weneri*, *Napeogenes hoppi*, *Ithomia diasia leucophaena*, *Hyposcada consobrina columbiana*, *Callolera singularis transversa*, *Aeria eurimedia latistriga*, *Pierella incanescens weneri*, *Antirrhoea undulata*, *Phycodes levina weneri*, *Prepona weneri*, *Thecla weneri*, *Entheus*

*latifascius*]

**Herkenhoff, Elisa Vieira**

2004. See Monteiro, R. F. et al., 2004.

**Herkenhoff, Elisa Vieira, Ricardo Ferreira Monteiro, Alexandre Pimenta Esperanço and André Victor Lucci Freitas**

2013. Population biology of the endangered fluminense swallowtail butterfly *Parides ascanius* (Papilionidae: Papilioninae: Troidini). *Journal of the Lepidopterists' Society* 67(1): 29-34, 7 figs., 2 tabs. (11 March) [host plant; Brazil]

**Herkenhoff, Elisa Vieira, Jessie Pereira dos Santos and Márcio Uehara-Prado**

2014. *Borboletas frugívoras*, pp. 71-119, 23 figs., 24 tabs. In: Kinouchi, M. R. (Ed.), *Ciclo de capacitação em monitoramento da biodiversidade*. Biologia dos indicadores biológicos. Brasília, Instituto Chico Mendes de Conservação da Biodiversidade. [general; conservation; Brazil]

**Herman, William S.**

1981. Studies on the adult reproductive diapause of the monarch butterfly, *Danaus plexippus*. *Biological Bulletin* 160(1): 89-106, 3 figs., 8 tabs. (February) [Mexico]

**Herman, William S., Lincoln Pierson Brower and William H. Calvert**

1989. Reproductive tract development in monarch butterflies overwintering in California and Mexico. *Journal of the Lepidopterists' Society* 43(1): 50-58, 3 figs. (3 March) [*Danaus plexippus* (Linnaeus)]

**Hermann, J.**

1886. Notes sur la faune entomologique d'Haiti. *Bulletin de la Société de Sciences et de Géographie d'Haiti* 1(1): 9-16 (November) [general; host plants; behavior]

**Hermann, Sharon-Marie**

1979. See Cruden, R. W. & S.-M. Hermann, 1979.

1983. See Cruden, R. W. et al., 1983.

**Hermes-Lima, Marcelo**

2012. See Moreira, D. C. et al., 2012.

**Hernández, Abel**

2013. See Luna, L. H. & A. Hernández, 2013.

**Hernández, Alam**

2014. See Bolaños, S. I. et al., 2014.

**Hernández, Armando, and Gisela Goyo**

1995. *Parque Nacional Yacambú*. Caracas, Unellez/Fundación Polar. 101 + xxvii pp., figs. [general; Venezuela]

**Hernández, Blanca Claudia**

2008. See Warren, A. D. et al., 2008c.

2014. See Llorente, J. E. et al., 2014.

2015a. See Warren, A. D. et al., 2015a.

2015b. See Nieves, S. et al., 2015.

2015c. See Salinas, J. L. et al., 2015.

2016a. See Luis, M. A. et al., 2016.

2016b. See Murillo, L. et al., 2016.

2018. See Llorente, J. E. et al., 2018.

**Hernández, Blanca Claudia, Adrián Flores and Jorge Enrique Llorente**

2013. Comparación morfológica del corion de especies de los géneros *Pieriballia*, *Itaballia*, y *Perrhybris* (Lepidoptera: Pieridae: Pierinae), y sus implicaciones filogenéticas. *Southwestern Entomologist* 38(2): 275-291, 4 pls., 1 tab. (June) [eggs; morphology; Mexico, Colombia]

2014a. Morfología del corion en especies de los géneros *Ascia* y *Ganyra* y su comparación con otros géneros próximos de Pierinae (Lepidoptera: Pieridae). *Southwestern Entomologist* 39(1): 119-134, 5 pls., 1 tab. (March) [general]

2014b. Morfología del corion en la subfamilia Coliadinae

- (Lepidoptera: Pieridae). *Southwestern Entomologist* 39(4): 853-885, 46 figs. (December) [general; Mexico, Colombia, Ecuador]
2015. Morfología del corion en *Leptophobia* (Lepidoptera: Pieridae) e importancia taxonómica. *Southwestern Entomologist* 40(2): 351-368, 4 figs., 1 tab. (June) [general; Ecuador, Mexico]
- Hernández, Blanca Claudia, Jorge Enrique Llorente, Isabel Vargas and Moisés Armando Luis**
- 2008a. Las mariposas (Hesperioidea y Papilionoidea) de Malinalco, Estado de México. *Revista mexicana de Biodiversidad* 79(1): 117-130, 6 figs., 5 tabs. (July) [general]
- Hernández, Blanca Claudia, Isabel Vargas, Moisés Armando Luis and Jorge Enrique Llorente**
- 2008b. Distribución de las mariposas diurnas (Lepidoptera: Hesperioidea y Papilionoidea) del Estado de México, México. *Revista de Biología tropical* 56(3): 1309-1341, 1 fig., 5 tabs. (September) [general]
- Hernández, Blanca Claudia, Andrew David Warren and Jorge Enrique Llorente**
- 2014c. Distribución del género *Codatractus* Lindsey, 1921 (Hesperiidae: Eudaminae). *Southwestern Entomologist* 39(4): 813-852, 16 figs., 3 tabs. (December) [general; Central and South America]
- Hernández, Blanca Estela**
2011. See Sánchez, V. et al., 2011.
- Hernández, Blas**
2010. See Rodríguez, O. et al., 2010.
- 2014a. See Maes, J.-M. & B. Hernández, 2014.
- 2014b. See Maes, J.-M. et al., 2014b.
- 2016a. See Van den Berghe, E. P. et al., 2016.
- 2016b. See Maes, J.-M. & B. Hernández, 2016.
- 2016c. See Van den Berghe & B. Hernández, 2016.
2019. See Maes, J.-M. et al., 2019a.
- Hernández, Blas, Jeremie Lapeze and Jean-Michel Maes**
2018. *Ooptera staudingeri* (Godman & Salvin, 1894) (Lepidoptera: Nymphalidae) confirmación para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 152: 1-10, 4 figs. (August)
- Hernández, Blas, Jean-Michel Maes, Celia A. Harvey, Sergio Vílchez, Arnulfo Medina and Dalia Sánchez**
2003. Abundancia y diversidad de escarabajos coprófagos y mariposas diurnas en un paisaje ganadero en el Departamento de Rivas, Nicaragua. *Agroforestería en las Américas* 10(39/40): 93-102, figs., tabs. [general]
- Hernández, C. E.**
2019. See Sermeño, J. M. et al., 2019.
- Hernández, Concepción, and Saúl Sánchez-Soto**
2017. Insectos asociados a la flor de *Caesalpinia pulcherrima* (L.) Swartz, en un sitio urbano de Tabasco, México. *Revista nicaragüense de Entomología* 130: 1-15, 3 figs., 1 tab. (July) [general]
- Hernández, David F.**
2016. See Bermúdez, F. et al., 2016.
- Hernández, Diosvany**
2006. See Domínguez, C. J. et al., 2006.
- Hernández, Elia**
1999. See Muñiz, A. M. et al., 1999.
- Hernández, Elías**
2008. See Pérez, J. et al., 2008.
- Hernández, Elza L., Sergio A. Torres and Herlinda F. Remón**
2001. Biodiversidad de la Reserva Natural de Cabo Cruz (Provincia de Granma), Cuba. *Cuadernos de Biodiversidad* (Alicante) 3(7): 11-13, 2 tabs. (June) [*Parides gundlachianus* C. Felder & R. Felder]
- Hernández, Francisco**
1993. See Monge-Nájera, J. & F. Hernández, 1993.
1998. See Monge-Nájera, J. et al., 1998.
- Hernández, Francisco, Ana Sittenfeld and Luis Ricardo Murillo**
2005. *Rothschildia lebeau*, una bella mariposa nocturna: Observar de cerca lo que usualmente pasamos inadvertido. *Tecnología en Marcha* 18(4): 55-60, 9 figs. [*Morpho, Hamadryas amphinome* (Linnaeus)]
- Hernández, Francisco García** [1514-1578]
1628. *Rerum medicarum Novae Hispaniae Thesaurus*. Roma. [ii] + [xviii] + 464 + 457-950 + [2] + [2] + [20] + 90 + [6] pp. [Spanish Ed., 1615; Latin Ed. 2, 1651] [general; Mexico]
- Hernández, Gerardo Arturo**
2013. See Mejía, M. de L. et al., 2013.
- Hernández, Jessica and Marysol Trujano**
2013. *Resultados preliminares de las mariposas diurnas (Lepidoptera: Papilionoidea) del valle de Cuatro Ciénegas, Cuatrociénegas de Carranza, Coahuila, México*, pp. 1589-1594, 4 figs. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(2). México, Sociedad mexicana de Entomología. [general]
- Hernández, Karina**
2016. See Rivera, L. et al., 2016.
- Hernández, Linda**
2018. See Rojas, B. et al., 2018.
- Hernández, Lizzette**
2008. See Gómez, R. E. et al., 2008.
2014. See Gómez, R. E. et al., 2014.
- Hernández, Luis Martín**
1995. See Reyes, E. E. & L. M. Hernández, 1995.
2011. See Castañeda, A. et al., 2011.
- Hernández, Luis Martín, Rafael Gómez and Jorge Andrés**
2013. Importancia, plagas insectiles y enfermedades fungosas del cultivo del guanábano. *Libro técnico. Centro de Investigación regional Pacífico Centro. Instituto nacional de Investigaciones forestales, agrícolas y pecuarias* (Santiago Ixcuintla) 1: 1-87, 33 figs., 3 tabs. (March) [*Oenomaus ortygnus* (Cramer); host plant; Mexico]
- Hernández, Luis Ricardo**
2011. See Pérez, B. C. et al., 2009.
- Hernández, Luis Roberto**
1980. See Castiñeiras, A. & L. R. Hernández, 1980.
1987. See Alayo, P. F. & L. R. Hernández, 1987.
- 1992a. Butterfly observations on Mt. St. Benedict and at Moruga Bouffe. *The Field Naturalist. Bulletin of the Trinidad and Tobago Field Naturalist Club* 1992(3): 5-7 (September) [general; Trinidad]
- 1992b. See Smith, D. S. & L. R. Hernández, 1992.
1995. See Roque, L. et al., 1995.
1998. See Smith, D. S. et al., 1998.
2004. *Field Guide of Cuban- West Indies butterflies*. Maracaibo, Ediluz. [ix] + 269 + [21] pp., 31 pls., 13 figs., maps (July) [general]
- Hernández, Luis Roberto, Giraldo Alayón and David Spencer Smith**
1995. A new subspecies of *Parides gundlachianus* from Cuba (Lepidoptera: Papilionidae). *Tropical Lepidoptera* 6(1)(1): 15-20, 10 figs., 1 tab. (25 May) [*P. g. alayoi*; host plant; predators]
- Hernández, Luis Roberto, Lee Denmar Miller, Jacqueline Yvonne Miller, Mark J. Simon and Thomas W. Turner**
1998. New records and range extensions of butterflies from eastern Cuba. *Caribbean Journal of Science* 34(3/4): 324-327, 8 figs. (December) [*Phocides pigmalion batabano* (Lucas), *Pyrgus crisia* Herrich-Schäffer, *Saliana esperi*

- soara Smith & Hernández, *Zerene cesonia cynops* (Butler), *Eurema chamberlaini mariguanae* Bates, *Dianesia carteri ramsdeni* (Skinner)]
- Hernández, Luis Roberto, David Spencer Smith, Neil Davies and Alberto Areces-Mallea**  
1994. The butterflies and vegetational zones of Guanahacabibes National Park, Cuba. *Bulletin of the Allyn Museum* 139: 1-19, 9 figs. (6 December) [general]
- Hernández, Malva Isabel Medina**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.  
2012. See Corso, G. & M. I. M. Hernández, 2012.
- Hernández, Malva Isabel Medina, and Woodruff Whitman Benson**  
1998. Small-male advantage in the territorial tropical butterfly *Heliconius sara* (Nymphalidae): a paradoxical strategy? *Animal Behaviour* 56(3): 533-540, 2 figs., 2 tabs. (September) [behavior; Brazil]
- Hernández, Mariano**  
2003. See Bojórquez, L. A. et al., 2003.
- Hernández, Miguel Angel**  
2008. See Sermeño, J. M. et al., 2008.
- Hernández, Renzo**  
2018. See Murillo, L. et al., 2018.
- Hernández, Tania**  
2013. See Mejía, M. de L. et al., 2013.
- Hernández, Vicente, Irene Martínez and Silvia Rodríguez**  
1982. Lepidópteros en la colección entomológica de la Dirección General de Sanidad Vegetal. Parte I. *Fitófilo* 34(84): 1-104 (May) [general; Mexico]
- Hernández-Baz, Fernando**  
1991. Lista de tesis sobre lepidópteros (Rhopalocera: Heterocera) de México. *Boletín de la Sociedad mexicana de Lepidopterología (Nueva Serie)* 1: 5-11 (October) [general; bibliography]  
1992a. See Quiroz, L. N. & F. Hernández-Baz, 1992.  
1992b. Nuevos registros de Brassolidae (Lepidoptera: Rhopalocera) para la región de Los Tuxtlas, Veracruz México. *Boletín de la Sociedad veracruzana de Zoología* 2(1): 14-16, 3 figs. (May) [*Opsiphanes tamarindí sikyon* Fruhstorfer, *O. quiteria quirinus* Godman & Salvin, *O. cassina fabricii* (Boisduval)]  
1993. La fauna de mariposas (Lepidoptera: Rhopalocera) de Xalapa, Veracruz, México. *La Ciencia y el Hombre* (Xalapa) 14: 55-87, 2 figs., 2 tabs., 1 graph (May-August) [general]  
1994. *La fauna de mariposas diurnas del Estado de Veracruz: Su diversidad y una propuesta conservacionista*, pp. 75-85, 3 tabs. In: González, A. & A. González (Eds.), *Problemática ambiental en el Estado de Veracruz. Recursos faunísticos*. Xalapa, El Colegio de Biólogos del Estado de Veracruz. [general; Mexico]  
2001. La seda nativa: Un recurso potencial para el Estado de Veracruz, México. *Foresta veracruzana* 3(2): 53-56, 1 tab. [*Eucheira socialis* Westwood; host plants]  
2011. See Luis, M. A. et al., 2011a.
- Hernández-Baz, Fernando, Julio César Castañeda-Ortega, Liliana Lara-Capistrán, María del Carmen Núñez-Camargo and Jorge Manuel González**  
2019. Protrusion of androconial organs of *Lycorea halia atergatís* Doubleday [1847] (Nymphalidae) from a cloud forest at Veracruz State, México. *Southwestern Entomologist* 44(1): 327-330, 1 fig. (21 March)
- Hernández-Baz, Fernando, and Aristeo Cuauhtémoc Deloya**  
1992. Observaciones ecológicas de *Pierella luna heracles* Boisduval, 1870 (Lepidoptera: Satyridae) en la selva tropical de Los Tuxtlas, Veracruz, México. *Boletín de la Sociedad mexicana de Lepidopterología (Nueva Serie)* 2: 13-16, 1 fig. (November)
- Hernández-Baz, Fernando, and Jorge Manuel González**  
2014. Prepona deiphile brooksiana (Godman y Salvin, 1889), pp. 96-97, 2 figs. In: Hernández-Baz, F. & D. U. Rodríguez (Eds.), *El Libro Rojo de la fauna del Estado de Veracruz*. Xalapa, Universidad Veracruzana. [conservation; Mexico]
- Hernández-Baz, Fernando, Jorge Manuel González, Tomás Carmona and Gerardo Castro**  
2014. Remarks on the daily rhythm of Lepidoptera in *Simsia amplexicaulis* (Cav.) (Asteraceae) in a cloud forest of Veracruz State, Mexico. *Acta zoológica mexicana* (N. S.) 30(2): 414-421, 1 pl., 1 tab. (August) [general]
- Hernández-Baz, Fernando, and Lourdes G. Iglesias**  
2001. La diversidad del orden Lepidoptera en el estado de Veracruz, México: Una síntesis preliminar. *Cuadernos de Biodiversidad* (Alicante) 3(7): 7-10, 1 tab. (June) [general]
- Hernández-Baz, Fernando, Jorge Enrique Llorente, Moisés Armando Luis and Isabel Vargas**  
2010. *Las mariposas de Veracruz. Guía ilustrada*. México, Consejo Veracruzano de Investigación Científica y Desarrollo Tecnológico. 160 pp., 82 pls., figs. (September) [general]
- Hernández-Baz, Fernando, Delia J. Luna, Gerardo Castro, S. Bradleigh Vinson and Jorge Manuel González**  
2016b. Species richness of butterflies (Papilionoidea) at Natura Park, Xalapa, Veracruz, Mexico. *Southwestern Entomologist* 41(2): 417-430, 5 figs., 1 tab. (June) [general]
- Hernández-Baz, Fernando, Sandra Bibiana Muriel, Renato Mattei, Francisco Romero and Jorge Manuel González**  
2016a. *Trichura dixantha* (Hampson, 1898) first records from Colombia and Venezuela, South America, with notes on collecting and geographic distribution (Lepidoptera: Erebidae, Arctiinae). *Shilap* 44(173): 55-59, 3 figs. (30 March) [*Hypoleria ocalea* (Doubleday), *Hypothyris fluonia* (Hewitson)]
- Hernández-Jiménez, Oscar Alonso**  
2017. See Jiménez-Pérez, N. del C. et al., 2017.
- Hernández-Martínez, María Yolanda, Saúl Sánchez-Soto, Jesús Romero-Nápoles, Eustolia García-López and Julián Pérez-Flores**  
2016. Eficiencia de tres diseños de trampa para la captura de *Opsiphanes cassina fabricii* (Boisduval) en *Elaeis guineensis* Jacq, como alternativa orgánica. *Agroproductividad* 9(12): 34-38, 3 figs. (December) [host plant; Mexico]
- Hernández-Ramírez, Angélica María**  
2018. Buscando al polinizador eficiente: variación temporal en el gremio de visitantes florales y carga polínica estigmática en la especie distílica *Palicourea padifolia* (Rubiaceae). *Revista mexicana de Biodiversidad* 89(2): 412-420, 2 figs., 2 tabs. (June) [general; Mexico]
- Heron, Francis Arthur [1864-1940], and George Francis Hampson**  
1904. On the Lepidoptera collected at Chapada, Matto Grosso, by Mr. A. Robert (Percy Sladen Expedition to Central Brazil). *Proceedings of the Zoological Society of London* 1903(2): 258-260 (1 April) [general; Brazil]
- Herrera, Alfonso Luis [1868-1942]**  
1890-91. El Valle de México considerado como provincia zoológica. *La Naturaleza* (México) (2)1(7/9): 343-378, 1 fig., 1 tab. (after 30 June 1890), (10): 442-483, 2 figs. (after February 1891) [general; host plants]

1892. Semejanza protectora general en los lepidópteros mexicanos del género *Ithomia*. Los animales transparentes. *Memorias y Revista de la Sociedad científica "Antonio Alzate"* (México) 5(3/4): 97-104. [general; Central America]
- Herrera, Carlos M.**  
2012. See Ortegón, I. G. et al., 2012.
- Herrera, Francisco**  
1992. See Viloría, Á. L. et al., 1992.  
2003. See Williams-Linera, G. & F. Herrera, 2003.
- Herrera, Heitor Miraglia**  
2019. See Souza, P. F. de et al., 2019.
- Herrera, Henri W.**  
2013. See Traveset, A. et al., 2013.
- Herrera, Jose Valentín [1913-1992]**  
1950. Dos géneros nuevos de ninfálidos para Chile. *Revista universitaria. Universidad católica de Chile* 35(1): 5-15, figs. (after 30 July) [*Junonia vestina livia* Fruhstorfer, *Dione gnophota* Stichel]
1952. Ausencia de dimorfismo sexual en *Colias flaveola* Blanchard 1852 (Lepidoptera Pieridae). *Revista chilena de Entomología* 2: 173-177, 4 figs. (19 December) [Chile]
- 1954a. Lepidópteros nuevos para Chile. Lepidoptera, Pieridae. *Revista chilena de Entomología* 3: 140-147, 12 figs. ("1953", 30 April 1954) [general; new subspecies: *Tatochila blanchardii ernestae*; Peru, Bolivia]
- 1954b. La enseñanza de la Zoología Sistemática en el Liceo. *Publicaciones de la Dirección general de Educación secundaria. Ministerio de Educación pública (Serie científica)* (Santiago de Chile) 2: 1-58, 13 pls., 14 figs. ("January", December) [general]
1957. See Munizaga, C. & J. V. Herrera, 1957.
1965. *Etcheverrius* y *Palmaris*, nuevos géneros de Satyridae andinos (Lepidoptera). *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 7: 57-73, figs. [general; new subspecies: *Etcheverrius chiliensis magallanicus*; Chile, Argentina, Bolivia]
- 1966a. *Quilaphoetus*, *Chillanella* y *Haywardella* nuevos géneros de Satyridae andinos (Lepidoptera). *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 8: 69-72, figs. [Chile, Argentina]
- 1966b. Ejemplar hermafrodita de *Quilaphoetus janirioides* (Blanchard) (Lepidoptera, Satyridae). *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 8: 127-133, figs. [Chile]
1970. Una especie y dos subspecies nuevas de *Tatochila* colectadas en la alta cordillera de Antofagasta (Lepidoptera, Pieridae). *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 10: 5-17, 21 figs., 1 map. [*T. mariae*, *T. inversa razmilici*, *T. distincta fieldi*; Peru, Argentina, Bolivia]
1972. Mariposas comunes a Chile y Perú (Lepidoptera, Rhopalocera). *Revista peruana de Entomología* 15(1): 72-74 ("April", June) [general]
1974. *Auca delessei* n. sp., especie gemela de *Auca coctei* Guerin; genitalia y cariotipos de las spp. de *Auca* (Lepidoptera, Satyridae). *Publicaciones entomológicas. Universidad de Chile* 11: 22-32, 7 pls. [Chile]
1977. See Field, W. D. & J. V. Herrera, 1977.
1982. La vida silvestre: Se extinguen las mariposas en Chile? *Academia. Academia superior de Ciencias pedagógicas de Santiago* (Santiago de Chile) 3: 205-232, 49 figs. [general]
1986. *Pamperis poaeneis* Heimlich (Lep., Satyridae). Observaciones críticas y rectificaciones de la venación alar y genitalia de esta especie. *Acta entomológica chilena* 13: 161-166, 15 figs. (June) [Chile]
1987. Biología de *Cynthia carye* (Hübner), 1812, especie criptica de *C. annabella* Field, 1971 (Lepidoptera: Nymphalidae). *Acta entomológica chilena* 14: 65-116, 30 pls. (December) [Chile]
- 1989a. Iconotipo de *Cynthia carye* (Hübner, 1812) (Lepidoptera: Nymphalidae). *Acta entomológica chilena* 15: 265-267, 20 figs. (June) [Chile]
- 1989b. Amendment. *Acta entomológica chilena* 15: 328 (June) [*Pierphulia isabela* Field & Herrera; Chile]
1991. Fotografías del hermafrodita *Quilaphoetus janirioides* (Blanchard) (Lepidoptera: Satyridae). *Acta entomológica chilena* 16: 277-278, 9 figs. (April) [Chile]
1992. See Johnson, K. D. et al., 1992.  
1999. See MacNeill, C. D. & J. V. Herrera, 1999.  
2000. See MacNeill, C. D. & J. V. Herrera, 2000.
- Herrera, José Valentín, and Juan Atria**  
1992. La familia Papilionidae en Chile (Lepidoptera). *Acta entomológica chilena* 17: 21-35, 22 figs. (September) [*Battus archidamas* (Boisduval)]
- Herrera, José Valentín, René Covarrubias and Lucía Opazo**  
1987. Observaciones sobre larvas de *Phoebis sennae amphitrite* (Feisthamel) 1839 (Lepidoptera). *Acta entomológica chilena* 14: 183-186, 3 figs. (December) [*Eurema deva chilensis* (Blanchard); host plant; behavior; Chile]
- Herrera, Jose Valentín, and María Edith Etcheverry**  
1956. *Curso teórico práctico de Entomología*. Santiago de Chile, Editorial Universitaria, S. A. 1: [2] + 294 pp., figs. [general; morphology; Chile]
- 1960a. Papilionidae de Chile. Resumen. *Revista universitaria. Universidad católica de Chile* 44/45: 153-155 (21 November) [*Papilio psittacus* Molina; distribution; behavior]
- 1960b. El concepto de especie. *Revista universitaria. Universidad católica de Chile* 44/45: 157-163 (21 November) [general]
1965. *Stuardosatyris* nuevo género de Satyridae y revalidación de la especie *williamsianus* Butler 1868. *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 7: 74-77, figs. [Chile, Argentina]
1970. Revalidación de *Butleria philippi* [sic] (Butler) 1881 (Lep. Rhopalocera, Hesperidae). *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 10: 65-73, 11 figs. [Chile]
- Herrera, Jose Valentín, María Edith Etcheverry and Rodolfo Barrientos**  
1958. Los Nymphalidae chilenos. *Anales de la Universidad de Chile* 116(111): 237-268, 2 pls., 51 figs. [general]
- Herrera, Jose Valentín, María Edith Etcheverry and C. Hochleitner**  
1957. Los Pyrginae de Chile (Lepidoptera Hesperidae). *Revista chilena de Entomología* 5: 143-182, 1 pl., 19 figs. (10 October) [general; new genus: *Heliopyrgus* Herrera]
- Herrera, Jose Valentín, and William Dewitt Field**  
1959. A revision of the butterfly genera *Theochila* and *Tatochila* (Lepidoptera: Pieridae). *Proceedings of the United States national Museum* 108(3408): 467-514, 17 pls. (24 July) [general; new subspecies: *Tatochila theodice staudingeri*, *T. microdice fueguensis*; South America]
- Herrera, Jose Valentín, and Thomas Graham Howarth**  
1966. Genitalia de los tipos de Satyridae de Chile depositados en el British Museum. *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 8: 73-126, 93 figs. [general]
- Herrera, José Valentín, Charles Donald MacNeill and Juan Atria**  
1991. Revisión taxonómica del género *Butleria* (Lepidoptera:

- Hesperinae). *Acta entomológica chilena* 16: 201-246, 15 pls., figs., 1 tab., 3 maps (April) [new subgenera: *Nivis*, *Marthae*; Chile, Argentina; host plant; biogeography]
- Herrera, José Valentín, and Vicente Pérez**  
1989. Hallazgo en Chile de *Stuardosatyrus williamsianus* (Butler), 1868, y consideraciones sobre el género (Lepidoptera: Satyridae). *Acta entomológica chilena* 15: 171-195, 53 figs. (June) [Argentina]
- Herrera, María del Carmen, Alejandro Navarrete, José Alejandro Zavala, Jorge Orendain and Jesús Campos**  
2013. *Diversidad y abundancia temporal de insectos del Jardín Botánico del Valle de Zapotitlán Salinas, Puebla*, pp. 665-670, 2 figs. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [Satyridae, Pieridae; Mexico]
- Herrera, Moisés** [1885- ]  
1921. *Los principales insectos mexicanos, útiles y nocivos*. Paris and Mexico, Librería Viuda Ch. Bouret. ii + 61 pp., figs. [*Acentrocne hesperiaris* (Walker); host plant; egg, larva, pupa, imago]  
1923. *Guía para visitar la colección de los arácnidos, miriápodos e insectos con especial indicación de los artrópodos nocivos al hombre y a la agricultura*. México, Secretaría de Agricultura y Fomento. 200 pp., 59 pls., 126 figs. (December) [general; Mexico]
- Herrera, Nimiadina**  
2005. See Whinnett, A. et al., 2005c.
- Herrera, Pedro**  
2009. See Mestre, N. et al., 2009.
- Herrera, Vianys**  
2011. See Vargas, M. A. et al., 2011.
- Herrera-Fernández, Bernal**  
2018. See Meléndez-Jaramillo, E. et al., 2018.
- Herrera-Vásquez, Jonathan, Adriana Zúñiga and Carmen María Porras**  
[2010]. Butterflies diversity in a tropical rainforest gradient of Arenal, Costa Rica. *Brenesia* (San José) 70: 61-64, 2 figs., 1 tab. ("September 2008" [2010]) [general]
- Herreros, Arturo**  
1971. Presencia de *Pieris brassicae* (Lep. Pieridae) en Chile. *Anales del Museo de Historia natural de Valparaíso* 4: 349-350 (after 22 October)
- Herrich-Schäffer, Gottlieb August Wilhelm** [1799-1874]  
1849. Ueber das auf die Flügelrippen gegründete System der Schmetterlinge. *Abhandlungen des zoologisch-mineralogischen Vereines in Regensburg* 1: 175-196, pls. 1-4 (after 20 July) [general]  
1850-58. *Sammlung neuer oder wenig bekannter ausser-europäischer Schmetterlinge*. Regensburg, G. J. Manz. 1: 1-52 ([September 1856]), 53-84 ([April] 1858); pls. [butterflies]: (1/2): [1-10] (July 1850), (3): 11-14 ([1853]), (4): 15-18 ([1855]), (5): [19-22] ([1856]), (6): [23-24] ([1858]); pls. [moths]: (10): [37]-[40] ([May 1854]) [partly issued under the alternate title *Lepidopterorum exoticorum species novae aut minus cognitae*] [general; new taxa: *Caligo uranus*, *C. aesacus*, *Orimba*, *O. cataleuca*, *Mesene nola*, *Theope pedias*, *Eurygona* (?) *pulcherrima*, *Pheles heliconides*, *Eurygona anica*, *E. ophias*, *E. artos*, *E. mys*, *Symmachia hippea*, *Diophthalma mirita*, *D. lagora*, *Nymphidium nicaste*, *N. acanthoides*, *Thecla atnius*, *T. nobilis*, *T. punctum*, *T. essus*, *Cybdelis naeris*, *C. tatila*, *C. empyrea*, *Corades auriga*, *C. ichthya*, *Euterpe sebennica*, *E. flisa*, *Acidalia* (?) *ustrinaria*]  
1859. Vorarbeiten zu einer Synonymik sämtlicher Lepidopteren. *Berliner entomologische Zeitschrift* 3(2/3): 126-133. [Ithomiinae]
1861. Revision der Lepidopteren mit besonderer Berücksichtigung der Aussereuropäer. *Correspondenzblatt für Sammler von Insecten, insbesondere von Schmetterlingen* 2(19): 145-152 (July), (20): 153-158 (August), (21): 161-163 (September), (22): 169-173 (October), (23): 177-179 (November), (24): 185-188 (December) [general; Neotropics]
- 1862a. Revision der Lepidopteren mit besonderer Berücksichtigung der Aussereuropäer. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 16(1): 9-10 (January), (2): 27-30, pls. 1-2 (February), (4): 60-62 (April) [general; Neotropics]
- 1862b. Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 16(6/8): 118-120 (August), (10): 141-143 (October) [general; new taxa: *Hymenitis cubana*, *Synchlloe perezii*, *Hypna clytemnestra* variety *iphigenia*, *Terias laeae*, *Leptalis cubana*, *Papilio columbus*, *Lycaena isophthalma*, *Thecla coelebs*, *Goniloba egeus*, *G. malefida*, *Goniurus cariosa*, *Erycides mancinus*]
- 1862c. Revision der Lepidopteren mit besonderer Berücksichtigung der Aussereuropäer. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 16(10): 143-151 (October) [general; Neotropics]
- 1862d-1863. Schmetterlinge aus Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 16(11): 156-157 (November 1862), (12): 174-180 ("31 December 1862", [1863]); 17(9): 138-143 (September 1863), (10): 147-150 (October 1863) [general; new species: *Thanaos paterculus*, *T. gesta*, *Pamphila amadis*, *P. antiqua*, *P. magdalia*, *P. mago*]
1864. Prodröm systematis lepidopterorum. Versuch einer systematischen Anordnung der Schmetterlinge. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 18(7/8): 89-112 (August), (9): 123-136 (September), (10): 148-152 (after 27 December) [general; new families: Biina, Hetaerina]
- 1865a. Die Schmetterlingsfauna der Insel Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 18(11/12): 159-172 (after 12 February) [general; new species: *Melitaea anocaona*, *Thecla martialis*, *T. maesites*, *Terias cubana*, *T. conjungens*, *Callidryas avellaneda*, *Pyrgus crisia*, *Nisoniades braco*, *N. brunnea*, *N. concolor*, *N. undulatus*]
- 1865b. Prodröm systematis lepidopterorum. Versuch einer systematischen Anordnung der Schmetterlinge. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 18(11/12): 173-181 (after 12 February) [a partial reprint, with a few additional notes, was published in 1865, with 82 pp., comprising what had been published in 1864 and 1865; two other parts, with 28 and 84 pp. were published, respectively, in 1867 and 1869] [general; new species: *Hymenitis vanilia*, *Ithomia morphenoë*, *I. napho*, *I. sinilia*, *I. phanessa*, *I. anaphissa*, *I. arinia*, *I. linzera*, *Sais ocna*, *S. chinia*]
- 1865c. Die Schmetterlingsfauna der Insel Cuba. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 19(3/4): 52-60 (April) [general; new species: *Achlyodes gesta*, *Thymelicus nanus*, *Cobalus tripunctus*, *Goniloba coscinia*, *G. sandarac*, *G. malitiosa*, *G. corrupta*, *G. sylvicola*, *G. cubana*, *G. singularis*, *Goniurus marmorosa*]
- 1865d. Lepidopterorum Index systematicus. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 19(5): 63-76 (May), (6): 84-92 (June), (7): 100-108 (July) [general]

- 1865e. Literatur. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 19(9): 132-137 (September), (10/11): 169-171 (after 1 November), (12): 180-184 (after 1 December) [general; book reviews]
1866. Literatur. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 20(3): 47-48 (March) [*Heliconius* spp.; Brazil; book review]
- 1867-71. Prodomus systematis lepidopterorum. Versuch einer systematischen Anordnung der Schmetterlinge. *Correspondenz-Blatt des zoologisch-mineralogischen Vereines in Regensburg* 21(9): 100-106 (September 1867), (10): 124-128 (October 1867), (11): 138-144 (November 1867), (12): 161-172 (December 1867); 22(8/9): 119-138 (September 1868), (11): 172-176 (November 1868); 23(4): 56-64 (April 1869), (5): 67-77 (May 1869), (9): 130-141 (September 1869), (11): 163-172 (November 1869), (12): 184-204 (December 1869); 24(9/10): 154-160 (October 1870); 25(6/7): 103-104 (July 1871) [general; new taxa: families Equitina and Hesperina, *Phulia*, *Pereute*, *Cecropterus*, *Pyrrhopyge affinis*, *P. denticulata*, *P. ponina*, *Myscelus intersepta*, *M. epimachia*, *M. epigona*, *Erycides lincea*, *E. distans*, *E. herrichii*, *E. apicalis*, *E. albicilla*, *Eudamus caunus*, *E. flammula*, *E. carmelita*, *E. ceculus*, *E. decurtata*, *E. stylites*, *E. protillus*, *E. fulminans*, *E. passalus*, *E. colossus*, *E. perniciosus*, *E. pseudochalybe*, *E. bahiana*, *E. cretellus*, *E. latimargo*, *E. bifascia*, *E. chersis*, *E. cephise*, *E. panthius*, *E. clavicornis*, *E. cenis*, *E. casica*, *E. caicus*, *E. cajeta*, *E. mexicana*, *E. calchas*, *E. albicuspis*, *Telemiades caepio*, *T. umber*, *T. ceramina*, *Netrocoryne coecutiens*, *Goniloba smaragdulus*, *G. caprotina*, *G. calus*, *G. macareus*, *G. xanthothrix*, *G. devanes*, *G. concors*, *G. corusca*, *G. conflua*, *G. caniola*, *G. conformis*, *G. luctuosa*, *G. mathiolus*, *G. complanula*, *G. lubricans*, *G. complana*, *G. clavus*, *G. clothilda*, *G. cruda*, *G. protoclea*, *G. conjuncta*, *G. corope*, *G. parumpunctata*, *G. aphilos*, *G. hemeterius*, *G. exoteria*, *G. dispersa*, *Cobalus combusta*, *C. dissoluta*, *C. pica*, *C. disjuncta*, *C. diversa*, *C. vittelina*, *C. quadrata*, *C. dama*, *C. trimaculata*, *C. decora*, *C. corope*, *C. neroides*, *C. nero*, *C. hypargyra*, *C. telata*, *C. catocala*, *C. decora*, *C. saturnus*, *C. decrepida*, *C. philippina*, *C. sulphurifera*, *C. cingulicormis*, *C. deleta*, *C. diluta*, *C. grossula*, *C. samedia*, *C. tripuncta*, *C. elegantula*, *C. subcordata*, *C. cannae*, *C. bistrigula*, *C. lumina*, *C. asella*, *C. centralis*, *C. vopiscus*, *C. tertianus*, *C. lutulenta*, *C. cinnamomea*, *C. umber*, *C. lurida*, *Pamphila subcostulata*, *P. columbaria*, *P. simplicissima*, *Pellicia macarius*, *P. albangula*, *P. ephora*, *P. chlorocephala*, *P. dimidiata*, *P. crispus*, *P. costimacula*; Neotropics]
- Hershkovitz, Mark A.**  
2006. See Pérez, F. et al., 2006.
- Herting, Benno**  
1976. *A catalogue of parasites and predators of terrestrial arthropods. Section A. Host or prey/enemy. Volume VII. Lepidoptera, Part 2 (Macrolepidoptera)*. Farnham Royal, Commonwealth Institute of Biological Control. [v] + 221 pp. [general]
- Hertlein, Leo George** [1898-1972]  
1963. Contribution to the biogeography of Cocos Island, including a bibliography. *Proceedings of the California Academy of Sciences* 32(8): 219-289, 4 figs. (20 May) [*Historis odius* (Fabricius), *Agraulis vanillae* (Linnaeus)]
- Hertzner, Gudrun A.**  
2000. See Shahabuddin, G. et al., 2000.
- Herzog, Sebastian K.**  
2011. See Laurance, W. F. et al., 2011.
- Heslop, Ian Robert Penicuick** [1904-1970]  
1951. [A note]. *Proceedings and Transactions of the South London entomological and natural History Society* 1950-51: 33. [*Morpho*, *Caligo*; South America]
- Hethcoat, Matthew G.**  
2018. See Montejo-Kovacevich, G. et al., 2018.
- Hevel, Gary F.**  
1988. See Robbins, R. K. & G. F. Hevel, 1988.
- Hewes, Laurence Ilsley** [1876- ]  
1936. Butterflies - try and get them. *National geographic Magazine* 69(5): 666-678, figs. (May) [general; Neotropics]
- Hewitson, William Chapman** [1806-1878]  
1847. Descriptions of new species of butterflies. *Annals and Magazine of natural History* 20(133): 257-264, pls. 20-21 (1 October) [*Heterochroa nea*, *H. melona*, *H. erotia*, *H. lerna*, *H. donysa*, *H. fessonia*, *H. cestus*, *H. alala*, *H. corcyra*, *H. collina*, *H. aricia*, *H. arecosa*; Neotropics]  
1848. Description of a new species of butterfly, of the genus *Agrias*. *Proceedings of the zoological Society of London* 16(182): 45-47, pl. 1 (14 November) [also in *Annals and Magazine of natural History* (2)3(15): 224-225; 1 March 1849] [*A. aedon*; Colombia]  
1849. Description of a new genus and species of Satyridae. *Proceedings of the zoological Society of London* 16(187): 115-117, pl. 4 (25 April) [also in *Annals and Magazine of natural History* (2)4(21): 215-217; 1 September] [*Corades enyo*; Venezuela]  
1850a. Descriptions of some new species of butterflies. *Annals and Magazine of natural History* (2)6(36): 434-440, pls. 9-10 (1 December) [general; *Ectima iona*, *Heterochroa zea*, *H. zeba*, *H. abia*, *H. thoasa*, *H. abyta*, *H. lara*, *Corades iduna*, *C. pannonia*, *C. ulema*, *C. medeba*, *C. sareba*, *Euptychia gera*, *E. tricolor*; Brazil, Jamaica, Venezuela, Bolivia]  
1850b. [A note]. *Zoologist* 8: 2976 (December) [new species: *Papilio bolivar*, *P. columbus*, *Callithea batesii*, *Pavonia telemachus*; Brazil]  
1851a. [A note]. *Proceedings of the entomological Society of London*. (2)1(4): 43 (21 February) [general; new species: *Leptalis acraeoides*; Brazil]  
1851b. Descriptions of new butterflies, with drawings, also remarks on the sexes of some Papilios. *Transactions of the entomological Society of London* (2)1(4): 97-100, pls. 10-11 (21 February) [general; *Catagramma astarte* (Cramer); Brazil]  
[1852]a. *Illustrations of new species of exotic butterflies, selected chiefly from the collections of W. Wilson Saunders and William C. Hewitson*. London, John Van Voorst. 1(1): [19-20], [67-68], [77-78], pls. [10], [34], [39] ([2 February]) [general; *Ithomia onega*, *I. illinissa*, *I. sarepta*, *I. egra*, *I. galita*, *I. sisera*, *Catagramma atacama*, *C. parima*, *C. kolyma*, *C. tolima*, *Epicalia sabrina*, *E. salacia*, *Myscelia samaria*; Brazil, Ecuador, Venezuela]  
1852b. Descriptions of five new species of butterflies, of the family Papilionidae. *Transactions of the entomological Society of London* (2)2(1): 22-24, pls. 5-6 (14 June) [general; *P. pausanias*, *P. chabrias*, *P. orellana*; Surinam, Brazil]  
1852c-54a. *Illustrations... exotic butterflies...* London, John Van Voorst. 1(2): [57-62], pls. [29-31] ([20 July] 1852), (3): [5-6], [21-22], [79-80], pls. [3], [11], [40] ([20 July] 1852), (4): [63-66], [81-82], pls. [32-33], [41] ([4 October] 1852), (5): [11-12], [113-114], [117-118], pls. [6], [57], [59] ([15 January] 1853), (6): [23-24], [69-70], [115-116], pls. [12], [35], [58] ([5 April] 1853), (7): [7-8], [95-96], [99-100], pls. [4], [48], [50] ([19 July] 1853), (8): [9-10], [101-102], [119-

- 120], pls. [5], [51], [60] ([5 October 1853]), (9): [13-14], [25-26], [83-84], pls. [7], [13], [42] ([2 January 1854]), (10): [87-90], [97-98], pls. [44-45], [49] ([3 April] 1854) [general; *Acraea alcione*, *Eresia phillyra*, *E. pella*, *E. pelonia*, *E. perilla*, *E. perna*, *E. polina*, *Cybdelis concordia*, *C. cinara*, *C. celma*, *C. castalia*, *C. clytia*, *Pieris nera*, *P. malenka*, *P. lorena*, *Ithomia aelia*, *I. patilla*, *I. leila*, *I. fiammetta*, *I. thea*, *I. tutia*, *Epicalia penthia*, *Cybdelis diotima*, *C. bechina*, *C. careta*, *C. norica*, *C. pharsalia*, *Eubagis racidula*, *E. decima*, *E. erchia*, *Timetes berania*, *T. norica*, *T. tutelina*, *Heliconia xenoclea*, *H. anderida*, *H. quitaleña*, *H. aristonía*, *Nymphidium arctos*, *N. agle*, *N. ascolia*, *N. baeotia*, *N. chaonoa*, *N. lycorias*, *N. gela*, *Limnas xarifa*, *L. zoega*, *L. unxia*, *L. volusia*, *L. vitula*, *L. thyatira*, *Ithomia vallonía*, *I. veia*, *I. salapia*, *I. terra*, *I. vestilla*, *I. virginia*, *Catagramma eunomia*, *C. patelina*, *C. peristera*, *Lemonias latona*, *L. senta*, *L. rhodope*, *L. pythia*, *Pieris pandosia*, *Eurygona pelor*, *E. euboea*, *E. eumedia*, *E. eutaea*, *Euterpe eurytele*, *Leptalis theonoe*, *L. lysinoe*, *Eurygona uzita*, *E. eucritus*, *E. eusepus*, *E. eumenes*, *E. urites*, *E. uria*, *Limnas lucisca*, *L. agría*, *L. xenia*, *L. barca*, *Heliconia hermathena*, *H. hecalesia*, *H. heurippa*, *Ithomia ilerda*, *I. peridia*, *I. hezia*, *I. celemia*, *I. azara*, *Pandora procilla*, *Prepona pylene*, *Agrias amydon*, *Siderone syntycha*, *Calydna caieta*, *C. calamisa*, *C. cabira*, *C. calitas*, *C. chaseba*, *C. charila*; Mexico, Central and South America]
- 1854b. Descriptions of some new species of butterflies from South America. *Transactions of the entomological Society of London* (2)2(8): 245-248, pls. 22-23 (3 April) [*Erycina saundersii*, *Acraea amida*, *Papilio conon*, *Haetera hortona*, *H. hypaesia*, *Dircenna duillia*; Colombia, Brazil]
- 1854c-56. *Illustrations... exotic butterflies...* London, John Van Voorst. 1(11): [15-16], [27-28], pls. [8], [14] ([21 July 1854]), (12/13): [29-36], [51-54], [103-104], pls. [15-18], [36-37], [52] ([13 January 1855]), (14): [37-40], [105-106], pls. [19-20], [53] ([9 May 1855]), (15): [41-44], [75-76], pls. [21-22], [38] ([12 November 1855]), (16): [1-2], [45-46], [85-86], pls. [1], [23], [43] ([12 November 1855]), (17): [3-4], [17-18], pls. [2], [9] ([23 January 1856]), (18): [47-50], [107-110], pls. [24-25], [54-55] ([3 May 1856]), (19): [51-52], [111-112], pls. [26], [56] ([15 August 1856]), (20): [53-56], [91-94] + i-v + [121-124], pls. [27-28], [46-47] ([1 October 1856]) [general; *Heliconia eleuchia*, *H. fornaria*, *H. zuleika*, *Ithomia dionaea*, *I. fenestella*, *I. fluonia*, *I. avella*, *I. diasia*, *I. makrena*, *I. giulia*, *I. aletta*, *I. latilla*, *I. kedema*, *I. lavinia*, *I. nero*, *I. andromica*, *I. oto*, *I. zera*, *I. cesleria*, *I. edessa*, *I. adasa*, *I. timma*, *I. agnosia*, *I. cymothoe*, *I. adina*, *I. artema*, *I. zavaleta*, *I. philoclea*, *I. florula*, *I. stella*, *I. mergelena*, *I. virginia*, *Catagramma beckeri*, *C. sinamara*, *C. texa*, *C. patara*, *C. gabaza*, *C. eluina*, *C. vaninka*, *Eurygona opalescens*, *E. euphaes*, *E. utica*, *Ithomia telesto*, *I. alida*, *I. peninna*, *I. derasa*, *I. clara*, *I. cleora*, *I. inachia*, *Eurygona euploea*, *E. eunaeus*, *E. euoras*, *Ithomia fimbria*, *I. tolosa*, *I. galata*, *I. ithra*, *I. attalia*, *I. ardea*, *Catagramma chaseba*, *C. mionina*, *Ithomia erruca*, *I. esula*, *I. oneida*, *I. salonina*, *Agrias phalcidon*, *Papilio dioxippus*, *P. euryleon*, *Mechanitis menapis*, *M. menophilus*, *M. messatis*, *M. mnasias*, *Ithomia hyala*, *I. lagusa*, *I. larina*, *I. zerlina*, *I. iolaia*, *I. gephira*, *I. gonussa*, *Eurygona euodias*, *E. eutyclus*, *E. eulione*, *E. euryone*, *Ithomia utilla*, *Eurygona eugeon*, *E. eurypus*, *E. eubotes*, *E. eulemerus*, *E. clesa*, *E. eubages*, *E. euromus*, *Ithomia lilla*, *I. virginiana*, *I. zelica*, *I. zibia*, *I. zemira*, *I. yanina*, *Siderone syene*, *Paphia panariste*; Neotropics]
- 1857-61a. *Illustrations... exotic butterflies...* London, John Van Voorst. 2(21): [31-32], [45-46], [55-56], pls. [16], [23], [28] ([28 January 1857]), (22): [47-48], [117-120], pls. [24], [59-60] ([20 April] 1857), (23): [51-52], [63-64], [79-80], pls. [26], [32], [40] ([28 July 1857]), (24): [15-16], [43-44], [99-100], pls. [8], [22], [50] ([16 November] 1857), (25): [25-26], [57-58], [115-116], pls. [13], [29], [58] ([10 February 1858]), (26): [1-2], [33-34], [101-102], pls. [1], [17], [51] ([13 April] 1858), (27): [17-18], [23-24], [85-86], pls. [9], [12], [43] ([3 August] 1858), (28): [59-62], [103-104], pls. [30-31], [52] ([22 October] 1858), (29): [65-68], [105-106], pls. [33-34], [53] ([26 March 1859]), (30): [3-4], [35-36], [53-54], pls. [2], [18], [27] ([27 May 1859]), (31): [41-42], [75-76], [107-108], pls. [21], [38], [54] ([8 July 1859]), (32): [73-74], [93-94], [109-110], pls. [37], [47], [55] ([18 October] 1859), (33): [81-84], [111-112], pls. [41-42], [56] ([31 December] 1859), (34): [71-72], [77-78], [95-96], pls. [36], [39], [48] ([23 May] 1860), (35): [27-28], [97-98], [113-114], pls. [14], [49], [57] ([11 July 1860]), (36): [19-22], [29-30], pls. [10-11], [15] ([15 November] 1860), (37): [7-8], [89-92], pls. [4], [45-46] ([7 February] 1861) [general; *Ithomia alema*, *I. amalda*, *I. cidonia*, *I. rowena*, *I. ulla*, *I. zabina*, *Cybdelis capenas*, *C. caralis*, *C. caresa*, *C. carias*, *Catagramma yeba*, *C. tryphena*, *C. aretas*, *Epiphile epimenes*, *E. epicaste*, *E. eriopis*, *Pyrrhopyga patrobas*, *P. papias*, *P. paseas*, *P. praecia*, *P. plutia*, *P. pityusa*, *P. pionia*, *P. pieria*, *P. pialia*, *Eubagis gisella*, *E. onias*, *Callithea markii*, *Leptalis rhetes*, *Eresia emerantia*, *E. eranites*, *E. esora*, *E. ezorias*, *Mesosemia mevania*, *M. lamachus*, *M. moesia*, *Tithorea tarricina*, *Heliconia hecuba*, *H. hermogenes*, *Catagramma excelsior*, *Lemonias siaka*, *L. sudias*, *L. rhesa*, *L. thara*, *Ithomia villula*, *I. apulia*, *I. ercilla*, *I. ilerdina*, *I. gunilla*, *I. priscilla*, *Mesosemia nesti*, *M. steli*, *M. meeda*, *M. maenades*, *Leptalis antherize*, *L. siloe*, *L. zathoe*, *L. zaela*, *Daedalma* (new genus) *dinias*, *D. doraete*, *D. drymaea*, *D. drusilla*, *Callithea degandii*, *Mesosemia meana*, *M. marisa*, *Ithomia ina*, *I. oriana*, *I. alexina*, *I. synnova*, *I. duessa*, *I. polita*, *I. norella*, *Eubagis anubis*, *E. amplias*, *E. persis*, *E. neoris*, *Mesosemia minos*, *M. traga*, *M. epidius*, *Prepona priene*, *P. praeneste*, *Mesosemia cippus*, *M. maeotis*, *M. antaerice*, *M. melaene*, *M. menoetes*, *Calydna caprina*, *C. carneia*, *C. catana*, *C. cea*, *C. calyce*, *C. candace*, *Mesosemia myonia*, *M. metope*, *M. melpia*, *M. ibycus*, *Siderone archidona*, *Eurygona zena*, *E. mazaca*, *E. gyda*, *E. dorina*, *Mechanitis maelus*, *M. maenicus*, *M. mazaeus*, *M. marsaeus*, *Mesosemia machaera*, *M. magete*, *M. matisca*, *M. melese*, *M. messeis*, *M. methion*, *M. mosera*, *Theope thebais*, *T. theritis*, *T. thestias*, *T. thelpusa*, *T. thootes*, *Euterpe telthusa*, *E. tellane*, *E. teutamis*, *Leptalis lycosura*, *L. lysianax*, *Mechanitis macrinus*, *M. mansuetus*, *M. meneclis*, *M. mothone*, *M. meterus*; Neotropics]
- 1861b. *Illustrations... exotic butterflies...* London, John Van Voorst. 2(38): [9-12], [37-38], pls. [5-6], [19] ([17 April]) [general; *Ithomia ethica*, *I. orolina*, *I. corena*, *I. theudelinda*; Ecuador, Brazil, Colombia, Mexico]
- 1861c. Descriptions of new diurnal Lepidoptera. *Journal of Entomology* 1(3): 155-158, pls. 9-10 ("February", [June]) [*Eueides eanes*, *E. edias*, *Lymanopoda leaena*, *L. lactea*, *L. labda*, *L. albocincta*, *L. albomaculata*; Peru, Colombia]
- 1861d. *Illustrations... exotic butterflies...* London, John Van Voorst. 2(39): [5-6], [39-40], [87-88], pls. [3], [20], [44] ([10 July]), (40): [13-14], [49-50], [69-70] + i-iv + [121-124], pls. [7], [25], [35] ([29 October]) [general; *Papilio xenarchus*, *P. gratianus*, *P. epenetus*, *Acraea acipha*, *Pieris pisonis*, *Paromia* (new genus) *pulchra*, *Epiphile hubneri*, *E. adrasta*; Ecuador, Brazil, Colombia, Mexico]

- 1862a. *Specimen of a catalogue of Lycaenidae in the British Museum*. London, Taylor and Francis. [3] + 15 pp., 8 pls. (11 January) [*Eumaeus* spp.; Mexico, Honduras Cuba]
- 1862b. *Illustrations... exotic butterflies...* London, John Van Voorst. 3(41): [79-82], [105-106], pls. [40-41], [53] ([13 January]), (42): [59-60], [83-84], [107-108], pls. [30], [42], [54] ([3 April]) [general; *Pronophila prosymna*, *P. propylea*, *P. praeneste*, *P. pronax*, *Mesosemia macella*, *M. macaris*, *M. misipsa*, *Catagramma viringa*, *C. zelphanta*, *C. denina*, *C. maimuna*, *Haetera hyceta*, *H. elvina*, *Mesosemia minos*, *M. traga*, *M. epidius*; Nicaragua; South America]
- 1862c. On *Pronophila*, a genus of the diurnal Lepidoptera; with figures of the new species, and reference to all those which have been previously figured or described. *Transactions of the entomological Society of London* (3)1(1): 1-17, pls. 1-6 (7 April) [general; new species: *P. parepa*, *P. phila*, *P. phaea*, *P. peruda*, *P. plotina*, *P. pylas*, *P. peucestas*, *P. pallantis*, *P. physcoa*, *P. phanias*, *P. poesia*, *P. pisonia*, *P. panyasis*, *P. piletha*, *P. prytanis*, *P. pausia*, *P. paneis*, *P. porina*, *P. proerna*, *P. phoenissa*, *P. polusca*, *P. porsenna*, *P. protogenia*, *P. prochyta*, *P. phaselis*, *P. patrobas*, *P. perperna*; South America, Mexico]
- 1862d-63a. *Illustrations... exotic butterflies...* London, John Van Voorst. 3(43): [69-70], [73-74], [85-86], pls. [35], [37], [43] ([11 September] 1862), (44): [7-8], [67-68], [97-98], pls. [4], [34], [49] ([1 December] 1862), (45): [29-30], [65-66] ([24 May 1863]), (46): [61-62], [75-78], [101-102], pls. [31], [38-39], [51] ([24 May] 1863) [general; *Dasyophthalma delanira*, *Debis marpessa*, *Euptychia nossis*, *E. nortia*, *E. itonis*, *E. furina*; Brazil, Ecuador]
- 1863b. Descriptions of two new species of diurnal Lepidoptera. *Transactions of the entomological Society of London* (3)1(6): 517-518 (8 June) [*Papilio birchallii*, *Morpho alexandra*; Colombia]
- 1863c. *Illustrations of diurnal Lepidoptera. Part I. Lycaenidae*. London, John Van Voorst. (1): 1-37 [sic], pls. 1-16 (6 July) [*Eumaeus* spp.]
- 1863d-64a. *Illustrations... exotic butterflies...* London, John Van Voorst. 3(47): [13-14], [99-100], [115-116], pls. [7], [50], [58] ([22 September] 1863), (48): [63-64], [71-72], [117-118], pls. [32], [36], [59] ([8 December] 1863), (49): [1-2], [17-18], [27-28], pls. [1], [9], [14] ([19 February 1864]), (50): [19-24], pls. [10-12] ([26 May 1864]), (51): [25-26], [33-34], [55-56], pls. [13], [17], [28] ([21 July] 1864), (52): [41-42], [87-90], pls. [21], [44-45] ([17 October] 1864) [general; *Ithomia telesilla*, *I. teresita*, *I. padilla*, *I. janarilla*, *I. polissena*, *I. agrippina*, *Lemonias aurinia*, *L. auseris*, *L. balista*, *L. cicuta*, *L. felsina*, *Corades chelonis*, *C. chirone*, *C. cistene*, *Lemonias aminias*, *L. ancile*, *L. cilissa*, *L. borsippa*, *L. cerealis*, *L. chea*, *Eresia datis*, *E. acraeina*, *E. myia*, *E. ofella*, *E. ithomioides*, *Catagramma felderi*, *C. ceryx*, *C. pasithea*, *Eresia orthia*, *E. orobia*, *E. velica*, *E. verena*, *E. ezra*, *E. simois*, *E. lernas*, *E. smerdis*, *E. ardys*, *E. abas*, *E. aceta*, *E. dicoma*, *E. anieta*, *E. gyges*, *E. otanes*, *E. acesas*; Neotropics]
- 1864b. Description of new species of diurnal Lepidoptera. *Transactions of the entomological Society of London* (3)2(3): 245-249, pls. 15-16 (28 November) [general; *Eteona eupolis*, *Eueides eurysaces*, *Dircenna dercyllidas*; Brazil, Ecuador, Colombia]
- 1865a. *Illustrations... exotic butterflies...* London, John Van Voorst. 3(53): [3-4], [31-32], [43-48], pls. [2], [16], [22-24] ([6 February]), (54): [5-6], [35-36], pls. [3], [18] ([5 April])
- 1865b. *Illustrations... Lycaenidae*. London, John Van Voorst. (2): 37-76, pls. 17-30 (24 June) [general; new taxa: genus *Trichonis*, *Theorema* (new genus) *eumenia*, *Thecla coronata*, *T. tuneta*, *T. batesii*, *T. tagyra*, *T. satyroides*, *T. temathea*, *T. phegeus*, *T. gispa*, *T. triquetra*, *T. havila*; French Guiana, Colombia, Guatemala, Brazil]
- 1865c-66a. *Illustrations... exotic butterflies...* London, John Van Voorst. 3(55): [15-16], [109-112], pls. [8], [55-56] ([17 July] 1865), (56): [37-38], [45-46], [95-96], pls. [19], [23], [48] ([12 October] 1865), (57): [49-50], [91-92], [103-104], [119-120], pls. [25], [46], [52], [60] ([6 February 1866]) [general; *Nymphidium arche*, *N. eroe*, *N. apame*, *N. mycone*, *N. mycea*, *N. omois*, *N. onoba*, *N. ninias*, *N. molela*; Brazil, French Guiana, Nicaragua, Colombia]
- 1866b. Descriptions of new Hesperidae. *Transactions of the entomological Society of London* (3)2(6): 479-501 (19 March) [general; *Pyrrhopyga azeta*, *P. ahira*, *P. zonara*, *P. oneka*, *P. aspitha*, *P. thelersa*, *P. pedaia*, *P. hadora*, *P. passova*, *P. gazera*, *P. aziza*, *P. garata*, *P. gortyna*, *P. glagala*, *P. hadassa*, *P. telassa*, *P. zereda*, *P. maculosa*, *Erycides telmela*, *E. thrasea*, *Hesperia aegita*, *H. aestria*, *H. auchora*, *H. argentea*, *H. chalestra*, *H. ceraca*, *H. ethoda*, *H. belistida*, *H. bursa*, *H. calvina*, *H. catina*, *H. cathaea*, *H. certima*, *H. colenda*, *H. crotona*, *H. coryna*, *H. litana*, *H. lutetia*, *H. opigena*, *H. ovinia*, *H. peraea*, *H. ophinsa*, *H. memuca*, *H. phaetusa*, *H. physcella*, *H. rona*, *H. amana*, *H. almoda*, *H. noseda*; Central and South America]
- 1866c. *Illustrations... exotic butterflies...* London, John Van Voorst. 3(58): [51-52], [57-58], pls. [26], [29] ([10 May]), (59): [9-10], [39-40], [93-94], pls. [5], [20], [47] ([20 August]), (60): [11-12], [53-54], [113-114] + i-iv + [121-124], pls. [6], [27], [57] ([13 October]) [general; *Charis cadmeis*, *C. coecias*, *C. cadytis*, *C. calicene*, *C. caryatis*, *C. chaonitis*, *C. chelonis*, *C. cleadas*; Brazil, Mexico]
- 1867a. *Illustrations... exotic butterflies...* London, John Van Voorst. 4(61): [83-84], [101-102], pls. [45], [54] ([22 January]) [general; *Symmachia arcuata*, *S. tigrina*, *S. calligrapha*, *S. norina*, *S. tricolor*, *S. emesia*, *S. ocellata*, *S. calliste*, *S. hetaerina*, *S. pardalis*; Brazil, Nicaragua, Venezuela]
- 1867b. *Illustrations... Lycaenidae*. London, John Van Voorst. (3): 77-114, pls. 31-46 (1 April) [general; new taxa: *Thecla laudonia*, *T. cosa*, *T. torfrida*, *T. mazurka*, *T. atesa*, *T. desdemonia*, *T. monica*, *T. undulata*, *T. auda*, *T. sala*, *T. ahola*, *T. aholiba*, *T. tema*, *T. gigantea*, *T. thara*, *T. erybathis*, *T. phydela*, *T. gibberosa*, *T. togarna*, *T. aethesa*, *T. pedusa*, *T. azaria*, *T. jada*, *T. ellida*, *T. malina*, *T. thordesa*, *T. mulucha*, *T. ira*, *T. silumena*, *T. neora*, *T. minyia*, *T. rocena*, *T. atena*, *T. sista*, *T. athymbra*, *T. malvina*, *T. janthina*, *T. myrtea*, *T. mutina*, *T. mecrida*, *T. myrtusa*, *T. malvania*, *T. metanira*, *T. avoca*, *T. falerina*, *T. olbia*, *T. o. female variety phallica*, *T. comana*, *T. thalesa*, *T. thyrea*, *T. sylea*, *T. phoenissa*, *T. elika*, *T. acamedia*, *T. orgia*, *T. spurina*, *T. orobia*, *T. orobiana*, *T. erema*, *T. hebraeus*, *T. ericeta*, *T. aphaca*, *T. daraba*, *T. ergina*, *T. faventia*, *T. empusa*, *T. stilbia*, *T. syedra*, *T. eneia*, *T. eribaea*, *T. echelta*, *T. ophelia*, *T. ostia*, *T. genena*, *T. endera*, *T. emessa*, *T. eliatha*, *T. perola*, *T. fidena*, *T. gadira*, *T. stagira*, *T. s. male variety erenea*, *T. ericusa*, *T. dinus*; Neotropics]
- 1867c. *Illustrations... exotic butterflies...* London, John Van Voorst. 4(62): [19-20], [47-48], [103-106], pls. [11], [26], [55-56] ([17 April]) [general; *Ithomia mutilla*, *I. mosella*, *I. jessica*, *I. acilla*, *I. yanetta*, *I. fenella*, *I. orestilla*, *Heterochroa ethelda*, *H. gerona*, *H. zina*, *Hesperia adela*, *H. nanea*, *H. gerasa*; Guyana, Venezuela, Brazil,



- Colombia, Ecuador]
- 1867d. *Descriptions of one hundred new species of Hesperidae*. London, John Van Voorst. 1: ii + 25 pp. (20 April) [general; *Erycides phoronis*, *E. amystis*, *E. araxes*, *Eudamus alcaeus*, *E. albofasciatus*, *E. aminias*, *E. undulatus*, *E. amisus*, *E. asine*, *E. auginus*, *E. otriades*, *E. obscurus*, *E. aziris*, *E. athesis*, *E. antaeus*, *E. asander*, *E. aurunce*, *E. naxos*, *E. elorus*, *E. bryaxis*, *E. enispe*, *E. elaites*, *E. eriopis*, *E. doriscus*, *E. etias*, *E. phasellis*, *E. pherenice*, *E. gonatas*, *E. pelignus*, *E. pausias*, *E. phasias*, *E. azines*, *E. penidas*, *E. phrynicus*, *E. phoenixe*, *E. oriander*, *E. eous*, *Hesperia eudega*, *H. aroma*, *H. braesia*, *H. cynaxa*; Mexico, Central and South America]
- 1867e. *Illustrations... exotic butterflies...* London, John Van Voorst. 4(63): [7-8], [15-16], [77-78], pls. [5], [9], [42] ([22 July]), (64): [29-30], [107-108], pls. [16-17], [57] ([20 November]) [general; *Heliconia hippola*, *H. hydara*, *H. hygiana*, *H. himera*, *Anteros axiochus*, *A. chrysoprasta*, *A. bracteata*, *Hesperia cilissa*, *H. cincia*, *H. caesena*, *H. chiomara*; Colombia, Ecuador, Brazil, Mexico]
- 1867f. Descriptions of some new species of diurnal Lepidoptera. *Transactions of the entomological Society of London* (3)5(7): 561-566 (30 December) [*Papilio xeniades*, *P. dares*, *Leptalis othoe*, *L. ithomia*, *L. avonia*, *Pieris cinerea*, *Heliconia timareta*, *Colaenis telesiphe*, *Heterochroa saundersii*, *Cyclogramma bimaculata*; Ecuador, Nicaragua, Colombia, Mexico]
- 1868a. *Illustrations... exotic butterflies...* London, John Van Voorst. 4(65): [21-22], [65-68], pls. [12], [36-37] ([25 February]) [general; *Ithomia kezia*, *I. anchiala*, *I. apuleia*, *I. espriella*, *I. estella*, *I. sylvella*, *I. zitella*, *I. adelinda*, *Pronophila phalaesia*, *P. phanaraea*, *P. philotera*, *P. phoenicusa*, *P. phyllalia*, *P. pedacia*, *P. perita*; Brazil, Ecuador, Colombia]
- 1868b. *Descriptions of one hundred new species of Hesperidae*. London, John Van Voorst. 2: 25-56 (23 March) [general; *Hesperia immaculata*, *H. marpesia*, *H. himella*, *H. artona*, *H. laurea*, *H. physcoa*, *H. fusina*, *H. palaea*, *H. heraea*, *H. utha*, *Cyclopides caicus*, *C. caenides*, *Ancyloxipha aurantiaca*, *Leucochitonea lucullea*, *L. libethra*, *L. lagia*, *L. lancea*, *L. limaea*, *L. lerina*, *L. lagina*, *L. laviana*, *L. leucola*, *L. lassia*, *L. trifasciata*, *L. lucaria*, *Pterygospidea panthea*, *P. pekahia*, *P. phagesia*, *Aethilla* (new genus) *eleusinia*, *Caecina* (new genus) *calathana*, *C. compusa*; Cuba, Central and South America]
- 1868c. *Illustrations... exotic butterflies...* London, John Van Voorst. 4(66): [31-34], [49-50], pls. [18-19], [27] ([27 May]) [general; *Acraea tenebrosa*, *A. abana*, *A. cleasa*, *A. radiata*, *Eresia elaphiaea*, *E. elada*, *E. etia*, *E. angusta*, *E. ezba*, *E. flavida*; Ecuador, Mexico, Colombia]
- 1868d. *Descriptions of some new species of Lycaenidae*. London, John Van Voorst. i + 36 pp. (1 June) [general; *Thecla thabena*, *T. temesa*, *T. talayra*, *T. terentia*, *T. tegaea*, *T. tarania*, *T. teucra*, *T. tegula*, *T. teatea*, *T. telea*, *T. ocrida*, *T. ocrisia*, *T. opalia*, *T. ophia*, *T. ornea*, *T. halala*, *T. hyccara*, *T. gargara*, *T. ledaea*, *T. gnosis*, *T. lebena*, *T. laconia*, *T. gedrosia*, *T. lemuria*, *T. orcyntia*, *T. bactriana*, *T. badaca*, *T. biblia*, *T. blenina*, *T. bebrycia*, *T. brescia*, *T. bevoea*, *T. bassania*, *T. carthaea*, *T. carpasia*, *T. carpophora*, *T. trebula*, *T. cydrara*, *T. ufentina*, *T. viceta*, *T. velina*, *T. verania*, *T. philinna*, *T. fabulla*, *T. petilla*, *T. calchinia*, *T. ceglusa*, *T. bagrada*, *T. picentia*, *T. centoripa*, *T. ecbatana*, *T. besidia*, *T. demonassa*, *T. buphonia*, *T. alda*, *T. ziba*, *T. lucena*, *T. oreala*, *T. arola*, *T. thulia*, *T. asa*, *T. socia*, *T. agra*, *T. hygela*, *T. davara*, *T. faunalia*, *T. salona*, *T. fidentia*, *T. limenia*, *T. lycimna*, *T. leucania*, *T. longula*, *T. remus*, *T. cecina*, *T. sangala*, *T. quaderna*;
- Neotropics]
- 1868e-69a. *Illustrations... exotic butterflies...* London, John Van Voorst. 4(67): [1-2], [63-64], [109-110], pls. [1], [35], [58] ([6 July 1868]), (68): [41-46], pls. [23-25] ([11 November 1868]), (69): [39-40], [61-62], [95-96], pls. [22], [34], [51] ([15 January 1869]) [general; *Papilio hellanichus*, *Catagramma xanthica*, *C. comnena*, *C. cloelia*, *C. lucrezia*, *C. nyctimene*, *C. alicia*, *C. volara*, *C. lanice*, *C. morona*, *C. lepta*, *Cybdelis calamis*, *C. cardases*, *C. cecidas*, *C. campaspe*, *Paphia artacaena*, *P. cleomestra*, *Pyrrhopyga martena*, *P. kelita*; South America]
- 1869b. Descriptions of two new species of *Papilio* from Ecuador. *Transactions of the entomological Society of London* 1869(1): 31-32 (26 April) [*P. philetas*, *P. phalaecus*]
- 1869c. Descriptions of six new species of diurnal Lepidoptera from Nicaragua. *Transactions of the entomological Society of London* 1869(1): 33-35 (26 April) [*Heliconia diotrepes*, *Eresia alsina*, *Eubagis sosthenes*, *Haetera polita*, *Mesosemia asa*, *Nymphidium onaeum*]
- 1869d. Descriptions of new species of diurnal Lepidoptera. *Transactions of the entomological Society of London* 1869(1): 71-75 (26 April) [*Leptalis carthesis*, *Catagramma aphidna*, *Heterochroa caphira*; Guyana, Venezuela]
- 1869e. *Illustrations... Lycaenidae*. London, John Van Voorst. (4): 115-136, 14a-14h, supplementary pp. 1-16, pls. 47-54, 3a-3c, supplementary pls. 1-5 (30 April) [general; new species: *Thecla aufidena*, *T. catadupa*, *T. selina*, *T. vibidia*, *T. voconia*, *T. zebina*, *T. keila*, *T. thoria*, *T. tiasa*, *T. thestia*, *T. voltinia*, *T. volana*, *T. thyesta*, *T. zigira*, *T. timaea*, *T. panchaea*, *T. villia*, *T. tympania*, *T. bethulia*, *T. zora*; Neotropics]
- 1869f. *Illustrations... exotic butterflies...* London, John Van Voorst. 4(70): [3-4], [23-24], [111-112], pls. [2], [13], [59] ([7 July]) [general; *Ithomia cleonica*, *I. gedera*, *I. azeka*, *I. zarepha*, *I. alidella*, *I. zalmunna*, *Hesperia propertius*; South America, Cuba]
- 1869g. Description of a new species of *Leptalis* (Lepidoptera Rhopalocera). *Entomologist's monthly Magazine* 6(63): 68 (August) [*L. desine*; Nicaragua]
- 1869h. Description of a new species of *Epitola* (Lycaenidae). *Entomologist's monthly Magazine* 6(64): 86 (September) [new name: *Leptalis deione*, unjustified emendation]
- 1869i. New Rhopalocera from South America. *Entomologist's monthly Magazine* 6(64): 96 (September) [general; Ecuador]
- 1869j. Descriptions of new species of Lepidoptera Rhopalocera from Old Calabar and Ecuador. *Entomologist's monthly Magazine* 6(65): 97-99 (October) [*Mechanitis mamercus*, *Ithomia varina*, *Eresia neria*, *Pronophila alusana*, *P. tena*]
- 1869k. *Illustrations... exotic butterflies...* London, John Van Voorst. 4(71): [51-52], [59-60], pls. [28-29], [33] ([1 December]), (72): [5-6], [113-114], pls. [3-4], [60] ([1 December]) [general; *Apatura laurentia*, *Leucochitonea lacaena*; Brazil, Nicaragua, Ecuador, French Guiana]
- 1869l. *Remarks on and descriptions of new species of butterflies collected by Mr. Buckley in Ecuador*. London, John Van Voorst. 1: ii + 16 pp. (2 December), 2: 17-32 (15 December), 3: 33-48 (30 December) [general; *Papilio lacydes*, *Terias ecuadora*, *Euterpe anaitis*, *E. ctemene*, *Leptalis larunda*, *L. lua*, *L. idonia*, *L. lysis*, *L. lelex*, *L. leonora*, *L. lygdamis*, *L. teresa*, *Heliconia cythera*, *H. alithea*, *H. unimaculata*, *H. hierax*, *Melinaea maeonis*, *Mechanitis mantineus*, *Athesis acrisione*, *Ithomia achaea*, *I. antonia*, *I. aemilia*, *I. aethra*, *I. phagesia*, *I. alphisiboea*, *I. aegineta*, *I. thabena*, *I. harbona*, *I. tabera*, *I. epona*, *I. antea*, *I. coenina*, *I. ticidea*, *I. ticidea*, *I. lamia*, *I. mirza*, *I. alissa*, *Eueides acacetes*, *Acraea albofasciata*, *Eresia*

- ildica*, *E. letitia*, *E. casiphia*, *E. elaea*, *E. sestia*, *E. mylitta*, *E. tissa*, *E. trimaculata*, *E. alceta*, *E. bella*, *Callithea buckleyi*, *Agrias beatifica*, *Paphia vestina*, *Morpho phanodemus*, *Narope nesope*, *Pronophila pomponia*, *P. porcia*, *P. panacea*, *Euptychia coelica*, *E. albofasciata*, *E. ashna*, *E. tiessa*, *Mesosemia marsidia*, *M. marsena*, *M. ama*, *M. adida*, *M. zorea*, *M. latifasciata*, *M. ahava*, *M. zanoa*, *M. mehida*, *M. zikla*, *M. ozora*, *M. loruhama*, *M. reba*, *Eurybia jemima*, *Cremna calitra*, *Eurygona athena*, *E. bettina*, *E. effima*, *E. onorata*, *E. issoria*, *E. praeclara*, *Necyria juturna*]
- 1870a. Descriptions of two new species of Lepidoptera Rhopalocera. *Entomologist's monthly Magazine* 6(68): 177-178 (January) [*Opsiphanes orgetorix*; Nicaragua]
- 1870b. Remarks on and descriptions of new species of butterflies collected by Mr. Buckley in Ecuador. London, John Van Voorst. 4: 49-79 + [2] (10 March) [general; *Erycina pulchra*, *E. formosa*, *E. formosissima*, *Charis victrix*, *Emesis cilix*, *Symmachia titiana*, *S. asclepia*, *S. temesa*, *Lemonias amphis*, *L. amasis*, *L. densemaculata*, *L. luceres*, *Esthemopsis colaxes*, *Chamaelimnas phoenias*, *Lucilla* (new genus) *camissa*, *Imelda* (new genus) *glaucoomia*, *Compsoteria* (new genus) *cascella*, *Threnodes* (new genus) *coenoides*, *Thecla timoclea*, *T. atymna*, *T. elongata*, *T. theia*, *T. gaina*, *T. epopea*, *T. cleocha*, *T. gabatha*, *T. trebonia*, *T. carteia*, *T. cordelia*, *T. thespia*, *T. beera*, *T. bosora*, *T. camissa*, *T. calesia*, *T. arria*, *T. oxida*, *Pyrrhopyga spatiosa*, *P. araethyrea*, *Aethilla epicra*, *A. echina*, *Hesperia theoclea*, *H. hermesia*, *H. hermoda*, *H. carmenta*, *H. albofimbriata*, *H. variegata*, *H. hesia*, *H. boeta*, *Eudamus cynapes*, *E. centrites*, *Pterygospidea truncata*, *Leucochitonea flavofasciata*, *L. thoria*, *L. thestia*, *L. laoma*, *Euterpe eurigania*, *Pieris philoma*, *Ithomia lycora*]
- 1870c. Descriptions of new species of Erycinidae, from Chontales, Nicaragua. *Entomologist's monthly Magazine* 6(70): 226-228 (March) [*Eurygona labiena*, *E. elmira*, *Symmachia leena*, *S. threissa*, *Mesene xypete*, *Limnas bryaxis*]
- 1870d. Illustrations... exotic butterflies... London, John Van Voorst. 4(73): [9-14], pls. [6-8] ([4 May]), (74): [57-58], [71-74], pls. [32], [39-40] ([8 May]) [general; *Mesosemia marsena*, *M. marsidia*, *M. reba*, *M. zorea*, *M. latifasciata*, *M. loruhama*, *M. ama*, *M. adida*, *M. mehida*, *M. zikla*, *M. ozora*; Ecuador, Colombia, Nicaragua]
- 1870e. Descriptions of twenty-two new species of Equatorial Lepidoptera. *Transactions of the entomological Society of London* 1870(2): 153-163 (16 June) [*Leptalis praxidice*, *Euterpe epimene*, *Ithomia pulcheria*, *I. praxilla*, *I. ozia*, *I. pronuba*, *Agrias zenodorus*, *Pronophila praxitheia*, *P. pelinna*, *P. phaedra*, *P. paeania*, *Lymanopoda labineta*, *L. trimaculata*, *Mesosemia mancia*, *M. mamilia*, *M. mycene*, *M. mustela*, *M. messala*, *Compsoteria callixena*, *C. celtilla*, *Emesis angularis*, *Chamaelimnas villagomes*; Ecuador]
- 1870f. Descriptions of five new species of diurnal Lepidoptera from Chontales, Nicaragua, and one from Minas Geraes. *Entomologist's monthly Magazine* 7(73): 3-6 (June) [*Necyria beltiana*, *Symmachia cleonyma*, *Aricoris cleomedes*, *Lemonias lasthenes*, *Emesis lacrines*, *Nymphidium ethelinda*]
- 1870g-71a. Illustrations... exotic butterflies... London, John Van Voorst. 4(79): [79-80], [91-94], pls. [43], [49-50] ([6 July 1870), (76): [35-38], [81-82], pls. [20-21], [44] ([11 October 1870), (77): [25-28], [53-54], pls. [14-15], [30] ([13 February 1871), (78): [17-18], [55-56], [69-70], pls. [10], [31], [38] ([20 April 1871) [general; *Hades hecamede*, *Uraneis ucubis*, *Pandemos palaeste*, *Limnas alena*, *L. passiena*, *L. cratia*, *Ithomeis eulema*, *Compsoteria cephalena*, *Eresia bella*, *Ithomia abida*; Ecuador, Brazil, Colombia, French Guiana, Nicaragua]
- 1871b. New species of diurnal Lepidoptera from South and Central America. *Transactions of the entomological Society of London* 1871(2): 165-167 (22 May) [*Heterochroa makkeda*, *H. zalmona*, *Eurygona argentea*, *Pyrrhopyga crida*, *P. eximia*; Brazil, Colombia, Nicaragua, Venezuela]
- 1871c. Illustrations... exotic butterflies... London, John Van Voorst. 4(79): [75-76], [85-88], pls. [41], [46-47] ([4 July), (80): [89-90], [97-100], pls. [48], [52-53] ([19 October] [pp. [i-iv], [115-118] for vol. 4 were published in part (83), 28 August 1872] [general; *Charis calagutis*, *C. caciparis*, *Nymphidium nealces*, *Chamaelimnas cercides*, *C. villagomes*, *Pyrrhopyga zimra*, *P. amra*; Mexico, Central and South America]
- 1872a. Illustrations... exotic butterflies... London, John Van Voorst. 5(81): [9-10], [15-18], pls. [5], [8-9] ([3 January] [general; *Heliconia chestertonii*, *Ithomia kusa*, *I. seba*, *I. egla*, *I. kena*, *I. lota*, *I. theuda*; Ecuador, Colombia]
- 1872b. [A note]. *Petites Nouvelles entomologiques* 1(53): 213 (1 June) [*Papilio pausanias* Hewitson, *P. hermolaus* Guenée]
- 1872c. Illustrations... exotic butterflies... London, John Van Voorst. 5(82): [7-8], [49-52], pls. [4], [27-28] ([28 August]), (83): [29-30], [65-66], [71-72], pls. [15], [35], [38] ([28 August]) [general; *Leptalis abilene*, *Pronophila palades*, *P. persepolis*, *P. parthyene*, *P. pasicles*, *P. pheretias*, *P. parrhoebia*, *P. philonis*, *Eresia margaretha*, *E. levina*, *E. quintilla*, *Eurygona eurysthenes*, *E. eucerus*, *E. eucrates*, *E. eurymachus*, *Necyria ingaretha*, *N. vetulonia*; Ecuador, Colombia, Nicaragua, Brazil, Guatemala]
- 1872d. Descriptions of seven new exotic Rhopalocera. *Entomologist's monthly Magazine* 9(100): 83-86 (September) [*Clyras* [sic] *translucens*, *Heliconia choarina*; Ecuador]
- 1872e-73a. Illustrations... exotic butterflies... London, John Van Voorst. 5(84): [63-64], [67-68], [101-102], pls. [34], [36], [53], ([16] October 1872), (85): [69-70], [103-106], pls. [37], [54-55] ([8 January 1873] [general; *Emesis neemias*, *E. zelotes*, *Lemonias byzeres*, *L. thara*, *L. zerna*, *Pachythone palades*, *P. philonis*, *P. pasicles*, *Cremna cebrenia*; Mexico, Central and South America]
- 1873b. Illustrations... Lycaenidae. London, John Van Voorst. (5): 137-151 [sic], pls. 55-59, supplementary pl. 6 (10 February) [general; new species: *Thecla una*, *T. zilda*, *T. adria*, *T. carnica*, *T. azia*, *T. badeta*, *T. uzza*, *T. calatia*; Mexico, Central and South America]
- 1873c. Illustrations... exotic butterflies... London, John Van Voorst. 5(86): [11-12], [45-46], [61-62], pls. [6], [24], [33] ([17 July]), (87): [1-2], [89-90], [109-110], pls. [1], [47], [57] ([5 September]), (88): [57-58], [85-86], [93-94], pls. [31], [45], [49] ([22 December]) [general; *Tithorea tamasea*, *Heliconia temerinda*, *Opsiphanes zelotes*, *Mesosemia acuta*, *M. maera*, *M. matatha*, *M. mesoba*, *M. metura*, *Eudamus zelotes*; Trinidad, Central and South America]
- 1874a. Description of a new species of *Heliconia* from Central America. *Entomologist's monthly Magazine* 10(118): 224 (March) [*H. theudela*; Panama]
- 1874b. Illustrations... exotic butterflies... London, John Van Voorst. 5(89): [37-38], [43-44], [77-78], pls. [19], [23], [41] ([15 April]), (90): [99-100], [113-116], pls. [52], [59-60] ([15 April]), (91): [41-42], pls. [21-22] (1 July) [general; *Lemonias lyncestes*, *L. charis*, *Baeotis bacaenis*, *B. barzanes*, *Mesene pyrrippe*, *M. philonis*, *M. capissene*, *Cyclopides ceracates*, *C. crithote*; Mexico, Central and South America]

- 1874c. Descriptions of new species of butterflies. *Entomologist's monthly Magazine* 11(123): 56 (August) [*Eresia eutropia*; Panama]
- 1874d. Note on Bolivian Rhopalocera. *Entomologist's monthly Magazine* 11(123): 65 (August) [general]
- 1874e. *Illustrations... exotic butterflies...* London, John Van Voorst. 5(92): [19-22], [53-56], pls. [10-11], [29-30] (1 October) [general; *Ithomia cyrcilla*, *I. cleomella*, *I. torquatilla*, *I. pupilla*, *I. chrispina*, *I. cytharista*, *I. crinippa*, *I. taliata*, *I. statilla*, *I. thira*, *I. verticilla*, *I. canilla*, *I. ellara*, *I. beronilla*, *Pronophila pasicrates*, *P. phrasicla*, *P. patizathes*, *P. paeonides*, *P. pharnaspes*, *P. pallantias*, *P. phthiotis*, *P. panthides*, *P. pandates*, *P. perisades*, *P. phammenes*, *P. pactyes*; Ecuador, Venezuela, Bolivia, Colombia, Peru]
- 1874f. Descriptions of new species of Lycaenidae from South America. *Entomologist's monthly Magazine* 11(125): 104-107 (October) [*Thecla sedecia*, *T. chonida*, *T. cyrriana*, *T. critola*, *T. mathewi*, *T. cyphara*, *T. quadrimaculata*, *Lycaena lynnessa*; Mexico, Peru, Panama, Chile]
- 1874g. *Descriptions of new species of butterflies collected by Mr. Buckley in Bolivia.* London, John Van Voorst. 22 pp. (1 November) [general; *Euterpe amastris*, *Hesperocharis agasicles*, *Terias atinas*, *Tithorea tagarma*, *Acraea byzia*, *A. corduba*, *Eresia corybassa*, *Catagramma cabirnia*, *C. cotyora*, *C. clisithera*, *Heterochroa coryneta*, *Paphia cratais*, *Narope anartes*, *Haetera ceryce*, *Corades tricordatus*, *C. callipolis*, *Lymanopoda insulsa*, *Erycina mira*, *E. miranda*, *Eurygona chirone*, *E. corduena*, *Nymphidium anthias*, *N. aenetus*, *N. cyneas*, *Lemonias curulis*, *L. antanitis*, *Hermathena* (new genus) *candidata*, *Symphachia chrysame*, *Baeotis felix*, *B. creusis*, *Xynias* (new genus) *cynosema*, *Limnas cercopes*, *L. aegates*, *L. ambryllis*, *Thecla circinata*, *T. crambusa*, *Pyrrhopyga cosinga*, *P. phylleia*, *Ericides charonotis*, *Eudamus barisses*, *Syrichthus bocchoris*]
- 1874h. *Illustrations... Lycaenidae.* London, John Van Voorst. (6): 151-185 [sic], pls. 60-73 (1 December) [general; new species: *Thecla cardus*, *T. seudiga*, *T. azuba*, *T. crethona*, *T. coronta*, *T. crossoea*, *T. cydia*, *T. cybira*, *T. angelia*, *T. argona*, *T. appula*, *T. carteia*, *T. aepea*, *T. anthracia*, *T. aunia*, *T. pactya*, *T. fidelia*, *T. endela*, *T. peona*, *T. parasia*, *T. elana*, *T. selika*, *T. hena*, *T. ela*, *T. thoana*, *T. arindela*, *T. clarina*, *T. pathenia*, *T. corolena*, *T. sycena*, *T. tarena*, *T. volupia*, *T. lemona*, *T. casmilla*, *T. arza*, *T. doryasa*, *T. celona*, *T. dicaea*, *T. demea*, *T. deniva*, *T. lehytha*, *T. lorina*, *T. ligurina*, *T. celelata*, *T. catrea*, *T. orcidia*, *T. orcilla*, *T. myrsina*; Neotropics]
- 1875a. *Illustrations... exotic butterflies...* London, John Van Voorst. 5(93): [3-4], [83-84], [91-92], pls. [2], [44], [48] (1 January) [general; *Papilio bimaculatus*, *Limnas opites*, *Panara soana*, *P. sicora*, *Erycides oreides*, *Pyrrhopyga periphema*, *P. rhacia*; Ecuador, Peru, Bolivia, Brazil, Nicaragua]
- 1875b. Descriptions of six new species of butterflies from South America, West Africa and Borneo. *Entomologist's monthly Magazine* 11(127): 182-184 (January) [*Heliconia longarena*, *H. gynaesia*; Colombia]
- 1875c. *Illustrations... exotic butterflies...* London, John Van Voorst. 5(94): [27-28], [75-76], [79-80], pls. [14], [40], [42] ([5 May]) [general; *Lemonias laobotas*, *L. lencates*, *Baeotis barissus*, *B. barce*, *Calydna cephisca*, *C. catiena*; Panama, Bolivia, Mexico, Brazil]
- 1875d. Descriptions of three new butterflies. *Entomologist's monthly Magazine* 12(133): 9-10 (June) [*Leptalis medorina*, *L. hippos*; Bolivia, Ecuador]
- 1875e. *Illustrations... exotic butterflies...* London, John Van Voorst. 5(95): [13-14], [33-34], [111-112], pls. [7], [17], [58] ([7 July]), (96): [73-74], [95-98], pls. [39], [50-51] ([25 October]) [general; *Heliconia hewitsoni*, *Leucochitonea latrea*, *L. locutia*, *Necyria zaneta*, *Anteros kupris*, *Esthemopsis carnutes*, *Charis clusia*; Central and South America]
- 1875f. Notes on butterflies from Bolivia, with descriptions of two new species. *Entomologist's monthly Magazine* 12(139): 153 (December) [*Papilio xynias*, *Prepona xenagoras*]
- 1876a. *Illustrations... exotic butterflies...* London, John Van Voorst. 5(97): [23-24], [31-32], [35-36], pls. [12], [16], [18] ([16 February]) [general; *Ithomia zurippa*, *I. dispaena*, *I. catilla*, *I. didymaea*, *I. dolabella*, *I. cantobrica*, *I. philetaera*, *Catagramma camelita*, *Prepona praeneste* variety *buckleyana*; Bolivia, Ecuador]
- 1876b. Descriptions of four new South American Hesperidae. *Entomologist's monthly Magazine* 12(143): 250-251 (April) [*Erycides gaudialis*, *E. tenebricosa*, *E. teutas*, *Pyrrhopyga agenorica*; Panama, Peru, Brazil]
- 1876c. *Illustrations... exotic butterflies...* London, John Van Voorst. 5(98): [39-40], [81-82], [107-108], pls. [20], [43], [56] ([1 May]), (99): [25-26], [87-88], pls. [13], [46] ([3 July]) [general; *Mesosemia amona*, *Aricoris alcmaeon*, *Symphachia aconia*, *Amarynthos bocchoris*, *Lemonias axenus*, *Limnas andania*, *L. aulonia*, *Esthemopsis aeniacus*, *Hesperia phaetusa*, *Ithomia cleobulina*, *I. osuna*, *I. clausina*, *I. arzalia*, *I. domiduca*, *I. mantura*, *I. deronda*; Bolivia, Ecuador, Brazil, Colombia]
- 1876d. Description of twenty new species of Hesperidae. *Annals and Magazine of natural History* (4)18(107): 347-355 (1 November) [general; *Eudamus astrapaesus*, *E. nicephorus*, *E. phraxanor*, *E. mephitis*, *E. ridens*, *E. aegiochus*, *E. oenander*, *E. meretrix*, *E. cephisus*, *E. lebbaeus*, *E. praestes*, *E. litanicus*, *E. laogonus*, *E. marpesus*; Panama, South America]
- 1876e. Descriptions of twenty-five new species of Hesperidae from his own collection. *Annals and Magazine of natural History* (4)18(108): 449-457 (1 December) [general; *Hesperia crataea*, *H. decinea*, *H. sicania*, *H. cydia*, *H. dimassa*, *H. mammaea*, *H. papaea*, *H. lamponia*, *H. locutia*, *H. cynea*; Brazil, Venezuela]
- 1877a. Descriptions of twenty-five new species of Hesperidae. *Annals and Magazine of natural History* (4)19(109): 76-85 (1 January) [general; *Hesperia fiscella*, *H. zimra*, *H. oropa*, *H. goza*, *H. fibrena*, *H. luda*, *H. fidicula*, *H. fufidia*, *H. lota*, *H. meda*, *H. uza*, *H. eglia*, *H. kora*, *H. midia*, *H. hazarma*, *H. optata*, *H. onasima*; Brazil, Venezuela, Panama, Costa Rica]
- 1877b. *Illustrations... Lycaenidae.* London, John Van Voorst. (7): 185-209 [sic], pls. 74-83 (January) [general; new species: *Thecla ceromia*, *T. galliena*, *T. collucia*, *T. calena*, *T. canacha*, *T. caulonia*, *T. cissusa*, *T. thama*, *T. cinniana*, *T. gargophia*, *T. vibulena*, *T. anthora*, *T. cerata*, *T. aruma*, *T. renarius*, *T. xeneta*, *T. vitruvia*, *T. capeta*, *T. autoclea*, *T. bellera*, *T. bactra*, *T. amplia*, *T. cabiria*, *T. rufo-fusca*, *T. gizela*, *T. elsa*, *T. geba*, *T. petelina*, *T. dodava*, *T. orsina*, *T. melba*, *T. chloris*, *T. facuna*, *T. goleta*, *T. sapota*, *T. ligia*, *T. nipona*, *T. legota*, *T. socigena*, *T. scoteia*, *T. partunda*, *T. muatta*, *T. strenua*, *T. suada*, *T. tadita*, *T. argiva*, *T. argerona*; Mexico, Central and South America]
- 1877c. *Illustrations... exotic butterflies...* London, John Van Voorst. 5(100): [5-6], [47-48], [59-60] + [i-iv] + [117-121] + [1] + [5] pp., pls. [3], [25-26], [32] ([22 February]) [general; *Pavonia seleucida*, *P. zolvizora*; Bolivia]
- 1877d. *Equatorial Lepidoptera collected by Mr. Buckley.* London, John Van Voorst. 5: 81-96 (11 April) [general; new taxa:

- Leptalis medorilla*, *L. ela*, *Athesis oligyrtis*, *Ithomia melanoptera*, *I. inelegans*, *I. cruxifera*, *I. larilla*, *I. perasippa*, *I. scantilla*, *I. sulmona*, *I. suesa*, *I. granica*, *I. mira*, *I. hara*, *Acraea ara*, *Argynnis sunides*, *Catagramma hazarma*, *Pronophila phanoclea*, *P. phintia*, *P. praxia*, *Zabirnia* (new genus) *zigomala*, *Mesosemia tenebricosa*, *M. bifasciata*, *Erycina sepira*, *Lucilla suberra*, *Symmachia suevia*, *Charis subota*, *Emesis sinuatus*, *Metacharis syloes*, *Threnodes trochois*]
- 1877e. Descriptions of twenty-three new species of Hesperidae from his own collection. *Annals and Magazine of natural History* (4)20(118): 319-328 (1 October) [general; *Myscelus orthrus*, *M. typhaon*, *Eudamus helixus*, *E. halesius*, *Pterygospidea shema*, *Ancistrocampta suthina*, *Phareas berytus*, *Cyclopides eburones*, *C. ligilla*, *C. eryonas*, *C. evages*, *C. oxaites*, *C. diraspes*, *C. orsines*, *C. calaon*, *C. dardaris*; Panama, Mexico, South America]
- 1878a. Description of a new *Leptalis* from Ecuador. *Entomologists' monthly Magazine* 14(164): 180-181 (January) [*L. mirandola*]
- 1878b. Description of four new species of *Pronophila*. *Entomologists' monthly Magazine* 14(166): 227-228 (March) [*P. orsedice*, *P. pelinaea*, *P. palaepolis*, *P. palades*; Ecuador, Bolivia]
- 1878c. Descriptions of twenty new species of Hesperidae from his own collection. *Annals and Magazine of natural History* (5)1(4): 340-348 (1 April) [general; *Pterygospidea sephara*, *Syrichthus cenchreus*, *Arteurotia cambyses*, *A. castolus*, *A. celendris*; Brazil, Bolivia]
- 1878d. *Illustrations... Lycaenidae*. London, John Van Voorst. (8): 209-228, supplementary pp. 17-35 [sic], 35-47, pls. 84-85, 88-92, supplementary pls. 1a-1b, 3a-3b, 4a, 5a-5b, 7-8 (November) [pls. 86-87 were never published] [general; new species: *Thecla teresina*, *T. feretria*, *T. zava*, *T. duma*, *T. tera*, *T. munatia*, *T. mirma*, *T. mishma*; Panama, Colombia, Guatemala, Ecuador]
- 1878e. Descriptions of six new butterflies. *Entomologists' monthly Magazine* 15(174): 151-153 (December) [with notes by W. F. Kirby, including the new name *Ithomia lerida*] [*Eurema charon*, *Leucochitonea lathaea*, *L. lyrcaea*, *L. earina*, *L. elelea*, *L. falisca*; Ecuador, Bolivia, Brazil, French Guiana]
- Hewitt, Godfrey M.**  
1985. See Barton, N. H. & G. M. Hewitt, 1985.
- Heyden, Doris, and Carolyn Baus**  
1991. Los insectos en el arte prehispánico. *Artes de México* 11: 24-37, figs. [Ed. 2, 1997] [general; ethnoentomology; Mexico]
- Heynderickx, Jozef**  
2004. Reflexions sur le mimétisme. *Lambillionea* 104(4): 709-712, 5 figs. (December) [general]
- Hiam, Alexander W.**  
1982. Airborne models and flying mimics. *Natural History* (New York) 91(4): 42-49, figs. (April) [*Heliconius melpomene* (Linnaeus), *H. erato* (Linnaeus); mimicry; evolution]
- Hicken, Cristóbal María** [1875-1933]  
1928. La planta cruel "El tasi" (*Araujoa sericifera* Brot.). *Darwiniana* (Buenos Aires) 2(1): 24-29 (1 January) [general; Argentina]
- Hickin, Norman Ernest** [1910-1990]  
1979. *Animal life of the Galapagos. An illustrated guide for visitors*. London, Ferendune Books. 236 pp., figs. [general]
- Hicks, John Brindley** [1893-1934]  
1925. *Calycopis cinniana* in Trinidad. *Entomologist* 58(748): 226 (September)
- Hidaka, Toshitaka**  
1999. See Morinaka, S. et al., 1999.
- Hidalgo, Gustavo**  
1936. See Pando, N. de et al., 1936.
- Hidalgo, Marta Milagros**  
2000. See Rodríguez, R. et al., 2000.  
2002. See Reyes, E. E. et al., 2002.  
2007. See Rodríguez, R. et al., 2007.  
2009. See Mestre, N. et al., 2009.
- Hidalgo, Marta Milagros, Ada Chamizo and Vicente Berovides**  
2008. Estado de la conservación de especies de los grandes grupos de invertebrados terrestres cubanos (insectos, arácnidos y moluscos). *Mesoamericana* 12(2): 39-45, 4 tabs. (October) [general]
- Hidalgo, Marta Milagros, Elba Esther Reyes, Nereida Mestre, Ileana Fernández, Rosanna Rodríguez, Dely Rodríguez, Julio Antonio Genaro and Jorge Luis Fontenla**  
2004. Tipos de Insecta depositados en el Instituto de Ecología y Sistemática, Cuba. *Poeyana* 488: 15-32 (23 July) [general]
- Hietz, Peter**  
2011. See Laurance, W. F. et al., 2011.
- Higgins, Barbara Fernandes**  
2011. See Diniz, I. R. et al., 2011.
- Higgins, Henry Hugh** [1814-1893]  
1874. Synopsis of an arrangement of invertebrate animals in the Free Public Museum of Liverpool; with introduction. *Proceedings of the literary and philosophical Society of Liverpool* 28 (appendix): xx + 104 pp., 1 pl. [general; Neotropics]  
1887. *Notes by a field-naturalist in the Western tropics. From a journal kept on board the royal mersey steam yacht "Argo"*. Liverpool, Edward Howell. [vi] + 205 pp., 19 pls. [general; Antilles, Venezuela]
- Higgins, Lionel George** [1891-1985]  
1959. Four new Melitaeine genera (Nymphalidae). *Lepidopterists' News* 12(5/6): 161-164, 5 figs. (30 April) [*Texola*, *Atlantea*, *Fulvia*, *Antillea*; West Indies, Peru, Ecuador]  
1960. A revision of the Melitaeine genus *Chlosyne* and allied species (Lepidoptera: Nymphalidae). *Transactions of the royal entomological Society of London* 112(14): 381-467, 134 figs. (31 December) [general; new taxa: *C. hippodrome* form *fabricii*, *C. lacinia flavida*, *C. endeis* form *pardelina*, genus *Dymasia*; Neotropics]  
1971. See Riley, N. D. & L. G. Higgins, 1971.  
1981. A revision of *Phyciodes* Hübner and related genera, with a review of the classification of the Melitaeinae (Lepidoptera: Nymphalidae). *Bulletin of the british Museum (Natural History) (Entomology)* 43(3): 77-243, 490 figs. (29 October) [general; new taxa: Phyciodini (new tribe), *Phystis*, *Anthanassa annulata*, *Dagon*, *Telenassa*, *Ortilia* (new genus) *gentina*, *Tisona* (new genus) *saladillensis clarior*, *Tegosa* (new genus) *similis*, *T. infrequens*, *T. anieta luka*, *T. a. serpia*, *Eresia melaina*, *E. anomala*, *Castilia*, *Janatella*, *Mazia*, *Gnathotrusia*; Neotropics]
- Highton, Alan**  
2013. See Nakahara, S. et al., 2013.
- Higuera, Mónica**  
2007. See Quintero, I. et al., 2007.
- Higuera, Mónica, and Mónica Ospina**  
2009. *Insectos*, pp. 117-141, 17 figs., 9 tabs. In: Villarreal, H., M. Álvarez, M. Higuera, J. Aldana, J. D. Bogotá, F. A. Villa, P. von Hildebrandt, A. Prieto, J. A. Maldonado, A. M. Umaña, S. Sierra & F. Forero (Eds.), *Caracterización de*

la biodiversidad de la selva de Matavén. Bogotá, Instituto de Investigaciób de Recursos Biológicos Alexander von Humboldt. (October) [general; Colombia]

**Hiki, Anna-Laetitia**

2009. See Eberhard, S. H. et al., 2009.

2009. See Krenn, H. W. et al., 2009.

**Hiki, Anna-Laetitia, and Harald Wolfgang Krenn**

2011. Pollen processing behavior of *Heliconius* butterflies: A derived grooming behavior. *Journal of Insect Science* 11(99): 1-13, 6 figs., 1 tab., 1 video (9 August) [general; Costa Rica]

**Hiki, Anna-Laetitia, Harald Wolfgang Krenn and Stefan H. Eberhard**

2008. *Motion analysis of butterflies: A method to investigate the evolutionary origin of the unique pollen feeding behaviour of Heliconius butterflies (Nymphalidae)*, p. 234. In: Spink, A. J., M. R. Ballintjin, N. D. Bogers, F. Grieco, L. W. S. Loijens, L. P. J. J. Noldus, G. Smit & P. H. Zimmerman (Eds.), *Proceedings of Measuring Behavior 2008*. Wageningen, Noldus Information Technology. [general; Costa Rica]

**Hilburn, Daniel J.**

1988. Bermuda's Monarchs. *Danaus* 2: 2-4 (September) [*Danaus plexippus* (Linnaeus); ecology; behavior]

1989. A non-migratory, non-diapausing population of the monarch butterfly, *Danas* [sic] *plexippus* (Lepidoptera: Danaidae), in Bermuda. *Florida Entomologist* 72(3): 494-499, 1 fig., 2 tabs. (15 September)

1991. See Ferguson, A. D. C. et al., 1991.

**Hildebrand, John**

2004. See Eisner, T. et al., 2004.

**Hilje, Luko**

1985. Insectos visitantes y eficiencia reproductiva de *Lantana camara* L. (Verbenaceae). *Brenesia* (San José) 23: 293-300, 1 fig., 2 tabs. (November) [*Anartia fatima* (Fabricius), *Dryas iulia* (Fabricius), *Urbanus proteus* (Linnaeus), *Urbanus* sp.; Costa Rica]

2013. Los primeros exploradores de la entomofauna costarricense. *Brenesia* (San José) 80: 65-88, 12 figs., 5 tabs. ("March", September) [general; history; Costa Rica]

**Hill, Dennis S.** [1934- ]

1975. *Agricultural insect pests of the tropics and their control*. Cambridge, Cambridge University Press. [xii] + 516 pp., figs. (Ed. 2, 1982) [*Tmolus echion* (Linnaeus); host plant; Central and South America]

**Hill, Geoffrey E.**

2017. See Cuthill, I. C. et al., 2017.

**Hill, Jane K., and Keith C. Hamer**

2004. Determining impacts of habitat modification on diversity of tropical forest fauna: the importance of spatial scale. *Journal of applied Ecology* 41(4): 744-754, 2 tabs. (August; published online 19 July) [general]

**Hill, Jason Anthony**

2018. See Nallu, S. et al., 2018.

**Hill, Jason Anthony, Pasi M. Rastas, Emily A. Hornett, Ramprasad Neethiraj, Nathan L. Clark, Nathan I. Morehouse, María de la Paz Celorio-Mancera, Jofre Carnicer Cols, Heinrich Dirksen, Camille Meslin, Naomi Keehnen, Peter Pruißscher, Kristin Sikkink, María Vives, Heiko Vogel, Christer Wiklund, Alyssa Woronik, Carol L. Boggs, Sören Nylin and Christopher West Wheat**

2019. Unprecedented reorganization of holocentric chromosomes provides insights into the enigma of lepidopteran chromosome evolution. *Science Advances* 5(6)(eaau3648): 1-12, 5 figs. (12 June) [general]

**Hill, M. P.**

2010. See Baars, J.-R. & M. P. Hill, 2010.

**Hill, Ryan I.**

2003. Notes on the life history of *Asterope markii* (Nymphalidae). *Journal of the Lepidopterists' Society* 57(1): 68-71, 3 figs., 1 tab. (9 May) [host plant; behavior; Ecuador]

2006. Life history and biology of *Forbestra olivencia* (Bates, 1862) (Nymphalidae, Ithomiinae). *Journal of the Lepidopterists' Society* 60(4): 203-210, 3 figs. (14 December) [egg, larva, pupa, imago; host plant; Ecuador]

2007. See Elias, M. et al., 2007.

2009a. See Greeney, H. F. et al., 2009b.

2009b. See Chamberlain, N. L. et al., 2009.

2010a. See Dasmahapatra, K. K. et al., 2010a.

2010b. Habitat segregation among mimetic ithomiine butterflies (Nymphalidae). *Evolutionary Ecology* 24(2): 273-285, 3 figs., 2 tabs. (March: published online 17 May 2009) [general; Ecuador]

2010c. See DeVries, P. J. et al., 2010.

2011. See Chamberlain, N. L. et al., 2011.

2012. See Martin, A. et al., 2012.

2014. See Chazot, N. et al., 2014.

2015. See Ebel, E. R. et al., 2015.

2017a. See Rush, C. E. & R. I. Hill, 2017.

2017b. See Moya, R. S. de et al., 2017.

2018a. See Finkbeiner, S. D. et al., 2018.

2018b. See Westerman, E. L. et al., 2018.

2019. See Torres, K. P. et al., 2019.

**Hill, Ryan I., Marianne Elias, Kanchon Kumar Dasmahapatra, Christopher David Jiggins, Victor Koong, Keith Richard Willmott and James Louis Borlase Mallet**

2012. Ecologically relevant cryptic species in the highly polymorphic Amazonian butterfly *Mechanitis mazaesus s.l.* (Lepidoptera: Nymphalidae; Ithomiini). *Biological Journal of the Linnean Society* 106(3): 540-560, 7 figs., 5 tabs. (July; published online 13 June) [South America]

**Hill, Ryan I., Lawrence Edmund Gilbert and Marcus R. Kronforst**

2013. Cryptic genetic and wing pattern diversity in a mimetic *Heliconius* butterfly. *Molecular Ecology* 22(10): 2760-2770, 4 figs., 3 tabs. (May; published online 26 March) [*H. erato* (Linnaeus); Central and South America]

**Hill, Ryan I., and Sean P. Mullen**

2019. Adult feeding as a potential mechanism for unprofitability in Neotropical *Adelpha* (Limenitidini, Limenitidinae, Nymphalidae). *Journal of the Lepidopterists' Society* 73(1): 66-69, 1 fig. (14 March) [general; behavior; Costa Rica]

**Hill, Ryan I., Carla Maria Penz and Philip James DeVries**

2002. Phylogenetic analysis and review of *Panacea* and *Batesia* butterflies (Nymphalidae). *Journal of the Lepidopterists' Society* 56(4): 199-215, 14 figs., 2 tabs. (9 December) [general; morphology; Central and South America]

**Hill, Ryan I., and Luis A. Tipan**

2008. Description of the immature stages of *Methona confusa* Butler, 1873 and *Methona curvifascia* Weyermer, 1883 (Nymphalidae, Ithomiinae) from Eastern Ecuador. *Journal of the Lepidopterists' Society* 62(2): 89-98, 4 figs. (25 August) [eggs, larvae, pupae; host plant]

**Hill, Ryan I., and Jarol Fernando Vaca**

2004. Differential wing strength in *Pierella* butterflies (Nymphalidae, Satyrinae) supports the deflection hypothesis. *Biotropica* 36(3): 362-370, 3 figs., 1 tab. (September) [*P. astyoche* (Erichson), *P. lena* (Linnaeus), *P. lamia* (Sulzer); Ecuador]

**Hillis, David M.**

1992. See Lee, C. S. et al., 1992.
- Hillstrom, Judith**  
1982. *Tithonia* and the monarchs. *The Minnesota Horticulturist* 110(7): 216-217, 1 fig. (August-September) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Hilt, Nadine**  
2008. See Fiedler, K. et al., 2008.
- Hiltbrand, Roger**  
2006. See Attal, S. et al., 2006.  
2009. See Attal, S. & R. Hiltbrand, 2009.  
2016. See Attal, S. et al., 2016.  
2018. See Attal, S. & R. Hiltbrand, 2018.
- Hincapié, Eduwin Antonio**  
2014. See Urbano, P. M. et al., 2014.
- Hind, Katharine**  
2012. See Smith, M. A. et al., 2012.
- Hines, Heather M.**  
2010. See Counterman, B. A. et al., 2010.  
2011. See Reed, R. D. et al., 2011.  
2012. See Dasmahapatra, K. K. et al., 2012.  
2013. See Supple, M. A. et al., 2013.  
2015. See Supple, M. A. et al., 2015.  
2016. See Nadeau, N. J. et al., 2016.  
2017a. See Van Belleghem, S. M. et al., 2017.  
2017b. Darwin's man in Brazil: The evolving science of Fritz Müller. David A. West. 2016. *American Entomologist* 63(1): 60, 1 fig. (9 March) [general; book review]
- Hines, Heather M., Brian A. Counterman, Riccardo Papa, Priscila Albuquerque de Moura, Márcio Zikán Cardoso, Mauricio Linares, James Louis Borlase Mallet, Robert D. Reed, Christopher David Jiggins, Marcus R. Kronforst and William Owen McMillan**  
2011. Wing patterning gene redefines the mimetic history of *Heliconius* butterflies. *Proceedings of the national Academy of Sciences of the United States of America* 108(49): 19666-19671, 3 figs., 1 tab. (6 December; published online 14 November) [general; Central and South America]
- Hines, Heather M., Riccardo Papa, Mayté Ruiz, Alexie Papanicolaou, Charles Wang, H. Frederik Nijhout, William Owen McMillan and Robert D. Reed**  
2012. Transcriptome analysis reveals novel patterning and pigmentation genes underlying *Heliconius* butterfly wing pattern variation. *BMC Genomics* 13(288): 1-16, 6 figs., 2 tabs. (29 June) [*H. erato* (Linnaeus)]
- Hingston, Richard William George** [1887-1966]  
1932. *A naturalist in the Guiana forest*. New York, Longmans, Green & Co.; London, Edward Arnold & Co. xv + 348 pp., 16 pls., 150 figs., 1 map [general; mimicry; Guyana]  
1933. *The meaning of animal colour and adornment. Being a new explanation of the colours, adornments and courtships of animals, their songs, moults, extravagant weapons, the differences between their sexes, the manner of formation of their geographical varieties and other allied problems*. London, Edward Arnold & Co. 411 pp., 40 figs. [general]
- Hinks, Arthur Robert** [1873-1945]  
1918. See Holdich, T. H. & A. R. Hinks, 1918.
- Hinton, Howard Everett** [1912-1977]  
1951. Myrmecophilous Lycaenidae and other Lepidoptera - a summary. *Proceedings of the South London entomological & natural History Society* 1949-50: 111-175, 9 figs. (April) [general; Neotropics]  
1955. Protective devices of endopterygote pupae. *Transactions of the Society for british Entomology* 12(2): 49-92, 23 figs. (15 November) [general]
1972. See Ghiradella, H. T. et al., 1972.  
1973. Some recent work on the colours of insects and their likely significance. *Proceedings and Transactions of the british entomological and natural History Society* 6(2): 43-54, pls. 3-9 (August) [*Eurema, Morpho*]  
1976. *Recent work on physical colours of insect cuticle*, pp. 475-496, 5 figs. In: Hepburn, H. R. (Ed.), *The Insect Integument*. Amsterdam, Elsevier [*Eurema, Morpho*]
- Hirata, Kunio, and Nobumitso Ohsako**  
1966. Studies on the structure of scales and hairs of insects. IV. Microstructure of scales of the butterfly, *Morpho menelaus nakaharai* Le Moul't. *Science Reports of Kagoshima University* 15: 49-61, 3 pls., 3 figs. (July) [Brazil]
- Hirata, Masashi, and Takashi Miyagawa**  
2004. A new subspecies of *Agrias aedon* Hewitson (Lepidoptera, Nymphalidae) from Costa Rica. *Transactions of the lepidopterological Society of Japan* 55(4): 256-260, 8 figs. (30 September) [*A. a. toyoda*]
- Hirsch, Elliot**  
2018. See Livshultz, T. et al., 2018.
- Hirt, Otto**  
1910. Die Dufteinrichtungen der Neotropiden. *Zoologische Jahrbücher (Anatomie)* 30(4): 603-658, pls. 35-38, figs. A-U (26 November) [general]
- Hiura, Isamu** [1932-1983]  
1966. Swallowtails of the world (3). Some trends of evolution in the Papilionidae. [In Japanese]. *The Nature and Insects* 1(3): 2-7, 2 pls., 7 figs., 2 tabs. (June) [general]  
1979. An outline of the genus *Pieris*. [In Japanese]. *Acta rhopalocerologica* 3: 1-71, figs. [general]  
1983. [Problems on the speciation of *Hypolimnas bolina* (Nymphalidae)]. [In Japanese]. *Chō Chō* 6(1): 2-36, 8 pls., 27 figs. (January) [*H. misippus* (Linnaeus); distribution]
- Hoag, M. E.**  
1903. Collecting in Mexico. *Entomological News* 14(10): 319-322 ([1] December) [general]
- Hoang, Cindy**  
2019. See Cariveau, A. B. et al., 2019.
- Hobby, Bertram Maurice** [?-1983]  
1945. See Carpenter, G. D. H. & B. M. Hobby, 1945.
- Hobson, Keith A.**  
1998. See Wassenaar, L. I. & K. A. Hobson, 1998.  
2004a. See Rubenstein, D. R. & K. A. Hobson, 2004.  
2004b. See Dockx, C. et al., 2004.  
2015. See Altizer, S. M. et al., 2015.  
2017a. See Flockhart, D. T. T. et al., 2017a.  
2017b. See Flockhart, D. T. T. et al., 2017b.  
2019. See Mora, B. X. et al., 2019.
- Hobson, Keith A., Leonard I. Wassenaar and Orley Robert Taylor, Jr.**  
1999. Stable isotopes (D and <sup>13</sup>C) are geographic indicators of natal origins of monarch butterflies in eastern North America. *Oecologia* 120(3): 397-404, 4 figs., 2 tabs. (August) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Hoch, Hannelore**  
2011a. Blue in blue – the physical basis of the heavenly colour in heavenly insects. *Deutsche entomologische Zeitschrift* 58(1): 165, 1 fig. [*Morpho*; morphology; book review]  
2011b. High tech in small structures. *Deutsche entomologische Zeitschrift* 58(1): 171-172, 2 figs. [general; morphology; book review]  
2011c. Tropical delights. *Deutsche entomologische Zeitschrift* 58(1): 175, 1 fig. [general; book review]  
2011d. An entomological treasure chest. *Deutsche entomologische Zeitschrift* 58(1): 179, 1 fig. [general;

South America; book review]

**Hochleitner, C.**

1957. See Herrera, J. V. et al., 1957.

**Hodges, Margaret**

1993. An unusual butterfly. *Jamaica Naturalist* 3: 25, 1 fig. (December) [*Hypolimnas misippus* (Linnaeus); Jamaica]

**Hodgson, C. J.**

2006. See Causton, C. E. et al., 2006.

**Høegh-Guldberg, Ove** [1905-1988]

1984. Butterflies and moths at sea. *Nota lepidopterologica* 7(1): 51-54, 1 pl. (31 March) [*Aglaia urticae* (Linnaeus); Brazil]

**Höhna, Sebastian**

2019. See Catalán, A. et al., 2019.

**Hoekstra, Hopi E.**

2012. See Kronforst, M. R. et al., 2012.

2016. See Mallet, J. L. B. & H. E. Hoekstra, 2016.

**Hölldobler, Bert**

1996. See Fiedler, K. et al., 1996.

**Hölscher, Hendrik**

2013. See Siddique, R. S. et al., 2013.

2015. See Siddique, R. H. et al., 2015.

**Hofberger, Johannes A.**

2015. See Edger, P. P. et al., 2015.

**Hoff, Katharina J.**

2012. See Dasmahapatra, K. K. et al., 2012.

**Hoffman, Don**

1989. *Wanderer. The Monarch Butterfly*. Morro Bay, California, Natural History Association of San Luis Obispo Coast, Inc. 30 pp., figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]

**Hoffman, Joseph Ivan**

2010a. See Dasmahapatra, K. K. et al., 2010a.

**Hoffmann, Anita (Ana Esther)** [1919-2007]

1981. See Barrera, A. & A. Hoffmann, 1981.

**Hoffmann, Anita, María Guadalupe López-Campos and Ignacio M. Vásquez-Rojas**

2004. *Los artrópodos de las cavernas de México*, pp. 229-326, 30 figs., 4 tabs. In: Llorente, J. E., J. J. Morrone, O. Yáñez & I. Vargas (Eds.), *Biodiversidad, Taxonomía y Biogeografía de Artrópodos de México: Hacia una síntesis de su conocimiento. Volumen IV*. México, Universidad Nacional Autónoma de México. (July) [*Cyllopsis henschawi hoffmanni* Miller]

**Hoffmann, Carlos Christian** [1876-1942]

1910a. Humboldt's Nachrichten über die in Mexiko einheimischen seidenspinnenden Raupen, unter specieller Bearbeitung des von ihm erwähnten Madroño-Falters - *Eucheira socialis* Westw. *Humboldts-Festschrift* (México), pp. 147-173, 1 pl., 16 figs. [also in *Fauna exotica* 1(12): 47-48, 1 fig. (13 January), (13): 51-52, 2 figs. (27 January), (14): 56 (10 February), (15): 58-59 (24 February), (16): 62-64, 5 figs. (9 March), (17): 65-66, 7 figs. (19 March); 2(1): 2-4, 2 figs. (13 April); 1912] [host plants; egg, larva, pupa, imago; behavior; morphology]

1910b. Noticias de Humboldt acerca de los gusanos de seda indígenas de México. *Humboldts-Festschrift* (México), pp. 133-158, 16 figs. [host plants; egg, larva, pupa, imago; behavior; morphology]

1918. Las mariposas entre los antiguos mexicanos. *Cosmos* (México) 1(18): [4] pp., 7 figs. [general; ethnology]

1922. Restos de una antigua fauna del Norte entre los lepidópteros mexicanos. *Revista mexicana de Biología* 3(1): 1-23, 3 pls., 3 figs. (October) [general; biogeography]

1923. Manual para el estudio y la recolección de lepidópteros en México. *Memorias y Revista de la Sociedad científica "Antonio Alzate"* (México) 41(10/12): 441-525, pls. 88-103,

44 figs. (December) [general]

1924. Lepidópteros nuevos de México. *Revista mexicana de Biología* 4(3): 69-73, 4 figs. (February) [*Danais berenice* variety *esperanza*, *Melinaea imitata flavicans*]

1930. *Como se recolectan y se preparan las mariposas*. México, Universidad Nacional, Instituto de Biología. 22 pp., 14 figs. [general; Mexico]

1932a. Las mariposas entre los antiguos mexicanos. *Anales del Museo nacional de Arqueología, de Historia y Etnografía* (México) (4)7(2): 422-425, 7 figs. [general; ethnology]

1932b. Roberto Mueller y su importancia en el conocimiento de los lepidópteros de México. In Memoriam. *Anales del Instituto de Biología. Universidad nacional de México* 3(2): 133-148, 1 pl. [general]

1933. La fauna de lepidópteros del distrito del Soconusco (Chiapas). Un estudio zoogeográfico. *Anales del Instituto de Biología. Universidad nacional de México* 4(3/4): 207-307, tabs., 1 map [general; Mexico]

1936a. Relaciones zoogeográficas de los lepidópteros mexicanos. *Anales del Instituto de Biología. Universidad nacional de México* 7(1): 47-58 [general]

1936b. Contribuciones al conocimiento de la fauna de Actopán, Hgo. I. Algunas observaciones sobre la fauna de lepidópteros en la época seca. *Anales del Instituto de Biología. Universidad nacional de México* 7(2/3): 259-263 [general; Mexico]

1937. Über die angewandte Entomologie in den verschiedenen Ländern. 9. Entwicklung und Stand der angewandten Entomologie in Mexico. *Arbeiten über physiologische und angewandte Entomologie* 4(4): 280-291 (15 December) [*Aegiale hesperiaris* (Walker), *Eucheira socialis* Westwood]

1940a. Lepidópteros nuevos de México. IV. *Anales del Instituto de Biología. Universidad nacional de México* 11(1): 275-284, 7 figs. (after 28 February) [*Papilio photinus* female form *escalantei*, *Dismorphia* (*Enantia*) *amalia* form *immaculata*, *Anosia berenice* form *gilippina*, *Anartia fatima* form *albifasciata*, *A. f.* aberration *albifusa*, *A. f. venusta* form *colimensis*]

1940b. Lepidópteros nuevos de México. V. *Anales del Instituto de Biología. Universidad nacional de México* 11(2): 633-638, 4 figs. ("1940", [?1941], after 28 December 1940) [*Papilio polyzelus* form *geminatus*, *P. cresphontes* form *melanurus*, *P. branchus* aberration *pallidior*, *Baronia brevicornis* female form *intemerata*, *B. b.* male form *luteocincta*, *Mechanitis doryssus* form *utemaia* aberration *extrema*, *M. d.* form *saturata* aberration *escalantei*, *Heliconius sara veraepacis* form *albifasciatus*, *Perisama mexicana*, *Lymnas pixe sexpunctata* form *aurolutea*]

1940c. Catálogo sistemático y zoogeográfico de los lepidópteros mexicanos. Primera parte. Papilionoidea. *Anales del Instituto de Biología. Universidad nacional de México* 11(2): 639-739, 2 maps ("1940", [?1941]; after 28 December 1940) [general]

1941a. Lepidópteros nuevos de México. VI. *Anales del Instituto de Biología. Universidad nacional de México* 12(1): 231-235, 4 figs. (after 5 May) [*Apyrothrix plancartei*]

1941b. Catálogo sistemático y zoogeográfico de los lepidópteros mexicanos. Segunda parte. Hesperioidea. *Anales del Instituto de Biología. Universidad nacional de México* 12(1): 237-294 (after 5 May) [general]

**Hoffmann, Erich** [1874-1950]

1949. Colores irisantes de *Morpho aurora*. *Folia universitaria* (Cochabamba) 3: 11-13, 8 figs. (August) [scale anatomy]

**Hoffmann, Fritz** [1873-1945]

1922. Deutsche Insektenamen in Brasilien. *Entomologischer Anzeiger* 2(6): 65-66 (15 June) [*Callicore*, *Catagramma*]

1925. Ueber die Lepidopterenfauna von Südbrasilien. *Entomologische Zeitschrift* 39(21): 83 (5 September) [general]
1927. Entomologisches allerlei aus Brasilien. *Entomologische Zeitschrift* 41(2): 50-53 (24 April), (3): 71-75 (8 May) [*Morpho* spp., Hesperidae]
- 1928a. Ueber die Lepidopterenfauna Südbrasilien II. *Entomologische Zeitschrift* 42(4): 43-44 (24 May), (8): 95-98 (22 July) [general]
- 1928b. Kritische Betrachtungen über brasilianische Schmetterlinge. *Entomologisches Jahrbuch* 37: 153-155 [general]
- 1929a. Der Psychidenbaum in São Francisco do Sul und anderes. *Entomologische Zeitschrift* 43(16): 199-200 (22 November) [*Anaea* sp., Brazil]
- 1929b. Acht Monate in den Urwäldern von Espirito Santo (Brasilien). *Entomologisches Jahrbuch* 38: 53-73 [general]
- 1930a. Das Antlitz Brasilien. *Entomologische Zeitschrift* 43(20): 251 (22 January) [*Morpho aega* (Hübner), *M. portis* (Hübner)]
- 1930b. *Gynaecia dirce* L. (Nymphal.). *Internationale entomologische Zeitschrift* 24(23): 251-252 (15 September) [host plants; larva, pupa; behavior; Brazil]
- 1930c. Ueber das "Öligwerden" von Schmetterlingen. *Internationale entomologische Zeitschrift* 24(24): 264 (22 September) [*Morpho* spp.; host plants; larvae]
- 1930d. Beiträge zur Naturgeschichte brasilianischer Schmetterlinge. I. *Zeitschrift für wissenschaftliche Insektenbiologie* 25(6/7): 93-112 (31 October) [general; host plants; eggs, larvae, pupae, imagines]
- 1930e. Über die Lepidopteren-Fauna Brasiliens in allgemeinen und von Südbrasilien im besondern. *Entomologisches Jahrbuch* 39: 123-131 [general]
- 1931a. Beiträge zur Naturgeschichte brasilianischer Schmetterlinge. II. *Zeitschrift für wissenschaftliche Insektenbiologie* 26(1): 1-8 (15 February) [Pieridae, Nymphalidae; host plants; larvae, pupae]
- 1931b. *Euselasia eucerus* Hew. (Erycinidae) (Lepidopt. Rhopal.). *Entomologische Rundschau* 48(5): 55-56 (1 March) [host plants; egg, larva, pupa, imago; Brazil]
- 1931c. Folgen des Frostes vom 16. Juli 1930. *Entomologische Zeitschrift* 45(9): 138-139 (8 August) [general; Brazil]
- 1931d. Beiträge zur Naturgeschichte brasilianischer Schmetterlinge. III. *Zeitschrift für wissenschaftliche Insektenbiologie* 26(4/6): 109-124 (15 September) [general; host plants; larvae, pupae; parasitoids]
- 1931e. Über die Lepidopteren-Fauna Brasiliens im allgemeinen und von Südbrasilien im besondern. *Entomologisches Jahrbuch* 40: 97, frontisp. pl. [general]
- 1931f. See Schmith, K. & F. Hoffmann, 1931.
- 1932a. Ueber die Lepidopterenfauna Südbrasilien III. *Internationale entomologische Zeitschrift* 25(43): 437-440 (15 February) [general]
- 1932b. Eine neue Hesperide. *Entomologische Rundschau* 49(8): 77-79 (15 April) [general; *Entheus schmithi*; host plants; larva, imago; behavior; Brazil]
- 1932c. Beiträge zur Naturgeschichte brasilianischer Schmetterlinge. III. *Zeitschrift für wissenschaftliche Insektenbiologie* 26(7/10): 199-204 (15 June); 27(1/2): 22-29 (15 June) [general; host plants; eggs, larvae, pupae, imagines]
- 1932d. *Thecla latreillei* Hew. ♀. *Entomologische Rundschau* 49(13): 136 (1 July) [Brazil]
- 1932e. Hochlandsreise 1930. *Entomologisches Jahrbuch* 41: 123-132 [general; Brazil]
1933. Beiträge zur naturgeschichte brasilianischer Schmetterlinge. *Deutsche entomologische Zeitschrift* 1932(2/3): 97-148 (9 January) [general; host plants; eggs, larvae, pupae; behavior]
1934. Beiträge zur Lepidopterenfauna von St. Catharina (Südbrasilien). *Entomologische Rundschau* 51(1): 13-15 (1 January), (3): 25-28 (1 February), (6): 62-64 (15 March), (7): 71-74 (1 April), (22): 248-251 (15 November) [general; new taxa: *Papilio bellerophon* aberration *confluens*, *P. helios* form *sexfasciatus*, *P. telesilaus* variety *sexfasciatus*]
- 1935a. Beiträge zur Lepidopterenfauna von Sta. Catharina (Südbrasilien). *Entomologische Rundschau* 52(7): 82-85 (1 April), (8): 103-104 (15 April) [general; *Dismorphia melia* new form *metallescens*]
- 1935b. Futterpflanzen der Raupen brasilianischer Schmetterlinge. *Entomologischer Anzeiger* 15(16/17): 117-120 (1 May) [general]
- 1935c. Kleine Mitteilungen. *Entomologische Rundschau* 52(15): 208 (1 August) [general; Brazil]
- 1935d-36a. Beiträge zur Lepidopterenfauna von Sta. Catharina (Südbrasilien). *Entomologische Rundschau* 52(18): 237-239 (15 September 1935); 53(1): 10-12 (1 October 1935), (3): 46-48 (1 November 1935), (14): 206-207 (22 February 1936), (15): 221-224 (1 March 1936), (17): 240 (15 March 1936), (18): 243 (22 March 1936), (20): 278-279 (8 April 1936), (21): 287-288 (15 April 1936) [general; host plants; larvae, pupae, imagines; behavior; ecology]
- 1936b. *Dismorphia melia* Godt. *Entomologische Rundschau* 53(30): 439-440 (22 June) [Brazil]
- 1936c. Sta. Catharina und seine Lepidopterenfauna. *Entomologische Zeitschrift* 50(26): 301-304 (8 October) [general; Brazil]
- 1936d. Beiträge zur Naturgeschichte brasilianischer Schmetterlinge. *Entomologisches Jahrbuch* 45: 81-93 [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology]
- 1937a. Beiträge zur Naturgeschichte brasilianischer Schmetterlinge. II. *Internationale entomologische Zeitschrift* 50(37/38): 430 (8 January), (42): 487-488 (8 February), (43): 498-501 (15 February), (44): 511-512 (22 February), (45): 525-528 (1 March), (46): 538-539 (8 March); 51(5): 49-52 (1 May), (6): 56-59 (8 May), (7): 73-76 (15 May), (17): 175-176 (1 August), (18): 181-184 (8 August), (20): 203-204 (22 August), (21): 212-213 (1 November), (23): 231-232 (15 September), (24): 237-240 (22 September), (26): 253-256 (8 October), (29): 275-277 (1 November) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; parasitoids]
- 1937b. Beiträge zur Naturgeschichte brasilianischer Schmetterlinge. *Entomologisches Jahrbuch* 46: 126-139 [general; host plants; eggs, larvae, pupae, imagines]
1939. *Hypolymnas* [sic] *missippus* L. in Südamerika (Nymphalinae). *Entomologische Rundschau* 56(28): 312 (22 July) [Brazil]
- 1940a. Über Flügelmembran und Schuppen einiger brasilianischen Tagfalter. *Entomologische Zeitschrift* 54(2): 15-16 (10 April) [Heliconiinae, Nymphalinae]
- 1940b. Einzelgänger unter den brasilianischen Lepidopteren. *Entomologische Zeitschrift* 54(12): 92-93 (1 August) [general]
- Hoffmann, Magali**  
2009. See Benevides, C. R. et al., 2009.
- Hoffmanns, Wilhelm** [1865-1909]  
1902. Reisebrief. *Insekten-Börse* 19(45): 354 (6 November) [general; Peru]  
1903. Reisebrief. II. *Insekten-Börse* 20(19): 148-149 (7 May), (20): 156 (14 May) [general; Peru]  
1904a. Reisebrief. III. *Insekten-Börse* 21(31): 244-245 (28 July) [general; Peru]  
1904b. Reisebrief IV. *Insekten-Börse* 21(49): 387-388 (1 Decem-



- ber) [general; Peru]
1910. Reisebriefe. *Entomologische Rundschau* 27(8): 50-52 (15 April), (9): 58-59 (1 May), (10): 64-65 (15 May) [general; Brazil]
- Hoffmansegg, Johann Centurius von** [1766-1849]
1808. Berlin, b. Pauli: Natursystem aller bekannter in- und ausländischer Insekten, als eine Fortsetzung der von Buffonschen Naturgeschichte. Von Johann Friedrich Wilhelm Herbst. – Der Schmetterlinge eilfter Theil. 1804. *Allgemeine Literatur-Zeitung* (Halle) 1808(4)(28): 217-221 (8 March) [published anonymously] [general; book review; new species: *Papilio psamatthes*; Surinam]
- 1817-18. Entomologische Bemerkungen bei Gelegenheit der Abhandlungen über amerikanische Insekten, in der vierten bis sechsten Lieferung von den *Recueils d'observations de zoologie et d'anatomie comparée*, oder dem 2tem Theile der Reise, der Herren Al. v. Humboldt und A. Bompland, nemlich: No. IX. in Livr. 4. p. 197-283 und No. XI. XII. in Livr. 5.6. p. 294-397. *Zoologisches Magazin* (Wiedemann's) 1(1): 8-56 (1817), (2): 49-109 (1818) [general; new species: *Emesis nyctea*, *Lemonias pittheus*]
- Hofmann, Walter**
1962. Los insectos en la obra de Molina. *Noticiario mensual. Museo nacional de Historia natural* (Santiago de Chile) 5(77): [11]-[12] (December) [*Mathania leucothea* (Molina); Chile]
- Hogendoorn, Katja**
2019. See Santos, A. A. et al., 2019.
- Hogg, Jabez**
1877. Errors of interpretation; with special reference to the examination of scales of insects. *Hardwicke's Science Gossip* 13(147): 57-60, figs. 46-47. [*Papilio polydamas* Linnaeus, *P. pyrrrha* Cramer; morphology]
- Hoggard, M. P.**
1984. See Brower, L. P. et al., 1984.
- Hogue, Charles Leonard** [1935-1992]
1968. Butterfly wings. Living pointillism. *Quarterly. Los Angeles County Museum of natural History* 6(4): 4-11, figs. [general]
1972. *The Armies of the Ant*. New York, World Publishing Company. xviii + 234 pp., figs. [general; Costa Rica]
1975. The insects in human symbolism. *Terra* 13(3): 3-9, figs. [general]
1982. See Palacios, J. G. et al., 1982.
1985. Amazonian insect myths. *Terra* 23(6): 10-15, figs. (July-August) [*Caligo*, *Morpho*]
1990. Las mariposas entre los antiguos mexicanos, by Carlos R. Beutelspacher (prolog by Rafael Martín del Campo). 1988. *Journal of the Lepidopterists' Society* 44(2): 102-103 (2 November) [general; book review]
1993. *Latin American Insects and Entomology*. Berkeley, University of California Press. xiv + 536 pp., 4 pls., figs. [general]
- Hogue, Charles Leonard, and Julian P. Donahue**
1972. Focus on Rincon. An untamed corner of the rainforest. *Terra* 10(4): 3-12, figs. [general; Costa Rica]
- Hogue, Charles Leonard, and Scott Everett Miller**
1981. Entomofauna of Cocos Island, Costa Rica. *Atoll Research Bulletin* 250: 1-29 ("July" [November]) [*Danaus plexippus* (Linnaeus), *Historis odius* (Fabricius)]
- Hohmann, Celso Luiz, and Sueli Martinez de Carvalho**
1983. Efeito da redução foliar sobre o rendimento do feijoeiro (*Phaseolus vulgaris* Linnaeus, 1753). *Anais da Sociedade entomológica do Brasil* 12(1): 3-9, 1 fig., 2 tabs. [*Urbanus proteus* (Linnaeus); Brazil]
- Hohmann, Celso Luiz, Sônia M. T. Silva and Walter J. Santos**
1989. Lista preliminar de Trichogrammatidae encontrados no Paraná. *Anais da Sociedade entomológica do Brasil* 18(1): 203-206, 1 tab. (31 July) [*Dione juno juno* (Cramer); host plant; parasitoids; Brazil]
- Hokche, Omaira, and Nelson Luis Ramírez**
1990. Pollination ecology of seven species of *Bauhinia* L. (Leguminosae: Caesalpinioidea). *Annals of the Missouri botanical Garden* 77(3): 559-572, 1 fig., 8 tabs. ([2 August]) [general; Venezuela]
- Holdich, Thomas Hungerford** [1843-1929], and **Arthur Robert Hinks** (Eds.)
1918. *Appendix. Natural history collections made by the late Major H. S. Toppin*, pp. 234-242, 4 pls. In: *Peru-Bolivia Boundary Commission 1911-1913. Report of the British Officers of the Peruvian Commission. Diplomatic memorandum and maps of the boundary zone*. London, Cambridge University Press. xi + 242 pp., pls., maps [general; ecology; Peru, Bolivia]
- Holian, Lauren A.**
2018. See Nakahara et al., 2018a.
- Holik, Otto Karl** [1881-1963]
1939. J. Chr. Fabricius: Systema Glossatorum. Accompagné d'une introduction par Felix Bryk. Editeur Gust. Feller, à Neubrandenburg. Dédié au Septième Congrès International d'Entomologie. *Lambillionea* 39(10): 188-189 (25 October) [book review]
- Holland, Peter W. H.**
2012. See Dasmahapatra, K. K. et al., 2012.
2015. See Quah, S. et al., 2015.
- Holland, Richard Walter** [1940-2013]
1973. Butterflies of middle and southern Baja California. *Journal of Research on the Lepidoptera* 11(3): 147-160, 4 figs. (before 29 June) [general; Mexico]
1995. Distribution of selected *Anthocharis*, *Euchloe* and *Pontia* (Pieridae) in New Mexico, Texas, Chihuahua and Sonora. *Journal of the Lepidopterists' Society* 49(2): 119-135, 5 figs. (12 June) [Mexico]
2007. The probable case for *Apodemia phycioidoides* in New Mexico – A Chihuahuan comedy. *News of the Lepidopterists' Society* 49(4): 120-121, 127 (5 December) [Mexico]
2008. Entomological ramblings in Mexico revisited after fifty years. *News of the Lepidopterists' Society* 50(1): 8, 12-15, 2 figs., 1 tab. (10 May) [general]
- Holland, Richard Walter, and Gregory S. Forbes**
1982. Rediscovery of *Apodemia phycioidoides* (Riodinidae). *Journal of the Lepidopterists' Society* 35(3): 225-232, 2 figs. (28 April) [Mexico]
- Holland, William Jacob** [1848-1932]
1890. Lepidoptera. In: Howard, L. O., Scientific results of explorations by the U. S. Fish Commission Steamer Albatross. V.- Annotated catalogue of the insects collected in 1887-'88. *Proceedings of the United States national Museum* 12(771): 185-207 (5 February) [general; new taxon: *Agraulis vanillae* variety *galapagensis*; Neotropics]
1898. *The Butterfly Book. A Popular Guide to a Knowledge of the Butterflies of North America*. New York, Doubleday & McClure Co. xx + 382 pp., 48 pls., 183 figs. ([before 17 December]) [several later reprints] [general; host plants; eggs, larvae, pupae, imagines; Neotropics]
1900. A description of a variety of *Argynnis nitocris* from Chihuahua, Mexico. *Entomological News* 10(11): 332-333 ([31 January] [*A. n.* variety *coerulescens*])
- 1902a. *Biologia Centrali-Americana, Insecta, Lepidoptera-*

- Rhopalocera. *Science* 15(370): 186-188 (31 January) [review]
- 1902b. Two new species of Bahaman Lepidoptera. *Annals of the Carnegie Museum* 1(3): 486-489 (March) [*Charis carteri*, *Erycides batabanoides*]
1905. [Note on *Eucheira socialis*]. *Proceedings of the entomological Society of London* 1902(2): xxi-xxii (15 July) [life history; Mexico]
1910. Review of Dr. Arnold Pagenstecher's "Die geographische Verbreitung der Schmetterlinge". *Science* 31(792): 346-348 (4 March)
1911. The conservation of types. *Procès. 1<sup>er</sup> Congrès international d'Entomologie* (Bruxelles), pp. 361-368 [general; Brazil]
1913. *To the River Plate and back. The narrative of a scientific mission to South America, with observations upon things seen and suggested*. New York, G. P. Putnam's Sons. xiii + 387 pp., 8 pls., 78 figs. [general; Brazil, Argentina, Uruguay]
1916. The Lepidoptera of the Isle of Pines, being a list of the species collected on the island by Mr. J. L. Graf and Mr. G. A. Link, Sr., in 1910 and 1912-1913. *Annals of the Carnegie Museum* 10(3/4): 487-518, pl. 31 (1 July) [general; new taxa: *Victorina steneles* (sic) variety *insularis*, *Telegonus geronae*, *Amblyscirtes insulaepinorum*, *Pemiades antiqua* variety *haitensis*]
- 1927a. The Lepidoptera named by George A. Ehrmann. *Annals of the Carnegie Museum* 17(2): 299-364, pls. 25-30, 3 figs. (29 April) [with notes by A. N. Avinoff] [general; Neotropics]
- 1927b. Exit Huebner's Tentamen! *Science* 66(1696): 4-6 (1 July) [general]
- 1928a. "Exit the Tentamen, but..." What? *Science* 68(1720): 161-162 (10 February)
- 1928b. The invalidity of the Tentamen names of the butterflies (Lepid.: Rhopalocera). *Entomological News* 39(2): 50-59 (3 February) [general]
- 1930a. Notes on some American butterflies, mainly relating to their classification and nomenclature. Part 1. Papilionidae, Pieridae, Nymphalidae (Danainae). *Annals of the Carnegie Museum* 19(3): 185-204 (13 February) [general]
- 1930b. *Papilio monuste* Linnaeus (a critique). *Bulletin of the Brooklyn entomological Society* 25(3): 133-137, pl. 8 (4 August)
- 1930c. Notes on some American butterflies mainly relating to classification and nomenclature. Part 2. Nymphalidae, etc. *Annals of the Carnegie Museum* 20(1): 39-55 (21 October) [general; Neotropics]
- 1931a. Notes on some American butterflies mainly relating to classification and nomenclature. Part 3. *Annals of the Carnegie Museum* 20(2): 255-265 (6 June) [general; new variety: *Ascia monuste* variety *cramerii*; Neotropics]
- 1931b. *The Butterfly Book. New and Thoroughly Revised Edition. A Popular and Scientific Manual, Describing and Depicting all the Butterflies of the United States and Canada*. New York, Doubleday, Doran & Company, Inc. xii + 424 pp., 77 pls., 198 figs. ([9 July]) [general; host plants; eggs, larvae, pupae, imagines; Neotropics]
- Hollands, Georgina**  
2018. See Mullany, F. et al., 2018.
- Holloway, Jeremy Daniel**  
1998. The butterflies of Costa Rica and their natural history. Volume II: Riodinidae. By Philip J. DeVries. 1997. *Entomologist's monthly Magazine* 134(7/8): 256 (31 July) [general; book review]  
2003. See Basset, Y. et al., 2003.  
2011. See Nieukerken, E. J. van et al., 2011.
- Holloway, Jeremy Daniel, John D. Bradley and David J. Carter**  
1987. *CIE Guides to insects of importance to man. 1. Lepidoptera*. London, C.A.B. International Institute of Entomology. iv + 262 pp., figs. [general; morphology; eggs, larvae, pupae, imagos; host plants]
- Holloway, Jeremy Daniel, and Ebbe Schmidt Nielsen**  
1998. Biogeography of the Lepidoptera, pp.423-462, 25 figs., 1 tab. In: Kristensen, N. P. (Ed.), *Lepidoptera, Moths and Butterflies. Volume 1: Evolution, Systematics and Biogeography. Handbuch der Zoologie* 4(35): i-x, 1-487 ("1999", 1998) [general]
- Holloway, Thomas Edmunds** [1886- ]  
1930. Sugar cane insects of North America and the West Indies (excluding Cuba). A bibliography and list of known parasites, insect predators and diseases. *Proceedings of the Congress of the international Society of Sugarcane Technologists* 3: 184-216 [general]  
1933. Insect pests of sugar cane. The leaf-eating insects. Army worms, cutworms, leaf miners, grasshoppers and others. *Facts about Sugar* 28(5): 216-219 (May) [*Calisto pulchella* Lathy, Hesperidae; parasitoids; Neotropics]
- Holm, Ake** [1909-1989]  
1957. Specimina linnaeana i Uppsala bevarade zoologiska samlingar fran Linnes tid. *Uppsala Universitets Arsskrift* 1957(6): 1-68, 14 figs., 8 tabs. [general]
- Holmberg, Eduardo Ladislao** [1852-1937]  
1878. Una excursión por el Río Luján (Marzo de 1878). *El Naturalista argentino* 1(5): 137-145 (May) [general; Argentina]  
1883-86. [Viaje a las Sierras del Tandil y de La Tinta]. *Actas de la Academia nacional de Ciencias en Córdoba* 5: 1-184 [general; Argentina]  
1884. *La Sierra de Curá-Malal (Currumalán). Informe presentado al Excelentísimo Señor Gobernador de la Provincia de Buenos Aires, Dr. Dardo Rocha*. Buenos Aires, Pable E. Coni. ix + 83 pp., 7 pls., 6 figs. [*Danaus archippus* (Fabricius), *Papilio thoas* Linnaeus; Argentina]  
1887-89. Viaje a Misiones. *Boletín de la Academia nacional de Ciencias en Córdoba* 10(1): 5-144 (June 1887), (2): 145-288, 2 pls., 1 fig. (December 1887), (3): 289-391 (January 1889) [general; Argentina]  
1891. Aves libres en el Jardín Zoológico de Buenos Ayres. *Anales de la Sociedad científica argentina* 32(4): 176-193 (October) [*Colias lesbia* (Fabricius); host plant; Argentina]  
1898. *Orden III. Lepidópteros*, pp. 583-584. In: *La Fauna de la República Argentina*. In: Fuente, D. G. de la (Ed.), *Segundo Censo de la República Argentina. Mayo 10 de 1895. Decretado en la Administración del Dr. Sáenz Peña, verificado en la del Dr. Uriburu. 1. Territorio*. Buenos Aires, Taller Tipográfico de la Penitenciaría Nacional [general]  
1903. La imitación en la naturaleza (mimicry). *Anales de la Sociedad científica argentina* 56(3): 105-115 (September) [*Ageronia*; Argentina]
- Holmes, Iris A., Maggie R. Grundler and Alison R. Davis Rabosky**  
2017. Predator perspective drives geographic variation in frequency-dependent polymorphism. *American Naturalist* 190(4): E78-E93, 5 figs., 1 tab. (October; published online 31 August) [*Heliconius*]
- Holstein, Joachim**  
2003. See Häuser, C. L. et al., 2003.
- Holt, Holly L.**  
2019. See Cariveau, A. B. et al., 2019.
- Holthuis, Lipke Bijdeley** [1921-2008]  
1952. Proposed use of the Plenary Powers to validate the generic name "Sicyonia" H. Milne Edwards, 1830 (Class

- Crustacea, Order Decapoda). *Bulletin of zoological Nomenclature* 6(11): 339-341 (29 August) [nomenclature]
1958. G. D. Collin's Fauna Surinamensis. *De West-Indische Gids* 38(1/2): 71-85 (September) [general]
- Holtz, Anderson Mathias** [1957- ], **Vitor Zuim, Lauanda Pellana de Souza, Higor de Souza Rodrigues and Wilson Rodrigues Valbon**
2015. *Curuquerê-da-couve* (Ascia monuste orseis), pp. 120-141, 1 fig., 2 tabs. In: Holtz, A. M., V. M. Rondelli, F. N. Celestino, L. R. Bestete & J. R. de Carvalho (Eds.), *Pragas das brássicas*. Colatina, Instituto Federal de Ensino, Ciência e Tecnologia do Espírito Santo.
- Holzinger, Helmuth Karl Wilhelm** [1928-1992]
1973. See Brown, K. S., Jr. & H. Holzinger, 1973.
- Holzinger, Helmuth Karl Wilhelm, and Keith Spalding Brown, Jr.**
1982. Zur Kenntnis von *Heliconius xanthocles* Bates (Lepidoptera: Nymphalidae). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 34(1/2): 19-36, 3 pls., 2 figs., 1 tab. (December) [new subspecies: *H. x. rindgei*, *H. x. napoensis*, *H. x. zamora*, *H. x. hippocrene*; mimicry; life history; South America]
- Holzinger, Helmuth Karl Wilhelm, and Ruth Holzinger**
1968. *Heliconius cydno gerstneri*, n. ssp. und zwei neue Formen von *H. cydno cydnides* Stgr. (Lep. Nymph.). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 20(1/3): 17-21, 4 figs. (December) [general; new forms: *H. c. g. form gerstneri*, *H. c. g. form denhezi*, *H. c. g. form pseudoweymeri*, *H. c. g. form flavissima*, *H. c. c. form semicydnides*, *H. c. c. form tenebrosa*; Colombia]
1969. Zur Synonymie von *Heliconius (Eueides) eanes heliconioides* Fldr. und *H. (E.) tales cognatus* Weym. (Lep. Nymph.). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 21(3): 64-69, 7 figs. (December) [general; Bolivia, Colombia, Peru]
1970. *Heliconius hygieanus fischeri* (Fassl) comb. nov., eine Subspecies aus West-Columbien (Lep. Nymph.). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 22(2): 33-41, 13 figs., 3 tabs. (December) [general; morphology; distribution; new forms: *H. h. f. form leonis*, *H. h. f. form leoncitonis*]
1972. *Heliconius xanthocles cleoxanthe*, eine neue Subspecies aus Ost-Venezuela (Lep. Nymph.). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 23(3): 97-99, figs. (June)
- 1974a. *Eueides procula browni*, eine neue Subspecies aus Venezuela (Lepidoptera: Nymphalidae). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 24(4): 147-152, p figs., 1 map (June) [general; distribution]
- 1974b. Die Typen in der Heliconiinae-Sammlung des Naturhistorischen Museums in Wien (Lep., Nymphalidae). *Annalen des naturhistorischen Museums in Wien* 78: 261-273, pl. 1 (December) [general; South America, Panama]
1975. *Heliconius demeter ucayalensis*, eine neue Subspecies aus Peru (Lepidoptera: Nymphalidae). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 26(1): 29-30, 2 figs. (March) [general]
1989. *Heliconius hecuba creusa*, eine neue Subspecies aus West-Kolumbien (Lepidoptera, Nymphalidae). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 40(3/4): 91-93, 2 figs.
1993. *Eueides eanes koenigi* eine neue Subspecies aus Zentralperu (Lepidoptera, Heliconidae [sic]). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 44(3/4): 95-98, 2 figs., 1 map (February)
1994. *Heliconius and related genera*. Venette, Sciences Nat. 328 pp., 51 pls., 41 maps (December) [general]
- Holzinger, Ruth** [1921-1995]
1968. See Holzinger, H. K. W. & R. Holzinger, 1968.
1969. See Holzinger, H. K. W. & R. Holzinger, 1969.
1970. See Holzinger, H. K. W. & R. Holzinger, 1970.
1972. See Holzinger, H. K. W. & R. Holzinger, 1972.
- 1974a. See Holzinger, H. K. W. & R. Holzinger, 1974a.
- 1974b. See Holzinger, H. K. W. & R. Holzinger, 1974b.
1975. See Holzinger, H. K. W. & R. Holzinger, 1975.
1976. See Holzinger, H. K. W. & R. Holzinger, 1976.
1985. Kritische Betrachtungen zeitgenössischer Lepidoptera-Literatur anhand eines Kapitels in D'Abrera "Butterflies of the Neotropical Region, Part II." *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 36(3/4): 121-123 (May) [general; Heliconiinae]
1989. See Holzinger, H. K. W. & R. Holzinger, 1989.
1993. See Holzinger, H. K. W. & R. Holzinger, 1993.
1994. See Holzinger, H. K. W. & R. Holzinger, 1994.
- Homer, Theodore James Graham** [1913-2008]
1967. Trinidad, October-December 1966. *Entomologist's Record and Journal of Variation* 79(6): 163-171 (15 June) [general]
1972. See DeWorms, C. G. M. & T. J. G. Homer, 1972.
- Homeier, Jürgen**
2011. See Laurance, W. F. et al., 2011.
- Homziak, Jurij**
2006. See Homziak, N. T. & J. Homziak, 2006.
- Homziak, Jurij, and Nicholas T. Homziak**
2012. Two potential host plants and notes on the habitat of the Haitian tailed blue, *Pseudochrysops bornoi* (Comstock & Huntington 1943) (Lycaenidae, Lepidoptera) in Guánica, Puerto Rico, USA. *Caribbean Journal of Science* 46(2/3): 324-327, 1 fig. (March) [behavior]
- Homziak, Nicholas T.**
2012. See Homziak, J. & N. T. Homziak, 2012.
2018. See Kawahara, A. Y. et al., 2018a.
- Homziak, Nicholas T., and Jurij Homziak**
2006. *Papilio demoleus* (Lepidoptera: Papilionidae): A new record for the United States, Commonwealth of Puerto Rico. *Florida Entomologist* 89(4): 485-488, 1 fig. (December) [host plants; distribution]
- Honda, Keiichi** [1948- ]
1981. Larval osmeterial secretions of the swallowtails (*Papilio*). *Journal of chemical Ecology* 7(6): 1089-1113, 5 figs., 4 tabs. (November) [general]
- Honey, Martin R., and Malcolm John Scoble**
2001. Linnaeus' butterflies (Lepidoptera: Papilionoidea and Hesperioidea). *Zoological Journal of the Linnean Society* 132(3): 277-399, 39 figs. (July) [general; taxonomy; nomenclature]
- Honey-Rosés, Jordi, Kathy Baylis and María Isabel Ramírez**
2011. A spatially explicit estimate of avoided forest loss. *Conservation Biology* 25(5): 1032-1043, 4 figs., 2 tabs. (October; published online 8 September) [*Danaus plexippus* (Linnaeus); ecology; Mexico]
- Honrath, Eduard Gustav** [1837-1893]
- 1884a. Neue Rhopalocera. *Berliner entomologische Zeitschrift* 28(1): 203-212, pls. 2-7 (June) [*Prepona neoterpe*, *Callithea srnkai*, *Callicore panthalis*, *C. merida*; Peru, Venezuela]
- 1884b. Beiträge zur Kenntniss der Rhopalocera. *Berliner entomologische Zeitschrift* 28(2): 395-398, pl. 10 (December) [new species: *Papilio streckerianus*; Peru]
1885. Neue Rhopalocera. III. *Berliner entomologische Zeitschrift* 29(2): 272-278, pl. 8 (December) [*Papilio isidorus* variety *leucostictus*, *Agrias sahlkei*; Colombia, French Guiana]

- 1886a. [A note]. *Berliner entomologische Zeitschrift* 30(1): ii-iv (late June) [*Morpho* spp.; French Guiana]
- 1886b. [A note]. *Berliner entomologische Zeitschrift* 30(1): iv (late June) [*Papilio gundlachianus* Felder; Cuba]
- 1886c. Neue Rhopalocera. IV. *Berliner entomologische Zeitschrift* 30(1): 129-131, pl. 5 (late June) [*Papilio gundlachianus*; Cuba]
1887. Neue Rhopalocera. *Berliner entomologische Zeitschrift* 30(2): 294-296, pl. 6 (late January) [*Papilio pomponius* Hopffer; Brazil]
- 1888a. [A note]. *Berliner entomologische Zeitschrift* 31(2): xxxvi-xxxvii (mid March) [general; Cuba]
- 1888b. [Notes]. *Berliner entomologische Zeitschrift* 31(2): xl-xlii (mid March) [general; Colombia, Cuba]
- 1888c. Lepidopterologische Beobachtungen in Französisch-Guyana, in besondern über *Morpho*- und *Agrias*-Arten. Nach brieflichen Mittheilungen von Leo Sahlke †. *Berliner entomologische Zeitschrift* 31(2): 147-153 (mid March) [general]
- 1888d. *Papilio gundlachianus* Feld. Vorkommen, Lebensweise und Varietäten. Die Raupe in ersten Stadium. *Berliner entomologische Zeitschrift* 31(2): 321-324, pl. 5, fig. A (mid March) [Cuba]
- 1888e. Neue Rhopalocera. VII. *Berliner entomologische Zeitschrift* 32(1): 247-252, pl. 5 (early August) [general; *Papilio lysimachus*; Peru]
- 1888f. Wenig bekannte Tagfalter. II. *Berliner entomologische Zeitschrift* 32(1): 253-254 (early August) [*Papilio cacicus* female aberation *zaddachii* Dewitz; Colombia]
- 1889a. [Notes]. *Berliner entomologische Zeitschrift* 32(2): (22)-(24) (early February) [*Morpho* spp., *Papilio* spp.; Surinam, French Guiana, Brazil, Jamaica]
- 1889b. Einige Varietäten, Abnormitäten, Monstrositäten und Hermaphroditen von Lepidopteren. *Berliner entomologische Zeitschrift* 32(2): 495-500, pl. 7, 2 figs. (early February) [*Papilio lycophron* (Hübner); Brazil]
- 1889c. Noch einmal *Papilio cacicus* Luc. ab. ♀ *zaddachii* Dewitz. *Deutsche entomologische Zeitschrift* 1889(1): 223-224 (May) [Colombia]
- 1889d. Wenig bekannte Tagfalter. III. *Berliner entomologische Zeitschrift* 33(1): 167-168, pl. 2 (late September) [*Anaea* spp.]
1890. [A note]. *Berliner entomologische Zeitschrift* 33(2): (8) (mid March) [*Papilio oxynius* (Hübner); life history; Cuba]
1892. [A note]. *Berliner entomologische Zeitschrift* 36(2): xxx (mid March) [*Papilio bolivar* Hewitson, *P. pizarro* Staudinger; Peru]
1894. [A note]. *Berliner entomologische Zeitschrift* 39(2): (1)-(2) (mid July) [*Papilio lysimachus* Honrath; Brazil]
- Hood, Glen R.**  
2016. See Schuler, H. et al., 2016.
- Hoogmoed, Marinus Steven**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Hook, Patrick**  
1999. *The world of butterflies. A fully illustrated guide to these delicate jewels of nature.* New York, Gramercy Books. 128 pp., figs. [general]
- Hooper, Ian**  
2009. See Vukusic, P. et al., 2009.
- Hoover, Aaron**  
2000a. More than meets the eye. *Explore* (Gainesville) 5(2): 12-16, figs. [general]  
2000b. For butterflies, a shared passion. *Explore* (Gainesville) 5(2): 17-19, figs. [general]
- Hopffer, Carl Heinrich** [1810-1876]
1856. *Neue oder wenig bekannte Schmetterlinge der Insekten-Sammlung des königl. zoologischen Museums der Universität zu Berlin.* Berlin, A. W. Schade. 2: 8 + [1] pp., 5 pls. [new species: *Papilio abderus*, *P. numicus*; Mexico, Cuba]
- 1865a. Bericht über Felder's Lepidoptera der Reise der Fregatte Novara. *Stettiner entomologische Zeitung* 26(10/12): 382-398 (October-December) [general; Surinam, Brazil, Mexico, Colombia, Venezuela]
- 1865b. Neue Arten der Gattung *Papilio* im Berliner Museum. *Stettiner entomologische Zeitung* 27(1/3): 22-32 (mid December) [*P. achelous*, *P. diodorus*, *P. phylarchus*, *P. polydamas* variety *polycrates*, *P. pomponius*, *P. neosilaus*, *P. himeros*, *P. amphissus*, *P. archytas*, *P. eurymander*, *P. warscewiczii*, *P. alexiades*; Mexico, Central and South America]
1869. Bericht über Felder's Lepidoptera der Reise der Fregatte Novara. *Stettiner entomologische Zeitung* 30(10/12): 427-453 (October-December) [general; new name: *Heliconius dryalus*; Neotropics]
1874. Neue Lepidopteren von Peru und Bolivia. *Stettiner entomologische Zeitung* 35(10/12): 329-371 (October-December) [general; *Euterpe suadela*, *E. alma*, *E. chelidonis*, *E. susiana*, *E. prioneris*, *E. zenobina*, *E. pieris*, *Leptalis amelina*, *L. pimpla*, *L. thermesina*, *L. penia*, *Pieris palaestra*, *P. nephthis*, *P. erinna*, *P. menthe*, *Hesperocharis nereina*, *Terias pomponia*, *T. sybaris*, *Thithorea neitha*, *Dircenna xanthophane*, *D. abendrothi*, *Ithomia aquinia*, *I. crispinilla*, *I. asellia*, *I. afrania*, *Hymenitis andania*, *Ceratinia mestra*, *C. pyrippe*, *C. metella*, *C. pardalina*, *Napeogenes galinthias*, *Melinaea dodona*, *Acraea crassinia*, *A. demonica*, *A. adriana*, *A. mucia*, *A. nicylla*, *A. aliteria*, *A. anaxo*, *A. aethilla*, *A. eresina*, *A. carbonaria*, *Heliconius favorinus*, *H. damysus*, *Melitaea fasciata*, *Eresia prisca*, *E. acraea*, *E. aricilla*, *E. calena*, *E. catula*, *E. geminia*, *Morpheis felderi*, *Perisama priene*, *Prepona dexamenus*, *Paphia sosippus*, *P. falcata*, *P. phantes*, *P. cluvia*, *P. betillina*, *P. praxias*, *Morpho didius*, *M. papirius*, *M. popilius*, *Opsiphanes arsippe*, *O. berecynthina*, *Taygetis sosis*, *Antirrhoea avernus*, *Tisiphone maculata*, *Pronophila chrysotaenia*, *Lymanopoda larunda*, *L. venusia*, *L. apulia*, *Cremna meleagris*, *Necyria westwoodi*, *Siseme lucilius*, *Emesis heterochroa*, *Symmachia psittacus*, *Charis fasciata*, *Baeotis elegantula*, *Lasaia militaris*, *Achlyodes termon*, *A. trochilus*, *Antigonus mutilatus*, *Pythonides hierax*, *Carterocephalus plancus*, *Eudamus philistus*, *Oxynetra felderi*, *Pyrrhopyge phaeax*, *P. sergius*, *P. papius*, *P. sejanus*, *P. proculus*, *P. lamprus*, *P. roscius*, *P. polemon*]
- 1878-79. Exotische Schmetterlinge. *Stettiner entomologische Zeitung* 40(1/3): 47-95 (late November 1878), (10/12): 413-454 (early November 1879) [general; *Euterpe charops* new variety *peruviana*, *Mechanitis menapis* new variety *peruana*, *Heliconius aristiona* new variety *peruana*; Neotropics]
- Hopkins, Frederick Gowland** [1861-1947]
1894. The pigments of the Pieridae. A contribution to the study of excretory substances which function in ornament. *Proceedings of the royal Society of London* 57(340): 5-6 (15 November) [abstract; *Leptalis*, *Mechanitis*]
1895. The pigments of the Pieridae: A contribution to the study of excretory substances with a function in ornament. *Philosophical Transactions of the royal Society of London* (B) 186(2): 661-682 (25 November) [general; mimicry]
- Hopp, Walter Ernst** [1884-1958]
1913. Kleine biologische Notizen über brasilianische Lepidopteren. *Zeitschrift für wissenschaftliche Insekten-*

- biologie* 9(8/9): 270 (1 September) [*Papilio agavus* Drury, *Caligo eurylochus* [sic] (Cramer); host plants; larvae, pupae]
1921. Ein neuer *Morpho*. *Deutsche entomologische Zeitschrift* 1921(4): 296-297 (8 December) [*M. hecuba wernerii*; Colombia]
1922. *Catagramma*, *Callicore* und *Perisama* in Süd-Kolumbien. (Lep.). *Deutsche entomologische Zeitschrift* 1922(4): 376-378 (1 December) [general; new taxa: *Catagramma mionina* form *pauper*, *C. ines*]
1925. See Hering, M. E. R. & W. E. Hopp, 1925.
- Hopp, Werner** [1886- ?]
1944. *Zum Vater der Ströme. Dreissig Jahre am Amazonas und in den Cordillerenstaaten*. Berlin, Paul Parey. [i]-viii, 1-207, 46 pls., 3 maps [general; South America]
1949. *Tropisches Süd-Amerika*. Berlin, Safari-Verlag. 264 pp., 53 figs., 14 maps [general]
1951. *Wunderwelt der Tropen*. Berlin, Safari-Verlag. 208 pp., pls., figs. [general]
- 1953a. Von der Schmetterlingsgattung *Agrias*. *Südamerika* (Buenos Aires) 3(4): 361-362, 1 pl. (25 February) [general; behavior; distribution]
- 1953b. *Unter den Gipfeln der Anden*. Berlin, Safari-Verlag. 264 pp., 82 figs., 6 maps [general; Colombia]
- 1957a. Fliegende Edelsteine. Auf Schmetterlingsfang in Amazonien. *Westermanns Monatshefte* 98(8): 48-55, figs. (August) [general]
- 1957b. *Blütenzauber der Orchideen*. Berlin, Safari-Verlag. 254 pp., 64 pls. [general; South America]
1958. *Sterben - Wenn nötig, töten nie! Vom Leben, von den Sitten und den Gebräuchen der heutigen Waldindianer*. Berlin, Safari-Verlag. 226 + 2 pp., 90 figs., 1 map [general; South America]
- Hormazábal, Mónica E.**
1998. See Olivares, T. S. & M. E. Hormazábal, 1998.
- Horn, Walther Hermann Richard** [1871-1939]
1926. Über den Verbleib der entomologischen Sammlungen der Welt (ein Beitrag zur Geschichte der Entomomuseologie). *Supplementa entomologica* 12: 1-133, 1 portrait (15 March) [general]
1929. Nachträge und Verbesserungen zu meiner Arbeit "Über den Verbleib der entomologischen Sammlungen der Welt. (Ein Beitrag zur Geschichte der Entomomuseologie)". *Supplementa entomologica* Nr. 12, 1926. *Supplementa entomologica* 17: 72-120 (5 February) [general]
- Horn, Walther Hermann Richard, and Ilse Kahle**
- 1935-37. Über entomologische Sammlungen. (Ein Beitrag zur Geschichte der Entomomuseologie). *Entomologische Beihefte aus Berlin-Dahlem* 2: 1-160 + 12 pp., pls. 1-16 (14 December 1935); 3: 161-296, pls. 17-26 (4 October 1936); 4: 297-536 + i-vi pp., pls. 27-38, figs. (1 August 1937) [general]
- Horne, William Titus** [1876-1944]
- 1908a. See Cook, M. T. & W. T. Horne, 1908a.
- 1908b. See Cook, M. T. & W. T. Horne, 1908b.
- Horner, B. Elizabeth**
1985. See Brower, L. P. et al., 1985.
- Horner-Devine, M. Claire, Gretchen C. Daily, Paul Ralph Ehrlich and Carol L. Boggs**
2003. Countryside biogeography of tropical butterflies. *Conservation Biology* 17(1): 168-177, 4 figs., 2 tabs. (February) [general; Costa Rica]
- Hornett, Emily A.**
2019. See Hill, J. A. et al., 2019.
- Horning, Donald S., Jr.**
1984. The history and significance of the Macleay insect collection. *Historical Bibliography Monograph* 12: 23-32. [general]
- Horny, Cecilia María**
2002. See Botto, E. N. et al., 2002.
- Horsfield, Thomas** [1773-1859]
- 1828-29. *A descriptive Catalogue of the Lepidopterous Insects contained in the Museum of the Honourable East-India Company, illustrated by coloured figures of new species and of the metamorphosis of Indian Lepidoptera, with introductory observations on a general arrangement of this order of insects*. London, Parbury, Allen, & Co. 1: 1-80 + [2], pls. 1-4 ([24 March] 1828); 2: 81-144 + [2], pls. 5-8 ([24 June] 1829) [general; larvae, pupae; morphology; Neotropics]
- Horváth, Zsolt E.**
2008. See Kertész, K. et al., 2008.
- Horvitz, Carol C.**
1984. See Schemske, D. W. & C. C. Horvitz, 1984.
1988. See Schemske, D. W. & C. C. Horvitz, 1988.
- Horvitz, Carol C., and Douglas W. Schemske**
1984. Effects of ants and an ant-tended herbivore on seed production of a neotropical herb. *Ecology* 65(5): 1369-1378, 1 fig., 7 tabs. (October) [*Eurybia elvina* Stichel; ecology; Mexico]
- 1988a. A test of the pollinator limitation hypothesis for a Neotropical herb. *Ecology* 69(1): 200-206, 4 tabs. (February) [*Eurybia elvina* Stichel; host plant; Mexico]
- 1988b. Demographic cost of reproduction in a neotropical herb: an experimental field study. *Ecology* 69(6): 1741-1745, 2 tabs. (December) [*Eurybia elvina* Stichel; host plant; Mexico]
1990. Spatiotemporal variation in insect mutualists of a neotropical herb. *Ecology* 71(3): 1085-1097, 4 figs., 10 tabs. (June) [*Eurybia elvina* Stichel; host plant; Mexico]
- Horvitz, Carol C., Christine Turnbull and Donald James Harvey**
1987. Biology of immature *Eurybia elvina* (Lepidoptera: Riodinidae), a myrmecophilous metalmark butterfly. *Annals of the entomological Society of America* 80(4): 513-519, 4 figs., 2 tabs. (July) [egg, larva, pupa, imago; host plant; behavior; Mexico]
- Horwich, Robert H., and Jonathan Lyon**
1990. *A Belizean rain forest. The Community Baboon Sanctuary*. Gays Mills, Orang-Utan Press. viii + 420 pp., figs. [*Heliconius*; host plants; behavior]
- Hoshino, Takayuki**
2005. See Watanabe, K. et al., 2005.
- Hosking, David**
2000. See Fitter, J. et al., 2000.
- Hoskins, Adrian**
- 2015a. *Butterflies of the world*. London, Reed New Holland Publishers. 312 pp., figs. [general]
- 2015b. See Bálint, Z. & A. Hoskins, 2015.
- Hoskins, Adrian, and Zsolt Bálint**
2016. *Arcas* – a case of spider mimicry? (Lepidoptera: Lycaenidae: Theclinae: Eumaeini). *Lepidoptera Novae* 9(1): 33-36, 7 figs. [general; behavior; Neotropics]
- Hoth, Jürgen**
1995. Mariposas monarca, mitos y otras realidades aladas. *Ciencias (México)* 37: 19-28, 11 figs., 1 tab. (January-June) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- 1999a. *The monarch: A regal opportunity for working together for nature*, pp. 5-7. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus*

- plexippus* (Linnaeus); conservation; Mexico]
- 1999b. *Conservation of the monarch butterfly. Introduction*, pp. 201-204. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Hotton, Carol L.**  
2016. See Labandeira, C. C. et al., 2016.
- Houghton, David C.**  
2012. See Proshok, B. & D. C. Houghton, 2012.
- Houlbert, Constant Vincent** [1857-1947]  
1917. Diagnoses de Castnies nouvelles et rectification de quelques noms indument employés. *Études de Lépidoptérologie comparée* 13: 49-87, pls. 1-4 (March) [Riodiniinae; new species: "*Castnia*" *pelopioides*; Ecuador]  
1918. Révision monographique de la sous-famille des Castniinae. *Études de Lépidoptérologie comparée* 15: xvi + 730 pp., pls. 437-462, figs. 1-242 (March) [Riodiniinae; Colombia, Ecuador]  
1920. *Tables générales systématiques et alphabétiques. Première partie*. In: Oberthür, C. & C. V. Houlbert, *Études d'Entomologie. Faunes entomologiques. Descriptions d'insectes nouveaux ou peu connus. 1876 à 1902*. Rennes, Imprimerie Oberthür. 44 pp. [general]
- Houlbert, Constant Vincent. and Joseph Pierre Rondou**  
1925. *Tables générales systématiques et alphabétiques. Fascicule XXIII*. In: Oberthür, C., C. V. Houlbert & J. P. Rondou, *Études de Lépidoptérologie comparée. Faunes entomologiques nouveaux ou peu connus. Variations et races locales. 1904 à 1925*. Rennes, Imprimerie Oberthür. 168 pp. [general]
- Houlihan, Peter R.**  
2017. See Sourakov, A. & P. R. Houlihan, 2017.
- Houssin, Céline**  
2019a. See McClure, M. et al., 2019a.  
2019b. See McClure, M. et al., 2019b.
- Houttuyn, Martinus** [1720-1798]  
1767. *Natuurlyke Historie of uitvoerige beschryving der Dieren, Planten en Mineraalen, volgens het Samenstel van den Heer Linnaeus. Met naauwkeurige afbeeldingen*. Amsterdam, de Erven van F. Houttuyn. 1(11): [x] + 750 + [6] pp., pls. 84-92 [general]  
1787. *Catalogus van eene uitmuntende verzameling van allerlei soort van dieren en dierlyke zaaken, tot opheldering der Natuurlyke Historie in meer dan dertig jaaren vergaderd en, volgens het samenstel van den wydberoemden Linnaeus, in orde geschikt. Musaei Houttuiniani Pars Prima, quae spectat Regnum Animale. Kabinet van Dieren en Dierlyke Zaaken, uitmaakende het Eerste Deel der Verzameling van naturaliën*. Amsterdam, J. van der Burgh en Zoon, en J. C. Sepp. viii + 179 pp. (14 March) [suppressed for nomenclatural purposes] [facsimile in Boeseman, M. & W. de Ligny, 2004, *Zoologische Verhandelingen* 349: 127-219 (June)] [general]
- Hovanitz, William** [1915-1977]  
1943a. The nomenclature of the *Colias chrysotheme* complex in North America (Lepidoptera, Pieridae). *American Museum Novitates* 1240: 1-4 (30 July) [general; Guatemala, Mexico]  
1943b. Geographical variation and racial structure of *Argynnis callippe* in California. *American Naturalist* 77(772): 400-425, 6 figs., 1 tab. (September-October) [Mexico]  
1944a. The ecological significance of the color phases of *Colias chrysotheme* in North America. *Ecology* 25(1): 45-60, 5 figs., 2 tabs. (January) [general; Mexico, Guatemala, Costa Rica, Panama]  
1944b. A genetic study of wild populations and evolution. *Caldasia* (Bogotá) 2(10): 459-464 (1 April) [*Colias* spp.; Colombia]  
1944c. Physiological behavior and geography in control of the alfalfa butterfly. *Journal of Economic Entomology* 37(6): 740-745, 1 fig. (December) [behavior; genetics; Mexico]  
1945a. The distribution of *Colias* in the equatorial Andes. *Caldasia* (Bogotá) 3(13): 283-300, 2 figs., 2 tabs. (30 April) [general; Colombia, Ecuador]  
1945b. Comparisons of some Andean butterfly faunas. *Caldasia* (Bogotá) 3(13): 301-306, 1 fig. (30 April) [general; Colombia, Ecuador]  
1945c. Geographical regularity in the variation and supposed mimicry of a butterfly, *Limenitis bredowii*. *American Naturalist* 79(784): 472-474, 1 tab. (September-October) [Mexico, Guatemala]  
1945d. The combined effects of genetic and environmental variations upon the composition of *Colias* populations. *Annals of the Entomological Society of America* 38(4): 482-502, 6 figs., 1 tab. (31 December) [Mexico]  
1948. A graphic method of illustrating ecological and geographical distributions. *Ecology* 29(1): 121-122, 1 fig. (January) [general; Neotropics]  
1949. *Increased variability in populations following natural hybridization*, pp. 339-355, 1 pl., 5 figs. In: Jepsen, G. L., G. G. Simpson & E. Mayr (Eds.), *Genetics, Paleontology, and Evolution*. Princeton, Princeton University Press [general; Mexico]  
1950a. The biology of *Colias* butterflies. I. The distribution of the North American species. *Wasmann Journal of Biology* 8(1): 49-75, 8 figs. [general; Mexico, Guatemala, South America]  
1950b. The biology of *Colias* butterflies. II. Parallel geographical variation of dimorphic color phases in North American species. *Wasmann Journal of Biology* 8(2): 197-219, 6 figs., 9 tabs. [general; Mexico]  
1958. Distribution of butterflies in the New World, pp. 321-368, 19 figs. In: Hubbs, C. L. (Ed.), *Zoogeography. American Association for the Advancement of Science Publications* 51: x + 509 pp. [general; Neotropics]  
1962. The distribution of the species of the genus *Pieris* in North America. *Journal of Research on the Lepidoptera* 1(1): 73-83, 4 figs. ([24] August) [Mexico, Guatemala]  
1963a. Geographical distribution and variation of the genus *Argynnis*. I. Introduction. II. *Argynnis idalia*. *Journal of Research on the Lepidoptera* 1(2): 117-123, 3 figs. ("January", [1 February]) [Neotropics]  
1963b. Geographical distribution and variation of the genus *Argynnis*. III. *Argynnis diana*. *Journal of Research on the Lepidoptera* 1(3): 201-208, 3 figs. ("March", [6 April]) [Mexico]  
[1969]. Present and ice age life zones and distributions. *Journal of Research on the Lepidoptera* 7(1): 31-34, 2 figs. ("March 1968", [before 15 September 1969]) [general]  
1970. Habitat - *Zerene caesonia* [sic] *eurydice* Bdv. *Journal of Research on the Lepidoptera* 7(4): 182, 190, 2 figs. ([before 30 July]) [Mexico]  
1971a. Habitat - *Colias vautieri* [sic]. *Journal of Research on the Lepidoptera* 9(2): 100, 2 figs. ([before 18 August]) [Chile]  
1971b. Habitat - *Yramea cytheris*. *Journal of Research on the Lepidoptera* 9(2): 124, 2 figs. ([before 18 August]) [Chile]  
1972. Jamaica and its butterflies. F. Martin Brown and Bernard Heineman. 1972. *Journal of Research on the Lepidoptera* 10(2): 148 ([28 September]) [book review]
- Howard, Elizabeth**  
2005. See Davis, A. K. & E. Howard, 2005.

- 2015a. See Young-Isebrand, E. et al., 2015.
- 2015b. See Oberhauser, K. S. et al., 2015a.
- Howard, Elizabeth, and Andrew K. Davis**
2004. *Documenting the spring movements of monarch butterflies with Journey North, a citizen science program*, pp. 105-114, 6 figs., 4 tabs. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration; Mexico]
2009. The fall migration flyways of monarch butterflies in eastern North America revealed by citizen scientists. *Journal of Insect Conservation* 13(3): 279-286, 3 figs., 2 tabs. (June; published online 4 June 2008) [*Danaus plexippus* (Linnaeus); Mexico]
2011. A simple numerical index for assessing the spring migration of monarch butterflies using data from Journey North, a citizen-science program. *Journal of the Lepidopterists' Society* 65(4): 267-270, 3 figs. (2 December) [*Danaus plexippus* (Linnaeus); Mexico]
2015. *Tracking the fall migration of Eastern monarchs with Journey North roost sightings. New findings about the pace of fall migration*, pp. 207-214, 4 figs., 1 tab. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Mexico]
- Howard, Forrest William**
2001. Insect pests of palms and their control. *Pesticide Outlook* 12(6): 240-243, 2 figs. (December) [*Brassolis sophorae* (Linnaeus)]
- Howard, Forrest William, and Reynaldo Gallego Abad**
2001. *Defoliators of palms. Lepidoptera*, pp. 34-81, 15 figs. In: Howard, F. W., D. Moore, R. M. Giblin-Davis and R. G. Abad, *Insects on palms*. Wallingford, CABI Publishing. [general; host plants]
- Howard, Forrest William, and Robin M. Giblin-Davis**
2004. *Palm insects*, pp. 1622-1627. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 3. [Ed. 2, 2008] [general]
- Howarth, Thomas Graham** [1916-2015]
1963. The butterflies of the Windward Islands. *The Windward Islands Annual* 1963: 50-53, 9 figs. [general; host plants; behavior]
- 1966a. Revisional notes on the genus *Antanartia* (Lepidoptera: Nymphalidae). *Bulletin of the British Museum (Natural History) (Entomology)* 18(2): 21-43, 5 pls., 21 figs. (21 June) [*Hypanartia kefersteini* Doubleday; morphology]
- 1966b. See Herrera, J. V. & T. G. Howarth, 1966.
1976. A Field Guide to the Butterflies of the West Indies, by Norman D. Riley. 1976. *Entomologist's Gazette* 27(3): 171-172 (21 August) [general; book review]
- Howat, Ian**
1968. Quest for exotic rarities. *Entomologist's Record and Journal of Variation* 80(3): 67-69 (15 March) [*Papilio homerus* Fabricius, *P. marcellinus* Doubleday; Jamaica]
- Howe, Henry Franklin** [1946- ]
1975. See Primack, R. B. & H. F. Howe, 1975.
- Howe, William Hugh** [1928-2009]
1963. *Our butterflies and moths*. North Kansas City, True Color Publishing Company. 208 pp., pls., figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Neotropics]
1964. Migration of *Kricogonia lyside* in Mexico (Pieridae). *Journal of the Lepidopterists' Society* 18(1): 26 (13 May)
1975. *The Butterflies of North America*. New York, Doubleday & Company, Inc. xiii + 633 pp., 97 pls., 32 figs. ([7 November]) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; distribution; Neotropics]
1984. See Beutelspacher, C. R. & W. H. Howe, 1984.
1996. Zone 12 Northern Neotropics Mexico, Central America, Caribbean Islands, pp. 61-62. In: Season Summary 1995. *News of the Lepidopterists' Society* [38(3)]: 64 pp. [Papilionidae, Pieridae]
- Hower, A. S.**
1964. See Brower, L. P. et al., 1964.
- Howes, Paul Griswold** [1892-1983]
1929. The mountains of Dominica. *Natural History* (New York) 29(6): 595-610, figs. (November-December) [*Colaenis julia* (Fabricius)]
1970. *Photographer of the rain-forests*. Chicago, Paul G. Howes and Associates. xx + 218 pp., 112 figs. [general; behavior; Guyana, Dominica, Colombia]
- Howland, Howard C.**
1969. See Eisner, T. et al., 1969.
- Howse, Philip E.**
2013. Lepidoptera wing patterns and the evolution of satyric mimicry. *Biological Journal of the Linnean Society* 109(1): 203-214, 4 figs. (May; published online 9 April) [*Heliconius*]
2014. *Seeing butterflies. New perspectives on colour, patterns & mimicry*. London, Papadakis. 176 pp., figs. (7 October) [general; Neotropics]
- Hoyt, Cathryn A.** [1958- ]
2014. The spotless comma (*Polygonia haroldii*): a new species for the United States. *News of the Lepidopterists' Society* 56(1): 14-15, 33, 2 figs. (1 March) [host plant; Mexico]
- Hrassnigg, Norbert**
2007. See Eberhard, S. H. et al., 2007.
- Hrbek, Tomas**
2013. See Papa, R. et al., 2013.
- Hrcek, Jan**
2012. See Smith, M. A. et al., 2012.
- Hrepic, Nicolás**
1974. See Cabello, G. e al., 1974.
- Hsu, Jeremy**
2014. See Zhan, S. et al., 2014.
- Hsu, Ruby, Adriana Darielle Briscoe, Belinda S. W. Chang and Naomi E. Pierce**
2001. Molecular evolution of a long wavelength-sensitive opsin in mimetic *Heliconius* butterflies (Lepidoptera: Nymphalidae). *Biological Journal of the Linnean Society* 72(3): 435-447, 6 figs., 4 tabs. ([12 April]) [general; Costa Rica, Panama, Ecuador]
- Hsu, Yu-Feng**
2005. A new subspecies of *Habrodais poodiae* Brown (Lepidoptera: Lycaenidae: Theclini) from Baja California, Mexico, representing the southernmost distribution of the Nearctic *Habrodais*. *Zoological Studies* 44(1): 26-33, 19 figs. (January) [*H. p. browni*]
- 2015a. See Espeland, M. et al., 2015.
- 2015b. See Wu, L.-W. et al., 2015.
- Hu, Xinhua**
2011. See Liu, F. et al., 2011.
- Huamani, Erick**
2013. See Pycrz, T. W. et al., 2013b.
- 2014a. See Cerdeña, J. A. et al., 2014.
- 2014b. See Cerdeña, J. A. & E. Huamani, 2014.
2016. See Cerdeña, J. A. et al., 2016.
- Huanca-Mamani, Wilson**
2016. See Vargas, H. A. et al., 2016.
- Huang, Da-Wei**
2012. See Smith, M. A. et al., 2012.
2013. See Sun, B. F. et al., 2013.

- Huang, Hong**  
2006. See Zhang, L.-L. et al., 2006b.
- Huang, Jingyun, Xudon Wang and Zhong Lin Wang**  
2006. Controlled replication of butterfly wings for achieving tunable photonic properties. *Nano Letters* 6(10): 2325-2331, 5 figs. (October; published online 28 September) [*Morpho peleides* Kollar]
- Huang, Lei**  
2011. See Liu, F. et al., 2011.
- Huang, Zhao-Hui, Pan-Feng Dai and Gui-Fang Zhao**  
2016. The complete mitochondrial genome of *Heliconius pachinus* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA (A)* 27(2): 1251-1252, 1 tab. (3 March; published online 4 August 2014)
- Huang, Zhenfu**  
2018. See Han, Y. et al., 2018.
- Huangfu, Miao-Miao, Yu-Jie Liu, Xun Xie, Yun Zhang and Hong-Wei Yang**  
2016. Research on surface lossy electromagnetic scattering of the scales of *Morpho rhetenor* butterflies. *Optik* 127(10): 4418-4421, 5 figs. (May)
- Huanqui, René**  
1959. See Bocanegra, S. et al., 1959.
- Huber, Barbara**  
2015. See Merrill, R. M. et al., 2015.
- Huber, Barbara, Annabel C. Whibley, Yann Le Poul, Nicolás Navarro, Arnaud Martin, Simon Wade Baxter, A. Shah, Benoit Gilles, T. Wirth, William Owen McMillan and Mathieu Joron**  
2015. Conservatism and novelty in the genetic architecture of adaptation in *Heliconius* butterflies. *Heredity* 114(5)(S1): 515-524, 4 figs. (May; published online 25 March) [general; Central and South America]
- Huber, Charles**  
1993. See Güntert, M. et al., 1993.
- Huber, Herbert Franz Josef [1931-2005]**  
1973. Die Wälder in den Anden von Mérida (Venezuela) und ihre Tagfalter. *Mitteilungen der Pollichia* (3)20: 164-201, 4 figs., 2 maps. [general]
- Huber, Otto [1944- ]**  
[2014]. See Costa, M. et al., [2014]a.
- Huber, Walter [1928- ]**  
1998. *Münchener Naturforscher in Südamerika*. München, Verlag Friedrich Pfeil. 168 pp., figs. [general]
- Huber, Werner**  
2009. See Krenn, H. W. et al., 2009.  
2010. See Albert, R. et al., 2010.
- Huddleston, Ellis Wright [1935-2013]**  
1977. See Ward, C. R. et al., 1977.
- Hübner, Jacob [1761-1826]**  
[1806]a. *Tentamen determinationis digestionis atque denominationis singularum stirpium lepidopterorum, peritis ad inspiciendum et dijudicandum communicatum*. [Augsburg, Jacob Hübner]. [2] pp. [general; see ICZN, 1926]  
[1806]b-[1807]a. *Sammlung exotischer Schmetterlinge*. Augsburg, Jacob Hübner. 1: [1-4] ([1807]), pls. [1-2, 5-8, 12, 15 (1st issue), 12 (2nd issue), 29, 47] ([August-15 November 1806]), pls. [9, 11, 17, 21, 25-27, 32, 35, 43-44, 56, 60, 79, 102, 104, 116, 141, 148, 150-151, 155, 159, 200] ([1 January-19 December 1807]), pls. [19, 39, 57, 73, 82, 114, 157, 167, 170, 173, 187] ([2 January-22 December 1807]) [general; new taxa: *Nereis* (new genus) *doto*, *N. cymo*, *N. neso*, *N. ninonia*, *N. dianasa*, *N. thelxiope*, *N. thamar*, *Limnas* (new genus) *leucosia*, *Hamadryas*, *Nereis eunice*, *Limnas halimede*, *Lemonias* (new genus) *zygia*, *Dryas*, *Najas*, *Potamis leonte*, *Rusticus*, *Princeps Mancipium*, *Consul*, *Urbanus* (new genus) *thraso*, *U. niveus*, *Oreas*; Brazil, Peru, Surinam]  
[1807]b-[1809]. *Sammlung...* Augsburg, Jacob Hübner. 1: [5-12] ([1807-6 April 1809]) [genera; Brazil, Surinam]  
1808a. *Erste Beiträge zur Sammlung exotischer Schmetterlinge, bestehend in genauer und richtiger Bekundigung einzeln erworbener Bildermuster neuerfundener amerikanischer und columbianischer Schmetterlinggattungen*. Augsburg, Jacob Hübner. 8 pp. [general; rejected for nomenclatural purposes, see ICZN (1966h)]  
[1808]b. *Sammlung...* Augsburg, Jacob Hübner. 1: pls. [3, 31, 37, 46, 54, 58, 62, 76, 84, 92, 95, 105, 112-113, 117, 137-138, 146, 154, 158, 180, 209] [general; new species: *Nereis reckia*, *Limnas molpe*, *Lemonias alphaea*, *Hamadryas jucunda*, *Potamis invirae*, *Mancipium nise*, *Urbanus dorantes*, *U. mys*; Brazil, West Indies]  
[1808]c-[1809]a. *Zuträge zur Sammlung exotischer Schmettlinge, bestehend in Bekundigung einzelner Fliegmuster neuer oder rarer nichteuropäischer Gattungen*. Augsburg, Jacob Hübner. 1: pls. [1-2] ([1808-6 April 1809]) [no names]  
[1809]b. *Sammlung...* Augsburg, Jacob Hübner. 1: pls. [16, 28, 65, 89, 142, 160, 162, 182, 188, 193] ([1 January-9 April]), pls. [4, 22, 42, 53, 61, 88, 90, 97, 100, 107, 110, 118, 120, 140, 143, 149, 161, 171, 184, 196, 202] ([10 April-31 December]) [general; new species: *Urbanus scurra*, *Nereis aegle*, *Rusticus minyas*, *Princeps caudius*, *P. capys*, *Mancipium brephos*; Surinam, Brazil]  
[1809]c-[1813]a. *Zuträge zur Sammlung exotischer Schmettlinge, bestehend in Bekundigung einzelner Fliegmuster neuer oder rarer nichteuropäischer Gattungen*. Augsburg, Jacob Hübner. 1: pls. [3-25] ([7 April 1809-20 June 1813]) [no names]  
[1810]-[1814]a. *Sammlung...* Augsburg, Jacob Hübner. 1: pls. [10, 18, 30, 41, 51, 80, 144, 172, 189] ([1810]), pls. [36, 70, 87, 91, 101, 124, 129, 177, 183, 207, 210] ([1811]), pls. [20, 38, 45, 55, 85, 98, 103, 108, 136, 152-153, 156, 163, 179, 186, 190, 205-206] ([1812]), pls. [13-14, 40, 48, 50, 67, 74, 86, 119, 121, 130, 135, 175-176, 197-199, 203-204, 212] ([1 January-20 June 1813]), pls. [72, 75, 77-78, 83, 93, 109, 111, 115, 128, 131, 165, 174, 194] ([21 June-31 December 1813]), pls. [24, 49, 52, 63-64, 66, 68-69, 71, 81, 123, 145, 192] ([1 January-12 March 1814]) [general; new species: *Dryas gorgone*, *Hamadryas evarete*, *Lemonias luciana*, *Potamis laertes*, *Oreas canthe*, *Rusticus poeas*, *Princeps pompejus*, *Limnas plexippe*, *Hamadryas carye*, *Urbanus phalaenoides*, *U. erosus*, *Nereis delila*, *Princeps echemon*, *Potamis demophoon*, *P. thalpius*; Surinam, Brazil]  
[1813]b. *Sammlung europäischer [sic] Schmetterlinge*. Augsburg, Author. Plate 142 ([20 June]) [new species: *Papilio tartarus* (= *Pyrgus oileus orcus*)]  
[1814]b-[1818]a. *Zuträge zur Sammlung exotischer Schmettlinge, bestehend in Bekundigung einzelner Fliegmuster neuer oder rarer nichteuropäischer Gattungen*. Augsburg, Jacob Hübner. 1: pls. [26-35] ([13 March 1814-22 December 1818]) [no names]  
[1815]. *Sammlung...* Augsburg, Jacob Hübner. 1: pls. [26, 132-134, 168] [general; new species: *Princeps echelus*]  
[1816]a. *Sammlung...* Augsburg, Jacob Hübner. 1: pls. [23, 96, 122, 125, 169, 195] [general; new species: *Limnas vincetoxici*, *Oreas sapphira*, *Princeps maricus*; Brazil]  
1816b. *Verzeichniss bekannter Schmettlinge*. Augsburg, Jacob Hübner. (1): 1-16 (21 September-31 December) [general; new taxa: *Hymenitis* (new genus) *diaphane*, *Ithomia* (new genus) *drymo*, *Oleria*, *Thyridia*, *Aeria* (new genus) *reckii*, *Ceratinia*, *Sais*, *Dismorphia*, *Eueides* (new genus) *pione*, *Melinaea*, *Migonitis* (new genus) *crenis*, *Sunias*,



- Apostraphia*, *Sicyonia*, *Ajantis*, *Anosia* (new genus) *archippe*, *A. vinedoxici*, *A. erippe*, *A. eresima*]
- [1817]-[1818]c. *Sammlung...* Augsburg, Jacob Hübner. 1: pls. [33, 99, 127, 185, 213] ([1817]), pls. [59, 106, 147, 164, 208, 211] ([1818]) [general; new species: *Limnas nyx*, *Mancipium menippe*; Cuba, Surinam]
- 1818b. *Zuträge zur Sammlung exotischer Schmettlinge, bestehend in Bekundigung einzelner Fliegmuster neuer oder rarer nichteuropäischer Gattungen.* Augsburg, Jacob Hübner. 1: 1-40 (after 22 December) [general; new taxa: *Stalactis* (new genus) *phaedusa*, *Macrosoma* (new genus) *tipulata*, *Bithys* (new genus) *leucophaeus*, *Hemiargus*, *Euptychia* (new genus) *mollina*, *Strymon* (new genus) *melinus*, *Hymenitis sao*, *Migonitis aoede*, *Sicyonia apseudes*, *Synchloe* (new genus) *autodice*, *Thiridia* (new genus) *themisto*, *Jalmenus*, *Cecrops* (new genus) *zarex*, *Theritas* (new genus) *mavors*, *Marpesia* (new genus) *eleuchea*; South America, West Indies]
- [1819]a. *Verzeichniss...* Augsburg, Jacob Hübner. (2-8): 17-128 (early 1819) [general; new taxa: *Didonis*, *Eurybia nicaea*, *Hamanumida* (new genus) *actoria*, *H. thase*, *H. lusia*, *Polystichtis* (new genus) *cerea*, *P. zeangira*, *P. mandane*, *Synargis* (new genus) *phyllea*, *S. orestessa*, *S. sorane*, *Echenais* (new genus) *aria*, *E. misenessa*, *E. emyllia*, *E. luciane*, *E. crispa*, *Hamearis* (new genus) *abarissa*, *H. epule*, *Aphacitis*, *Thysonotis* (new genus) *athemaena*, *Peplia* (new genus) *pelope*, *P. lisimaena*, *P. damaena*, *P. menalcis*, *P. mante*, *P. ariste*, *Mesosemia* (new genus) *icare*, *M. philoclessa*, *M. coea*, *M. ultio*, *Charis* (new genus) *gyadis*, *C. ania*, *Baeotis* (new genus) *hisbaena*, *B. uranis*, *Emesis pharea*, *E. epaphe*, *E. menetis*, *Erycina perdita*, *E. lysippe*, *Hexuropteris* (new genus) *endymiaena*, *H. cupidina*, *Ancyluris* (new genus) *pirete*, *A. periantra*, *Syrmatia* (new genus) *rhete*, *S. aulestis*, *S. chorinea*, *Euselasia* (new genus) *crotope*, *E. lygenia*, *E. arbassa*, *E. tenage*, *E. gelaena*, *E. telecta*, *Erythia* (new genus) *labdaca*, *E. gelanoris*, *Anatole*, *Thisbe*, *Pandemos* (new genus) *arcassa*, *P. lagis*, *Hesperia* (new genus) *jaera*, *H. tale*, *H. cingula*, *Melanis* (new genus) *melandra*, *M. pherecla*, *M. agyrte*, *Symmachia* (new genus) *ochima*, *S. probetrix*, *Hyphilaria* (new genus) *nicia*, *Amarynthis*, *Actinote*, *Phyciodes*, *Dione*, *Colaenis*, *Anartia*, *Temenis*, *Junonia*, *Apatura*, *Historis* (new genus) *odia*, *Athena*, *Callianira* (new genus) *ephestiaena*, *Catonephele* (new genus) *eupalemaena*, *Tigridia*, *Dynamine*, *Nessaea*, *Callicore*, *Ageronia*, *Adelpha* (new genus) *basilis*, *A. phliase*, *Neptis* [nec Fabricius, 1807], *Pyrrhogyra*, *Metamorpha* (new genus) *elissa*, *M. sthenele*, *Pantoporia*, *Marpesia zosteria*, *M. chironias*, *Coea*, *Anaea* (new genus) *laertias*, *A. acidalia*, *Memphis*, *Zaretis*, *Morpho* (new genus) [nec Fabricius, 1807] *omphale*, *M. demophaena*, *M. sysiphe*, *M. amphimache*, *M. antimache*, *Doxocopa*, *Megamede* (new genus) *rhetenoris*, *M. chalciope*, *Bia* (new genus) *actoriaena*, *Moera* (new genus) *adonidis*, *M. automedaena*, *Caligo* (new genus) *teucra*, *C. idomenea*, *C. euriloche*, *C. ollionea*, *Leonte* (new genus) *deidamia*, *L. menelae*, *L. achilleja*, *L. telemache*, *Cithaerias* (new genus) *cissa*, *Pieris* (new genus) [nec Schrank, 1801] *dracontis*, *P. philoctetis*, *E. hermessa*, *E. chlorimene*, *Megisto*, *Faunis*, *Taygetis* (new genus) *fatua*, *Hypna* (new genus) *clytemnestra*, *Caerois* (new genus) *arcesilae*, *Tisiphone*, *Evonyme*, *Eunica*, *Callidula*, *Asterope* (new genus) *theane*, *Eumaeus*, *Lampides*, *Hyreus*, *Jamides*, *Triopades*, *Bithys tyrrhenus*, *B. lydus*, *Chalybs*, *Tmolus*, *Oenomaus*, *Zesius*, *Oxyliades*, *Anteros*, *Cupido* [nec Schrank, 1801], *Evenus*, *Thestiis*, *Molus*, *Thereus*, *Panthiades*, *Parrhasius*, *Mithras* (new genus) *metus*, *Olynthus*, *Brangas*, *Atlides* (new genus) *scamander*, *Cycnus*, *Marmessus*, *Iphicliades*, *Heraclides* (new genus) *oxilus*, *Laertias*, *Menelaides*, *Calaides* (new genus) *menatius*, *Priamides* (new genus) *hipponous*, *P. brissonius*, *Parides* (new genus) *garasus*, *Ithobalus*, *Mylothris* (new genus) *agrippina*, *M. hippomonuste*, *Perrhybris*, *Enantia* (new genus) *lininia* [lapsus = *licinia* Cramer], *Eurema* (new genus) *demoditas*, *E. jodutta*, *Abaeis*, *Catopsilia*, *Phoebis* (new genus) *cypris*, *Colias* (new genus) [nec Fabricius, 1807] *corday*, *Anteos*, *Protogonius*, *Haemonides* (new genus) *cronis*, *Cabirus* (new genus) *julettus*, *Castnius*, *Pyrrhopyge*, *Phocides* (new genus) *cruentus*, *Astraptes* (new genus) *pervivax*, *Telegonus*, *Goniurus*, *Proteides*, *Thracides*, *Epargyreus*, *Talides*, *Telemiades*, *Celaenorhinus*, *Calpodes*, *Phlebo-* *des*, *Achlyodes*, *Antigonus*, *Nisoniades*, *Pyrgus*, *Tharops*, *Aetheius*, *Erycides* (new genus) *megalesius*, *Myscelus*, *Pythonides* (new genus) *cerberus*, *Ephyriades*, *Scoptes*, *Pheмиades*, *Augiades*, *Thymelicus*, *Apaustus*, *Brontiades* (new genus) *petrus*, *Entheus*, *Carystus*, *Spioniades*, *Phanus*, *Cobalus*, *Paramimus*]
- [1819]b. *Sammlung...* Augsburg, Jacob Hübner. 1: pls. [34, 94, 191, 202]; 2: pls. [90, 180, 223] [the [4] pp. of the *Index systematicus* for volume 1 were published between 1819 and 20 April 1823] [general; new taxa: *Napaea* (new genus) *actoris*, *Tmolus eurytulus*; Surinam]
- [1819]c-[1821]a. *Zuträge zur Sammlung exotischer Schmettlinge, bestehend in Bekundigung einzelner Fliegmuster neuer oder rarer nichteuropäischer Gattungen.* Augsburg, Jacob Hübner. 2: pls. [36-38] ([1819]), pls. [39-66] ([1819-1821]) [no names]
- 1820a. *Lepidopterologische Zuträge.* Augsburg, Jacob Hübner. 32 pp. [facsimile published by F. J. Griffin in *Journal of the Society for the Bibliography of natural History* 1(6): 161-192; 1938] [general]
- [1820]b-[1821]b. *Sammlung...* Augsburg, Jacob Hübner. 2: pls. [2, 12, 16, 78, 141, 182] ([1820]), pls. [11, 13, 24, 77, 83, 97, 102-103, 108-109, 116-117, 122, 147, 150, 164, 183, 195, 197, 212-214] ([1 January-mid May 1821]), pls. [14, 18-19, 26, 38-39, 43, 68, 70-71, 74, 84, 86, 92, 94-95, 106, 114, 121, 161, 169, 174, 177-178, 184, 194, 200, 204-205, 207-208, 210] ([mid May-31 December 1821]) [general; new taxa: *Mechanites* [sic] *nesaea*, *Eurybia upis*, *Helicopis pais*, *Leonte epistrophis*, *Echenais leucophaea*, *Leonte portis*, *Taygetis ypthima*, *Menelaides bunichus*, *Niconiades* (new genus) *xanthaphes*, *Actinote pellenea*, *Hypanartia* (new genus) *demonica*, *Sagaritis* (new genus) *oriseis*, *Caligo creusa*, *C. batea*, *C. syme*, *Leonte nestira*, *Tisiphone hercyna*, *Eurytides* (new genus) *iphitas*, *Iphicliades diaphorus*, *Hectorides lysithous*, *Ithobalus hyperion*, *Perrhybris eieidias*; Brazil]
- 1821c. *Index exoticorum lepidopterorum, in foliis 244 a Jacobo Hübner hactenus effigiatorum; adjectis denominationibus emendatis, tam communioribus quam exactioribus.* Augustae Vindelicorum, Jacob Hübner. 7 pp. (22 December) [general; new genera: *Crenis*, *Eueides* [= *Eueides*], *Hectorides*, *Heliochlaena*, *Hexuroptera* [emendatio or lapsus, = *Hexuropteris*], *Hypothyris*; new names: *Aeria reckii*, *Leonte achillessa*, *Crenis brylle*, *Asterope sapphyra*, *Echenais lucetia*, *Goniurus teleus*; new species: *Goniurus torones*]
- [1821]d-[1822]a. *Zuträge zur Sammlung exotischer Schmettlinge, bestehend in Bekundigung einzelner Fliegmuster neuer oder rarer nichteuropäischer Gattungen.* Augsburg, Jacob Hübner. 2: pls. [67-69] ([1821-23 December 1822]) [no names]
- [1822]b. *Sammlung...* Augsburg, Jacob Hübner. 2: pls. [33, 72, 76,

- 115, 131, 138-139, 153, 198, 211, 218, 220] ([1 January-22 December]), pls. [32, 75, 81, 93, 105, 129] ([1 January-31 December]) [general; new taxa: *Caligo arisbe*, *Leonte aega*, *Junonia coenia*, *Antirrhoea* (new genus) *archaea*]
- 1823a. *Zuträge zur Sammlung exotischer Schmetterlinge, bestehend in Bekundigung einzelner Fliegmuster neuer oder rarer nichteuropäischer Gattungen*. Augsburg, Jacob Hübner. 2: 1-40 ([1 January-20 April]) [general; new taxa: *Colaenis mereaui*, *Erythia catoleuce*, *E. melaphaea*, *Lampides balliston*, *Adelpha plesaura*, *Megisto acmenis*, *Oleria dero*, *Autochton* (new genus) *itylus*, *Caria* (new genus) *colubris*, *Neonympha cosmophila*, *Phemiades ephesus*, *Mylothris molpadia*, *Zesius phaeomallus*, *Calisto* (new genus) *herophile*, *Pyrrhopyge hyperici*, *Psalidopterus* (new genus) *nycha*, *Goniurus chalco*, *Salacia* (new genus) *phyllodoce*, *Mimoniades* (new genus) *ocyalus*, *Echenais chia*, *Colotis pyrrhothea*, *Heliconia langsdorfii*, *Sironia* (new genus) *tithia*, *Callicore lyrophila*; Central and South America, West Indies]
- [1823]b-[1824]a. *Sammlung...* Augsburg, Jacob Hübner. 1: [13-36] ([21 April 1823-22 December 1824]); 2: pls. [1, 6, 22-23, 25, 27, 29-31, 34-37, 40-41, 48, 50-53, 56, 58-59, 64-66, 69, 73, 87, 89, 91, 96, 99-101, 107, 110, 124, 128, 130, 132-137, 142, 155-158, 160, 162-163, 165-167, 170-173, 175-176, 187-188, 196, 199, 201-202, 206, 215-216, 219, 222, 224] ([21 April-22 December 1823]), pls. [54, 118, 143, 149, 159, 179, 181, 185, 203, 217] ([1 January-23 December 1824]) [general; new taxa: *Mechanites* [sic] *eucrate*, *Anetia* (new genus) *numidia*, *Hypanartia tecmesia*, *Temenis orea*, *Lucinia* (new genus) *sida*, *Dynamine arene*, *Ageronia fornax*, *A. februa*, *Siproeta* (new genus) *trayja*, *Marpesia zerynthia*, *Siderone* (new genus) *ide*, *Morpho chalciope*, *Catargyris* (new species) *laura*, *Smyrna*, *Brassolis invirae*, *Leonte achillaena*, *Eunica hyperipte*, *Heraclides andraemon*, *H. lycophon*, *Colias thalestris*, *C. neocypris*, *Hecarge motya*, *Anastrus* (new genus) *obscurus*; Cuba, Brazil, Hispaniola, Jamaica]
- [1824]b-[1825]a. *Zuträge zur Sammlung exotischer Schmetterlinge, bestehend in Bekanntmachung einzelner Geschlechter neuer oder seltener nichteuropäischer Gattungen*. Augsburg, Jacob Hübner. 3: pls. [70-100] ([1 January-23 December 1824]), pls. [101-103] ([1825]) [no names]
- [1825]b. *Sammlung...* Augsburg, Jacob Hübner. 2: pls. [15, 20, 45, 55, 60, 62-63, 67, 79, 104, 111-113, 120, 125, 127, 140, 145-146, 148, 154, 168, 190-193, 221, 225] ([1 January-26 August]) [general; new taxa: *Dione moneta*, *Mestra* (new genus) *hypermestra*, *Corycia appias*, *Catargyria seraphina*, *C. druryi*, *Brassolis amphirhoe*, *Menelaides chirodamas*, *Troilides* (new genus) *tros*, *Ithobalus xenodamas*, *Mylothris margarita*, *Catophaga buniae*, *Telegonus tarchon*, *Epargyreus* (new genus) *socus*, *Talides athenion*]
- [1825]c. *Catalogue des lépidoptères que composent la collection de feu Mr. Franck. Verzeichniss der Sammlung von Schmetterlingen des vor kurzem verstorbenen Herrn J. R. Franck, welche zum Kauf angeboten wird*. Strasbourg, Mme. Veuve Silbermann. [4] + 108 pp. ([30 November]) [general]
- [1825]d. *Verzeichniss...* Augsburg, Jacob Hübner. (20-27): 305-431. [*Macrosoma tipulata* Hübner]
- [1825]e-[1826]a. *Sammlung...* Augsburg, Jacob Hübner. 2: pls. [8-9, 49, 88, 152, 189] ([1 January-22 December 1825]), pls. [3-5, 10, 80, 144, 151] ([23-31 December 1825]), pls. [7, 17, 21, 28, 44, 46-47, 57, 61, 82, 123, 126] ([1 January-12 September 1826]) [general; new taxa: *Oileides* (new genus) *vulpinus*, *Eieides halia*, *Phlogris*, *Polygonus* (new genus) *lividus*, *Oileides zephodes*, *Anosia megalippe*, *Nica*]
- [1826]b. *Anzeiger der im Verzeichnisse bekannter Schmettlinge angenommenen Benennungen ihrer Horden, Rotten, Stämme, Familien, Vereine und Gattungen*. Augsburg, Jacob Hübner. 72 pp. ([before 10 September]) [general]
- [1826]c. *Zuträge zur Sammlung exotischer Schmetterlinge, bestehend in Bekanntmachung einzelner Geschlechter neuer oder seltener nichteuropäischer Arten*. Augsburg, Jacob Hübner. 4: pls. [104-131] ([1 January-13 September]) [no names]
- [1827]-[1829]. *Zuträge zur Sammlung exotischer Schmetterlinge, bestehend in Bekanntmachung einzelner Geschlechter neuer oder seltener nichteuropäischer Gattungen*. Augsburg, Jacob Hübner. 3: 1-48 ([2 July 1827-31 December 1829]) [general; new taxa: *Migonitis burneyi*, *Anaea otrere*, *Mimoniades mulcifer*, *Bythis*, *Baetis melanis*, *Archonias* (new genus) *marcias*, *Delias bithys*, *Temenis phaesyia*, *Dysmorphia* (emendation of *Dismorphia*) *astyocha*, *Lychnuchus* (new genus) *olenus*, *Hectorides proneus*, *Cobalus triangularis*, *Anartia chrysopelea*, *Eueides ethra*, *Anaea verticordia*, *Eueides eucoma*, *Celaenorhinus lucifer*, *C. phaeomelas*; Brazil, Venezuela, Surinam, West Indies]
- Huergo, José María**  
1917. *Cuadro sinóptico de las principales enfermedades, plagas y accidentes de las plantas y sus tratamientos*. Buenos Aires, División de Fomento Agrícola. Dirección General de Agricultura y Defensa Agrícola. Ministerio de Agricultura de la Nación. 23 pp. [*Colias lesbia* (Fabricius); host plant; Argentina]
- Huerta, Inés María Teresa**  
1998. See Aragón, A. et al., 1998.
- Huerta, Manuel**  
2011. See Aragón, A. et al., 2011.
- Huertas, Blanca Cecilia**  
2001. See Arias, J. J. & B. C. Huertas, 2001.  
2004a. Why are black and white and red all over? An overview of the biology of the Heliconiini (Lepidoptera: Nymphalidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 141-153 (November) [general]  
2004b. The genus *Adelpha*: Its systematics, biology and biogeography (Lepidoptera: Nymphalidae: Limenitini). Willmott Keith. 2003. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 360-361 (November) [general; book review]  
2004c. See Donegan, T. M. et al., 2004.  
2011. A new species of Satyrinae butterfly from Peru (Nymphalidae: Satyrini: Euptychiina). *Zootaxa* 2802: 63-68, 2 figs. (28 March) [*Splendeuptychia mercedes*]  
2012. See Rosser, N. et al., 2012.  
2013. See Merckx, T. et al., 2013.  
2014. See Blandin, P. et al., 2014a.  
2015. See Van Swaay, C. et al., 2015.  
2017a. See Zacca, T. et al., 2017a.  
2017b. See Zubek, A. et al., 2017.  
2017c. See Montejo-Kovacevich, G. et al., 2017.  
2017d. See Vane-Wright, R. I. et al., 2017.  
2018a. See Nakahara et al., 2018a.  
2018b. See Zacca, T. et al., 2018.  
2019a. See Espeland, M. et al., 2019.  
2019b. See Nakahara, S. et al., 2019a.  
2019c. See Rosser, N. et al., 2019a.  
2019d. See Willmott, K. R. et al., 2019.  
2019e. See Cuthill, J. F. et al., 2019.  
2019f. See Marín, M. A. et al., 2019.  
2019g. See Nakahara, S. et al., 2019b.

- Huertas, Blanca Cecilia, and John Jairo Arias**  
 2007a. Estudio preliminar de la entomofauna de la Serranía de los Churumbelos: mariposas diurnas y escarabajos coprófagos. *Conservación colombiana* 3: 67-76, 5 figs. (August) [general; Colombia]
- 2007b. A new butterfly species from the Colombian Andes and a review of the taxonomy of the genera *Idioneurula* Strand, 1932 and *Tamania* Pyrcz, 1995 (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 1652: 27-40, 5 figs., 1 tab. (3 December) [*I. donegani*; Venezuela]
- Huertas, Blanca Cecilia, and Giovanny Fagua**  
 2011. Distribution and conservation status of nominate *Euptychia cesarensis* in the East Andes of Colombia. *Zootaxa* 2906: 66-68 (3 June)
- Huertas, Blanca Cecilia, Gerardo Lamas, Giovanny Fagua, James Louis Borlase Mallet, Shinichi Nakahara and Keith Richard Willmott**  
 2016. A remarkable new butterfly species from western Amazonia (Lepidoptera: Nymphalidae: Satyrinae). *Conservación colombiana* 24: 5-11, 3 figs. (27 October) [*Magneuptychia pax*; Colombia, Ecuador, Peru]
- Huertas, Blanca Cecilia, Andrew Moorwood, Francisco Forero, Richard Kirby, Arturo Rodríguez and Thomas Doyer**  
 2015. Cada punto cuenta. Nuevos registros encontrados durante una evaluación rápida de diversidad en uno de los tepuyes del Parque Nacional Serranía de Chiribiquete, durante la filmación del documental de National Geographic 'Wild Colombia' y de la película 'Colombia Magia Salvaje'. *Conservación colombiana* 23: 82-90, 7 figs., 3 tabs. (October) [general]
- Huertas, Blanca Cecilia, and Víctor Danilo Palacios-Mayoral**  
 2018. *Some butterflies of La Chocoana and surroundings. Nuquí region, Chocó, Colombia. Algunas mariposas de la Chocoana y sus alrededores. Región de Nuquí, Chocó, Colombia.* [London], Authors. 2 pp., figs. (October) [general]
- Huertas, Blanca Cecilia, Indiana (= Jeisson) Cristóbal Ríos and Jean François Le Crom**  
 2009. A new species of *Splendeuptychia* from the Magdalena Valley in Colombia (Lepidoptera: Nymphalidae, Satyrinae). *Zootaxa* 2014: 51-58, 2 figs. (18 February) [*S. ackeryi*]
- Hughes, Daniel S. T.**  
 2012. See Dasmahapatra, K. K. et al., 2012.
- Hughes, Griffith** [1706/7- ?]  
 1750. *The Natural History of Barbados. In ten books.* London, Author. [xvii] + viii + 334 pp., 30 pls. [general; host plants]
- Hughes, Harold W. D.**  
 2004. See Vane-Wright, R. I. & H. W. D. Hughes, 2004.  
 2005. See Vane-Wright, R. I. & H. W. D. Hughes, 2005.  
 2007. See Vane-Wright, R. I. & H. W. D. Hughes, 2007.
- Hughes, Idwal Walwyn**  
 1959. See Bennett, F. D. & I. W. Hughes, 1959.
- Hughes, Jane M.**  
 2002. See Shephard, J. M. et al., 2002.
- Hughes, Jennifer B., Gretchen C. Daily and Paul Ralph Ehrlich**  
 1999. Use of fruit bait traps for monitoring of butterflies (Lepidoptera: Nymphalidae). *Revista de Biología tropical* (San José) 46(3): 697-704, 4 tabs. (January) [general; Costa Rica]
- Hughes, Robert ("Robin") A.** [1934-1991]  
 1956. Notes on the butterflies of the Arequipa district of South-west Peru. *Entomologist* 89(1121): 248-252 (24 October) [general]  
 1957. Migratory movements of *Vanessa carye* Hübner (Lep. Nymphalidae) on the south coast of Peru. *Entomologist* 90(1129): 153-155 (25 June)  
 1958a. Butterfly collecting in the high Andes of southern Peru, March 1956. *Entomologist* 91(1136): 1-8 (21 January), (1137): 33-37 (18 February) [general]  
 1958b. Migrant butterflies along the Peruvian coast. *Entomologist* 91(1143): 181-187, 1 map (21 August) [general]  
 1959a. Notes on the butterfly fauna of Tingo Maria, East-central Peru. *Entomologist* 92(1151): 80-87 (14 April) [general]  
 1959b. Notes on the butterflies of the Valle de La Convencion, South-east Peru. *Entomologist* 92(1158): 223-231 (11 December) [general]  
 1960. Tropical migrants at Cuzco, Peru. *Entomologist* 93(1167): 189-190 (21 September) [general]  
 1962. Notes on the butterfly fauna of Machupicchu, South-east Peru. *Entomologist* 95(1186): 65-73 (22 March) [general]
- Huheey, James Edward** [1935- ]  
 1976. Studies in warning coloration and mimicry. VII. Evolutionary consequences of a Batesian-Mullerian spectrum: A model for Mullerian mimicry. *Evolution* 30(1): 86-93 (7 May) [general]  
 1984. *Warning coloration and mimicry*, pp. 257-297, 3 figs., 2 tabs. In: Bell, W. J. & R. T. Cardé (Eds.), *Chemical Ecology of Insects*. London, Chapman and Hall Ltd. [general]  
 1988. Mathematical models of mimicry. *American Naturalist* 131(supplement): 22-41, 2 figs., 2 tabs. (June) [general]
- Hui, Jerome H. L.**  
 2015. See Quah, S. et al., 2015.
- Huigens, Martinus E.**  
 2010. See Guerrieri, E. et al., 2010.  
 2019. See Woelke, J. B. et al., 2019.
- Huñapi, Percy**  
 2017. See Vásquez, J. et al., 2017.
- Huis, Arnold van, Joost Van Itterbeeck, Harmke Klunder, Esther Mertens, Afton Halloran, Giulia Muir and Paul Vantomme**  
 2013. Edible insects: future prospects for food and feed security. *FAO Forestry Paper* 171: 1-xvi, 1-187, figs., tabs. (after 18 March) [also a simultaneous French version] [*Aegiale hesperiaris* (Walker); host plants; Mexico]
- Hull, Laurence**  
 1976. See Andresen, J. et al., 1976.
- Hulstaert, Gustaaf** [1900-1990]  
 [1932]. Lepidoptera. Subfam. Danaidinae & Tellervinae. *Genera Insectorum* 193: 1-215, 6 pls. ("1931" [21 March 1932]) [general; Neotropics]
- Humire, Rolando**  
 2012. See Despland, E. et al., 2012.
- Humphray, Sean J.**  
 2006. See Joron, M. et al., 2006b.  
 2008. See Baxter, S. W. et al., 2008.
- Humphries, Christopher John** [1947-2009]  
 1991. See Vane-Wright, R. I. et al., 1991.
- Hunt, David James**  
 1978. Butterfly records from St. Lucia, West Indies. *Entomologist's Record and Journal of Variation* 90(3): 80 (15 March) [*Allosmaitia piplea* (Godman & Salvin), *Phoebis philea* (Linnaeus), *Papilio androgeus* Cramer]
- Hunt, David James, and Graham Arthur Mitchell**  
 1979. *A recognition guide to the insects of St. Lucia. 1: Butterflies. Lep., Hesperioidea + Papilionoidea.* St. Lucia Naturalists' Society. v + 38 pp., 10 pls., 4 figs. [general]
- Hunt, Joni Phelps** [1956- ]  
 1992. *A shimmer of butterflies.* San Luis Obispo, Blake Publishing. 40 pp., figs. [general]
- Hunt, Robert E.**

1996. See Rathcke, B. J. et al., 1996.
- Huntington, Edgar Irving** [1886-1962]
1932. A list of the Rhopalocera of Barro Colorado Island, Canal Zone, Panama, with descriptions of two new species of Theclinae. *Bulletin of the American Museum of Natural History* 63(3): 191-230, 2 figs. (16 April) [general; *Thecla lutzi*, *T. watsoni*]
1933. Erycinidae and Lycaenidae (Lepidoptera, Rhopalocera) from the regions of Mt. Roraima and Mt. Duida. *American Museum Novitates* 611: 1-5 (8 May) [general; Brazil, Venezuela, Guyana]
1943. See Comstock, W. P. & E. I. Huntington, 1943.
1944. *Thecla burdi* Kaye, a synonym. *Journal of the New York Entomological Society* 52(4): 328 (19 December) [West Indies]
1950. See Comstock, W. P. & E. I. Huntington, 1950.
- 1959-64. See Comstock, W. P. & E. I. Huntington, 1959-1964.
- Hurdis, John Lewis** [1801-1889]
1897. *Rough notes and memoranda relating to the natural history of the Bermudas*. London, R. H. Porter. viii + 408 pp. [Edited by H. J. Hurdis] [general; host plants; behavior]
- Hurtado, Johanna**
2011. See Laurance, W. F. et al., 2011.
- Hurtado, Leonardo, Aleida Yanes and Mayda Pérez**
1998. Entomofauna asociada a *Vigna luteola* (Jacq) Benth. *Centro agrícola* 25(2): 23-25, 1 tab. (May-August) [*Hemiargus hanno filenus* (Poey); host plant; Cuba]
- Hurtado, Magda Johana**
2009. See Constantino, L. M. & M. J. Hurtado, 2009.
- Hurtado, Paul J.**
2018. See Slinn, H. L. et al., 2018.
- Hurtado, Priscilla**
2004. See Nielsen, V. et al., 2004.
- Hurtado, Rosember**
2006. See Molina-Montenegro, M. A. et al., 2006.
- Husband, Brian C., and Spencer C. H. Barrett**
1992. Pollinator visitation in populations of tristylous *Eichhornia paniculata* in northeastern Brazil. *Oecologia* 89(3): 365-371, 5 tabs. (March) [general]
- Hussein, Ahmed A.**
2015. See Raudsepp-Hearne, C. et al., 2015.
- Hussein, Shafinaz**
2005. See Underwood, D. L. A. et al., 2005.
- Hutchings, Roger William**
1992. See Bierregaard, R. O., Jr. et al., 1992.
1997. See Brown, K. S., Jr. & R. G. Hutchings, 1997.
2012. See Casagrande, M. M. et al., 2012.
- Hutsebaut, Jacques**
2017. See Verhulst, J. T. & J. Hutsebaut, 2017.
- Hutsebaut, Jacques, and Joseph T. Verhulst**
2017. Un élevage de *Vanessa virginiensis* (Drury, [1773]) au départ de chenilles trouvées sur trois îles de l'archipel canarien (Lepidoptera, Nymphalidae). *Lambillionea* 117(2): 155-168, 16 figs., 1 map (June) [distribution; Neotropics]
- Huytens de Cerbecq, François Eugène Edmond** [1851-1931]
1872. Butterfly scales. *The monthly microscopical Journal* 7(1): 24-26 (1 January) [general; Brazil]
- Hyatt, Martin B.**
1986. See Calvert, W. H. et al., 1986.

**Iannuzzi, Luciana**

2005. See Barbosa, V. S. et al., 2005.  
2006. See Freitas, A. V. L. et al., 2006.  
2012. See Nobre, C. E. B. et al., 2012.  
2016. See Filgueiras, B. K. C. et al., 2016.  
2019. See Melo, D. H. A. et al., 2019b.

**Iashenkova, Yaroslava**

2019. See Lukhtanov, V. A. & Y. Iashenkova, 2019.

**Ibarra, Adalberto H.**

1949. *Sobre los principales insectos y ácaros perjudiciales observados en el Alto Valle del Río Negro*, pp. 15-16. In: *Primer Congreso de Técnicos entomólogos celebrado en la Ciudad de Tucumán*. Buenos Aires, Ministerio de Agricultura y Ganadería. [*Colias lesbia* (Fabricius); host plant; parasitoids; predator; Argentina]  
1952. Las *Araujia* (Asclepiadaceae) como destructoras de lepidópteros perjudiciales. *Idia* (Buenos Aires) 58: 11-14, 1 fig. (October) [general; Argentina]

**Ibarra, Adolfo [1948- ]**

2009. See Cuevas, M. del S. et al., 2009.  
2010. See Escalante, P. et al., 2010.  
2011. See Ramos, J. et al., 2011.  
2014. See Álvarez, H. et al., 2104.  
2016. See Álvarez, H. et al., 2016.

**Ibarra, Gregorio E.**

1968. See Velasco, H. et al., 1968.

**Ibarra, Jorge**

1992. See Espejo, A. et al., 1993.

**Ibarra, René Alberto**

2009. See Pescador, A. et al., 2009.  
2011. See Pescador, A. et al., 2011.  
2013. See Stanford-Camargo, S. G. et al., 2013,

**Ibarra-González, Marcela Patricia**

2003. See Silva, E. P. & M. P. Ibarra-González, 2003.  
2007. See Méndez, G. et al., 2007.  
2009. See Campos, F. V. et al., 2009.  
2013. See Stanford-Camargo, S. G. et al., 2013,  
2018. See Delgadillo-Romero, S. A. et al., 2018.

**Ibarra-González, Marcela Patricia, and Sergio Gerardo Stanford-Camargo**

2009. *Lepidópteros*, pp. 103-107, 399-408, figs., 1 tab. In: Ceballos, G. & R. List (Eds.), *La diversidad biológica del Estado de México. Estudio de estado*. Toluca de Lerdo, Gobierno del Estado de México. [general]

**Ibrahim, Muhammad**

- 2007a. See Tobar, D. E. et al., 2006.  
2007b. See Tobar, D. E. & M. Ibrahim, 2007.  
2010. See Tobar, D. E. & M. Ibrahim, 2010.

**Ichita, Tadao**

2010. Silvaniform *Heliconius* and its 'mimicry club'. *Yadoriga* 227: 6-15, 11 pls., 1 fig. [general; Central and South America]

**Iede, Edson Tadeu, and Débora Cristina Machado**

1989. Pragas da erva-mate (*Ilex paraguariensis* St. Hill.) e seu controle. *Boletim de Pesquisa florestal* (Curitiba) 18/19: 51-60 (June-December) [*Adelpha serpa hyas* (Boisduval); host plant; Brazil]

**Iemma, Luis Gustavo Rodrigues**

2011. See Penteado-Dias, A. M. et al., 2011.

**Iftner, David C., John Allen Shuey and John V. Calhoun**

1993. *Hemiargus ammon* (Lucas), a new butterfly for Jamaica (Lepidoptera, Lycaenidae). *Tropical Lepidoptera* 4(1): 37-38, 2 figs. ("30 July", [30 August])

**Igarashi, Suguru [1924-2008]**

1966. Swallowtails of the world (1). Notes on the classification of the Papilionidae on the basis of the morphology of their immature stages. [In Japanese]. *The Nature and Insects* 1(1): 4-8, 4 figs. (April) [*Baronia brevicornis* Salvin; Mexico]  
1969. [Examples of butterfly mimicry]. [In Japanese]. *Yadoriga* 58/59: 8-17, 5 pls. (1 October) [general]  
1976. What characterizes the genus *Chilasa*? It is represented in South America. [In Japanese]. *Yadoriga* 87/88: 3-16, figs., 1 tab. (25 December) [general; eggs, larvae, pupae, imagines; food plants; morphology; Neotropics]  
1979. *Papilionidae and their early stages*. Tokyo, Kodansha. 1: 220 pp., figs., maps; 2: 18 pp., 223 + 32 + 102 pls. [*Baronia brevicornis* Salvin, *Euryades corethrus* (Boisduval)]  
1984. The classification of the Papilionidae mainly based on the morphology of their immature stages. *Tyô to Ga* 34(2): 41-96, 33 figs., 3 tabs. (20 January) [general]

**Igarzábal, Daniel, Patricia del Carmen Fichetti and Marcelo Tognelli**

1994. Claves prácticas para la identificación de larvas de Lepidoptera en cultivos de importancia agrícola en Córdoba (Argentina). *Gayana (Zoología)* 58(2): 99-142, 100 figs. (December) [*Colias lesbia* (Fabricius); host plants]

**Iglesias, Lourdes G.**

2001. See Hernández-Baz, F. & L. G. Iglesias, 2001.

**Ihering, Hermann von [1850-1930]**

1897. Bibliographia. *Revista do Museu paulista* 2: 488-492 (28 December) [Brazil; book review]  
1929. Phylogenie und System der Tagfalter. *Entomologische Rundschau* 46(8): 29-30 (15 August), (9): 33-34 (15 September), (11): 41-42 (15 November) [general]

**Ihering, Rudolph Theodor Gaspar Wilhelm von [1883-1939]**

1908. Os lepidópteros do Brasil. (Borboletas). *O Entomologista brasileiro* (São Paulo) 1(5): 72-74, 27 figs. (15 August) [general]  
1913. O estudo e o commercio das borboletas. *Chácaras e Quintais* (São Paulo) 7(2): 1-5, 7 figs. (15 February) [general]  
1930. Borboletas - mariposas - traças (Ordem dos lepidópteros). *Boletim de Agricultura* (São Paulo) 31(7/8): 562-575, 2 pls. (July-August) [general; Brazil]

**Iijima, Sumio**

2013. See Miyako, E. et al., 2013.

**Ijbema, Natasja**

2014. See Wilts, B. D. et al., 2014.

**Ikeda, M. I.**

1970. See Eisner, T. et al., 1970.  
1971. See Eisner, T. et al., 1971.

**Iliff, Marshall J.**

2004. See Erickson, R. A. & M. J. Iliff, 2004.

**Illescas-Riquelme, Carlos Patricio**

2014. See Ruiz-Montiel, C. et al., 2014.

**Illig, Karl Gottwalt**

1902. Duftorgane der männlichen Schmetterlinge. *Zoologica* (Stuttgart) 38: 1-34, 5 pls. [general; morphology]

**Illiger, Johann Karl Wilhelm** [1775-1813]

1801. Neue Insekten. *Magazin für Insektenkunde* 1(1/2): 163-208 (after March) [*Papilio (Heros) beltrao*, *P. (Nobilis) nemesis*, *P. (Danaus) thalestris*; Brazil, República Dominicana]
- 1807a. Die neueste Gattungs-Eintheilung der Schmetterlinge aus den linnéischen Gattungen *Papilio* und *Sphinx*. *Magazin für Insektenkunde* 6: 277-295 ([before 11 September]) [attributed to Fabricius, but published anonymously; cf. Taeger, A. & R. Gaedike, 2001; however, the new generic names must be credited to Fabricius] [general; new genera: *Morpho*, *Apatura*, *Limenitis*, *Vanessa*, *Biblis*, *Hipparchia*, *Brassolis*, *Paphia*, *Argynnis*, *Colias*, *Haetera*, *Acraea*, *Mechanitis*, *Libythea*, *Melitaea*, *Helicopsis*, *Hesperia*, *Lycaena*, *Erycina*, *Thecla*, *Nymphidium*, *Danis*, *Emesis*, *Thymele*, *Helias*, *Pamphila*]
- 1807b. Naturgeschichte. *Allgemeine Literatur-Zeitung* (Halle) 1807(2)(303): 1177-1181 (19 December) [reprinted in A. F. Hemming's *Hübner*, vol. 2, pp. 43-45 (1937)] [general; new genera: *Brassolis*, *Emesis*, *Eurybia*, *Helicopsis*, *Hymenitis*, *Lemonias*, *Mechanitis*, *Neptis*]

**Illsey, Catarina**

1999. *Reservas naturales y su aprovechamiento en el área de la Reserva Especial de la Biosfera de la Mariposa Monarca*, pp. 323-334. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]

**Imbert, D.**

1999. See Saur, E. et al., 1999.

**Imhoff, Vance E.**

2014. See Gallant, J. R. et al., 2014.

**Im Thurn, Everard Ferdinand** [1852-1932]

1882. A journey to Mount Russell in Guiana. *Timehri* 1(2): 216-228 (December) [*Morpho*]

**Imwinkelried, José María**

2007. See Aragón, J. R. & J. M. Imwinkelried, 2007.

**Imwinkelried, José María, César E. Salto, Jorge E. Frana, Inés A. Berra and Oscar R. Quaino**

1990. Entomofauna presente en un alfalar del centro oeste de Santa Fe. *Publicación técnica. Estación experimental agropecuaria Rafaela* 49: 1-20, 1 fig., 8 tabs., 3 graphs (July) [*Colias lesbia* (Fabricius); host plant; Argentina]

**Inamine, Hidetoshi**

2018. See Agrawal, A. A. & H. Inamine, 2018.

**Inciarte, Eleodoro Andrés**

2006. See Domínguez, O. E. et al., 2006.  
2008. See Ramírez, R. A. et al., 2008.  
2013. See Vera, A. et al., 2013.

**Inclán, Diego J., Edgar Alvarado and Roger N. Williams**

2007. Evaluación de cuatro insecticidas naturales para el control de *Tecla*, *Strymon megarus* (Godart) (Lepidoptera: Lycaenidae), en el cultivo de piña. *Tierra tropical* 3(2): 199-210, 9 figs., 1 tab. [host plant; Costa Rica]

**Inclán, Diego J., Felipe J. Bermúdez, Edgar Alvarado, Mike Ellis, Roger N. Williams and Nuris Acosta**

2008. Comparison of biological and conventional insecticide treatments for the management of the pineapple fruit borer, *Strymon megarus* (Lepidoptera: Lycaenidae) in Costa Rica. *Ecological Engineering* 34(4): 328-331, 1 fig., 2 tabs. (5 November) [host plant; Costa Rica]

**Inga, Herminio**

- [1997]a. See Couturier, G. et al., 1997.  
[1997]b. See Couturier, G. et al., 1997.

**Ingenfeld, Rolf**

- c.1972. See Ingenfeld, W. & R. Ingenfeld, c.1972.

**Ingenfeld, Wolfgang, and Rolf Ingenfeld**

- c.1972. *Die schönsten Schmetterlinge aus aller Welt*. Köln, Rheinischer Braunkohlenbrikett-Verkauf GmbH. 34 pp., figs. [general]

**Ingen, John Edmund** [1837-1924]

1895. On scale-evolution, as shown in *Ithomia diasia*. *Journal of the Quekett Microscopical Club* (2)6: 96-98, pl. 4 [Colombia]

**Ingraham, Jeffrey Stuart** [1956-2013]

1986. See Johnson, K. D. et al., 1986.

**Ingram, Abigail L.**

2009. *Butterfly photonics: Form and function*, pp. 307-336, 10 figs. In: Gorb, S. N. (Ed.), *Functional surfaces in Biology. Little structures with big effects*. Dordrecht, Springer. Vol. 1. [general; morphology]

**Ingram, Abigail L., and Andrew Richard Parker**

2006. Structure, mechanism and mechanical properties of pupal attachment in *Greta oto* (Lepidoptera: Nymphalidae: Ithomiinae). *Entomological Science* 9(1): 109-120, 7 figs. (March; published online 26 March) [host plant; Costa Rica]
2008. A review of the diversity and evolution of photonic structures in butterflies, incorporating the work of John Huxley (The Natural History Museum, London from 1961 to 1990). *Philosophical Transactions of the Royal Society of London (B)* 363(1502): 2465-2480, 11 figs. (27 July; published online 10 March) [general; morphology]

**Inoue, Takashi A.**

2000. The courtship behavior of male *Eurema daira*. *Butterflies (Tokyo)* 27: 25-27, 6 figs. [In Japanese] (15 December) [Puerto Rico]

**Inoue, Takeo**

1985. Two females of the genus *Agrias* captured in Peru. *Tyô to Ga* 36(2): 103-105, 4 figs. (20 June) [*A. sardanapalus* Bates, *A. beata* Staudinger]
1986. A female of *Agrias narcissus tapajonus* Fassl f. *illustrissimus* Fassl from the Rio Curuá Una. *Tyô to Ga* 36(3): 163-165, 2 figs. (30 January) [Brazil]
- 1993a. Variations of anterior red band and sex determination of *Agrias narcissus tapajonus* Fassl (Lepidoptera, Nymphalidae) from Santarém, Brazil. *Tyô to Ga* 43(4): 231-236, 16 figs. (30 March)
- 1993b. A mutated female of *Agrias sardanapalus* Bates from the Rio Madeira, Brazil (Lepidoptera, Nymphalidae). *Tyô to Ga* 44(2): 52-54, 2 figs. (30 August)
1995. A female *Agrias beata* with anomalous hindwings from Peru (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 6(1)(1): 26, 3 figs. (25 May)
1996. *Agrias* hunting in Jeberos and Satipo, Peru. *Yadoriga* 167: 2-12, 16 figs., 2 maps (10 October) [In Japanese] [*Callithea*]
1997. A female *Agrias beata beata* f. *beatifica* (Lepidoptera: Nymphalidae) with hindwing blue patch from Nauta, Peru. *Transactions of the Lepidopterological Society of Japan* 48(2): 63-64, 3 figs. (15 June)
1998. Female *Agrias beata* from Betsaida, Peru. *Yadoriga* 176: 20-28, 16 figs. (10 April) [behavior]
- 2000a. See Arai, H. & T. Inoue, 2000.
- 2000b. Two males of *Agrias beatifica beatifica* (Lepidoptera, Nymphalidae) with double pupils in single ocellus on hindwing disc 3. *Transactions of the Lepidopterological Society of Japan* 51(2): 108-110, 6 figs. (31 March) [Peru]
- 2000c. Four males of *Agrias beatifica* (Lepidoptera, Nymphalidae) with very small ocelli without a pupil.

- Transactions of the lepidopterological Society of Japan* 51(2): 111-116, 16 figs. (31 March) [Peru]
2002. A male of *Agrias beatifica beatifica* (Lepidoptera, Nymphalidae) with a wide black band between submarginal gray and discal blue from the Rio Itaya, Peru. *Transactions of the lepidopterological Society of Japan* 53(2): 119-120, 2 figs. (30 March)
- Inoue, Takeo, and Hisayasu Arai**
1997. Yellow or red coloring along forewing costal veins in eight *Agrias beata* (Lepidoptera, Nymphalidae) from Peru. *Transactions of the lepidopterological Society of Japan* 48(4): 207-213, 24 figs. (30 November) [new form: *A. b. form pseudoviola*]
- Inoue, Takeo, and Iván Callegari**
1996. Two female *Agrias sardanapalus lugens* (Lepidoptera, Nymphalidae) with hindwing red veins from Satipo, Peru. *Transactions of the lepidopterological Society of Japan* 47(4): 266-268, 6 figs. (1 December)
1997. A male *Agrias beata* (Lepidoptera: Nymphalidae) with unusual hindwing black pattern from Atalaya, Peru. *Transactions of the lepidopterological Society of Japan* 48(4): 205-206, 2 figs. (30 November)
- Inoue, Takeshi**
2007. See Uehara, J. & T. Inoue, 2007.
2008. See Uehara, J. & T. Inoue, 2008.
2014. See Uehara, J. & T. Inoue, 2014.
- Inouye, David F.**
1983. *The ecology of nectar robbing*, pp. 153-173, 5 figs. In: Bentley, B. & T. Elias (Eds.), *The Biology of Nectaries*. New York, Columbia University Press [*Eurema* spp., *Phoebis* spp.; Costa Rica]
- Instituto de Investigación de Recursos Biológicos Alexander Von Humboldt**
2000. *Colombia megadiversa: cinco años explorando la riqueza de un país megadiverso*. Bogotá, Instituto Humboldt. xxxii + 262 pp., 28 figs., 28 tabs., 16 maps (1 June) [general]
- International Commission on Zoological Nomenclature**
1925. Opinion 89. Suspension of the Rules in the case of Gronow 1763, Commerson 1803, Gesellschaft Schauptatz 1775 to 1781, Catesby 1771, Browne 1789, Valmont de Bomare 1768 to 1775. *Smithsonian miscellaneous Collections* 73(3): 27-33 (16 December) [nomenclature]
1926. Opinion 97. Did Hübner's Tentamen, 1806, create monotypic genera? *Smithsonian miscellaneous Collections* 73(4): 19-30 (8 October) [general]
1942. Opinion 137. On the relative precedence to be accorded to certain generic names published in 1807 by Fabricius and Hübner respectively for identical genera in the Lepidoptera Rhopalocera. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 2: 21-28 (30 October) [general]
- 1945a. Opinion 165. Need for the suspension of the rules for *Strymon* Hübner, 1818 (Class Insecta, Order Lepidoptera) not established. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 2(35): 359-373 (21 June)
- 1945b. Supplementary notes on Opinion 137. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 2(30A): (5)-(9) (5 December) [general]
1946. Opinion 171. Suspension of the rules for *Nymphidium* Fabricius, 1807 (Class Insecta, Order Lepidoptera). *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 2(41): 459-467 (22 January)
- 1954a. Opinion 214. Designation, under the Plenary Powers, of a type species of the genus *Actinote* Hübner [1819] (Class Insecta, Order Lepidoptera) in harmony with accustomed usage. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 4(4): 41-50 (8 March) [general]
- 1954b. Opinion 232. Suppression, under the Plenary Powers, of twelve generic names in the Order Lepidoptera (Class Insecta) published by Illiger in 1807 in senses different from those in which those names were published by Fabricius later in the same year. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 4(22): 249-274 (21 April) [general]
- 1954c. Opinion 260. Rejection for nomenclatural purposes of the work by Meuschen (F. C.) issued in 1778 under the title *Museum Gronovianum*. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 5(21): 265-280, pls. 1-2 (10 August)
- 1954d. Opinion 261. Rejection for nomenclatural purposes of the Index to the *Zoophylacium Gronovianum* of Gronovius prepared by Meuschen (F. C.) and published in 1781. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 5(22): 281-296, 1 pl. (10 August)
- 1954e. Opinion 276. Rejection, as not being of subgeneric status, of the intermediate terms used by Hübner (J.) between the generic and specific names of species in the first volume of the work entitled *Sammlung exotischer Schmetterlinge*, published in the period 1806-1823, and also in the work entitled *Systematisch-Alphabetisches Verzeichniss aller bisher bei den Fürbildungen zur Sammlung europäischer Schmetterlinge ausgegebenen Gattungsbenennungen* published in 1822. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 6(8): 95-118 (1 October) [general]
- 1954f. Opinion 278. Addition to the *Official List of Generic Names in Zoology* of the names of the ten genera of the Sub-Order Rhopalocera in the undated leaflet commonly known as the *Tentamen*, prepared by Jacob Hübner, which is believed to have been distributed to correspondents in 1806, a leaflet rejected in Opinion 97. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 6(10): 135-178 (1 October) [general]
- 1954g. Opinion 279. Rejection, as of the status of a subgeneric name, of any term placed between the generic name and the specific name of a species in the zoological works of Linnaeus and Fabricius (J.C.) ("Opinion" supplementary to "Opinion" 124). *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 6(11): 179-187 (1 October)
- 1954h. Opinion 282. Determination of the species to which the specific name *plexippus* Linnaeus, 1758, as published in the combination *Papilio plexippus* (Class Insecta, Order Lepidoptera) shall be held to apply. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 6(14): 225-268, pl. 2 (1 October) [general]
1955. Opinion 329. Acceptance for nomenclatorial purposes of the work by Giovanni Antonio Scopoli entitled *Introductio ad Historiam Naturalem* published in 1777. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 9(23): 309-320 (7 January)
- 1956a. Opinion 382. Validation under the Plenary Powers of the generic name *Sicyonia* Milne Edwards (H.), 1830 (Class Crustacea, Order Decapoda) and action consequent thereon. *Opinions and Declarations Rendered by the*

- international Commission on zoological Nomenclature* 12(3): 43-58 (24 January) [*Heliconius*, *H. charithonia*, *Heliconia*, *Apostrophia*]
- 1956b. Opinion 417. Rejection for nomenclatorial purposes of volume 3 (Zoologie) of the work by Lorenz Oken entitled *Okens Lehrbuch der Naturgeschichte* published in 1815-1816. *Opinions and Declarations rendered by the international Commission on zoological Nomenclature* 14(1): 1-42 (1 September)
- 1956c. Direction 54. Addition to the Official List of Family-Group Names in Zoology, or, as the case may be, to the Official Index of Rejected and Invalid Family-Group Names in Zoology of the family-group names involved in the cases dealt with in Volume 12 of the Opinions and Declarations rendered by the International Commission on Zoological Nomenclature, other than family-group names already dealt with in those Opinions. *Opinions and Declarations rendered by the international Commission on zoological Nomenclature* 12(26): 457-470 (17 September) [Heliconiidae]
1957. Opinion 483. Determination of the specimen to be accepted as the lectotype of the nominal species *Megathymus aryxna* Dyar, 1905 (Class Insecta, Order Lepidoptera) and matters incidental thereto. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 17(5): 41-72 (10 October) [Mexico]
- 1958a. Opinion 516. Determination under the Plenary Powers of the relative precedence to be assigned to certain works of the Order Lepidoptera (Class Insecta) published in 1775 by Pieter Cramer, Michael Denis & Ignaz Schiffermüller, Johann Christian Fabricius, Johann Caspar Fuessly, and S. A. von Rottemburg, respectively. *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 19(1): 1-43 (16 May)
- 1958b. Direction 99. Addition to the Official List of Family-Group Names in Zoology of the names of certain family-group taxa belonging to the Order Lepidoptera (Class Insecta), the names of the type genera of which have already been placed on the Official List of Generic Names in Zoology. *Opinions and Declarations rendered by the international Commission on zoological Nomenclature* 1(F.10): 161-174 (16 May) [general]
- 1958c. *Official list of generic names in Zoology. First instalment: Names 1-1274*. London, International Trust for Zoological Nomenclature. xxxvi + 200 pp. (10 June)
- 1958d. *Official index of rejected and invalid generic names in Zoology. First instalment: Names 1-1169*. London, International Trust for Zoological Nomenclature. xi + 132 pp. (10 June)
- 1958e. *Official list of specific names in Zoology. First instalment: Names 1-1525*. London, International Trust for Zoological Nomenclature. xvi + 206 pp. (20 June)
- 1958f. *Official list of rejected and invalid specific names in Zoology. First instalment: Names 1-527*. London, International Trust for Zoological Nomenclature. xii + 73 pp. (20 June)
- 1958g. *Official list of family-group names in Zoology. First instalment: Names 1-236*. London, International Trust for Zoological Nomenclature. xviii + 38 pp. (1 July)
- 1958h. *Official list of rejected and invalid family-group names in Zoology. First instalment: Names 1-273*. London, International Trust for Zoological Nomenclature. xii + 38 pp. (1 July)
- 1958i. *Official list of works approved as available for zoological nomenclature. First instalment: Names 1-38*. London, International Trust for Zoological Nomenclature. x + 12 pp. (7 July)
- 1958j. *Official list of rejected and invalid works in zoological nomenclature. First instalment: Names 1-58*. London, International Trust for Zoological Nomenclature. x + 14 pp. (7 July)
- 1959a. Opinion 541. Suppression under the Plenary Powers of the generic names *Chrysophanus* Hübner, 1818, and *Bithys* Hübner, 1818 (Class Insecta, Order Lepidoptera) (*Opinion* supplementary to *Opinion* 165). *Opinions and Declarations Rendered by the international Commission on zoological Nomenclature* 20(8): 87-101 (27 February) [general]
- 1959b. Opinion 577. Addition to the Official Lists of Names in Zoology of the generic names *Caligo* Hübner, [1819], and *Charaxes* Ochsenheimer, 1816, and of the family-group names based thereon (Class Insecta, Order Lepidoptera). *Bulletin of zoological Nomenclature* 17(3/5): 140-142 (15 December)
1962. Opinion 620. *Papilio dardanus* Brown, 1776 (Insecta, Lepidoptera): Validated under the plenary powers. *Bulletin of zoological Nomenclature* 19(2): 72-73 (23 March) [*P. dardanus* Fabricius, *P. tros* Fabricius]
- 1966a. Opinion 755. *Calephelis* Grote & Robinson, 1869 (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 22(5/6): 282-283 (31 January)
- 1966b. *Official list of family-group names in Zoology. Second instalment: Names 237-282*. London, International Trust for Zoological Nomenclature. pp. xxi-xxvi, 39-68 (October)
- 1966c. *Official list of generic names in Zoology. Second instalment: Names 1275-1651*. London, International Trust for Zoological Nomenclature. pp. xxxix-xliii, 209-267 (October)
- 1966d. *Official list of specific names in Zoology. Second instalment: Names 1526-2045*. London, International Trust for Zoological Nomenclature. pp. xiv-xxiv, 207-286 (October)
- 1966e. *Official list of rejected and invalid family-group names in Zoology. Second instalment: Names 274-411*. London, International Trust for Zoological Nomenclature. pp. xv-xix, 39-61 (October)
- 1966f. *Official list of rejected and invalid generic names in Zoology. Second instalment: Names 1170-1743*. London, International Trust for Zoological Nomenclature. pp. xv-xix, 133-193 (October)
- 1966g. *Official list of rejected and invalid specific names in Zoology. Second instalment: Names 528-807*. London, International Trust for Zoological Nomenclature. pp. xv-xix, 75-110 (October)
- 1966h. Opinion 789. Rejection of the pamphlet by J. Hübner, 1808, entitled *Erste Zuträge zur Sammlung exotischer Schmetterlinge*. *Bulletin of zoological Nomenclature* 23(5): 213-220 (20 December)
- 1967a. Opinion 820. *Napaea* Hübner, [1819] (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 24(4): 212-213 (20 September)
- 1967b. Opinion 821. *Iaspis* Kaye, 1904 (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 24(4): 214-215 (20 September)
- 1967c. Opinion 825. *Adopaeoides* Godman, [1900] (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 24(4): 222-223 (20 September)
- 1967d. Opinion 826. *Artines* Godman, [1901] (Insecta, Lepidoptera): Designation of a type-species under the Plenary



- Powers. *Bulletin of zoological Nomenclature* 24(4): 224-225 (20 September)
- 1967e. Opinion 829. *Papias* Godman, [1900] (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 24(5): 278-279 (7 December)
- 1967f. Opinion 830. *Phanis* Godman, [1900] and *Phanes* Godman, [1900] (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 24(5): 280-281 (7 December)
- 1967g. Opinion 832. *Zenis* Godman, [1900] (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 24(5): 284-285 (7 December)
1968. Opinion 839. *Anthanassa* Scudder, 1875 (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 24(6): 337-338 (18 January) [*Melitaea texana* Edwards]
1972. Opinion 985. *Hymenitis* [Illiger], 1807 (Insecta, Lepidoptera): Suppressed under the Plenary Powers. *Bulletin of zoological Nomenclature* 29(3): 117-118 (30 November) [general]
1973. Opinion 994. *Tatura* Butler, [1888] (Insecta, Lepidoptera): Designation of a type-species under the Plenary Powers. *Bulletin of zoological Nomenclature* 30(1): 19-20 (6 July)
1976. Opinion 1058. Suppression of *Papilio actaeon* Fabricius, 1775 (Lepidoptera). *Bulletin of zoological Nomenclature* 33(1): 22-23 (26 June)
1977. Opinion 1073. Validation of Riordinidae Grote, 1895(1827) (Lepidoptera). *Bulletin of zoological Nomenclature* 33(3/4): 172-173 (31 March)
1982. Direction 113. Morphidae (Insecta, Lepidoptera): Further correction to Official List entry. *Bulletin of zoological Nomenclature* 39(3): 196-199 (30 September)
1983. Opinion 1240. Hesperiididae Latreille, 1809 (Insecta, Lepidoptera) added to Official List. *Bulletin of zoological Nomenclature* 40(1): 27-29 (6 April)
- 1985a. Direction 116. Papilionidae Latreille, [1802] (Insecta, Lepidoptera): Revision of Official List entry. *Bulletin of zoological Nomenclature* 42(1): 41-42 (2 April)
- 1985b. Direction 118. Corrections to three entries in the Official List of Family-Group Names in Zoology: Argynnidae, Apaturidae, Limenitidinae (Insecta, Lepidoptera). *Bulletin of zoological Nomenclature* 42(2): 195-196 (27 June)
- 1985c. Opinion 1339. *Papilio fatima* Fabricius, 1793 (Insecta, Lepidoptera): Ruled to be exempt from the application of the Principle of Homonymy. *Bulletin of zoological Nomenclature* 42(3): 255-257 (30 September)
- 1986a. Opinion 1381. *Ourocnemis* Baker, 1887 (Insecta, Lepidoptera): Conserved. *Bulletin of zoological Nomenclature* 43(1): 42-43 (9 April)
- 1986b. Opinion 1386. *Papilio erato* Linnaeus, 1758 (Insecta, Lepidoptera): Neotype designated. *Bulletin of zoological Nomenclature* 43(2): 128-129 (9 July)
1987. *Official lists and indexes of names and works in Zoology*. London, The International Trust for Zoological Nomenclature. [iv] + 366 pp.
1992. Opinion 1669. *Dalla* Mabille, 1904 (Insecta, Lepidoptera): conserved. *Bulletin of zoological Nomenclature* 49(1): 88-89 (March) [nomenclature]
1993. Opinion 1710. J. C. Megerle's (1801-1805) auction catalogues of insects: suppressed for nomenclatural purposes, with the specific names of *Saperda alboguttata* Megerle, 1803 (currently *Apomecyna alboguttata*; Coleoptera) and *Hippobosca variegata* Megerle, 1803 (Diptera) conserved. *Bulletin of zoological Nomenclature* 50(1): 79-82 (25 March)
1995. Opinion 1820. A. A. H. Lichtenstein's (1796, 1797) *Catalogus musei zoologici... Sectio Tertia. Continens Insecta* and D. H. Schneider's (1800) *Verzeichniss einer Parthei Insekten...*: suppressed, with conservation of some Lichtenstein's (1796) names (Insecta and Arachnida). *Bulletin of zoological Nomenclature* 52(3): 283-285 (28 September)
1997. Opinion 1877. D.L.G. Karsten (1789), *Museum Leskeanum*, vol. 1 (Regnum Animale): suppressed for nomenclatural purposes. *Bulletin of zoological Nomenclature* 54(3): 193 (30 September)
2001. *Official lists and indexes of names and works in Zoology. Supplement 1986-2000*. London, The International Trust for Zoological Nomenclature. [iv] + 136 pp. [general]
- 2006a. Opinion 2144 (Case 3282). *Thecla azia* Hewitson, 1873 (Insecta: Lepidoptera): specific name conserved. *Bulletin of zoological Nomenclature* 63(1): 76-77 (31 March)
- 2006b. Opinion 2152 (Case 3320). *Papilio sapho* Drury, 1782 (Insecta: Lepidoptera): specific name conserved. *Bulletin of zoological Nomenclature* 63(2): 144-145 (30 June)
- 2006c. Opinion 2160 (Case 3280). *Melitaea nycteis* Doubleday, 1847 (currently *Chlosyne nycteis*; Insecta, Lepidoptera): specific name conserved. *Bulletin of zoological Nomenclature* 63(3): 213-214 (30 September)
2011. Opinion 2267 (Case 3492). *Heliconius tristero* Brower, 1996 and *Heliconius melpomene mocoa* Brower, 1996 (Lepidoptera: Nymphalidae): suppression of *Heliconius melpomene bellula* Brown, 1979 not approved. *Bulletin of zoological Nomenclature* 68(1): 84-85 (31 March)
2014. Official Correction to Opinions 278 and 382: the publication date amended for the genus-group names *Danaus*, *Heliconius*, *Nymphalis* and *Plebejus* (Insecta: Lepidoptera) from Kluk (1802) to Kluk (1780). *Bulletin of zoological Nomenclature* 71(3): 203-207 (30 September)
2015. Opinion 2358 (Case 3458). *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae): priority maintained. *Bulletin of zoological Nomenclature* 72(2): 166-170 (30 June)
- Ireland, Terry G.**  
2005. See Silver, J. et al., 2005.
- Irgang, Bruno Edgar**  
2001. See Corrêa, C. de A. et al., 2001.  
2010. See Fuhro, D. et al., 2010.
- Iribar, Amaia**  
2016. See Cally, S. et al., 2016.  
2018. See Garzón, I. J. et al., 2018.
- Irwin, Darren E., Jessica H. Irwin and Trevor D. Price**  
2001. Ring species as bridges between microevolution and speciation. *Genetica* 112/113: 223-243, 6 figs., 1 tab. (November) [*Junonia*; Neotropics]
- Irwin, E. M.**  
1940. [Collecting in Mexico]. *The Entomologist's Exchange News* "4"[5](2/3): [2]-[4] (5 March) [*Morpho*, *Papilio*]
- Irwin, Jessica H.**  
2001. See Irwin, D. E. et al., 2001.
- Isaac, Nick J. B.**  
2005. See Mallet, J. L. B. et al., 2005.
- Isabelle, Arsène** [1806-1879]  
1835. *Voyage à Buenos-Ayres et à Porto-Alegre, la Banda-Oriental, les Missions d'Uruguay et la Province de Rio-Grande-do-Sul (de 1830 a 1834). Suivi de considérations sur l'état du commerce français à l'extérieur, et principalement au Brésil et au Rio-de-la-Plata*. Havre, J. Morlent. [iv] + 624 pp., frontisp., 3 pls., 1 map ([before 31 October]) [general]; *Erycina morissei* Boisduval and *Heterochroa* [sic] *isabellina* Boisduval, *nomina nuda*

**Isaza, Gustavo**

2011. See Aguilera, A. et al., 2011.

**Iserhard, Cristiano Agra**

2007. See Morais, A. B. B. de et al., 2007.  
2008. See Grazia, J. et al., 2008.  
2009. See Romanowski, H. P. et al., 2009.  
2010. See Kaminski, L. A. et al., 2010a.  
2011a. See Rosa, P. L. P. da et al., 2011.  
2011b. See Pedrotti, V. S. et al., 2011.  
2011c. See Santos, J. P. dos et al., 2011.  
2011d. See Freitas, A. V. L. et al., 2011a.  
2011e. See Freitas, A. V. L. et al., 2011b.  
2012. See Bellaver, J. et al., 2012.  
2014a. See Siewert, R. R. et al., 2014a.  
2014b. See Freitas, A. V. L. et al., 2014.  
2014c. See Siewert, R. R. et al., 2014b.  
2014d. See Gomes, V. et al., 2014.  
2015. See Freitas, A. V. L. et al., 2015a.  
2016a. See Siewert, R. R. et al., 2016a.  
2016b. See Kaminski, L. A. et al., 2016.  
2017. See Santos, J. P. dos et al., 2017.  
2018a. See Rossato, D. O. et al., 2018b.  
2018b. See Santos, J. P. dos et al., 2018.  
2019a. See Santos, J. P. dos et al., 2019.  
2019b. See Silva, J. M. et al., 2019.  
2019c. See Melo, D. H. A. et al., 2019b.  
2019d. See Spaniol, R. L. et al., 2019.

**Iserhard, Cristiano Agra, Keith Spalding Brown, Jr. and André Victor Lucci Freitas**

2013. Maximized sampling of butterflies to detect temporal changes in tropical communities. *Journal of Insect Conservation* 17(3): 615-622, 5 figs., 1 tab. (June; published online 18 January) [general; Brazil]

**Iserhard, Cristiano Agra, Leandro da Silva Duarte, Noemy Seraphim and André Victor Lucci Freitas**

2019. How urbanization affects multiple dimensions of biodiversity in tropical butterfly assemblages. *Biodiversity and Conservation* 28(3): 621-638, 3 figs., 3 tabs. (March; published online 5 December 2018) [general; Brazil]

**Iserhard, Cristiano Agra, Marina Todeschini de Quadros, Helena Piccoli Romanowski and Milton de Souza Mendonça Jr.**

2010a. Borboletas (Lepidoptera: Papilionoidea e Hesperioidea) ocorrentes em diferentes ambientes na floresta ombrófila mista e nos campos de cima da serra no Rio Grande do Sul, Brazil. *Biota neotropica* 10(1): 309-320, 3 tabs. (24 March) [general]

**Iserhard, Cristiano Agra, and Helena Piccoli Romanowski**

2004. Lista de espécies de borboletas (Lepidoptera, Papilionoidea e Hesperioidea) da região do vale do rio Maquiné, Rio Grande do Sul, Brasil. *Revista brasileira de Zoologia* 21(3): 649-662, 2 figs., 3 tabs. (30 September) [general]

**Iserhard, Cristiano Agra, Helena Piccoli Romanowski, Aline Richter and Milton de Souza Mendonça, Jr.**

2017. Monitoring temporal variation to assess changes in the structure of subtropical Atlantic forest butterfly communities. *Environmental Entomology* 46(4): 804-813, 8 figs., 2 tabs. (1 August; published online 3 June) [general; Brazil]

**Iserhard, Cristiano Agra, Ana Kristina Silva, Marina Todeschini de Quadros, Daniel Souza Castro and Helena Piccoli Romanowski**

2010b. Lepidoptera, Nymphalidae, Heliconiinae, *Heliconius sara apseudes* (Hübner, 1813): Distribution extension. *Check List* 6(2): 316-318, 1 fig. (June) [Brazil]

**Iserhard, Cristiano Agra, Márcio Uehara-Prado, Onildo João Marini Filho, Marcelo Duarte and André Victor Lucci Freitas**

2018. *Fauna da Mata Atlântica: Lepidoptera-Borboletas*, pp. 57-102, 4 figs., 2 tabs. In: Monteiro-Filho, E. L. de A. & C. E. Conte (Eds.), *Revisões em Zoologia: Mata Atlântica*, Curitiba, Editora UFPR. [general; Brazil]

**Ish-Am, Gad**

2002. See Wysoki, M. et al., 2002.

**Ishara, Katia Losano, and Rita de Cassia Sindrônia Maimoni-Rodella**

2011. Pollination and dispersal systems in a Cerrado remnant (Brazilian savanna) in southeastern Brazil. *Brazilian Archives of Biology and Technology* 54(3): 629-642, 2 figs., 4 tabs. (June) [general]

**Isherwood, Isabel**

1999. See Jiggins, C. D. et al., 1999.

2000. See Jiggins, C. D. et al., 2000.

**Isidorsson, Jan**

2004. Att bli förförd av en fjäril. *Insectifera* 10: 138-142, figs. (December) [general, Ecuador, Peru, Bolivia]

**Isla, Ricardo**

1964. See Cortés, R. E. & R. Isla, 1964.

**Ivanov, Vladimir Dmitrievich**

1998. [Wing articulation in the whites (Lepidoptera, Pieridae)]. *Entomologicheskoe Obozrenie* 77(1): 26-45, 7 figs. [In Russian, translated into English in *Entomological Review* 78(6): 667-681 (July 1998)] [*Callidryas eubule* (Linnaeus), *Dismorphia* sp.]

2000. See Stekolnikov, A. A. et al., 2000.

**Ivie, L. L.**

2008a. See Ivie, M. A. et al., 2008a.

2008b. See Ivie, M. A. et al., 2008b.

**Ivie, Michael A.**

1992. See Brower, L. P. et al., 1992.

1995. See Sikes, D. S. & M. A. Ivie, 1995.

**Ivie, Michael A., Katharine A. Marske, Ian A. Foley, Kelvin A. Guerrero and L. L. Ivie**

2008a. Invertebrates of the Centre Hills and Montserrat, with an emphasis on beetles, pp. 56-90, 11 figs., 6 tabs. In: Young, R. P. (Ed.), A biodiversity assessment of the Centre Hills, Montserrat. *Durrell Conservation Monograph* 1. [general; West Indies]

**Ivie, Michael A., Katharine A. Marske, Ian A. Foley and L. L. Ivie**

2008b. Appendix 2. Species lists of the beetles, non-beetle hexapods and non-hexapod invertebrates of Montserrat, pp. 237-311, figs., tabs. In: Young, R. P. (Ed.), A biodiversity assessment of the Centre Hills, Montserrat. *Durrell Conservation Monograph* 1. [general; West Indies]

**Ivie, Michael A., T. Keith Philips and Kathleen A. Johnson**

1991. High altitude aggregations of *Anetia briarea* Godart on Hispaniola (Nymphalidae: Danainae). *Journal of the Lepidopterists' Society* 44(4): 209, 214, 1 pl. (16 May) [behavior; República Dominicana]

**Iwasa, Yoh**

1985. See Odendaal, F. J. et al., 1985.

2005. See Joron, M. & Y. Iwasa, 2005.

**Iwasaki, Fernando [1961- ]**

2000. Album de mariposas literarias. *Hueso Húmero* (Lima) 37: 36-44 (December) [Nabokov's Peruvian Polyommatainae]

**Iwasawa, Shun, Naohiro Shichijo and Yoichiro Kawaguchi**

2004. Rendering methods for models with complicated micro structures. *The 14th International Conference on Artificial Reality and Telexistence*, 6 pp., 16 figs., 1 tab. [Morpho; morphology]

**Iwase, Taro [1906-1970]**

1951. Lessons from here and there (III) [In Japanese]. *Tyô to Ga* 2(4): 33, 2 figs. (31 December) [*Caligo illioneus* (Cramer); life history]
1952. Lessons from here and there (4) [In Japanese]. *Tyô to Ga* 3(1): 6, 2 figs. (29 April) [*Aegiale hesperiaris* (Walker); host plant]
1953. Lessons from here and there (V) [In Japanese]. *Tyô to Ga* 3(3): 22, 2 figs. (25 April) [Heliconiinae]
1956. Lessons from here and there (11) [In Japanese]. *Tyô to Ga* 7(4): 34-35, 3 figs. (10 December) [*Morpho*; life history]
1957. Lessons from here and there (12) [In Japanese]. *Tyô to Ga* 8(2): 23, 2 figs. (15 June) [Heliconiinae; life history]
1958. Lessons from here and there (13) [In Japanese]. *Tyô to Ga* 9(3): 37, figs. (30 June) [Danainae, Ithomiinae; host plants]
- 1960a. Lessons from here and there (15) [In Japanese]. *Tyô to Ga* 11(1): 13, 1 fig. (15 March) [*Papilio anchisiades capys* (Hübner)]
- 1960b. Lessons from here and there (16) [In Japanese]. *Tyô to Ga* 11(2): 27, 1 fig. (1 June) [*Eucheira socialis* Westwood]
1961. Lessons from here and there (18) [In Japanese]. *Tyô to Ga* 12(1): 19, 2 figs. (25 June) [*Morpho*]
1962. Lessons from here and there (21) [In Japanese]. *Tyô to Ga* 13(2): 47, 4 figs. (31 December) [*Baronia brevicornis* Salvin; life history; host plant; Mexico]
- 1964a. Lessons from here and there (23) [In Japanese]. *Tyô to Ga* 15(1): 24-25, 4 figs. (30 August) [Riodinidae; host plants]
- 1964b. Lessons from here and there (24) [In Japanese]. *Tyô to Ga* 15(2): 51, 3 figs. (10 November) [*Morpho*; host plants]
1965. Lessons from here and there (25) [In Japanese]. *Tyô to Ga* 15(3): 77, 4 figs. (10 May) [Heliconiinae]
1966. Swallowtails of the world. (4). Papilionidae of Latin America. [In Japanese]. *The Nature and Insects* 1(4): 2-6, 2 pls. 5 figs. (July) [general]
- 1967a. Lessons from here and there (28) [In Japanese]. *Tyô to Ga* 17(1/2): 36, 2 figs. (25 February) [*Actinote*; host plants]
- 1967b. Lessons from here and there (29) [In Japanese]. *Tyô to Ga* 17(3/4): 80-81, 3 figs. (15 August) [*Agrias*, *Prepona*; host plants]
- Iwata, Masaki, and Joji M. Otaki**
2016. Focusing on butterfly eyespot focus: uncoupling of white spots from eyespot bodies in nymphalid butterflies. *Springer Plus* 5(1287): 1-14, 8 figs. (published online 8 August) [general; morphology; Neotropics]
- Iyengar, Erika V.**
1998. See Pollock, D. D. et al., 1998.
- Izquierdo, Isabel, Carolina Martín, Mercedes París and Celia María Santos**
1998. La colección de Entomología del Museo Nacional de Ciencias Naturales (CSIC). *Graellsia* 53: 49-85, 13 tabs. (30 June) [general]
- Izquierdo, Vanessa**
2018. See Urbano, P. M. et al., 2018.
- Izquierdo, Vicente** [1850-1926]
1895. Notas sobre los lepidópteros de Chile. *Anales de la Universidad de Chile* 90(1): 783-835, pls. 1-4 (January-June) [general; eggs, larvae, pupae, imagines; host plants]

# J

- Jablonski, Nina G.**  
2017. See Cuthill, I. C. et al., 2017.
- Jablonsky, Carl Gustav** [1756-1787]  
1783-88. *Natursystem aller bekannten in- und ausländischen Insekten als eine Fortsetzung der von Buffonschen Naturgeschichte. Nach dem System des Ritters Carl von Linné bearbeitet. Der Schmetterlinge.* Berlin, Joachim Pauli. 1: [22] + cxxviii + 1-216, pls. [1] + 1-6, frontisp. (1783); 2: xxxii + 1-295, pls. 7-20 (1784); 3(1): 1-96, pls. 21-32 (1786), (2): 97-113, pls. 33-37 (1788) [general]
- Jachan, Bernhard** [?-1939]  
1919-20. Die Vanessicae oder eigentlichen Eckflügler. *Internationale entomologische Zeitschrift* 13(17): 135-136 (15 November 1919), (19): 145-148 (13 December 1919), (21): 161-163 (10 January 1920), (23): 177-180 (7 February 1920) [general; Neotropics]
- Jacinto, Tânia**  
2010. See Jardim, B. de C. et al., 2010.
- Jacinto-Padilla, Jazmín, José López-Collado, Catalino Jorge López-Collado and Carlos Gilberto García-García**  
2017. Species distribution modeling for wildlife management: Ornamental butterflies in Mexico. *Journal of Asia-Pacific Entomology* 20(2): 627-636, 8 figs., 3 tabs. (June; published online 2 April) [general]
- Jackai, Louis E. N.**  
1990. See Singh, S. R. et al., 1990.
- Jackes, Betsy R.**  
2016. See Poinar, G. O., Jr. et al., 2016.
- Jackson, Anne-Martine**  
2016. See Tippets, C. A. et al., 2016.
- Jackson, Benjamin Daydon** [1846-1927]  
1913. *Catalogue of the Linnean specimens of Amphibia, Insecta, and Testacea, noted by Carl von Linné.* London, Linnean Society. 48 pp. [general]
- Jackson, Dorothy Anne**  
1980. See Mallet, J. L. B. & D. A. Jackson, 1980.
- Jackson, Michael Hume** [1959- ]  
1985. *Galapagos. A natural history guide.* Calgary, The University of Calgary Press. xiii + 283 pp., 16 pls., figs., 13 tabs. [general]
- Jackson, T. P.**  
1927. Work connected with insect and fungus pests and their control. *Report on the agricultural Department, St. Vincent, for the Year 1926:* 9-14. [*Calpodes ethlius* (Cramer); parasitoid; St. Vincent]
- Jackson, Trish**  
2012. See Barve, N. et al., 2012.
- Jacobi, Arnold Friedrich Victor** [1870-1948]  
1913. *Mimikry und verwandte Erscheinungen.* Braunschweig, Friedrich Wieweg & Sohn. ix + 216 p., 31 figs. (Die Wissenschaft, 47) [general]
- Jacobi, Claudia Maria**  
2005. See Antonini, Y. et al., 2005.
- Jacobs, Stanley Norman Aflalo** [1896-1989]  
1971. The butterflies of Trinidad and Tobago, by Malcolm Barcant. *Entomologist's Record and Journal of Variation* 83(3/4): 120-122 (15 April) [general; book review]  
1972. Jamaica and its butterflies by F. Martin Brown and Bernard Heineman. *Entomologist's Record and Journal of Variation* 84(7/8): 207-209 (15 July) [general; book review]
- Jacobus, Luke M.**  
2011. See Shokralla, S. et al., 2011.
- Jacomassa, Fábio André Facco**  
2008. See Giovenardi, R. et al., 2008.
- Jacques, Paul**  
1976. See Andresen, J. et al., 1976.
- Jacquín-Joly, Emmanuelle**  
2012. See Dasmahapatra, K. K. et al., 2012.  
2013. See Briscoe, A. D. et al., 2013.
- Jae, Raymond J.**  
1970. A new record for North America of a swallowtail butterfly (Papilionidae). *Journal of the Lepidopterists' Society* 24(4): 233 (16 November) [*Papilio (Graphium) philolaus* Boisduval; El Salvador]
- Jaén, Luis A.**  
2017. See Santos, A. et al., 2017.
- Jaffe, David**  
2019. See Edelman, N. B. et al., 2019.
- Jaffé, Klaus**  
1998. See Osborn, F. R. & K. Jaffé, 1998.  
1999. See Osborn, F. R. et al., 1999.  
2000. See Osborn, F. R. et al., 2000.
- Jaffé, Klaus, Pedro A. Tablante and Nelson A. Zabala**  
[1992]. *La cría de mariposas ornamentales*, pp. 102-110, 1 fig. In: Jaffé, K. & P. Sánchez (Eds.), *Tecnologías alternativas para el uso y conservación de bosques tropicales.* Caracas, Fundación Terramar/Universidad Simón Bolívar. [general; Venezuela]
- Jaggernauth, Dan**  
1994. Field trip reports. *The Field Naturalist. Bulletin of the Trinidad and Tobago Field Naturalist Club* 1994(2): 2-3 (June) [*Morpho peleides* Kollar; Trinidad]
- Jagoo, Princess M.**  
2002. See Starr, C. K. et al., 2002.
- Jahner, Josh**  
2010. See Greeney, H. F. et al., 2010e.
- Jakab, Emma**  
2014. See Kertész, K. et al., 2014.
- Jakusch, Jens, and Werner Zoeller**  
2007. Eine neue Unterart von *Battus madyes* Doubleday 1846 aus Peru (Lepidoptera: Papilionidae). *Galathea* 23(4): 141-148 [*B. m. chelsea*]
- Jałoszyński, Paweł, Anna Wanat and Marek Wanat**  
2014. The Lepidoptera collection of Friedrich Wilhelm Niepelt in the Museum of Natural History, University of Wrocław. *Genus* 25(4): 601-614, 20 figs., 1 tab. (27 December) [general]
- James, Maurice Theodore** [1905-1982]  
1945. A new larvaevorid parasite of the social butterfly *Eucheira socialis* Westwood (Diptera). *Journal of the Washington Academy of Sciences* 35(10): 328-330, 1 fig. (15 October) [Mexico]
- Jamie, Gabriel A.**  
2013. See Briscoe, A. D. et al., 2013.
- Jamieson, David Frank** [1945- ]  
1983. A Colombia collecting excursion. *News of the Lepidopterists' Society* 1983(1): 4 (January-February) [general]
- Jana, Carmen** [1949-1988]  
1980. See Angulo, A. O. & C. Jana, 1980.  
1984. See Angulo, A. O. & C. Jana, 1984.
- Janda, Milan**

2012. See Smith, M. A. et al., 2012.
- Janet, Armand** [1860-1921]
1902. Les Papillons. *Causeries scientifiques de la Société zoologique de France* 1(9): 309-350, 1 pl., 10 figs. [general; Neotropics]
- Jankowski, Jill**
2011. See Laurance, W. F. et al., 2011.
- Jannini, Ana Elizabeth**
1989. See Gobbi, N. et al., 1989.
- Janssen, Jeroen M., Antónia Monteiro and Paul Martin Brakefield**
2001. Correlations between scale structure and pigmentation in butterfly wings. *Evolution & Development* 3(6): 415-423, 7 figs., 2 tabs. (November-December) [*Heliconius melpomene* (Linnaeus)]
- Janvier, Hippolyte** – See Joseph, Claude
- Janz, Niklas**
1999. See Nylin, S. & N. Janz, 1999.
2001. See Nylin, S. et al., 2001.
2010. See Slove, J. & N. Janz, 2010.
2011. See Slove, J. & N. Janz, 2011.
2014. See Nylin, S. et al., 2014.
2018. See Braga, M. P. et al., 2018.
- Janz, Niklas, Klas Nyblom and Sören Nylin**
2001. Evolutionary dynamics of host-plant specialization: a case study of the tribe Nymphalini. *Evolution* 55(4): 783-796, 4 figs., 4 tabs. (14 May) [general]
- Janz, Niklas, and Sören Nylin**
1998. Butterflies and plants: A phylogenetic study. *Evolution* 52(2): 486-502, 5 figs., 2 tabs. (6 May) [general; coevolution]
- Janz, Niklas, Sören Nylin and Niklas Wahlberg**
2006. Diversity begets diversity: host expansions and the diversification of plant-feeding insects. *BMC evolutionary Biology* 6(4): 10 pp., 4 figs., 2 tabs. (18 January) [general]
- Janzen, Daniel Hunt** [1939- ]
1981. Patterns of herbivory in a tropical deciduous forest. *Biotropica* 13(4): 271-282, 3 tabs. (December) [*Eunica monima* (Fabricius), *Anteos clorinde* (Godart); Costa Rica]
- 1983a. *Erblichia odorata* Seem. (Turneraceae) as a larval host plant of *Eueides procula vulgiformis* (Nymphalidae: Heliconiini) in Santa Rosa National Park, Costa Rica. *Journal of the Lepidopterists' Society* 37(1): 70-77, 5 figs. (19 August)
- 1983b. *Food webs: who eats what, why, how, and with what effects in a tropical forest?*, pp. 167-182. In: Golley, F. B. (Ed.), *Ecosystems of the world 14A. Tropical rain forest ecosystems. Structure and function*. Amsterdam, Elsevier Scientific Publishing Company. [*Heliconius*; Costa Rica]
- 1983c. *Mora megistosperma* (Alcornoque, Mora), pp. 280-281, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [*Phoebis* sp.; Costa Rica]
- 1983d. *Sapranthus palanga* (Palanco, Guineo, Platano Turru), pp. 320-322, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [*Eurytides*; Costa Rica]
- 1983e. *Insects. Introduction*, pp. 619-645, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [general; Costa Rica]
1985. *Plant defences against animals in the Amazonian rainforest*, pp. 207-217, 2 figs. In: Prance, G. T. & T. E. Lovejoy (Eds.), *Key Environments. Amazonia*. Oxford, Pergamon Press. [general]
1987. Insect diversity of a Costa Rican dry forest: why keep it and how? *Biological Journal of the Linnean Society* 30(4): 343-356, 1 tab. ("April", [20 May]) [general; ecology]
1988. Ecological characterization of a Costa Rican dry forest caterpillar fauna. *Biotropica* 20(2): 120-135, 9 figs., 1 tab. (June) [general]
1993. *Caterpillar seasonality in a Costa Rican dry forest*, pp. 448-477, 6 figs. In: Stamp, N. E. & T. M. Casey (Eds.), *Caterpillars. Ecological and evolutionary constraints on foraging*. New York, Chapman & Hall. [general]
1997. See Zitani, N. M. et al., 1997.
1998. See Zitani, N. M. et al., 1998.
2000. See Burns, J. M. & D. H. Janzen, 2000.
2001. See Burns, J. M. & D. H. Janzen, 2001.
2003. See Deans, A. R. et al., 2003.
- 2004a. *Ecology of dry-forest woodland insects in the Area de Conservación Guanacaste*, pp. 80-96, 1 fig., 1 map. In: Frankie, G. W., A. Mata & S. B. Vinson (Eds.), *Biodiversity conservation in Costa Rica. Learning the lessons in a seasonal dry forest*. Berkeley, University of California Press (February) [general]
- 2004b. See Hall, J. P. W., D. J. Harvey et al., 2004.
- 2004c. See Hebert, P. D. N. et al., 2004.
- 2004d. See Nielsen, V. et al., 2004.
- 2005a. See Burns, J. M. & D. H. Janzen, 2005a.
- 2005b. See Burns, J. M. & D. H. Janzen, 2005b.
- 2005c. See Stireman, J. O., III et al., 2005.
- 2006a. See Hajibabaei, M. et al., 2006.
- 2006b. See Miller, J. C. et al., 2006.
- 2007a. See Miller, J. C. et al., 2007.
- 2007b. See Smith, M. A. et al., 2007.
- 2007c. See Burns, J. M. et al., 2007.
- 2008a. See Burns, J. M. et al., 2008.
- 2008b. See Smith, M. A. et al., 2008.
- 2009a. See Burns, J. M. et al., 2009.
- 2009b. See Grinter, C. C. et al., 2009.
- 2009c. See Regier, J. C. et al., 2009.
- 2010a. See Burns, J. M. et al., 2010a.
- 2010b. See Burns, J. M. et al., 2010b.
2011. See Shokralla, S. et al., 2011.
- 2012a. See Smith, M. A. et al., 2012.
- 2012b. See Bristow, C. R. et al., 2012.
- 2012c. See Chacón, I. A. et al., 2012.
- 2013a. See Burns, J. M. et al., 2013.
- 2013b. See Grishin, N. V. et al., 2013a.
- 2013c. See Grishin, N. V. et al., 2013b.
- 2014a. See Fernández-Triana, J. L. et al., 2014.
- 2014b. See Bertrand, C. et al., 2014.
- 2014c. See Fleming, A. J. et al., 2014.
- 2014d. See Grishin, N. V. et al., 2014a.
- 2014e. See Grishin, N. V. et al., 2014b.
- 2015a. See Grishin, N. V. et al., 2015.
- 2015b. See Nakahara, S. et al., 2015b.
- 2015c. See Sharkey, M. J. et al., 2015.
- 2017a. See Bächtold, A. et al., 2017.
- 2017b. See Ge, D. et al., 2017.
2018. See Fleming, A. J. et al., 2018.
- 2019a. See Dias, F. M. S. et al., 2019a.
- 2019b. See Li, W. et al., 2019.
- 2019c. See Fleming, A. J. et al., 2019.
- 2019d. See Burns, J. M. et al., 2019.
- Janzen, Daniel Hunt, John McLauren Burns, Qian Cong, Winifred D. Hallwachs, Tanya Dapkey, Ramya Manjunath, Mehrdad Hajibabaei, Paul David Neil Hebert and Nick V. Grishin**
2017. Nuclear genomes distinguish cryptic species suggested by their DNA barcodes and ecology. *Proceedings of the national Academy of Sciences of the United States of America* 114(31): 8313-8318, 3 figs., 1 tab. (1 August; published online 17 July) [new species: *Udranomia*

- sallydaleyae*, *U. tomdaleyi*; host plants; Central and South America]
- Janzen, Daniel Hunt, Mehrdad Hajibabaei, John McLauren Burns, Winifred D. Hallwachs, Ed Remigio and Paul David Neil Hebert**
2005. Wedding biodiversity inventory of a large and complex Lepidoptera fauna with DNA barcoding. *Philosophical Transactions of the royal Society of London (B)* 360(1462): 1835-1845, 3 figs. (29 October; published online 14 September) [general; Hesperidae; Costa Rica]
- Janzen, Daniel Hunt, and Winifred D. Hallwachs**
2011. Joining inventory by parataxonomists with DNA barcoding of a large complex tropical conserved wildland in northwestern Costa Rica. *PLoS ONE* 6(8)(e18123): 1-13, 9 figs. (16 August) [general]
2016. DNA barcoding the Lepidoptera inventory of a large complex tropical conserved wildland, Area de Conservacion Guanacaste, northwestern Costa Rica. *Genome* 59(9): 641-660, 8 figs. (September; published online 26 September) [general]
- Janzen, Daniel Hunt, Winifred D. Hallwachs, Patrick Blandin, John McLauren Burns, Jean-Marie Cadiou, Isidro Adolfo Chacón, Tanya Dapkey, Andrew R. Deans, Marc E. Epstein, Bernardo Espinoza, John G. Franclemont, William A. Haber, Mehrdad Hajibabaei, Jason Piers Wilton Hall, Paul David Neil Hebert, Ian David Gauld, Donald James Harvey, Axel Hausmann, Ian James Kitching, J. Donald Lafontaine, Jean-François Landry, Claude Lemaire, Jacqueline Yvonne Miller, James Stuart Miller, Lee Denmar Miller, Scott Everett Miller, José Joaquín Montero, Eugene Gordon Munroe, Suzanne Rab Green, Sujeevan Ratnasingham, John Edward Rawlins, Robert Kanner Robbins, Josephine J. Rodríguez, Rodolphe Rougerie, Michael J. Sharkey, M. Alex Smith, María Alma Solís, James Bolling Sullivan, Paul Thiaucourt, David Bruce Wahl, Susan J. Weller, James Bryan Whitfield, Keith Richard Willmott, Donald Montgomery Wood, Norman E. Woodley and John James Wilson**
2009. Integration of DNA barcoding into an ongoing inventory of complex tropical biodiversity. *Molecular Ecology Resources* 9(Suppl. 1): 1-26, 10 figs., 1 tab. (May) [general; Costa Rica]
- Janzen, Daniel Hunt, Winifred D. Hallwachs and John McLauren Burns**
2010. A tropical horde of counterfeit predator eyes. *Proceedings of the national Academy of Sciences of the United States of America* 107(26): 11659-11665, 4 figs. (29 June) [general; larvae; Costa Rica]
- Janzen, Daniel Hunt, Winifred D. Hallwachs, John McLauren Burns, Mehrdad Hajibabaei, Claudia Bertrand and Paul David Neil Hebert**
2011. Reading the complex skipper butterfly fauna of one tropical place. *PLoS ONE* 6(8)(e19874): 1-15, 10 figs. (16 August) [general; Eudaminae, Pyrginae; host plants; Costa Rica]
- Janzen, Daniel Hunt, Michael J. Sharkey and John McLauren Burns**
1999. Parasitization biology of a new species of Braconidae (Hymenoptera) feeding on larvae of Costa Rican dry forest skippers (Lepidoptera: Hesperidae: Pyrginae). *Tropical Lepidoptera* 9(suppl. 2): 33-41, 7 figs., 2 tabs. ("10" [15] January) [general]
- Japha, Arnold** [1877-1943]
1906. Über tonerzeugende Schmetterlinge. *Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg* 46: 132-136. [*Ageronia feronia* (Linnaeus); morphology]
- Jara, Norma M., and José Francisco Franco**
1985. El huaittampu (*Metardaris cosinga cosinga*) Hewitson 1874 (Lep. Hesperidae), en la alimentación del hombre andino. *Revista de Zoología (Cuzco)* 1(1): 94-100, 1 pl., 2 tabs. (August) [life history; host plant; Peru]
- Jaramillo, Jaime, and Tjitte De Vries**
2002. *Estudio de flora y fauna en el bloque 31. Parque Nacional Yasuní*. Quito, PeCOM de Ecuador; Ministerio del Ambiente; Pontificia Universidad Católica del Ecuador. 272 pp., figs., tabs., graphs, maps. [general; Ecuador]
- Jaramillo, Juan Guillermo**
2016. *BioButterfly: un catálogo digital con fotografías de mariposas colombianas*, pp. 130-136, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general]
- Jaramillo-López, Pablo**
2016. See Brower L. P. et al., 2016.
2017. See Brower, L. P. et al., 2017.
- Jardim, Bruno de Castro, Viviane Abrantes Perdizio, Marília Amorim Berbert-Molina, Deivid de Carvalho Rodrigues, Sylvio Botelho-Júnior, Ana Carolina Paulo Vicente, Ekkehard Hansen, Koko Otsuki, Turán Peter Ūrményi and Tânia Jacinto**
2010. Herbivore response in passion fruit (*Passiflora edulis* Sims) plants: Induction of lipoxygenase activity in leaf tissue in response to generalist and specialist insect attack. *Protein and Peptide Letters* 17(4): 480-484, 2 figs. (April) [*Agraulis vanillae* (Linnaeus); host plant; Brazil]
- Jarzewowski, Edmund A.**
1980. Fossil insects from the Bembridge Marls, Palaeogene of the Isle of Wight, southern England. *Bulletin of the British Museum (Natural History) (Geology)* 33(4): 237-293, 77 figs. (27 March) [Riodinidae]
- Jarzyna, Marta A.**
2018. See Espeland, M. et al., 2018.
- Jasinski, Artur**
1996. Description of three new subspecies of *Perisama* Doubleday from Ecuador and Northern Peru (Lepidoptera: Nymphalidae: Eurytelinae: Catagrammini). *Genus (Wroclaw)* 7(3): 503-514, 8 figs. (30 November) [*P. hilara sabanillana*, *P. lebasii lathyi*, *P. ouma huacamayana*]
- 1998a. Description of a new species of *Catasticta* from Ecuador (Lepidoptera: Pieridae). *Genus* 9(3): 399-404, 3 figs. (30 September) [*C. thomasorum*]
- 1998b. Description of a new species of *Hypanartia* from southern Ecuador and northern Peru (Lepidoptera: Nymphalidae). *Genus* 9(3): 405-410, 3 figs. (30 September) [*H. christophori*]
1999. See Austin, G. T. & A. Jasinski, 1999.
- Jasso, Jovana Michelle, América Nitxin Castañeda, María del Carmen Pozo, Ricardo García, Blanca Rosa Prado, Moisés Armando Luis, Jorge Enrique Llorente and Rosario Rodríguez**
2016. The *Enantia jethys* complex: Insights from COI confirm the species complex and reveal a new potential cryptic species. *Southwestern Entomologist* 41(4): 1005-1020, 2 tabs., 4 figs. (December) [taxonomy; Mexico]
- Jasso, Jovana Michelle, Salima Machkour-M'Rabet, Roger Vila, Rosario Rodríguez and América Nitxin Castañeda**
2018. Molecular evidence of hybridization in sympatric populations of the *Enantia jethys* complex (Lepidoptera: Pieridae). *PLoS ONE* 13(5)(e0197116): 1-23, 8 figs., 6 tabs. (17 May) [Mexico]
- Jauch, Clotilde, and Norberto Argentino Jauch**

1948. *Nosema coliadis*, nueva especie de microsporidio parásito de la "isoca de los alfalfares" (*Colias lesbia*). *Anales de la Sociedad científica argentina* 145(6): 307-314, 4 pls. (June) [Argentina]
- Jauch, Norberto Argentino**  
1948. See Jauch, C. & N. A. Jauch, 1948.
- Jauffret, Jacques Dominique Corêcha**  
2007a. See Jauffret, P. & J. D. C. Jauffret, 2007a.  
2007b. See Jauffret, P. & J. D. C. Jauffret, 2007b.  
2007c. See Jauffret, P. & J. D. C. Jauffret, 2007c.  
2008a. See Jauffret, P. & J. D. C. Jauffret, 2008a.  
2008b. See Jauffret, P. & J. D. C. Jauffret, 2008b.  
2008c. See Jauffret, P. et al., 2008.  
2009a. See Jauffret, P. & J. D. C. Jauffret, 2009a.  
2009b. See Jauffret, P. & J. D. C. Jauffret, 2009b.  
2009c. See Jauffret, P. & J. D. C. Jauffret, 2009c.  
2009d. See Jauffret, P. & J. D. C. Jauffret, 2009d.  
2009e. See Jauffret, P. & J. D. C. Jauffret, 2009e.  
2010a. See Jauffret, P. & J. D. C. Jauffret, 2010a.  
2010b. See Jauffret, P. & J. D. C. Jauffret, 2010b.  
2010c. Description de deux nouvelles espèces de *Theope* du groupe *thestias* Hewitson, 1860 et de la femelle de *Theope christophi* P. & J. Jauffret, 2009 provenant du bas Amazone (Lepidoptera, Riodinidae, Nymphidiini) (16<sup>ème</sup> note). *Lambillionea* 110(2)(1): 172-178, 11 figs. (August) [*T. pierreli*, *T. klagesi*; unavailable names; Brazil]  
2010d. Le genre *Euselasia* Hübner, [1819]. Description d'une sous-espèce d'*Euselasia uria* (Hewitson, [1853]) provenant du Bas Amazone (État d'Amapa – Brésil) (Lepidoptera, Riodinidae) (17<sup>ème</sup> note). *Lambillionea* 110(2)(2): 241-244, 8 figs. (August) [*E. u. amapaena*]  
2011a. Le genre *Nymphidium* Fabricius, 1807. Description de deux nouvelles espèces (Lepidoptera, Riodinidae, Nymphidiini). *Lambillionea* 111(3)(2): 314-319, 23 figs. (December) [*N. jacarequara*, *N. vicocea*; made available the unavailable names *Theope pierreli* and *T. klagesi* – see Jauffret, 2010c; behavior; Brazil]  
2011b. See Gil-Santana, H. R. et al., 2011.
- Jauffret, Pierre** [1937-2009]  
1969. See Bricoux, F. et al., 1969.  
2011. See Gil-Santana, H. R. et al., 2011.
- Jauffret, Pierre, and Jacques Dominique Corêcha Jauffret**  
2007a. Description de deux espèces nouvelles de Riodinidae du genre *Roerberella* Strand, 1932 provenant de l'embouchure de l'Amazone - état du Pará - Brésil. (Lepidoptera) (3<sup>ème</sup> note). *Lambillionea* 107(2)(2): 299-302, 5 figs. (June) [*R. heberti*, *R. marajoara*; behavior]  
2007b. Le genre *Theope* Doubleday, 1847 a l'embouchure de l'Amazone (Lepidoptera, Riodinidae) 4<sup>ème</sup> note. *Lambillionea* 107(3): 406-415, 7 figs. (September) [general; behavior; Brazil]  
2007c. Description de deux espèces nouvelles de Riodinidae appartenant aux genres *Zelotaea* Bates, 1868 et *Argyrogrammana* Strand, 1932, provenant de la région de l'embouchure de l'Amazone (Lepidoptera). *Lambillionea* 107(4): 611-615, 7 figs. (December) [*Z. brunescens*, *A. iracyi*; Brazil]  
2008a. Découverte de *Dachetola virido* (Lathy, 1968 [sic]) au Brésil. Description d'une sous-espèce nouvelle. (Lepidoptera Riodinidae) – 6<sup>e</sup> note. *Lambillionea* 108(2): 139-144, 9 figs. (June) [*D. v. klagesi*]  
2008b. Le genre *Mesene* Doubleday, 1847 a l'embouchure de l'Amazone. Description d'une nouvelle espèce. *Lambillionea* 108(3): 309-314, 20 figs. (September) [*M. lecointrei*; Brazil]  
2009a. Description d'une nouvelle espèce de *Calydna* Doubleday, 1847 provenant du sud-est paraense, Brésil (Lepidoptera-Riodinidae) (8<sup>ème</sup> note). *Lambillionea* 109(1)(2): 79-83, 12 figs. (March) [*Echydna bojeto*]  
2009b. Riodinidae rares et peu connus rencontrés dans l'état du Pará, au Brésil (région du bas Amazone) (Lepidoptera). Première partie: Le genre *Symmachia* Hübner [1819] (10<sup>ème</sup> note). *Lambillionea* 109(1)(2): 84-88, 13 figs. (March) [general]  
2009c. Description de quatre espèces nouvelles de *Theope* Doubleday, 1847 originaires du Brésil et du Paraguay. Description de la femelle de *T. minialba* Gallard, 2006 (Lepidoptera: Riodinidae: Nymphidiini) (11<sup>ème</sup> note). *Lambillionea* 109(2): 155-164, 22 figs. (June) [*T. maues*, *T. cmielkei*, *T. campinensis*, *T. christophi*]  
2009d. Le genre *Semomesia* Hübner, 1851 [sic] (Lepidoptera: Riodinidae: Mesosemiini). Description d'une espèce et d'une sous espèce nouvelles du moyen et du bas Amazone –Brésil (12<sup>e</sup> note). *Lambillionea* 109(3)(1): 258-266, 2 pls. (September) [*S. wallacei*, *S. alyattes fassli*]  
2009e. Riodinidae rares ou peu connus rencontrés dans l'état du Pará, au Brésil (Région du bas Amazone) (Lepidoptera) (Boiinventaire – Deuxième partie) (13<sup>e</sup> note). *Lambillionea* 109(3)(2): 315-321, 32 figs. (September) [general; behavior]  
2010a. Le genre *Theope* Doubleday, 1847 (Lepidoptera: Riodinidae: Nymphidiini) sous groupe de *Theope foliorum*. Description d'une sous espèce nouvelle. Biodiversité d'un écosystème du Rio Guama, bas Amazone (14<sup>e</sup> note). *Lambillionea* 110(1)(1): 43-51, 25 figs. (April) [*T. pakitza frejoense*]  
2010b. Le genre *Symmachia* Hübner, 1819 (Lepidoptera: Riodinidae: Symmachiini). Description d'une nouvelle espèce du Brésil (15<sup>e</sup> note). *Lambillionea* 110(1)(2): 91-94, 18 figs. (April) [*S. giffordii*]
- Jauffret, Pierre, Jacques Dominique Corêcha Jauffret and Antônio Pessôa**  
2008. Études préliminaires sur la fauna des Riodinidae du nord-est brésilien - État du Ceará. (Lepidoptera). Description d'une espèce et de trois sous espèces nouvelles (9<sup>ème</sup> note). *Lambillionea* 108(4)(2): 501-510, 35 figs. (December) [*Baeotis viciosa*, *Hallonympha paucipuncta laisi*, *Mesosemia minos guaramiranga*, "*Emesis*" *guttata lambedor*]
- Jauffret, Pierre, and Áurea Linhares Martins**  
2006. Description de trois espèces nouvelles de Riodinidae provenant de la région de l'embouchure de l'Amazone (Pará, Brésil). (Lepidoptera). *Lambillionea* 106(3)(1): 395-401, 8 figs. (September) [*Pirascuca pujarnii*, *Argyrogrammana danieli*, *A. sonazul*]
- Jauffret, Pierre, and Anne Caroline Pantoja de Sousa**  
2006. Description d'une espèce et d'une sous-espèce nouvelles de *Calospila* Geyer, 1832 provenant de la région du Bas Amazone (Pará, Brésil). (Lepidoptera - Riodinidae) (2<sup>ème</sup> note). *Lambillionea* 106(4)(1): 655-660, 10 figs. (December) [*C. overali*, *C. parthaon tauaensis*; behavior]
- Jay, Paul, Annabel C. Whibley, Lise Frézal, María Ángeles Rodríguez, Reuben W. Nowell, James Louis Borlase Mallet, Kanthon K. Dasmahapatra and Mathieu Joron**  
2018. Supergene evolution triggered by the introgression of a chromosomal inversion. *Current Biology* 28(11): 1839-1845, 4 figs. (4 June; published online 24 May) [*Heliconius*]
- Jayaseelan, Joy C.**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Jeannot, Georges**  
1974. See Blandin, P. & G. Jeannot, 1974.
- Jeansonne, Miranda M.**  
2004. See Brower, A. V. Z. & M. M. Jeansonne, 2004.

- Jégu, Michel**  
1998. See Pierre, J. & M. Jégu, 1998.
- Jeng, Ming-Luen**  
2019. See Wu, L.-W. et al., 2019.
- Jenkins, Dale Wilson** [1918-2012]  
1983. Neotropical Nymphalidae I. Revision of *Hamadryas*. *Bulletin of the Allyn Museum* 81: 1-146, 209, figs., 2 tabs. (27 May) [new subspecies: *H. amphichloe lamasi*, *H. glauconome grisea*, *H. iphthime joannae*, *H. amphinome mazai*, *H. velutina browni*; bionomics]  
1984. Neotropical Nymphalidae II. Revision of *Myscelia*. *Bulletin of the Allyn Museum* 87: 1-64, 108 figs. (16 May) [new subspecies: *M. cyaniris millerorum*, *M. leucocyana smalli*, *M. ethusa chiapensis*; bionomics]  
1985a. Neotropical Nymphalidae. III. Revision of *Catonephele*. *Bulletin of the Allyn Museum* 92: 1-65, 103 figs., 1 tab. (18 January) [new taxa: *C. mexicana*, *C. acontius caeruleus*, *C. numilia immaculata*; bionomics; phylogeny]  
1985b. *Hamadryas* in the United States (Nymphalidae). *Journal of the Lepidopterists' Society* 38(3): 171-175 (24 April) [general]  
1985c. Neotropical Nymphalidae. IV. Revision of *Ectima*. *Bulletin of the Allyn Museum* 95: 1-30, 43 figs. (12 July) [new subspecies: *E. erycinoides ecuadorensis*; bionomics; phylogeny]  
1986. Neotropical Nymphalidae. V. Revision of *Epiphile*. *Bulletin of the Allyn Museum* 101: 1-70, 119 figs., 2 tabs. (30 January) [new subspecies: *E. chrysites venezuelensis*, *E. eriopsis devriesi*; bionomics; phylogeny]  
1987. Neotropical Nymphalidae. VI. Revision of *Asterope* (= *Callithea* Auct.). *Bulletin of the Allyn Museum* 114: 1-66, 90 + 1 figs., 5 tabs. (30 December) [new subspecies: *A. degandii allyni*, *A. markii ackeryi*; host plants; mimicry; phylogeny; South America]  
1989. Neotropical Nymphalidae. VII. Revision of *Nessaea*. *Bulletin of the Allyn Museum* 125: 1-38, 61 figs., 2 tabs. (5 April) [new subspecies: *N. hewitsonii boliviensis*; behavior; egg, larva; host plant]  
1990. Neotropical Nymphalidae. VIII. Revision of *Eunica*. *Bulletin of the Allyn Museum* 131: 1-177, 380 figs., 4 tabs. (20 June) [new taxa: *E. interphasis*, *E. malvina albida*, *E. marsolia paraensis*, *E. incognita*; Neotropics; taxonomy; host plants; distribution; phylogeny]
- Jennings, Peter R.**  
1975. See Cheaney, R. L. & P. R. Jennings, 1975.
- Jensen, Mikael Kryger**  
2018. See Zagrobelny, M. et al., 2018.
- George, Ricardo Estébez**  
2008. See Gómez, R. E. et al., 2008.  
2014. See Gómez, R. E. et al., 2014.
- Jepsen, Sarina**  
2015. See Oberhauser, K. S. et al., 2015a.
- Jérémie, Joël**  
1991. See Lescure, J. et al., 1991.
- Jerez, Viviane**  
2012. See Briones, R. et al., 2012.
- Jermiin, Lars S.**  
2006. See Wickham, S. et al., 2006.
- Jervis, Mark A., Carol L. Boggs and Peter N. Ferns**  
2005. Egg maturation strategy and its associated trade-offs: a synthesis focusing on Lepidoptera. *Ecological Entomology* 30(4): 359-375, 1 fig., 2 tabs. (August; published online 25 July) [general]
- Jesus, Flávio Gonçalves de**  
2015. See Nogueira, L. et al., 2015.  
2018. See Nogueira, L. et al., 2018.
- Jesus-Barros, Cristiane Ramos de, Eililson de Jesus Barbosa, Lidiane Silva Freitas and Maiara Sabrina Martins de Souza Adaime**  
2014. Borboletas (Lepidoptera: Papilionoidea) de Macapá, Amapá, Brasil. *Biota Amazônia* 4(2): 180-183, 2 tabs. [general]
- Jezeer, Rosalien E., Maria J. Santos, Pita A. Verweij, René G. A. Boot and Yann Clough**  
2019. Benefits for multiple ecosystem services in Peruvian coffee agroforestry systems without reducing yield. *Ecosystem Services* 40(101033): 1-13, 5 figs., 2 tabs. (December; published online 16 October) [general]
- Jiang, Lei**  
2007. See Zheng, Y. et al., 2007.  
2014. See Liu, C. et al., 2014.
- Jiang, Shihong**  
2016. See Meng, Z. et al., 2016.
- Jiggins, Christopher David**  
1996. See Mallet, J. L. B. et al., 1996.  
1997. See McMillan, W. O. et al., 1997.  
1998. See Mallet, J. L. B. et al., 1998.  
1999a. See Davison, A. et al., 1999.  
1999b. See Mallet, J. L. B. et al., 1999.  
2001. See Naisbit, R. E. et al., 2001.  
2002a. See Estrada, C. & C. D. Jiggins, 2002.  
2002b. See Naisbit, R. E. et al., 2002.  
2002c. See Beltrán, M. et al., 2002.  
2003a. See Sweeney, A. et al., 2003.  
2003b. See Naisbit, R. E. et al., 2003.  
2005a. See Mallarino, R. et al., 2005.  
2005b. See Salazar, C. A. et al., 2005.  
2005c. See Merchán, H. A. et al., 2005.  
2005d. See Tobler, A. et al., 2005.  
2005e. See Papanicolaou, A. et al., 2005.  
2006a. See Bull, V. et al., 2006.  
2006b. See Mavárez, J. et al., 2006.  
2006c. See Joron, M. et al., 2006a.  
2006d. See Joron, M. et al., 2006b.  
2007a. See Pringle, E. G. et al., 2007.  
2007b. See Beltrán, M. et al., 2007.  
2007c. See Elias, M. et al., 2007.  
2008a. See Papanicolaou, A. et al., 2008.  
2008b. See Estrada, C. & C. D. Jiggins, 2008.  
2008c. Ecological speciation in mimetic butterflies. *BioScience* 58(6): 541-548, 2 figs., 1 tab. (June) [*Heliconius*]  
2008d. See Papa, R. et al., 2008a.  
2008e. See Arias, C. F. et al., 2008.  
2008f. See Giraldo, N. et al., 2008.  
2008g. See Baxter, S. W. et al., 2008.  
2008h. See Elias, M. et al., 2008.  
2008i. See Salazar, C. A. et al., 2008.  
2009a. See Elias, M. et al., 2009a.  
2009b. See Elias, M. et al., 2009b.  
2009c. See Baxter, S. W. et al., 2009a.  
2009d. See Baxter, S. W. et al., 2009b.  
2009e. See Ferguson, L. C. & C. D. Jiggins, 2009.  
2010a. See Baxter, S. W. et al., 2010.  
2010b. See Counterman, B. A. et al., 2010.  
2010c. See Ferguson, L. et al., 2010.  
2010d. See Salazar, C. A. et al., 2010.  
2010e. See Muñoz, A. G. et al., 2010.  
2010f. See Melo, M. C. et al., 2010.  
2010g. See Wu, G. C. et al., 2010.  
2011a. See Surridge, A. K. et al., 2011.  
2011b. See Ferguson, L. C. et al., 2011a.  
2011c. See Merrill, R. M. et al., 2011a.  
2011d. See Merrill, R. M. et al., 2011b.  
2011e. See Reed, R. D. et al., 2011.



- 2011f. See Joron, M. et al., 2011.
- 2011g. See Chamberlain, N. L. et al., 2011.
- 2011h. See Ferguson, L. C. et al., 2011b.
- 2011i. See Muñoz, A. G. et al., 2011.
- 2011j. See Hines, H. M. et al., 2011.
- 2012a. See Jones, R. T. et al., 2012.
- 2012b. See Nadeau, N. J. et al., 2012.
- 2012c. See Dasmahapatra, K. K. et al., 2012.
- 2012d. See Hill, R. I. et al., 2012.
- 2012e. See Martin, A. et al., 2012.
- 2012f. See Pardo-Díaz, C. et al., 2012.
- 2012g. See Walters, J. R. et al., 2012.
- 2012h. See Maroja, L. S. et al., 2012.
- 2012i. See Merrill, R. M. et al., 2012.
- 2013a. See Nadeau, N. J. et al., 2013.
- 2013b. See Merrill, R. M. et al., 2013.
- 2013c. See Briscoe, A. D. et al., 2013.
- 2013d. See Martin, S. H. et al., 2013.
- 2014a. See Chazot, N. et al., 2014.
- 2014b. See Pardo-Díaz, C. & C. D. Jiggins, 2014.
- 2014c. See Nadeau, N. J. et al., 2014.
- 2015a. See Keightley, P. D. et al., 2015.
- 2015b. See Martin, S. H. et al., 2015.
- 2015c. See Kozak, K. M. et al., 2015.
- 2015d. See Merrill, R. M. et al., 2015.
- 2015e. See Harpel, D. et al., 2015.
- 2015f. See Sánchez, Á. P. et al., 2015.
- 2015g. See Walters, J. R. et al., 2015.
- 2016a. See Wallbank, R. W. R. et al., 2016.
- 2016b. See Van Schooten, B. et al., 2016.
- 2016c. See Nadeau, N. J. et al., 2016.
- 2016d. See Yu, Q.-Y. et al., 2016.
- 2016e. See Davey, J. W. et al., 2016.
- 2016f. See Chazot, N. et al., 2016c.
- 2016g. See Dell'Aglio, D. D. et al., 2016a.
- 2016h. See Dell'Aglio, D. D. et al., 2016b.
- 2016i. See Martin, S. H. et al., 2016.
- 2017a. *The ecology and evolution of Heliconius butterflies*. New York, Oxford University Press. ix + 277 pp., 30 pls., figs., tabs. ([22 February]) [general; Neotropics]
- 2017b. See Lamas, G. & C. D. Jiggins, 2017.
- 2017c. See Silva, D. L. de et al., 2017.
- 2017d. See Pinharanda, A. L. et al., 2017.
- 2017e. See Willmott, K. R. et al., 2017b.
- 2017f. See Arias, C. F. et al., 2017.
- 2017g. See Davey, J. W. et al., 2017.
- 2017h. See Dalbosco Dell'Aglio, D. et al., 2017.
- 2017i. See Mann, F. et al., 2017.
- 2017j. See Mérot, C. et al., 2017.
- 2017k. See Enciso-Romero, Juan et al., 2017.
- 2017l. See Darragh, K. et al., 2017.
- 2017m. See Mazo-Vargas, A. et al., 2017.
- 2017n. *What can we learn about adaptation from the wing pattern genetics of Heliconius butterflies?*, pp. 173-188, 2 figs., 1 tab. In: Sekimura, T. & H. F. Nijhout (Eds.), *Diversity and evolution of butterfly wing patterns. An integrative approach*. Singapore, Springer Nature. (published online 30 August) [general]
- 2017o. See Van Belleghem, S. M. et al., 2017.
- 2017p. See Cuthill, I. C. et al., 2017.
- 2018a. See Van Belleghem, S. M. et al., 2018a.
- 2018b. See Van Belleghem, S. M. et al., 2018b.
- 2018c. See Dell'Aglio, D. D. et al., 2018.
- 2019a. See Martin, S. H. et al., 2019a.
- 2019b. See Clerici, N. et al., 2019.
- 2019c. See Pinharanda, A. L. et al., 2019.
- 2019d. See Merrill, R. M. et al., 2019.
- 2019e. See Darragh, K. et al., 2019.
- 2019f. See Hanly, J. J. et al., 2019.
- 2019g. See Martin, S. H. et al., 2019b.
- 2019h. See Edelman, N. B. et al., 2019.
- 2019i. See Concha, C. et al., 2019.
- 2019j. See Montejo-Kovacevich, G. et al., 2019.
- Jiggins, Christopher David, Pablo Andrade, Eduardo Cueva, Sarah Dixon, Isabel Isherwood and Jake Willis**
1999. The conservation of three forests in south-west Ecuador. *Biosphere Publications Research Report 2*: 1-130, figs., 2 tabs. [general]
2000. *Ecuador Nature Guide. Southwest forests. Sozoranga Forest Project*. Edmonton, Lone Pine Publishing. 96 pp., figs. [general]
- Jiggins, Christopher David, and Neil Davies**
1998. Genetic evidence for a sibling species of *Heliconius charithonia* (Lepidoptera: Nymphalidae). *Biological Journal of the Linnean Society* 64(1): 57-67, 1 fig., 3 tabs. ("May" [4 June]) [*H. peruvianus* C. & R. Felder; Ecuador, Peru; host plants]
- Jiggins, Christopher David, Igor Emelianov and James Louis Borlase Mallet**
- 2005a. *Assortative mating and speciation as pleiotropic effects of ecological adaptation: Examples in moths and butterflies*, pp. 451-473, 2 figs. In: Fellowes, M., G. Holloway & J. Rolff (Eds.), *Insect evolutionary ecology*. London, Royal Entomological Society of London (September) [general]
- Jiggins, Christopher David, Catalina Estrada and A. Rodrigues**
2004. Mimicry and the evolution of premating isolation in *Heliconius melpomene* Linnaeus. *Journal of evolutionary Biology* 17(3): 680-691, 3 figs., 1 tab. (May) [behavior; French Guiana, Ecuador, Panama]
- Jiggins, Christopher David, Mauricio Linares, Russell Edward Naisbit, Camilo Andrés Salazar, Zihen H. Yang and James Louis Borlase Mallet**
2001. Sex-linked hybrid sterility in a butterfly. *Evolution* 55(8): 1631-1638, 1 fig., 1 tab. (14 September) [*Heliconius melpomene melpomene* (Linnaeus), *H. m. rosina* Boisduval; host plants; French Guiana, Colombia, Panama]
- Jiggins, Christopher David, and William Owen McMillan**
1997. The genetic basis of an adaptive radiation: warning colour in two *Heliconius* species. *Proceedings of the royal Society of London (B)* 264(1385): 1167-1175, 2 figs., 3 tabs. (22 August) [*H. erato cyrbia* Godart, *H. himera* Hewitson; Ecuador]
- Jiggins, Christopher David, William Owen McMillan, Peter King and James Louis Borlase Mallet**
1997. The maintenance of species differences across a *Heliconius* hybrid zone. *Heredity* 79: 495-505, 4 figs., 3 tabs. [*H. erato* (Linnaeus), *H. himera* Hewitson; genetics; evolution; Ecuador]
- Jiggins, Christopher David, William Owen McMillan and James Louis Borlase Mallet**
1997. Host plant adaptation has not played a role in the recent speciation of *Heliconius himera* and *Heliconius erato*. *Ecological Entomology* 22(3): 361-365, 1 fig., 1 tab. (August) [Ecuador]
- Jiggins, Christopher David, William Owen McMillan, Walter Michael Neukirchen and James Louis Borlase Mallet**
1996. What can hybrid zones tell us about speciation? The case of *Heliconius erato* and *H. himera* (Lepidoptera: Nymphalidae). *Biological Journal of the Linnean Society* 59(2): 221-242, 4 figs., 4 tabs. ([17] October) [genetics; evolution; Ecuador, Peru]
- Jiggins, Christopher David, Ricardo Mallarino, Keith Richard Willmott and Eldredge P. Bermingham**

2006. The phylogenetic pattern of speciation and wing pattern change in Neotropical *Ithomia* butterflies (Lepidoptera: Nymphalidae). *Evolution* 60(7): 1454-1466, 6 figs., 1 tab. (July)
- Jiggins, Christopher David, and James Louis Borlase Mallet**  
2000. Bimodal hybrid zones and speciation. *Trends in Ecology and Evolution* 15(6): 250-255, 2 tabs. (June) [*Heliconius erato* (Linnaeus), *H. himera* Hewitson; Ecuador]
- Jiggins, Christopher David, and Simon H. Martin**  
2017. Glittering gold and the quest for Isla de Muerta. *Journal of evolutionary Biology* 30(8): 1509-1511. (published online 8 August) [*Heliconius*]
- Jiggins, Christopher David, Jesús Mavárez, Margarita Beltrán, William Owen McMillan, J. Spencer Johnston and Eldredge P. Bermingham**  
2005b. A genetic linkage map of the mimetic butterfly *Heliconius melpomene*. *Genetics* 171(2): 557-570, 4 figs., 2 tabs. (October; published online 16 October)
- Jiggins, Christopher David, Russell Edward Naisbit, Rebecca L. Coe and James Louis Borlase Mallet**  
2001. Reproductive isolation caused by color pattern mimicry. *Nature* (London) 411(6835): 302-305, 3 figs., 2 tabs. (17 May) [*Heliconius*; Panama, French Guiana]
- Jiggins, Christopher David, Camilo Andrés Salazar, Mauricio Linares and Jesús Mavárez**  
2008. Hybrid trait speciation and *Heliconius* butterflies. *Philosophical Transactions of the royal Society of London* (B) 363(1506): 3047-3054, 2 figs. (27 September; published online 25 June) [general]
- Jiggins, Christopher David, Richard W. R. Wallbank and Josph J. Hanly**  
2017. Waiting in the wings: what can we learn about gene co-option from the diversification of butterfly wing patterns? *Philosophical Transactions of the royal Society of London* (B) 372(1713)(20150485): 1-10, 5 figs. (5 February; published online 19 December 2016) [*Heliconius*; genomics]
- Jiggins, Francis M.**  
2012. See Dasmahapatra, K. K. et al., 2012.  
2016. See Martin, S. H. et al., 2016.
- Jijón, Gabriel**  
1990. See Oleas, A. et al., 1990.
- Jiménez, Carlos J.**  
1982. See Schwartz, A. & C. J. Jiménez, 1982.
- Jiménez, D.**  
2013. See Van der Heyden, T. & D. Jiménez, 2013.
- Jiménez, Edith, Álvaro Castañeda, Jesús Ricardo Sánchez and Sotero Aguilar**  
2017. Estudio biológico de *Pterourus multicaudatus* W. F. Kirby (Lepidoptera: Papilionidae) en dos localidades del Estado de México. *Entomología mexicana* 4: 498-502, 6 figs. (July) [host plant; parasitoid; Mexico]
- Jiménez, Fabio**  
2015. See Rubio, M. & F. Jiménez, 2015.
- Jiménez, Gabriela**  
1994. See Benrey, B. et al., 1994.  
2000. See Cordero, C. R. et al., 2000.
- Jiménez, Gabriela, and Jorge Soberón**  
1989. Laboratory rearing of *Sandia xami xami* (Lycaenidae, Eumaeini). *Journal of Research on the Lepidoptera* 27(3/4): 268-271, 4 figs. (10 December) [host plant; Mexico]
- Jiménez, Héctor Daniel**  
2011. See Melo, V. et al., 2011.
- Jiménez, Jorge A.**  
2004. *Mangrove forests under dry seasonal climates in Costa Rica*, pp. 136-141. In: Frankie, G. W., A. Mata & S. B. Vinson (Eds.), *Biodiversity conservation in Costa Rica. Learning the lessons in a seasonal dry forest*. Berkeley, University of California Press (February) [*Junonia evarete* (Cramer); host plant]
- Jiménez, Larry**  
2010. See Amat, G. D. et al., 2010.
- Jiménez, Mauricio**  
1993. See Bobadilla, D. et al., 1993.
- Jiménez, Mauricio, Pedro Gallo and Eliett Silva**  
1989. Susceptibilidad de varias especies de larvas de lepidópteros al nemátodo entomopatógeno *Steinernema carpocapsae* (Steinernematidae). *Idesia* 11: 49-51 [*Leptotes trigemmatatus* (Butler); Chile]
- Jiménez, Miriam**  
2012. See Corona, M. de los Á. et al., 2012.
- Jiménez, Orlando**  
1992. Excelente parasitismo. *Notas y Noticias entomológicas* (Bogotá) 1992(7/8): 51 (15 October) [*Panoquina*; host plant; parasitoids; Colombia]
- Jiménez, Roberto**  
2007. See Molina, N. & R. Jiménez, 2007.
- Jiménez-Guevara, Marco Antonio**  
2008. See Esparza-Frausto, G. et al., 2008.
- Jiménez-Ortega, Alex Mauricio**  
2018. See Palacios-Mayoral, V. D. et al., 2018.
- Jiménez-Pérez, Nelly del Carmen, Eduardo Javier Moguel-Ordóñez, Oscar Alonso Hernández-Jiménez and Manuel Pérez-de la Cruz**  
2017. Primer registro de *Eumaeus childrenae* sobre la cicada microendémica *Zamia cremonophila* (Zamiaceae) en Tabasco, México. *Southwestern Entomologist* 42(2): 609-611, 1 fig. (June)
- Jiménez-Sánchez, Esteban, Adriana Romero-Lozano, María Eugenia Elsa Díaz-Batres and Jorge Ricardo Padilla-Ramírez**  
2019. Diversidad de lepidópteros diurnos (Lepidoptera: Hesperioidea y Papilionoidea) de una zona montañosa en Oztolotepec, Estado de México, México. *Folia entomologica mexicana* (Nueva serie) 5(2): 66-79, 4 figs., 4 tabs. (published online 31 August) [general]
- Jin, Ke**  
2008. See Zhang, M. et al., 2008.
- Jirón, Luis Fernando, and Lars Ingemar Hedström**  
1985. Pollination ecology of mango (*Mangifera indica* L.) (Anacardiaceae) in the Neotropic region. *Turrialba* 35(3): 269-277, 7 figs., 4 tabs. (July-September) [general; Costa Rica]
- Joannis, Joseph de** [1854-1932]  
1896. Note sur un cas tératologique chez *Catonephele numilia*, Cr., ♂ (Lepid.). *Bulletin de la Société entomologique de France* 1896(5): 148 (March) [Brazil]
- Jörg, Miguel Eduardo** [1909-2002]  
1947. Sobre una morfología glandular y una diferenciación sensorial en la oruga de *Morpho catenarius argentinus* Fruhs. *Revista de la Sociedad entomológica argentina* 13(1/5): 359-360 (10 June) [Argentina]  
1948. Un órgano de especial diferenciación anátomo-microscópica en la oruga de *Morpho catenarius argentinus* (Lep. Rhop. Morphidae). *Acta zoologica Lilloana* 5: 131-136, 1 pl., 2 figs. (28 October) [Argentina]  
1960. Quimiorreceptor osmosensible en larvas de *Morpho catenarius argentinus* Fruhstorfer 1907 (Lepidoptera, Morphidae). *Neotropica* (Buenos Aires) 6(20): 41-48, 5 figs. (1 August) [histology; physiology; Argentina]
- Jørgensen, Peter** [1870-1937]  
1916. Las mariposas argentinas (Lep.). Familia Pieridae. *Anales del Museo nacional de Buenos Aires* 28: 427-520, 14 figs.

- ([10 November]) [general; new taxa: *Tatochila distincta*, *T. stigmadice* form *punctata*, *Pieris monuste* form *marmorata*, *Leptophobia diaguita*, *Mathania loranthei*, *Hesperocharis marshalli* form *quicha*, *Teriocolias atinas* form *meridionalis*, *Colias blameyi*, *Meganostoma helena* form *citrina*, *Phulia aconquijae*; life histories; host plants; Brasil, Paraguay, Uruguay, Chile, Bolivia, Colombia, Ecuador, Peru, Venezuela]
1922. Sobre algunos nuevos enemigos de la yerba-mate, *Ilex paraguariensis*. *Revista de la Sociedad científica del Paraguay* 1(2): 27-30 ("October 1921", 1922) [*Adelpha calliphicea* Butler, *Emesis mandana* (Cramer), *Thymele fulgerator* (Walch); life histories; Paraguay]
- 1924a. Observaciones biológicas de lepidópteros sudamericanos. *Revista de la Sociedad científica del Paraguay* 1(6): 84-89 (October) [general; Paraguay]
- 1924b. Sobre dos casos de hermafroditismo en las mariposas (Lep.). *Revista de la Sociedad científica del Paraguay* 1(6): 89-90 (October) [*Colias lesbia* (Fabricius); Argentina]
1932. Lepidopterologisches aus Südamerika. *Deutsche entomologische Zeitschrift "Iris"* 46(1): 37-66 (20 April) [general; new taxa: *Terias elathea obsoleta*, *Thecla cecrops* form *chacona*, *Anisochoria parvipuncta*, *Talides crepuscularis*]
1934. Neue Schmetterlinge und Raupen aus Südamerika. *Deutsche entomologische Zeitschrift "Iris"* 48(2): 60-78 (30 June) [general; host plants; behavior; ecology; new taxa: *Thecla aegides* form *sylvana*, *T. confusa*, *T. arenicola*; Argentina]
1935. Lepidópteros nuevos o raros de la Argentina y del Paraguay. *Anales del Museo argentino de Ciencias naturales "Bernardino Rivadavia"* 38: 85-130, pls. 1-4 (12 April) [general; *Terias thymetus* form *formosanus*, *Coenonympha andalgalensis*, *Epinephile* (sic) *subandina*, *Thecla guayra*, *T. sanctissima*, *Bungalotis sapucayae*, *Cyclosemia satyrus*, *Metrocles doello-juradoi*, *Megistias larseni*, *Pseudosarbia heinrichi*, *Pyrrhopygopsis migonei*, *Vehilius venosus* form *simplex*; life histories; host plants; ecology]
- Johansen, Villads Egede**  
2017. See Song, B. et al., 2017.
- Johansson, Boas** [1742-1809]  
1763a. *Centuria insectorum rariorum*. Upsala. [vi] + 32 pp. (23 June) [general; new species: *Papilio mneme*, *P. melite*, *P. polybe*, *P. philea*, *P. demophile*, *P. talaus*, *P. jatrophae*, *P. dido*, *P. peleus*, *P. actorion*, *P. arcus*; Neotropics] [Note: the authorship of these names must be credited to C. Linnaeus]  
1763b. *Centuria insectorum rariorum*, pp. 384-415. In: Linnaeus, C., *Amoenitates Academicæ; seu dissertationes variae physicae, medicae, botanicae, antehac seorsim editae, nunc collectae et auctae cum tabulis aeneis*. Holmiae, Laurentius Salvius. 6: [iv] + 486 pp., 5 pls. ([September]) [general; reprint of the former, with corrections]
- Johns, Timothy**  
2009. See Helson, J. E. et al., 2009.  
2015. See Raudsepp-Hearne, C. et al., 2015.
- Johnsen, Sönke**  
2001. Hidden in plain sight: The ecology and physiology of organismal transparency. *Biological Bulletin* 201(3): 301-318, 6 figs., 2 tabs. (December) [Greta oto (Hewitson)]  
2003. See Sweeney, A. et al., 2003.
- Johnson, Cecil George**  
1969. *Migration and dispersal of insects by flight*. London, Methuen & Co. Ltd. xxii + 763 pp., frontisp., 217 figs., 46 tabs. [general]  
1976. See Bowden, J. & C. G. Johnson, 1976.
- Johnson, Cecil George, and John Bowden**  
1973. *Problems related to the transoceanic transport of insects, especially between the Amazon and Congo areas*, pp. 207-222, 5 figs., 1 tab. In: Meggers, B. J., E. S. Ayensu & W. D. Duckworth (Eds.), *Tropical forest ecosystems in Africa and South America: A comparative review*. Washington, D.C., Smithsonian Institution Press. [*Danaus plexippus* (Linnaeus), *Vanessa cardui* (Linnaeus), *V. virginensis* form *braziliensis* (Moore)]
- Johnson, Charles Willison** [1863-1932]  
1892. See Fox, W. J. & C. W. Johnson, 1892.
- Johnson, Frank** [?-1949], and **William Phillips Comstock**  
1941. *Anaea* of the Antilles and their continental relationships with descriptions of new species, subspecies and forms (Lepidoptera, Rhopalocera, Nymphalidae). *Journal of the New York entomological Society* 49(4): 301-343, pls. 8-12 (10 December) [general; *A. andria* summer form *andriaesta*, *A. aidea floralis*, *A. a. f.* summer form *floraesta*, *A. troglodyta borinquenalis*, *A. ecuadoralis*, *A. venezuelana*; Neotropics]
- Johnson, Jodie V.**  
2012. See Priestap, H. A. et al., 2012.
- Johnson, Karen**  
1993. See Willmott, K. R. et al., 1993.
- Johnson, Kathleen A.**  
1991. See Ivie, M. A. et al., 1991.
- Johnson, Kristin Renee** [1973- ]  
2012. *Ordering life. Karl Jordan and the naturalist tradition*. Baltimore, The Johns Hopkins University Press. x + 376 pp., figs. [general; history]
- Johnson, Kurt Duane** [1946- ]  
1976a. A new species of *Callophrys* (*Mitoura*) from Mexico (Lepidoptera: Lycaenidae). *Pan-Pacific Entomologist* 52(1): 60-62, 1 fig. (22 April) [*C. (M.) turkingtoni*; host plant]  
1976b. Three new Nearctic species of *Callophrys* (*Mitoura*), with a diagnosis [sic] of all Nearctic consubgenera (Lepidoptera: Lycaenidae). *Bulletin of the Allyn Museum* 38: 1-30, 17 figs., 2 tabs. (28 May) [general; Mexico]  
1986a. *Mitoura millerorum* (Clench) and its occurrence in the United States (Lycaenidae). *Journal of the Lepidopterists' Society* 39(2): 119-124, 2 figs. (7 January) [Mexico]  
1986b. A new species of *Tmolus* (Lycaenidae) with notes on the *Euptychia westwoodi* (Satyridae) mimicry complex. *Bulletin of the Allyn Museum* 106: 1-11, 5 figs. (30 December) [*T. albimimicus*; Neotropics]  
1988a. A new subspecies of *Sandia macfarlandi* [sic] from the Sierra Madre Oriente of Mexico (Lepidoptera: Lycaenidae). *Insecta Mundi* 2(1): 16-20, 3 figs. ("March" [22 April]) [*S. m. madreorientale*]  
1988b. *Tergissima* and *Femniterga*, new sister genera of *Calycopis* Scudder and *Calystryma* Field from the South Central Andes (Lepidoptera: Lycaenidae). *Insecta Mundi* 2(1): 28-42, 5 figs., 1 tab. ("March" [22 April]) [new species: *T. mosconiensis*, *T. macphersoni*, *F. notacastanea*, *F. judae*; Argentina, Bolivia]  
1988c. Replacement name for *Mitoura siva rhodope* Clench (1981) [nec Godman & Salvin, 1887] (Lepidoptera: Lycaenidae). *Insecta Mundi* 2(1): 76-80, 2 figs. ("March" [22 April]) [*M. s. clenchi*; Mexico]  
1988d. Taxonomy, phylogeny, and biogeography of *Asterocampa* Röber 1916 (Lepidoptera, Nymphalidae, Apaturinae).- Tim Friedlander. *Journal of the New York Entomological Society* 96(4): 482-485 [review]  
1989a. A revisionary study of the Neotropical hairstreak butterfly genus *Noreena* and its new sister genus *Contrafacia* (Lepidoptera: Lycaenidae). *Journal of the New York entomological Society* 97(1): 11-46, 10 figs., 3 tabs. (29

- March) [new species: *N. guianivaga*, *N. luxuriosa*, *N. pritzkeri*, *N. galactica*, *C. rindgei*, *C. mexicana*, *C. australis*, *C. minutaea*]
- 1989b. Revision of *Chlorostrymon* Clench and description of two Austral Neotropical species (Lycaenidae). *Journal of the Lepidopterists' Society* 43(2): 120-146, 7 figs. (18 May) [*C. patagonia*, *C. chilleana*; Neotropics]
- [1990]a. A revision of the South American hairstreak butterfly genera *Tergissima* and *Femniterga* (Lycaenidae: Theclinae). *Insecta Mundi* 3(3): 195-215, 11 figs. ("September 1989", [9 March 1990]) [new species: *T. montanensis*, *T. shargeli*, *F. itaituba*, *F. megana*, *F. splendida*, *F. strobilata*, *F. auria*]
- [1990]b. The hairstreak butterfly genus *Noreena* (Lycaenidae, Theclinae) and a new species from Western Peru. *Insecta Mundi* 3(3): 247-248, 2 figs. ("September 1989", [9 March 1990]) [*N. fracta*]
- 1990c. The new hairstreak genus *Orcya*, a revision of the Neotropical "*Thecla*" *orcynia* assemblage (Lepidoptera: Lycaenidae). *Journal of the New York entomological Society* 98(1): 50-87, 12 figs., 1 tab. (11 April) [new species: *O. hewitsoni*, *O. obliqua*, *O. supra*]
- 1990d. *Penaincisalia*, a new genus of "elfin"-like butterflies from the high Andes (Lepidoptera: Lycaenidae). *Pan-Pacific Entomologist* 66(2): 97-125, 10 figs. (16 November) [general; new species: *P. penai*, *P. bimediana*, *P. aurentata*, *P. caudata*, *P. descimoni*, *P. downeyi*, *P. pichincha*, *P. rawlini*, *P. patagonaevaga*; South America]
- 1990e. High Andean *Chlorostrymon* (Lycaenidae) and a new species from Mt. Larancagua, Chile. *Journal of the Lepidopterists' Society* 44(3): 188-193, 2 figs. (6 December) [*C. larancagua*]
- 1990f. The butterflies of Hispaniola. Albert Schwartz. 1989. *Florida Entomologist* 73(4): 690-691 (14 December) [general; book review]
- 1991a. Neotropical hairstreak butterflies: Genera of the "*Calycopis/Calystryma* Grade" of Eumaeini (Lepidoptera, Lycaenidae, Theclinae) and their diagnostics. *Reports of the Museum of Natural History, University of Wisconsin* 21: [iv] + 128 pp., 87 figs. (15 April) [new taxa: *Calystryma quintana*, *Serratofalca*, *Klaufera*, *Gigantofalca*, *G. stacya*, *G. duida*, *Distissima*, *D. spenceri*, *D. srandrea*, *Serratoterga*, *S. larsoni*, *S. saopauloensis*, *Terminospinissima*, *T. serratissima*, *Furcovalva*, *F. extensa*, *Cyanodivida*, *C. fornoi*, *C. neorcillata*, *Morphissima*, *M. scalpera*, *Fieldia*, *F. yungas*, *Femniterga boliviensis*, *Kroenleina*, *K. panornata*, *K. escuintla*, *Antrissima*, *A. varicolor*, *A. misionensis*, *Reversustus*, *R. assuensis*, *Mercedes*, *Argentostriatus*, *Iaspis diffusus*, *Angulopsis*, *Uzzia*, *U. splendor*, *U. cotera*, *Dicya*, *D. cyanoundulata*, *Celmia*, *C. stigmata*, *Caerofethra*, *Aubergina*, *Sipaea*, *S. sepeina*]
- 1991b. See Smith, D. S. et al., 1991.
- 1991c. Cladistics and the biogeography of two trans-caribbean hairstreak butterfly genera: *Nesiostrymon* and *Terra* (Lepidoptera, Lycaenidae). *American Museum Novitates* 3011: 1-43, 85 figs., 4 tabs. (26 June) [general; new taxa: *N. celida baorucoensis*, *N. milleri*, *N. australivaga*, *T. andevaga*]
- 1991d. Types of Neotropical Theclinae (Lycaenidae) in the Muséum National d'Histoire Naturelle, Paris. *Journal of the Lepidopterists' Society* 45(2): 142-157, 34 figs. (24 October) [general; new names: *Thecla lathyi*, *T. raptissima*, *T. magnapurpurata*, *T. familiaris*]
- 1992a. Genera and species of the Neotropical "elfin"-like hairstreak butterflies (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of Natural History, University of Wisconsin* (Stevens Point) 22(1): 1-135, 205 figs.; (2): 136-279, 241 + 2 figs. (15 May) [new taxa: *Thecloxurina* (new genus) *browni*, *T. eiseleorum*, *T. loxurina lustra*, *T. I. astillero*, *T. truncta*, *T. feminina*, *T. costarica*, *T. bolivatymna*, *Pons* (new genus) *magnifica*, *P. vittata*, *P. purpurea*, *P. saraha*, *Abloxurina* (new genus) *contracolora*, *A. chiaspa*, *A. balzapamba*, *A. dissentanea putreensis*, *Candora* (new genus) *fallacandor*, *C. cyanomediana*, *C. kellya*, *C. jonesi*, *C. albalineata*, *C. contraloxurina*, *C. triangulara*, *Pontirama* (new genus) *brunea*, *P. lapazensis*, *P. adriana*, *P. lorena*, *P. eiselei*, *P. tolimensis*, *P. coquimbensis*, *Rhamma* (new genus) *cuchoensis*, *R. sabula*, *R. austoxida*, *R. comstocki*, *R. nigrasarotina*, *R. saroticana*, *R. inexpectata*, *R. roberti*, *R. tarma*, *R. catamarca*, *R. chilensis*, *R. duplicata*, *R. creara*, *R. argenta*, *R. magenta*, *R. disjuncta*, *Shapiroana* (new genus) *shapiro*, *S. circe*, *S. aurifera*, *S. matusikorum*, *S. macphersoni*, *S. minissima*, *S. herrerae*, *Paralustrus* (new genus) *orsiensis*, *P. paccius*, *Penaincisalia eiselei*, *P. planuma*, *Galba* (new genus) *elvira*, *G. fumosa*, *Radissima* (new genus) *umbratus colombiensis*, *R. curitabaensis*, *R. esolana*, *Cisincisalia* (new genus) *moecki*, *Variiegatta* (new genus) *reducta*, *Lamasa* (new genus) *robbinsi*, *Tigrinota* (new genus) *jennifera*, *T. perinota*, *Ignata* (new genus) *ignobilis*, *I. illepida*, *Arases* (new genus) *clenchi*, *A. aurantiaca*, *A. columbiana*, *Solanorum* (new genus) *gentilii*, *Denivia* (new genus) *maggae*, *Cryptaenota*; morphology; distribution]
- 1992b. Replacement name for *Fieldia* Johnson, 1991, pp. 12-13. In Johnson, K. (Ed.), Taxonomic additions to recent studies of Neotropical butterflies. *Reports of the Museum of Natural History, University of Wisconsin* (Stevens Point) 23: 1-20, figs. (15 May) [*Profieldia*]
- 1992c. A high Andean new species of *Terra* (Lepidoptera, Lycaenidae). *Journal of the New York entomological Society* 100(3): 522-526, 2 figs. (15 July) [*T. altilineata*; Argentina]
- 1992d. The Palaearctic "elfin" butterflies (Lycaenidae, Theclinae). *Neue entomologische Nachrichten aus dem Entomologischen Museum Dr. Ulf Eitschberger* 29: 1-141, 99 figs. (August) [new genus: *Deciduphagus*; Mexico, Guatemala]
- 1992e. A new species of *Orcya* from the Maroni River Basin of French Guiana. *Journal of the New York entomological Society* 100(4): 615-620, 2 figs. [*O. snyderi*]
- 1992f. See Schwartz, A. & K. Johnson, 1992.
- 1993a. See Bálint, Z. & K. Johnson, 1993a.
- 1993b. See Bálint, Z. & K. Johnson, 1993b.
- 1993c. Notes on the location of certain type specimens of Neotropical Eumaeini (Lepidoptera: Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 30: 1-2 (29 March) [general]
- 1993d. See Llorente, J. E. et al., 1993.
- 1993e. Neotropical hairstreak butterflies: New sister genera of the "*Electrostrymon/Angulopsis*" grade of Eumaeini (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 32: [i-ii], 1-76, [1-12], pls. 1-4, 11 figs. (13 December) [general; new taxa: *Gigantorubra* (new genus) *simplica*, *G. mininota*, *G. clintoni*, *G. solitaria*, *G. bahia*, *G. exotissima*, *G. ornamentata*, *G. melanorubra*, *G. adamsi*, *G. necbadaca*, *G. argenomontana*, *G. shueyi*, *G. tafiensis*, *Crimsinota* (new genus) *giganta*, *C. perplexissima*, *C. youngi*, *C. cyanorubra*, *C. argentina*, *Ziegleria* (new genus) *bernardi*, *Z. mexicana*, *Z. cyanissima*, *Z. hoffmani*, *Z. compendina*, *Nicolaea* (new genus) *gagarini*, *N. macroma*, *N. micronota*, *N. pertainea*, *N. honduriana*;

- Central and South America]
- 1993f. Hairstreak butterflies of the genus *Argentostratus* (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History. University of Wisconsin (Stevens Point)* 36: [i-ii], 1-19, pl. 7, 4 figs. (13 December) [general; new species: *A. roraimaevagus*, *A. wolfii*, *A. eitschbergeri*, *A. mysticus*; Central and South America]
- 1993g. Hairstreak butterflies of the genus *Tigrinota* (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History. University of Wisconsin (Stevens Point)* 37: [i-ii], 1-21, pl. 7, 3 figs. (13 December) [general; new species: *T. catamarciiana*, *T. chaosa*; South America]
- 1993h. See LeCrom, J. F. & K. Johnson, 1993.
- 1993i. A new Neotropical genus of branded angulopine-like hairstreak butterflies (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History. University of Wisconsin (Stevens Point)* 40: [i-ii], 1-7, pl. 9, 1 fig. (13 December) [*Rindgea*; new species: *R. umuarama*, *R. pyxis*; Brazil, Colombia]
- 1993j. See Constantino, L. M. et al., 1993.
- 1994a. See Bálint, Z. & K. Johnson, 1994a.
- 1994b. See Bálint, Z. & K. Johnson, 1994b.
- 1994c. See Hedges, S. B. & K. Johnson, 1994.
- 1995a. A new species of *Gigantofalca* from Argentina (Lycaenidae). *Journal of the Lepidopterists' Society* 49(1): 31-38, 4 figs. (2 March) [*G. calilegua*]
- 1995b. See Austin, G. T. & K. Johnson, 1995.
- 1995c. See Bálint, Z. & K. Johnson, 1995a.
- 1995d. See Bálint, Z. & K. Johnson, 1995b.
- 1995e. See Bálint, Z. & K. Johnson, 1995c.
- 1995f. See Bálint, Z. & K. Johnson, 1995d.
- 1995g. See Bálint, Z. & K. Johnson, 1995e.
- 1995h. See Bálint, Z. & K. Johnson, 1995f.
- 1995i. See Bálint, Z. & K. Johnson, 1995g.
- 1995j. See Benyamini, D. et al., 1995a.
- 1995k. See Benyamini, D. et al., 1995b.
- 1995l. See Bálint, Z. & K. Johnson, 1995h.
- 1995m. See Benyamini, D. et al., 1995c.
- [1996]a. See Bálint, Z. & K. Johnson, 1995.
- 1996b. See Benyamini, D. & K. Johnson, 1996.
- 1996c. See Austin, G. T. & K. Johnson, 1996.
- 1996d. See Torres, R. et al., 1996.
- 1997a. See Le Crom, J. F. & K. Johnson, 1997a.
- 1997b. See Salazar, J. A. & K. Johnson, 1997.
- 1997c. See Constantino, L. M. & K. Johnson, 1997.
- 1997d. See Le Crom, J. F. & K. Johnson, 1997b.
- 1997e. See Salazar, J. A. et al., 1997.
- 1997f. See Le Crom, J. F. & K. Johnson, 1997c.
- 1997g. See Bálint, Z. & K. Johnson, 1997a.
- 1997h. See Bálint, Z. & K. Johnson, 1997b.
- [1998]a. See Austin, G. T. & K. Johnson, [1998]a.
- [1998]b. See Austin, G. T. & K. Johnson, [1998]b.
- 1998c. See Bálint, Z. et al., 1998.
- 1998d. See Austin, G. T. & K. Johnson, 1998.
- [1999]a. See Bálint, Z. et al., [1999].
- 1999b. Vladimir Nabokov and The Lepidopterists' Society: a centenary tribute. *News of the Lepidopterists' Society* 41(2): 41-45, figs. (15 May) [Lycaenidae; history]
- 1999c. See Boyd, B. & K. Johnson, 1999.
- 1999d. Vladimir Nabokov's tropical lepidoptery: a window on the past, a warning about the future. *Lepidoptera News* 1999(3): 1, 4-8, 2 figs. ("30 November" [13 December]) [general; conservation]
- 2000a. See Canals, G. R. & K. Johnson, 2000.
- 2000b. See Faynel, C. & K. Johnson, 2000.
- 2000c. Monarch experts gather in New York: Sound alarm on Monarch situation in Mexico. *News of the Lepidopterists' Society* 42(4): 96-97, 102-103, 6 figs. (15 November) [*Danaus plexippus* (Linnaeus); conservation]
- 2000d. See Bálint, Z. et al., 2000.
- 2001a. Monarch watch 2000. Monarch experts call Monarch situation in Mexico critical. *Lepidoptera News* 2000(3): 1, 7-10, 6 figs. (31 January) [*Danaus plexippus* (Linnaeus); conservation]
- 2001b. Some comments on the sociology of lepidopterists. *Lepidoptera News* 2001(3): 7-9 (28 November) [general]
- 2001c. See Bálint, Z., D. Benyamini et al., 2001.
- 2001d. See Bálint, Z., C. S. Guppy et al., 2001.
- 2001e. Recognizing Vladimir Nabokov's legacy in science: Where we are today; where we go from here. *Nabokov Studies* 6: 149-161. [Polyommatainae]
2002. Monarch Watch 2001. Scientists at New York's annual "Monarch Watch" emphasize deforestation and Bt-corn dangers. *Lepidoptera News* 2001(4): 1, 6, 3 figs. (20 May) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- 2003a. See Faynel, C. et al., 2003.
- 2003b. See Bálint, Z. et al., 2003.
2005. Regarding the Neotropical Butterfly Checklist. *Association for Tropical Lepidoptera Notes* 2005(4): [1], [3]-[4] (30 December) [general; book review]
- 2011a. Kudos to Nabokov; Archives to Florida. *News of the Lepidopterists' Society* 53(1): 22-23 (7 June) [general; history]
- 2011b. See Vila, R. et al., 2011.
2016. See Blackwell, S. H. & K. D. Johnson, 2016.
- Johnson, Kurt Duane, and Michael Jan Adams**
1993. Elfin butterflies from the Adams/Bernard expeditions to Colombia and Venezuela (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History. University of Wisconsin (Stevens Point)* 25: 1-10, pl. 2, 2 figs. (29 March) [general; new species: *Thecloxurina pantanosa*, *Lamasa calisto*, *Arases vanewrighti*, *Rhamma cassidyi*, *Arases spectaculorum*; Peru]
- Johnson, Kurt Duane, and Angela R. Amarillo**
1997. Review of *Antephrys* with description of a new Colombian species. *Revista de Theclinae colombianos* 1(4): [ii] + 1-16, 3 figs. (15 August) [*A. santander*; Mexico, Central America, Venezuela]
- Johnson, Kurt Duane, George Traut Austin, Jean François Le Crom and Julián Adolfo Salazar**
1997. The Strephonina, a new infratribe of the Eumaeini with description of fourteen new genera (Lycaenidae). *Revista de Theclinae colombianos* 1(1): [ii] + 1-61, pls. 1-2, 16 figs. (15 August) [new taxa: *Strephonota*, *Zigirina*, *Treboniana*, *Serratonotes*, *Letizia*, *Robustana*, *R. prima*, *Diminutina*, *Dindymnotes*, *Exorbaetta*, *Syedranota*, *Cyclotrichia*, *Falerinota*, *Ostrinotes*, *O. amarillonotes*, *Decussata*, *D. colombiana*]
- Johnson, Kurt Duane, and Zsolt Bálint**
1995. Distinction of *Pseudochrysops*, *Cyclargus*, *Echinargus* and *Hemiargus* in the Neotropical Polyommataini (Lepidoptera, Lycaenidae). *Reports of the Museum of natural History, University of Wisconsin (Stevens Point)* 54: 1-14, pl. 6, figs. (28 December) [new species: *C. shuturni*]
- Johnson, Kurt Duane, and Stephen H. Blackwell**
2016. Fine lines: Vladimir Nabokov's scientific art. Book from Yale University Press on Vladimir Nabokov's scientific legacy. *News of the Lepidopterists' Society* 58(2): 82-84, figs. (29 April) [general]
- Johnson, Kurt Duane, and Brian Boyd**
1999. *Naturally playful: An introduction*, pp. 13-20. In: Funke, S., *Vera's Butterflies. First editions by Vladimir Nabokov inscribed to his wife*. New York, Glenn Horowitz

- Bookseller, Inc. [Lycaenidae]
- Johnson, Kurt Duane, and Steve Coates**  
1999. *Nabokov's Blues. The scientific odyssey of a literary genius.* Cambridge, Zoland Books. xii + 372 pp., 8 pls. [general]
- Johnson, Kurt Duane, and Luis Miguel Constantino**  
1997. *Paraspiculatus*, a new genus of the Eumaeini. *Revista de Theclinae colombianos* 2(10): [ii] + 1-8, 1 fig. (15 August) [new species: *P. colombiensis*; Colombia, Brazil, Peru]
- Johnson, Kurt Duane, and Robert De Candido**  
2001. Devastating March for Monarchs in Mexico. *News of the Lepidopterists' Society* 43(2): 44-45, 4 figs. (15 June) [*Danaus plexippus* (Linnaeus); ecology; conservation]
- Johnson, Kurt Duane, and Henri Descimon**  
1988. Systematic status and distribution of the little-known charaxine *Prepona weneri* Hering & Hopp. *Journal of the Lepidopterists' Society* 42(4): 269-275, 2 figs., 1 tab. (6 December) [Colombia]
1989. Proper generic and specific status of Antillean "*Prepona*" butterflies with description of a new subspecies from Puerto Rico (Nymphalidae; Charaxinae). *Caribbean Journal of Science* 25(1/2): 45-53, 5 figs., 1 tab. (October) [*Archaeoprepona demophoon ramosorum*]
- Johnson, Kurt Duane, Robert C. Eisele and Bruce N. MacPherson**  
1988. The "hairstreak butterflies" (Lycaenidae, Theclinae) of northwestern Argentina. I. Introduction, *Calycopis*, *Calystryma*, *Tergissima* & *Femniterga*. *Bulletin of the Allyn Museum* 123: 1-49, 18 figs., 1 tab. (22 November) [new species: *Calystryma phryne*, *C. nototrebula*, *Calycopis gigantea*, *C. argenopuncta*, *C. nancea*, *C. crena*, *C. dragones*, *C. valparaiso*; Bolivia, Brazil, Chile]
1990. The "hairstreak butterflies" (Lycaenidae, Theclinae) of northwestern Argentina. II. *Strymon*, *sensu stricto*. *Bulletin of the Allyn Museum* 130: 1-77, 51 figs. (30 May) [new species: *S. amphyporphyra*, *S. golbachi*, *S. rhapsos*, *S. peristictos*, *S. cyanofusca*, *S. montivagus*, *S. nicolayi*, *S. lariyojoa*, *S. lorrainea*, *S. coronos*, *S. nivnix*, *S. baptistorum*, *S. barbara*]
1992. Additions to the Argentine fauna, pp. 1-2, figs. In: Johnson, K. (Ed.), Taxonomic additions to recent studies of Neotropical butterflies. *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 23: 1-20, figs. (15 May) [new species: *Strymon cryptogramus*, *Ministrymon chacovaga*]
1993. Genera for the small green hairstreak butterflies of the Neotropical realm (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 39: [i-ii], 1-16, pl. 9, 5 figs. (13 December) [new taxa: *Plesiocyanophrys* (new genus), *Antephrys* (new genus) *prestoni*, *Androcona* (new genus) *lecroni*, *Sarracenoa* (new genus), *Necmitoura* (new genus) *marcusa*, *Chalybs schmidtmummi*; Central and South America]
- Johnson, Kurt Duane, and S. Blair Hedges**  
1998. Three new species of *Calisto* from southwestern Haiti (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 9(2): 45-53, 3 figs. ("30" [31] December) [*C. pauli*, *C. woodsi*, *C. thomasi*]
- Johnson, Kurt Duane, and Karl Ritter Kroenlein**  
1993a. Revision of *Angulopsis* (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 33: [i-ii], 1-38, pl. 5, 6 figs. (13 December) [new species: *A. tucumanensis*, *A. desjardinas*, *A. obscurus*, *A. hernandezii*, *A. microterminatis*, *A. saphronotis*, *A. strymonotis*, *A. vioangulis*, *A. rubrolimbacosta*, *A. ruborbiculis*, *A. calycopinotis*, *A. suarezensis*, *A. suggestis*, *A. mossi*, *A. llorentei*, *A. constantinoi*; Central and South America]
- 1993b. New genera and species of the "gem butterflies" (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 34: [i-ii], 1-42, pl. 6, 7 figs. (13 December) [*Pendantus* (new genus) *argentinensis*, *Rubroserata* (new genus) *gloriosa*, *R. arima*, *R. punta*, *R. rubiferata*, *Kisutam* (new genus) *simplisis*, *K. spadectis*, *Angulopsis duplicatis*, *Electrostrymon grumus*; Neotropics]
- 1993c. Three remarkable new species of *Strymon* Hübner from Brazil and Ecuador (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 35: [i-ii], 1-8, pl. 7, 1 fig. (13 December) [*S. alexandra*, *S. altamiraensis*, *S. rojos*; Ecuador, Brazil]
1997. A new species of *Argentostriatus* from Colombia (Lycaenidae: Eumaeini). *Revista de Theclinae colombianos* 2(11): [ii] + 1-7, pls. 9-11 (15 August) [*A. namohai*]
- Johnson, Kurt Duane, and James J. Kruse**  
1997. Colombian species of tailless "*Cyanophrys*" *sensu lato* and their sister taxa: Priorities for biological study. *Revista de Theclinae colombianos* 1(5): [ii] + 1-35, pl. 4, 3 figs., 3 maps (15 August) [new species: *Plesiocyanophrys lamellatus*, *P. silverado*, *P. salazari*, *P. angela*, *P. ricardo*, *P. brazilensis*, *P. paranensis*, *Cyanophrys sullivani*, *C. velezi*, *C. eupatorium*; Neotropics]
- Johnson, Kurt Duane, James J. Kruse and Karl Ritter Kroenlein**  
1997. The Macusiina, a new infratribe of the Eumaeini with description of ten new genera (Lycaenidae). *Revista de Theclinae colombianos* 2(13): [iv] + 1-39, pls. 12-13, 12 figs. (15 August) [new taxa: *Egides*, *Bussa*, *Owda*, *Brevianta*, *Enos*, *Laothus*, *Timaeta*, *Thaeides*, *T. annandon*, *Timokla*, *T. laura*; Neotropics]
- Johnson, Kurt Duane, and Jean François Le Crom**  
1997a. The "brown-frons" complex of *Cyanophrys sensu lato* and new sister species from Colombia and Brazil. *Revista de Theclinae colombianos* 1(2): [ii] + 1-21, pl. 3a, 6 figs. (15 August) [new taxa: *Cyanophrys remuborealis*, *C. rindgei*, *C. saphirus*, *C. (Mesocyanophrys)*, *C. (Apophrys)*; Neotropics]
- 1997b. Clench's *Cyanophrys* "*amyntor* group" in Colombia with descriptions of several outlying endemics from elsewhere in South America. *Revista de Theclinae colombianos* 1(3): [ii] + 1-28, 14 figs. (15 August) [*C. amyntoides*, *C. descimoni*, *C. distractus howei*, *C. immaculus*, *C. pseudocallophria*, *C. innocuus*, *C. rachelae*, *C. gigantus*, *C. pantobias*; Neotro-pics]
- 1997c. *Asymbiopsis*, a new genus of the tribe Eumaeini (Lycaenidae) with descriptions of new species of *Asymbiopsis* and *Symbiopsis* Nicolay. *Revista de Theclinae colombianos* 2(9): [ii] + 1-25, pls. 7-8, 9 figs. (15 August) [*A. designarus*, *A. remolinensis*, *A. bulbis*, *A. castinotus*, *A. velezi*, *S. salazari*, *S. pencilatus*]
- Johnson, Kurt Duane, and Jorge Enrique Llorente**  
1992. Additions to the Mexican fauna, pp. 9-12, figs. In: Johnson, K. (Ed.), Taxonomic additions to recent studies of Neotropical butterflies. *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 23: 1-20, figs. (15 May) [general; new species: *Cyanophrys necopina*]
- Johnson, Kurt Duane, and Carmen Rita Lugo**  
1997. Three new species of elfin-like lycaenid butterflies from the high Andes of Colombia (Thecloxurina; Strymonina). *Revista de Theclinae colombianos* 1(6): [ii] + 1-12, pls. 5-

- 6, 2 figs. (15 August) [*Rhamma lecromi*, *Abloxurina lecromi*, *Heoda lecromi*]
- Johnson, Kurt Duane, Bruce N. MacPherson and Jeffrey Stuart Ingraham**
1986. A new genus and species of Eumaeini (Theclinae) from western Argentina (Lepidoptera: Lycaenidae). *Bulletin of the Alyn Museum* 102: 1-7, 2 figs. (29 May) [*Noreena maria*]
- Johnson, Kurt Duane, and David Matusik**
1986. First reported males, species status, and affinities of *Epargyreus spanna* Evans (Hesperiidae). *Journal of the Lepidopterists' Society* 40(1): 59-63, 2 figs. (9 October) [República Dominicana]
- 1987a. The status of "*Papilio hipparchus*" Staudinger (Papilionidae). *Journal of the Lepidopterists' Society* 41(1): 65-69, 2 figs. (16 April) [*Protesilaus phaon* (Boisduval); taxonomy; Colombia]
- 1987b. A new white and black subspecies of *Protesilaus euryleon* (Papilionidae). *Journal of the Lepidopterists' Society* 41(1): 70-74, 2 figs. (16 April) [*P. e. pleiades*; taxonomy; Colombia]
- 1987c. The types and status of *Papilio tasso* Staudinger. *Journal of the Lepidopterists' Society* 41(2): 108-113, 2 figs. (26 June) [general; taxonomy; Central and South America]
1988. Five new species and one new subspecies of butterflies from the Sierra de Baoruco of Hispaniola. *Annals of the Carnegie Museum* 57(10): 221-254, 16 figs., 1 tab. (15 September) [*Electrostrymon minikyanos*, *Strymon andrewi*, *Heterosmaitia abeja*, *Leptotes idealus*, *Panoquina ocola distipuncta*, *Terra* (new genus) *hispaniola*]
- 1989a. *Addendum: A new species of Tmolus (Lycaenidae) from Hispaniola*, pp. 525-529, 2 figs. In: Schwartz, A., *The Butterflies of Hispaniola*. Gainesville, University of Florida Press. [*T. victoria*]
- 1989b. Additional notes on type specimens of little-known Papilionidae. *Papilio International* 6(2): 451-457 (12 December) [general]
1990. The butterflies of Hispaniola. Albert Schwartz. 1989. *Journal of the New York entomological Society* 98(1): 125-126 (11 April) [general; book review]
1992. Additions to the Hispaniolan fauna, pp. 3-5, 4 figs. In: Johnson, K. (Ed.), Taxonomic additions to recent studies of Neotropical butterflies. *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 23: 1-20, figs. (15 May) [new species: *Cyclargus kathleena*, *C. sorpresus*; *Leptotes idealus* Johnson & Matusik, *Calisto ainigma* Johnson, Quinter & Matusik; distribution; República Dominicana]
1993. Dimorphism in the female of *Battus zetides* (Papilionidae) on Hispaniola. *Journal of the Lepidopterists' Society* 47(1): 78-79, 1 fig. (24 February)
- Johnson, Kurt Duane, David Matusik and Richard M. Rozycki**
- 1989a. Status of the papilionid types *Papilio stewarti* Avinoff and *P. morrissi* Ehrmann. *Journal of the Lepidopterists' Society* 43(1): 66-68, 2 figs. (3 March) [Ecuador, Peru, Bolivia]
- 1989b. A study of *Protesilaus microdamas* (Burmeister) and the little-known *P. dospassosi* (Rüttimeyer) and *P. huanucana* (Varea de Luque) (Papilionidae). *Journal of Research on the Lepidoptera* 27(2): 83-95, 7 figs. (15 July) [Central and South America]
- Johnson, Kurt Duane, and Lee Denmark Miller**
1991. The genus *Ministrymon* Clench 1961 in Chile and a new species from the Northern Desert Biotic Province (Lepidoptera: Lycaenidae). *Acta entomológica chilena* 16: 183-192, 5 figs., 1 map (April) [*M. quebradivaga*]
1992. Additions to the Chilean fauna, pp. 5-8. In: Johnson, K. (Ed.), Taxonomic additions to recent studies of Neotropical butterflies. *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 23: 1-20, figs. (15 May) [new species: *Heoda* (new genus) *atacama*; *Rekoa pategon cyrriana* (Hewitson), *Ministrymon quebradivaga* Johnson & Miller, *M. azia* (Hewitson); distribution]
- Johnson, Kurt Duane, Lee Denmark Miller and José Valentín Herrera**
1992. *Eiseliana* and *Heoda*, high Andean and Austral genera of the Neotropical Eumaeini (Lepidoptera: Lycaenidae). *Acta entomológica chilena* 17: 107-146, 25 figs. (September) [new species: *E. patagoniensis*, *E. probabila*, *H. suprema*, *H. nivea*, *H. colombiana*, *H. shapiro*; South America]
- Johnson, Kurt Duane, and Eric L. Quinter**
1983. Commentary on Miller and Brown vs. Ehrlich and Murphy *et al.*: pluralism in systematics and the worldwide nature of kinship groups. *Journal of Research on the Lepidoptera* 21(4): 255-269, 2 figs., 2 tabs. (15 October) [general]
- Johnson, Kurt Duane, Eric L. Quinter and David Matusik**
1987. A new species of *Calisto* from Hispaniola with a review of the female genitalia of Hispaniolan congeners (Satyridae). *Journal of Research on the Lepidoptera* 25(2): 73-82, 4 figs. (21 May) [*C. ainigma*]
- Johnson, Kurt Duane, and Richard M. Rozycki**
1986. A new species of the *anchisiades* group of *Heraclides* from Venezuela (Lepidoptera: Papilionidae). *Journal of the New York entomological Society* 94(3): 383-393, 5 figs., 1 tab. (2 August) [*H. matusikii*]
- Johnson, Kurt Duane, Richard M. Rozycki and David Matusik**
1985. Species status and the hitherto unrecognized male of *Papilio diaphora* Staudinger (1891), (Lepidoptera: Papilionidae). *Journal of the New York entomological Society* 93(3): 1089- 1095, 4 figs. (2 July) [general; Peru, Ecuador, Bolivia, Brazil]
- 1986a. The female of *Papilio xanthopleura* Godman & Salvin (Papilionidae). *Journal of the Lepidopterists' Society* 40(1): 65-66, 1 fig. (9 October) [*Papilio diaphora* Staudinger; Peru, Brazil]
- 1986b. Rediscovery and species status of the Neotropical swallowtail butterfly *Papilio illuminatus* Niepelt (Lepidoptera: Papilionidae). *Journal of the New York entomological Society* 94(4): 516-525, 5 figs. (16 October) [Colombia]
- Johnson, Kurt Duane, and Julián Adolfo Salazar**
1993. New species, statuses and combinations in northern South American *Strymon* (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of natural History, University of Wisconsin* (Stevens Point) 26: 1-13, pl. 2, 3 figs. (29 March) [general; new species: *S. glorissima*, *S. campbellii*, *S. daplissus*, *S. truncatogen*, *S. ochraceus*]
2002. A new species of *Arcas* Swainson from Colombia (Lycaenidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 147-152, 3 figs. (March) [*A. katia*]
- Johnson, Kurt Duane, Julián Adolfo Salazar, José Ignacio Vargas and Efraín Reinel Henao**
2004. Nuevas especies y subespecies de Rhopalocera para Colombia (Insecta, Lepidoptera: Lycaenidae, Riodinidae, Satyridae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 303-316, 15 figs. (November) [*Lamprospilus occidentalis*, *Brevianta balinti*, *Atides browni centralis*, *Euselasia alburna hesione*, *Lymanopoda florensiensis*]
- Johnson, Kurt Duane, Julián Adolfo Salazar and Jesús Hernán Vélez**
1997. New species of *Micandra* Staudinger [sic] from Colombia

- with distinction of *Trochusinus*, a new genus of the Eumaeini. *Revista de Theclinae colombianos* 2(15): [ii] + 1-15, 4 figs. (15 August) [*M. neblina*, *M. sylvia*, *T. werneri*, *T. elizabetha*; Venezuela, Ecuador]
- Johnson, Kurt Duane, Julián Adolfo Salazar, Jesús Hernán Vélez and Rodrigo Torres**
1997. New species of the *adunca* elfin group of the high Andean genus *Rhamma* (Eumaeini; Thecloxurina). *Revista de Theclinae colombianos* 2(12): [ii] + 1-9, 2 figs. (15 August) [*R. livida*, *R. emeraldina*; Colombia, Ecuador, Peru, Bolivia]
- Johnson, Kurt Duane, and David Spencer Smith**
1993. A remarkable new butterfly species from Jamaica (Lepidoptera: Lycaenidae), with notes on Jamaican endemics and their sister species. *Reports of the Museum of natural History. University of Wisconsin* (Stevens Point) 24: 1-14, pl. 1, 2 figs. (29 March) [general; new species: *Chloro-strymon orbis*, *Cyanophrys roraimiensis*]
- Johnson, Kurt Duane, and Andrei Sourakov**
1993. Hairstreak butterflies of the genus *Serratofalca* (Lepidoptera: Lycaenidae). *Tropical Lepidoptera* 4(2): 107-118, 18 figs. ("30 November", [27 December]) [general; new species: *S. sasha*, *S. gorgoniensis*, *S. callilegua*, *S. iguapensis*; Central and South America]
- Johnson, Kurt Duane, G. Warren Whitaker and Zsolt Bálint**
1996. Nabokov as lepidopterist: An informed appraisal. *Nabokov Studies* 3: 123-144, 2 figs. [Lycaenidae; Neotropics]
- Johnson, M. Tracy**
2008. See Badenes, F. R. et al., 2008.
- 2010a. See Badenes, F. R. et al., 2010.
- 2010b. *Miconia* biocontrol: Where are we going and when will we get there?, pp. 1-11, 2 tabs. In: Loope, L. L., J.-Y. Meyer, B. D. Hardesty & C. W. Smith (Eds.), *Proceedings of the International Miconia Conference*. Manoa, University of Hawaii. [general; host plant; Costa Rica, Brazil]
- 2010c. See Hanson, P. E. et al., 2010.
- Johnson, Michael Styles** [1946- ]
1979. See Turner, J. R. G. et al., 1979.
- Johnson, Michael Styles, and John Richard George Turner**
1979. Absence of dosage compensation for a sex-limited enzyme in butterflies (*Heliconius*). *Heredity* 43(1): 71-77, 3 tabs. (August) [*H. melpomene* (Linnaeus), *H. erato* (Linnaeus); Brazil, Panama, Trinidad]
- Johnson, Sarah**
- 2012a. See Pfeiler, E. J. et al., 2012a.
- 2012b. See Pfeiler, E. J. et al., 2012b.
- Johnson, Stephanie E.**
2007. See Yack, J. E. et al., 2007a.
- Johnson, Steve G.**
2013. See Garzón, I. J. et al., 2013.
- Johnson, Theodore [= Theophilus]** [1876-1919]
1870. *Illustrations of Exotic Entomology. First Series*. London, Author. 59 leaves, 59 pls. [general]
- Johnston, J. Spencer**
- 2005a. See Tobler, A. et al., 2005.
- 2005b. See Jiggins, C. D. et al., 2005b.
- Johnston, John Robert** [1880-1953]
1931. Enfermedades y plagas de la piña en la América tropical. *Revista de Agricultura de Puerto Rico* 26(7): 4-11, 6 figs. (January) [also in *Boletín de la Unión panamericana (Agricultura)* (Washington, D.C.) 65: 88-103, 6 figs. (February)] [*Tmolus echion* (Linnaeus); life history; Trinidad, Costa Rica]
- Johnston, S. E.**
2009. See Baxter, S. W. et al., 2009a.
- Joicey, James John** [1871-1932]
1915. [A note]. *Proceedings of the South London entomological & natural History Society* 1914-15: 131. [general; Brazil, Colombia, Peru]
- 1917a. Local forms of *Agrias claudia*. *Proceedings of the entomological Society of London* 1917(1): iv (24 November) [general; French Guiana]
- 1917b. Resemblance, mimetic and non-mimetic. *Proceedings of the entomological Society of London* 1917(1): xxviii-xxix (24 November) [*Papilio erlaces* Gray, *P. harmodius* Doubleday; Peru]
1919. Butterflies of the genus *Castnia* and a mimetic hesperid [sic]. *Proceedings of the entomological Society of London* 1918(3/4): clxiv-clxv (29 March) [Colombia, Peru]
- 1922a. Examples of *Heliconius* from Venezuela. *Proceedings of the entomological Society of London* 1921(5): lxx-lxxi (13 April) [general]
- 1922b. Butterflies from New Guinea and Peru. *Proceedings of the entomological Society of London* 1921(5): xcvi (13 April) [general]
- 1922c. [A note]. *Proceedings of the South London entomological & natural History Society* 1921-22: 65-66. [*Papilio cacicus* Lucas; Peru]
- 1925a. The resemblances between species of the nymphaline genus *Phyciodes* (*Eresia*), and species belonging to other groups and families of Lepidoptera. *Proceedings of the entomological Society of London* 1924(3/4): cxxvi-cxxxii (20 February) [general; Neotropics]
- 1925b. [A note]. *Proceedings of the South London entomological & natural History Society* 1924-25: 117-118. [general; mimicry; Brazil, Ecuador, Peru, Colombia]
- Joicey, James John, and William James Kaye**
- 1917a. On a collection of heliconine forms from French Guiana. *Transactions of the entomological Society of London* 1916 (3/4): 412-431, pls. 107-108 (7 June) [general; new aberrations: *Heliconius melpomene melpomene* ab. *collis*, *H. m. m.* ab. *primus*, *H. m. m.* ab. *melpina*, *H. m. cybele* ab. *elegantula*, *H. m. c.* ab. *faustalia*, *H. m. c.* ab. *dianides*, *H. m. c.* ab. *maris*, *H. m. c.* ab. *negroida*, *H. m. thelxiope* ab. *punctarius*, *H. m. t.* ab. *lucindella*, *H. m. t.* ab. *majestica*, *H. m. t.* ab. *stygianus*, *H. m. t.* ab. *negroidens*, *H. erato* ab. *belticopsis*, *H. e.* ab. *protea*, *H. e.* ab. *hemicycla*, *H. e.* ab. *constricta*; new form: *H. numata* f. *melanopors*; new subspecies: *H. melpomene eltringhami*; new species: *Eueides egeriformis*]
- 1917b. New races and aberrations of *Heliconius*. *Annals and Magazine of natural History* (8)20(115): 87-94 (1 July), (116): pls. 5-6 (1 August) [general; *H. numata talboti*, *H. n. silvaniformis*, *H. ignotus*, *H. aristiona pratti*, *H. clysonimus apicalis* aberration *semirubra*, *H. a. indecisa*, *H. numata superioris* aberration *translata*, *H. erato eratophylla*, *H. melpomene melpophylla*, *H. erato erato* aberration *cybelellus*, *H. sapho primularis* aberration *deflava*, *H. erato amphitrite* aberration *unipuncta*, *H. e. rubrizona*, *H. cydno flaveola*, *H. elevatus perchlora*; South America]
- 1917c. New subspecies of *Caligo*. *Entomologist's Record and Journal of Variation* 29(9): 180-182 (15 September) [*C. teucer joasa*, *C. t. semicaerulea*, *C. t. cachi*, *C. t. ecuadora*, *C. eurilochus delectans*; Brazil, Peru, Costa Rica, Ecuador, Venezuela]
1919. Notes on a large heliconiine collection made in French Guiana in 1917, compared with a similar collection made in 1915. *Transactions of the entomological Society of London* 1918(3/4): 347-353, 1 map (29 March) [general; *H. erato* new form *albida*; new aberrations: *Heliconius melpomene melpomene* ab. *favrei*, *H. m. m.* ab. *compacta*, *H. m. cybele* ab. *cybeleia*.]
- Joicey, James John, and William Frederick Henry Rosenberg**
1915. Description of new species of the pierine genera



- Catasticta* and *Daptoneura* [sic]. *Transactions of the entomological Society of London* 1915(1): 147-151, pl. 10 (26 June) [*C. rosea*, *C. fulva*, *C. huancabambensis*, *C. grisea*, *C. talboti*, *C. noakesi*, *D. nigricosta*; Colombia, Peru, Ecuador]
- Joicey, James John, and George Talbot**
- 1918a. New South American Rhopalocera. *Proceedings of the zoological Society of London* 1917(3/4): 259-264, pl. 1, figs. 1-2 (19 February) [*Papilio erlaces chinchipensis*, *P. iphidamas ayabacensis*, *P. harmodius tabaconas*, *Leodonta zenobia monticola*, *Catasticta philone nimbata*, *C. flisa tamboensis*, *C. lathyi*, *C. nimbice peruviana*, *Vila eueidiformis*, *V. e. aberration radiata*; Peru, Ecuador, Brazil, Bolivia]
- 1918b. A gynandromorph of *Papilio lycophron* Hbn. *Proceedings of the zoological Society of London* 1917(3/4): 273, pl. 2 (19 February) [Peru]
- 1918c. Three aberrations of Lepidoptera. *Proceedings of the zoological Society of London* 1917(3/4): 275-276, pl. 1, fig. 3 (19 February) [*Catagramma*, *Papilio*; Peru, Venezuela]
1919. Species of *Heliconius* from French Guiana. *Proceedings of the entomological Society of London* 1918(3/4): clii-cliii (29 March) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus)]
- 1922a. New forms of Papilionidae from New Guinea, Malaya and South America. *Bulletin of the Hill Museum* 1(2): 320-324, pl. 9, figs. 2-3 (14 September) [*Papilio childrenae unimacula*, *P. cutorina* form *dilutus*, *P. trapeza concoloratus*, *P. cacticus inca* form *peruviana*; Ecuador, Peru]
- 1922b. New forms of butterflies from South America. *Bulletin of the Hill Museum* 1(2): 357-358 (14 September) [*Anaea rosae caucana*, *Dasyopthalma rusina* aberration *donckieri*, *Morpho cypris lathyi*; Colombia, Peru]
- 1924a. Descriptions of four new butterflies. *Entomologist* 57(729): 37-40 (February) [*Telegonus domingensis*; República Dominicana]
- 1924b. Three new South American butterflies. *Bulletin of the Hill Museum* 1(3): 570-571 (16 July) [*Papilio aglaope ecaudatus*, *P. erlaces lacydes* form *parvifascia*, *Euptychia virgata*; Brazil, Ecuador]
- 1924c. Corrigenda. *Bulletin of the Hill Museum* 1(3): 573-574 (16 July) [general]
1925. Notes on some Lepidoptera, with descriptions of new forms. *Annals and Magazine of natural History* (9)16(98): 633-653 (1 December) [general; *Danaida hermippus centralis*, *Papilio philetas magnimacula*, *Heliconius elevatus schmassmanni*, *H. peeblesi*, *H. erato* aberration *telloides*, *Eueides eratosignis*; Trinidad, South America]
1928. New forms of Rhopalocera in the Hill Museum. *Bulletin of the Hill Museum* 2(1): 19-27 (8 February) [general; *Pereute callinira ecuadorensis*, *P. callinice numbalensis*, *P. charops* form *nigricans*, *Leptophobia eleone* form *latifascia*, *Itaballia calydonia centralis*, *Pieris philoma pastaza*, *P. mandela decorata*, *P. m. interposita*, *P. m. maranonensis*; Ecuador, Guatemala, Peru, Costa Rica]
- Jolis, Giuseppe** [1728-1790]
1789. *Degl' insetti*, pp. 353-376. In: *Saggio sulla storia naturale della Provincia del Gran Chaco. E sulle pratiche, e su' costumi dei popoli che l'abitano. Insieme con tre giornali. Di altrettanti viaggi fatti alle interne contrade di que' Barbari*. Faenza, Lodovico Genestri. 1. [general]
- Jolivet, Pierre, and Jean-Michel Maes**
1995. A biological accident or a strange case of phoresy? (Coleoptera; Galerucinae; Lepidoptera; Danainae). *Chrysomela Newsletter* 30: 4 (October) [*Lycorea cleobaea atergatis* Doubleday; Nicaragua]
- Jonas, Ute**
1998. See Anken, R. H. et al., 1998.
- Jones, A. D.**
1987. See Kelley, R. B. et al., 1987.
- Jones, Alexander G.**
2004. *Insects of the Falkland Islands*. London, Falklands Conservation. 32 pp., figs. (before 5 May) [*Yramea cytheris* (Drury), *Cynthia carye* (Hübner)]
2006. Insects in the UK Overseas Territories: a short review of endemism with an introduction to the 'Falkland Islands Invertebrates Conservation Project'. *Antenna* 30(1): 14-29, 8 figs., 3 tabs. (January) [*Yramea cytheris* (Drury)]
- Jones, Edward Dukinfield** [1849-1938]
1879. [Notes]. *Proceedings of the literary and philosophical Society of Liverpool* 33: lxxiii-lxxvii, 1 pl. [*Morpho laertes* (Drury), *Papilio* sp., life histories; Brazil]
1880. Notes on Lepidoptera of São Paulo, Brazil. *Proceedings of the literary and philosophical Society of Liverpool* 34: lxiv-lxix, pls. 1-2. [general; life histories]
1884. In the tropics. *Naturalist* (London) (N.S.) 9(104): 125-134 (March) [general; Brazil]
1910. Some methods of protection and defence in caterpillars. *Proceedings of the Holmesdale natural History Club* 1906/1909: 56-65. [general; Brazil]
1912. Descriptions of new butterflies of the genus *Thecla* from S. E. Brazil. *Proceedings of the zoological Society of London* 1912(4): 896-902, pl. 97 (27 November) [*T. hamila*, *T. fanci*, *T. sicrana*, *T. berth*, *T. schausa*, *T. japola*, *T. fernanda*, *T. nora*, *T. molena*, *T. esmeralda*, *T. castrena*, *T. campa*, *T. datitia*]
- Jones, Edward Dukinfield, and Frederic Moore**
- 1882-83. Metamorphoses of Lepidoptera from Santo Paulo, Brazil, in the Free Public Museum, Liverpool. With nomenclature and description of new forms by Frederic Moore, F.Z.S., and an introductory note by T. J. Moore, C. M. Z. S. L., curator of the Museum. *Proceedings of the literary and philosophical Society of Liverpool* 36: 327-377, pls. 3-6 (1882); 37: 227-259, pl. 7 (1883) [also in *Museum Report. Free public Library, Museum and Gallery of Art* (Liverpool) 2: 21-73, pls. 3-6 (1883); 4: 83-115, pl. 7 (1884)] [general; life histories; new species: *Pyrameis braziliensis*]
- Jones, Frank Morton** [1869-1962]
1910. The Macrolepidoptera of the Bermudas. *Entomological News* 21(4): 165-168 ("April", [31 March]) [general]
1931. Collecting in the Southern Everglades; the sleeping Heliconias. *Journal of the New York entomological Society* 39(2): 266 (1 July) [*Morpho*; Central America, Trinidad]
- Jones, Guinevere Z.**
2009. See Shaw, S. R. & G. Z. Jones, 2009.
- Jones, Guinevere Z., and Scott Richard Shaw**
2012. Ten new species of *Meteorus* (Hymenoptera: Braconidae) from Ecuador reared at the Yanayacu Biological Center for Creative Studies. *Zootaxa* 3547: 1-23, 49 figs. (13 November) [*Daedalma dinias* Hewitson, *Actinote*; host plants; parasitoids]
- Jones, John Matthew**
1859. *The naturalist in Bermuda; a sketch of the geology, zoology, and botany, of that remarkable group of islands; together with meteorological observations*. London, Reeves & Turner. xii + 200 pp., figs., 1 map. [general; host plants; behavior]
- 1876a. On an immense flight of small butterflies (*Terias lisa*) in the Bermudas. *Psyche* (Cambridge) 1(20): 121-125 (12 January) [also in *Entomologist* 9(153): 54-58; March 1876]
- [1876]b. *The visitor's guide to Bermuda. With a sketch of its natural*

- history. London, Reeves & Turner. i-xii, 9-156 pp. [general]
- Jones, Laura E.**  
2004. See Yakubu, A.-A. et al., 2004.
- Jones, Margaret Ann**  
1965. See Brower, L. P. & M. A. Jones, 1965.
- Jones, Matthew C.**  
2011. See Joron, M. et al., 2011.
- Jones, Meg T.**  
2003. See Greeney, H. F. & M. T. Jones, 2003.
- Jones, Robert T.**  
2011. See Joron, M. et al., 2011.  
2012a. See Nadeau, N. J. et al., 2012.  
2012b. See Dasmahapatra, K. K. et al., 2012.  
2013. See Chauhan, R. et al., 2013.
- Jones, Robert T., Yann Le Poul, Annabel C. Whibley, Claire Mérot, Richard H. ffrench-Constant and Mathieu Joron**  
2013. Wing shape variation associated with mimicry in butterflies. *Evolution* 67(8): 2323-2334, 3 figs., 1 tab. (August; published online 24 April) [general; Peru, French Guiana]
- Jones, Robert T., Patricio Alejandro Salazar, Richard H. ffrench-Constant, Christopher David Jiggins and Mathieu Joron**  
2012. Evolution of a mimicry supergene from a multilocus architecture. *Proceedings of the royal Society of London (B)* 279(1727): 316-325, 4 figs., 2 tabs. (22 January; published online 15 June 2011) [*Heliconius numata* (Cramer)]
- Jones, Robert Wallace**  
2003. See León, J. L. et al., 2003.  
2011a. See Salas, M. D. et al., 2011.  
2011b. See Sánchez-Reyes, U. J. et al., 2011  
2013. See Guzmán-Rodríguez, S. M. et al., 2013.  
2016a. See Ramírez, O. & R. W. Jones, 2016.  
2016b. See Rivera, L. et al., 2016.  
2017. See Ramírez, O. & R. W. Jones, 2017.
- Jones, Robert Wallace, Javier Alejandro Obregón-Zúñiga and Sandra María Guzmán-Rodríguez**  
2013. Preliminary assessment of biogeographic affinities of selected insect taxa of the State of Sonora, Mexico, pp. 133-137, 2 figs. In: Gottfried, G. J., P. F. Ffolliott, B. S. Gebow, L. G. Eskew & L. C. Colloins (Eds.), Merging science and management in a rapidly changing world: Biodiversity and management of the Madrean Archipelago III. *USDA Forest Service Proceedings RMRS-P-67*. [general]
- Jones, Thomas Henry** [1885-1941]  
1915. Insects affecting vegetable crops in Porto Rico. *Bulletin. United States Department of Agriculture* 192: 1-11, 4 pls. (8 April) [*Pieris monuste* (Linnaeus), *Eudamus proteus* (Linnaeus); host plants]
- Jones, Thomas Henry, and George Norton Wolcott**  
1922. The caterpillars which eat the leaves of sugar cane in Porto Rico. *Journal of the Department of Agriculture of Porto Rico* 6(1): 38-50, figs. 10-19 (October) [Hesperiidae; life histories; parasitoids]
- Jones, William** (of Chelsea) [1745-1818]  
1794. A new arrangement of Papilios, in a letter to the President. *Transactions of the Linnean Society* (London) 2: 63-69, pl. 8 ([1 May]) [general]
- Jones, William** (of Jamaica)  
1893. Observations on the insects of Jamaica. *Journal of the Institute of Jamaica* 1(8): 368-372 (December) [*Dione vanillae* (Linnaeus), *Aganisthos orion* (Fabricius); host plants; life histories; behavior]
- Jones-Román, Gabriela**  
2019. See Salas-Garita, C. & G. Jones-Román, 2019.
- Jong, Rienk de** [1942- ]  
1975. An abdominal scent organ in some female Pyrginae (Lepidoptera, Hesperiiidae). *Entomologische Berichten* 35(11): 166-169, 5 figs., 1 tab. (1 November) [general; Neotropics]  
1981. *Tokurana* (*Acta Rhopalocera*), no. 1 (Jan. 1981). *Nota lepidopterologica* 4(4): 167-168 (31 December) [Hesperiidae; Mexico; journal review]  
1982. Secondary sexual characters in *Celaenorrhinus* and the delimitation of the genus (Lepidoptera, Hesperiiidae). *Journal of natural History* 16(5): 695-705, 19 figs. ([30 September] [general]  
1983a. Rediscovery of the type of *Papilio phineus* Cramer and its bearing on the genera *Phemiades* Hübner and *Propertius* Evans (Hesperiiidae). *Journal of the Lepidopterists' Society* 36(4): 279-289, 15 figs. (18 March) [new species: *Phemiades pseudophineus*; Central and South America]  
1983b. The biological species concept and the aims of taxonomy. *Journal of Research on the Lepidoptera* 21(4): 226-237, 3 figs. (15 October) [general]  
1983c. Annotated list of the Hesperiiidae (Lepidoptera) of Surinam, with descriptions of new taxa. *Tijdschrift voor Entomologie* 126(11): 233-268, 69 figs. (15 December) [*Elbella bicuspis*, *Urbanus ambiguus*, *Bungalotis sipa*, *Clito jonkersi*, *Cymaenes geijskesi*, *Vehilius major*, *Mnasitheus similis*, *Cobalopsis dorpa*, *C. tanna*, *Phlebodes meesi*, *Polites vibicoides*, *Cravera* (new genus) *rara*, *Surina* (new genus) *unica*, *Morys subgrisea paradoxa*, *Eutychide subpunctata intermedia*, *Penicula criska extensa*, *Panoquina panoquinoides minima*]  
1998. See Ackery, P. R. et al., 1998.  
2003. Are there butterflies with Gondwanan ancestry in the Australian region? *Invertebrate Systematics* 17(1): 143-156, 5 figs., 1 tab. [general; biogeography; South America]  
2004. The higher classification of the Hesperiiidae: past, present and future. *The Nature and Insects* 39(2): 7-10, 2 figs., 1 tab. (February) [general]  
2005a. See Wahlberg, N. et al., 2005a.  
2005b. *Metamorpha sulphitia* (Lepidoptera, Nymphalidae) en de lotgevallen van oude collecties. *Entomologische Berichten* 65(4): 124-127, 6 figs. (August) [history; Surinam]  
2006a. Ongrijpbare kenmerken. *Entomologische Berichten* 66(3): 99-103, 12 figs. (June) [behavior; Hesperiiidae]  
2006b. See Simonsen, T. J. et al., 2006.  
2007. Estimating time and space in the evolution of the Lepidoptera. *Tijdschrift voor Entomologie* 150(2): 319-346, 7 figs. (1 December) [general; biogeography]  
2012. See Simonsen, J. T. et al., 2012.  
2016. Reconstructing a 55-million-year-old butterfly (Lepidoptera: Hesperiiidae). *European Journal of Entomology* 113: 423-428, 9 figs. (published online 9 August) [general, paleontology; systematics]  
2017. Fossil butterflies, calibration points and the molecular clock (Lepidoptera: Papilionoidea). *Zootaxa* 4270(1): 1-63, 23 figs. (25 May) [general]  
2019. See Chazot, N. et al., 2019b.
- Jong, Rienk de, and Cees van Achterberg**  
2007. *Global disjunctions and flying insects*, pp. 5-44, 16 figs. In: Renema, W. (Ed.), *Biogeography, time and place. Distributions, barriers and islands*. Berlin, Springer. (*Topics in Geobiology*, vol. 29) (14 November) [general; Neotropics]
- Jong, Rienk de, and Karen van Dorp**  
2006. The African copper connection. *Entomologische Berichten* 66(4): 124-129, 9 figs. (August) [Lycaeninae; Guatemala]
- Jong, Rienk de, Richard Irwin Vane-Wright and Phillip Ronald**

- Ackery**
1996. The higher classification of butterflies (Lepidoptera): problems and prospects. *Entomologica Scandinavica* 27(1): 65-101, 18 figs., 10 tabs. (April) [general]
- Jongerling, Elbertus**
2009. Two new subspecies and a local form of *Morpho theseus* (Lepidoptera: Nymphalidae, Morphinae) from Panama. *Notes on Butterflies* (Keltorn) 2: 2-3, 10 figs. (29 June) [*M. t. cocoliensis*, *M. t. c.* form *alysiae*, *M. t. dariensis*]
2010. A new subspecies of *Morpho cisseis* (Lepidoptera: Nymphalidae, Morphinae) from Rondônia, Brazil. In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World* 33: 1, pl. 31 (16 July) [*M. c. rondoniense*]
2011. A new subspecies of *Morpho helenor* (Cramer, 1776) (Lepidoptera: Nymphalidae, Morphinae) from the island of Coiba, Veraguas Province, Panama. *Notes on Butterflies* (Keltorn) 4: 2-3, 3 figs. (11 April) [*M. h. coibaensis*]
- Jordan, Heinrich Ernst Karl** [1861-1959]
1898. Contributions to the morphology of Lepidoptera. *Novitates zoologicae* 5(3): 374-415, pls. 14-15 (15 August) [general; antennae; Neotropics]
1900. Einige Bemerkungen zu Herrn Prof. Grote's Systema Lepidopterorum Hildesiae. *Entomologische Nachrichten* 26(17/18): 270-274 (September) [general]
1902. Das Mesosternit der Tagfalter. *Verhandlungen des V. internationalen Zoologen-Congresses* (Berlin), pp. 816-829, 3 pls. [general; morphology]
- 1903a. See Rothschild, L. W. & H. E. K. Jordan, 1903a.
- 1903b. See Rothschild, L. W. & H. E. K. Jordan, 1903b.
1905. Der Gegensatz zwischen geographischer und nicht-geographischer Variation. *Zeitschrift für wissenschaftliche Zoologie* 83: 151-210, 73 figs. (10 November) [general]
1906. See Rothschild, L. W. & H. E. K. Jordan, 1906.
- 1907-08. I. Familie: Papilionidae, Segelfalter. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 11-16 (before 18 June 1907), 17-24 (before 16 July 1907), 25-32 (before 23 July 1907), 33-40 (before 3 September 1907), 41-45, 48 (16 September 1907), 49-51 (25 May 1908), pls. 1-17. [general; ecology; behavior; life histories; *Papilio cleotas phaeton* new female form *syndemis*; Neotropics]
1909. Polymorphic *Papilio* and *Styx infernalis*. *Proceedings of the entomological Society of London* 1909(3): xi (20 September) [Peru, Brazil]
1910. New forms of the Acraeinae genera *Planema* and *Actinote*. *Novitates zoologicae* 17(3): 462-469 (15 December) [general; *A. erinome carabaia*, *A. e. erinome* aberration *sciana*, *A. radiata intensa*, *A. corduba messeres*, *A. alcyones salmonea*, *A. a. melina*, *A. a. varians*, *A. euryleuca*, *A. ozomene catopasta*, *A. stratonice meridana*, *A. s. marthae*, *A. adoxa*, *A. callianthe ella*, *A. c. rufa*, *A. dice napensis*, *A. anaxo comta*, *A. jucunda*, *A. callianira eurus*, *A. c. stenina*, *A. hilaris*, *A. nicylla sobrina*, *A. n. scotosis*, *A. leontine hypsipetes*, *A. l. catochaera*, *A. l. mesia*, *A. momina*; South America]
1911. The systematics of some Lepidoptera which resemble each other, and their bearing on general questions of Evolution. *Procès. 1<sup>er</sup> Congrès international d'Entomologie* (Bruxelles), pp. 385-404, pls. 21-24. [general; Neotropics]
- 1913a. Remarkable larval nests. *Proceedings of the entomological Society of London* 1912(4): cxvii-cxxviii (11 February) [*Eucheira socialis* Westwood; Mexico]
- 1913b. Diagnoses of some American Acraeinae. *Entomologist* 46(597): 32-33 (February) [general; new taxa: *Actinote eresia leptogramma*, *A. desmiala*, *A. diceus flavibasis*, *A. leontine bulis*, *A. stratonice aerea*, *A. alalia conspicua*, *A. cedestis*, *A. crassinia eupelia*, *A. parapheles*, *A. pellenea crucis*, *A. p. calymma*, *A. perisa*; Ecuador, Colombia, Brazil, Bolivia, Paraguay, Argentina]
- 1913c. See Eltringham, H. & H. E. K. Jordan, 1913.
- 1913d. I. Unterfamilie: Acraeinae. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 358-374 (5 June), pls. 81-83. [general; ecology; behavior; life histories; new taxa: *Actinote abana capnodes*, *A. neleus* male aberration *haemera*, *A. alcione varians* form *cyanea*, *A. a. v.* form *extensa*, *A. a. subelatus*, *A. ozomene ozomene* male aberration *reducta*, *A. stratonice diversa*, *A. callianthe amoena*, *A. flavibasis* male aberration *fasciata*, *A. diceus diceus* form *sinefascia*, *A. d. d.* form *confluens*, *A. d. d.* male aberration *rubrostrata*, *A. amphilecta*, *A. demonica demonica* female form *aurantia*, *A. d. d.* female form *intermedia*, *A. antea* form *holochroa*, *A. a.* form *ochrotaenia*, *A. a.* form *straminosa*, *A. thalia* aberration *idiographica*, *A. cedestes suspecta*, *A. guatemalena veraecrucis*, *A. g. lator*, *A. equatoria hahneli*, *A. e. h.* form *semilutea*, *A. e. perfulva*, *A. e. p.* form *flavifascia*, *A. e. limbata*, *A. e. l.* form *cauca*, *A. e. grammica*, *A. e. epiphaea*, *A. e. lodis*, *A. pellenea calymma* form *clara*, *A. p. subhyalina* form *ferrugata*, *A. p. trinitatis*, *A. p. subbadia*, *A. carycina*, *A. parapheles* form *pallescens*; Neotropics]
1914. South American Papilios. *Proceedings of the entomological Society of London* 1913(4): cxviii-cxxx (31 March) [general; mimicry]
- 1923a. On a sensory organ found on the head of many Lepidoptera. *Novitates zoologicae* 30(1): 155-158, pl. 2 (21 March) [*Brassolis*]
- 1923b. List of the butterflies figured on Plate IV. *Novitates zoologicae* 30(2): 270, pl. 4 (30 October) [general]
1924. A Brazilian erycinid and its remarkable pupa. *Proceedings of the entomological Society of London* 1923(5): xcvi (13 June) [*Mesosemia sylvina* Bates]
- 1926a. Über die Stellung der Tagfaltergattung *Libythea*. *Verhandlungen des III. internationaler Entomologen-Kongresses* (Zürich) 2: 361-366, 7 figs. [general; morphology]
- 1926b. The type of *Eumesia semiargentea*, Feld. *Proceedings of the entomological Society of London* (A) 1(2): 18 (21 December) [*Euptychia*; Hesperidae]
1928. On some Lepidoptera of special interest, with remarks on morphology and nomenclature. *Novitates zoologicae* 34(2): 132-146, pls. 1-3 (29 February) [general]
1930. The President's address. *Proceedings of the entomological Society of London* 4(3): 128-142, pl. 3, 6 figs. (15 April) [general; mimicry]
1931. Both sexes of *Papilio aristor*, God., from San Domingo. *Proceedings of the entomological Society of London* (A) 6(2): 62 (31 December) [República Dominicana]
- Jordan, Heinrich Ernst Karl, and Harry Eltringham**
1916. Nymphalidae, subfam. Acraeinae. *Genera Insectorum* 169: 1-81, 2 pls. ([30 September]) [general; Neotropics]
- Jorge, Leonardo do Ré, Pedro Cordeiro-Estrela, Louis Bernard Klaczko, Gilson Rudinei Pires Moreira and André Victor Lucci Freitas**
2011. Host-plant dependent wing phenotypic variation in the neotropical butterfly *Heliconius erato*. *Biological Journal of the Linnean Society* 102(4): 765-774, 4 figs., 3 tabs. (April; published online 28 January) [host plants; Brazil]
- Jorge, Valdiclei Custódio**
2013. See Dorval, A. et al., 2013.
- Joron, Mathieu**
1999. See Mallet, J. L. B. & M. Joron, 1999.
- 2003a. Aposematic coloration, pp. 39-45, 4 figs. In: Resh, V. H. & R. T. Cardé (Eds.), *Encyclopedia of Insects*. San Diego, Academic Press. xxx + 1266 pp., figs. [general]

- 2003b. *Mimicry*, pp. 714-726, 5 figs. In: Resh, V. H. & R. T. Cardé (Eds.), *Encyclopedia of Insects*. San Diego, Academic Press. xxx + 1266 pp., figs. [general]
- 2005a. Polymorphic mimicry, microhabitat use, and sex-specific behaviour. *Journal of Evolutionary Biology* 18(3): 547-556, 4 figs., 2 tabs. (May) [*Heliconius*, Ithomiinae; Peru]
- 2005b. See Papanicolaou, A. et al., 2005.
- 2005c. See Whinnett, A. et al., 2005c.
2008. See Baxter, S. W. et al., 2008.
2009. See Elias, M. et al., 2009.
- 2010a. See Baxter, S. W. et al., 2010.
- 2010b. See Counterman, B. A. et al., 2010.
- 2010c. See Ferguson, L. et al., 2010.
- 2010d. See Wu, G. C. et al., 2010.
- 2012a. See Jones, R. T. et al., 2012.
- 2012b. See Nadeau, N. J. et al., 2012.
- 2012c. See Pardo-Díaz, C. et al., 2012.
- 2012d. See Dasmahapatra, K. K. et al., 2012.
- 2013a. See Mérot, C. et al., 2013.
- 2013b. See Jones, R. T. et al., 2013.
- 2013c. See Llaurens, V. et al., 2013.
- 2014a. See Llaurens, V. et al., 2014.
- 2014b. See Le Poul, Y. et al., 2014.
- 2015a. See Merrill, R. M. et al., 2015.
- 2015b. See Huber, B. et al., 2015.
- 2015c. See Chouteau, M. et al., 2015.
- 2015d. See Mérot, C. et al., 2015.
- 2015e. See Llaurens, V. et al., 2015.
- 2015f. See Elias, M. & M. Joron, 2015.
- 2016a. See Wallbank, R. W. R. et al., 2016.
- 2016b. See Chouteau, M. et al., 2016.
- 2016c. See Mérot, C. et al., 2016.
- 2016d. See Nadeau, N. J. et al., 2016.
- 2016e. See Davey, J. W. et al., 2016.
- 2016f. See Chazot, N. et al., 2016c.
- 2016g. See Prunier, F. P. et al., 2016.
- 2017a. See Silva, D. L. de et al., 2017.
- 2017b. See Chouteau, M. et al., 2017.
- 2017c. See Mérot, C. et al., 2017.
- 2017d. See Llaurens, V. et al., 2017.
2018. See Jay, P. et al., 2018.
- 2019a. See Rosser, N. et al., 2019a.
- 2019b. See Saenko, S. V. et al., 2019.
- 2019c. See Edelman, N. B. et al., 2019.
- 2019d. See Chouteau, M. et al., 2019.
- Joron, Mathieu, Lise Frézal, Robert T. Jones, Nicola L. Chamberlain, Siu Fai Lee, Christoph R. Haag, Annabel C. Whibley, Michel Becuwe, Simon Wade Baxter, Laura C. Ferguson, Paul A. Wilkinson, Camilo Andrés Salazar, Claire Davidson, Richard Clark, Michael Andrew Quail, Helen Beasley, Rebecca Glithero, Christine Lloyd, Sarah Sims, Matthew C. Jones, Jane Rogers, Christopher David Jiggins and Richard H. ffrench-Constant**
2011. Chromosomal rearrangements maintain a polymorphic supergene controlling butterfly mimicry. *Nature* (London) 477(7363): 203-208, 3 figs. (8 September; published online 14 August) [*Heliconius numata* (Cramer); evolution; South America]
- Joron, Mathieu, and Yoh Iwasa**
2005. The evolution of a Müllerian mimic in a spatially distributed community. *Journal of Theoretical Biology* 237(1): 87-103, 6 figs. (November) [*Heliconius*]
- Joron, Mathieu, Christopher David Jiggins, A. Papanicolaou and William Owen McMillan**
- 2006a. *Heliconius* wing patterns: an evo-devo model for understanding phenotypic diversity. *Heredity* 97(3): 157-167, 3 figs., 2 tabs. (September; published online 12 July) [general]
- Joron, Mathieu, and James Louis Borlase Mallet**
1998. Diversity in mimicry: paradox or paradigm? *Trends in Ecology and Evolution* 13(11): 461-466, 2 figs. (November) [general; Neotropics]
1999. Diversity in mimicry - reply. *Trends in Ecology and Evolution* 14(4): 151 (May) [general]
- Joron, Mathieu, Riccardo Papa, Margarita Beltrán, Nicola L. Chamberlain, Jesús Mavárez, Simon Wade Baxter, Moisés Abanto, Eldredge P. Bermingham, Sean J. Humphray, Jane Rogers, Helen Beasley, Karen Barlow, Richard H. ffrench-Constant, James Louis Borlase Mallet, William Owen McMillan and Christopher David Jiggins**
- 2006b. A conserved supergene locus controls colour pattern diversity in *Heliconius* butterflies. *PLoS Biology* 4(10): 1831-1840, 4 figs., 1 tab. (October) [general]
- Joron, Mathieu, Ian R. Wynne, Gerardo Lamas and James Louis Borlase Mallet**
2001. Variable selection and the coexistence of multiple mimetic forms of the butterfly *Heliconius numata*. *Evolutionary Ecology* 13(7/8): 721-754, 6 figs., 5 tabs. "November 1999"; 2001 [Peru]
- Joseph, Claude (= Hippolyte Janvier) [1892-1986]**
1927. Captura de insectos por las uncinias. *Revista universitaria. Universidad católica de Chile* (Santiago de Chile) 12(10): 1438-1441, 2 figs. (December) [*Vanessa* sp.; Chile]
- Joseph, Edwin George [1887-1975]**
1910. The collections of William John Burchell, D. C. L., in the Hope Department, Oxford University Museum. IV. On the Lepidoptera Rhopalocera collected by W. J. Burchell in Brazil, 1825-1830. VII. Heliconiinae. *Annals and Magazine of Natural History* (8)5(28): 322-346 (1 April) [general; new subspecies: *Heliconius nanna burchelli*]
1911. The collections of William John Burchell, D. C. L., in the Hope Department, Oxford University Museum. IV. On the Lepidoptera Rhopalocera collected by W. J. Burchell in Brazil, 1825-1830. VIII. Acraeinae. *Annals and Magazine of Natural History* (8)7(37): 9-18 (1 January) [general]
- Joseph, J.**
2011. See Rettenmeyer, C. W. et al., 2011.
- Joshi, Neelendra K.**
2018. See Belsky, J. & N. K. Joshi, 2018.
- Jost, Bernhard**
2013. See Nakahara, S. et al., 2013.
- Jost, Lou**
2006. Entropy and diversity. *Oikos* 113(2): 363-375, 1 fig., 3 tabs. (18 May) [general; Ecuador]
- Jost, Lou, Philip James DeVries, Thomas Robert Walla, Harold Francis Greeney, Anne Chao and Carlo Ricotta**
2010. Partitioning diversity for conservation analyses. *Diversity and Distributions* 16(1): 65-76, 3 figs., 3 tabs. (January; published online 21 December 2009) [general; Ecuador]
- Jouy, Alain**
1987. Une autre façon de tuer les papillons. *Bulletin de la Société Sciences Nat* 56: 26 (31 December) [Papilionidae]
- Joyce, A. L.**
2019. See Sermeño, J. M. et al., 2019.
- Ju, Jie**
2014. See Liu, C. et al., 2014.
- Juárez, Ana María del Lourdes**
2003. See Bojórquez, L. A. et al., 2003.
- Juárez, Andrés José Antonio**
2012. See Viesca, F. C. et al., 2012.
- Juárez, Andrés José Antonio, Julieta Ramos and José Manuel**

- Pino**  
2012. Insectos comestibles en algunas localidades en la región centro del Estado de México: técnicas de recolección, venta y preparación. *Dugesiana* 19(2): 123-133, 1 fig. (21 December) [*Vanessa cardui* (Linnaeus), *Catantia teutila* (Doubleday), *Aegiale hesperiaris* (Walker)]
- Juárez, Orient Bolívar**  
2016. Diocleciano Chaves, el naturalista de Nicaragua. *Temas nicaragüenses* 102: 307-340, figs. (October) [general; history]
- Jubb, Kendahl Jan**  
2003. See Patent, D. H. & K. J. Jubb, 2003.
- Juen, Leandro**  
2017. See Cabette, H. S. R. et al., 2017.
- Juenger, Thomas E.**  
2011. See Kunte, K. et al., 2011.
- Julca, Alberto**  
1997. See Bello, S. et al., 1997.
- Julca, Alberto, and Segundo Bello**  
1994. La "broca de la piña" *Thecla basilides* Gey. en la selva central del Perú. *Revista peruana de Entomología* 36: 61-62 ("11 August", 20 October)
- Julien, Mic H.**  
1982. *Biological control of weeds: A world catalogue of agents and their target weeds*. Farnham Royal, Commonwealth Agricultural Bureaux. vi + 108 pp. [*Strymon bazochii* (Godart), *Tmolus echiom* (Linnaeus); host plants; Mexico]
- Júlio, Carlos Eduardo de Alvarenga**  
1999. See Soares, A. et al., 1999.
- Jullien, John** [1873-1928]  
1923. *Détails sur la collection de préparations d'organes génitaux des lépidoptères*, pp. 133-[135]. In: Talbot, G., *The Fruhstorfer collection of butterflies. Catalogue of types with general account and list of the more interesting forms*. Nice, J. Gastaud. 8 + 135 + ix pp., 9 pls. (after 23 May) [general]
- June-Wells, Mark**  
2014. See Adams, J. M. et al., 2014.
- Jung, Augusto Bonadiman**  
2008. See Giovenardi, R. et al., 2008.
- Jung, Conrad Christoph** [ -1816]  
1791-92. *Alphabetisches Verzeichnis der bisher bekannten Schmetterlinge aus allen Welttheilen mit ihren Synonymen*. Marktbreit, Knenlein; Anspach, Haeuisen. 1: [x] + 338 pp. (1791); 2: [vi] + 406 pp. (1792) [general]
- Junge, Günter** [1913-2003]  
1987. Eine neue Unterart von *Cosmosatyrus chiliensis* Guérin, 1832 aus Chile. *Nachrichtenblatt der bayerischen Entomologen* 36(2): 43-47, 3 figs. (20 July) [*C. c. wygnankii*]
- Junk, Wilhelm** [1866-1942]  
1913. *Bibliographia lepidopterologica*. Berlin, Wilhelm Junk. [4] + xxvi + 142 pp., 1 pl. [general]
- Jurado, César M. A.**  
1996. See Ponce, B. et al., 1996.
- Jurado, César M. A., and Javier Ponce**  
1991. Mariposas diurnas del Estado de Michoacán. *Revista de la Universidad michoacana* 2: 37-53, 9 figs., 1 map. [general; distribution; Mexico]  
1994. Inventario de lepidópteros diurnos del vivero forestal "Lázaro Cárdenas", Mpio. de Morelia, Michoacán, México. *Ciencias Biológicas. Universidad michoacana de San Nicolás de Hidalgo* 2: 92-101, 3 figs., 2 tabs. (November) [general]
- Jurado, Enrique**  
2008. See García, P. C. et al., 2008.
- Jurriaanse, Jan Hendrik** [1867-1940]  
1923. Some remarks about the supposed scent-organs of the genus *Opsiphanes*. *Tijdschrift voor Entomologie* 66: 147-151, pl. 2 (after 29 August) [general; morphology; Colombia]  
1926. An apparently new satyrid from Colombia. *Tijdschrift voor Zoologie* 69(1): 51-52 (15 April) [*Pronophila bogotensis*]
- Jury, J. C.**  
1946. *Animal camouflage*, pp. 37-41. In: *Glimpses of Jamaican Natural History*. Kingston, The Institute of Jamaica. 2. [general; mimicry]
- Justino, Gabriel**  
1949a. Lepidópteros do Brasil meridional. I. *Boletim informativo. Instituto geobiológico "La Salle"* (Canoas, Rio Grande do Sul) 2: 19-20 (July) [general]  
1949b. Lepidópteros do Brasil meridional. II. *Boletim informativo. Instituto geobiológico "La Salle"* (Canoas, Rio Grande do Sul) 3: 7-8. [general]  
1951. Lepidópteros do Brasil meridional. III. *Boletim informativo. Instituto geobiológico "La Salle"* (Canoas, Rio Grande do Sul) 5: 16-17 (April) [general]
- Justus, Cláudia Maria, Amarildo Pasini and Emerson Durski Machado de Oliveira**  
2003. Biologia e preferência da lagarta do girassol, *Chlosyne lacinia saundersii* [sic] (Lepidoptera: Nymphalidae) na planta daninha *Losna Branca, Parthenium hysterophorus* (Asteraceae). *Neotropical Entomology* 32(1): 163-166, 1 fig., 2 tabs. (January-March) [host plants; Brazil]

# K

## Kadlec, Tomas

2019. See Fric, Z. F. et al., 2019.

## Källersjö, Mari

2001. See Nylin, S. et al., 2001.

## Kaerma, Sirje

2003. See Rydell, J. et al., 2003.

## Kässmayer, Zilda Maria Pereira

1986. See Souza, V. B. V. de et al., 1986.

## Kahle, Ilse [1906- ]

1935-37. See Horn, W. H. R. & I. Kahle, 1935-1937.

## Kahn, Francis

1992. See Couturier, G. & F. Kahn, 1992.

## Kaila, Lauri

2010. See Mutanen, M. et al., 2010.

2011. See Nieukerken, E. J. van et al., 2011.

2012a. See Heikkilä, M. et al., 2012.

2012b. See Simonsen, J. T. et al., 2012.

2015. See Heikkilä, M. et al., 2015.

## Kaiser, Otto

1917. Zur Stammesgeschichte der Papilioniden. *Mitteilungen des Münchener entomologischen Vereins* 8(1/4): 3-19 (1 September) [general; Neotropics]

## Kaiser, Vera B.

2009. See Elias, M. et al., 2009

## Kaito, Takehiro

2009. See Aoyama, Y. & T. Kaito, 2009.

## Kajin, Maja, Carla Maria Penz and Philip James DeVries

2017. Large-scale climate effects meet an Amazonian butterfly: Which population parameters respond to El Niño? *Environmental Entomology* 46(6): 1202-1211, 7 figs., 1 tab. (December; published online 24 October) [*Nessaea hewitsonii* (C. Felder & R. Felder); Ecuador]

## Kalda, Otto [1912-1997]

1966. See Baudisch, E. & O. Kalda, 1966.

[n.d.] See Baudisch, E. & O. Kalda, [n.d.]

## Kaliszewska, Zofia A.

2018. See Schär, S. et al., 2018.

## Kalko, Elisabeth Klara Victoria [1962-2011]

2007. See Yack, J. E. et al., 2007b.

## Kallies, Axel

2011. See Nieukerken, E. J. van et al., 2011.

## Kaltenegger, Elisabeth

2018. See Livshultz, T. et al., 2018.

## Kambach, Stephan, Juan Fernando Guerra, Stephan G. Beck, Isabell Hensen and Matthias Schleuning

2013. Human-induced disturbance alters pollinator communities in tropical mountain forests. *Diversity* (Basel) 5(1): 1-14, 3 figs., 2 tabs. (March; published online 27 December 2012) [general; Bolivia]

## Kame, Makoto

2013. See Okada, N. et al., 2013.

## Kambe, Makoto, Dong Zhu and Shuichi Kinoshita

2011. Origin of retroreflection from a wing of the *Morpho* butterfly. *Journal of the Physical Society of Japan* 80(5)(054801): 1-10, 11 figs. (15 May; published online 10 May) [*M. rhetenor* (Cramer)]

## Kamensky, Andrea Paula dos Santos Oliveira

2015. See Souza, F. P. A. de & A. P. dos S. O. Kamensky, 2015.

## Kamilari, Maria

2018. See Garzón, I. J. et al., 2018.

## Kaminski, Lucas Augusto

2002. See Tavares, M. et al., 2002.

2004. See Paim, A. C. et al., 2004.

2005. See Dell'Erba, R. et al., 2005.

2006. See Silva, D. S. da et al., 2006.

2008a. Polyphagy and obligate myrmecophily in the butterfly *Hallynympa paucipuncta* (Lepidoptera: Riodinidae) in the Neotropical Cerrado savanna. *Biotropica* 40(3): 390-394, 1 fig. (May; published online 14 January) [host plants; Brazil]

2008b. See Silva, D. S. da et al., 2008.

2008c. Immature stages of *Caria plutargus* (Lepidoptera: Riodinidae), with discussion on the behavioral and morphological defensive traits in nonmyrmecophilous neotropical butterflies. *Annals of the Entomological Society of America* 101(5): 906-914, 6 figs., 1 tab. (September) [egg, larva, pupa, imago; host plant; behavior; Brazil]

2009. See Freitas, A. V. L. et al., 2009.

2010a. See Rodrigues, D. et al., 2010a.

2010b. See Barbosa, E. de P. et al., 2010.

2011a. See Silva, P. L. da et al., 2011.

2011b. See Freitas, A. V. L. et al., 2011b.

2012a. See Bächtold, A. et al., 2012.

2012b. See Freitas, A. V. L. et al., 2012a.

2013a. See Penz, C. M. et al., 2013.

2013b. See Greve, R. R. et al., 2013.

2014a. See Freitas, A. V. L. et al., 2014.

2014b. See Freitas, A. V. L. & L. A. Kaminski, 2014.

2014c. See Mota, L. L. e et al., 2014.

2014d. See Gomes, V. et al., 2014.

2014e. See Thiele, S. C. et al., 2014.

2014f. See Bächtold, A. et al., 2014b.

2015. See Volkmann, L. R. & L. A. Kaminski, 2015.

2016a. See Talavera, G. et al., 2016.

2016b. See Mota, L. L. e et al., 2016.

2017a. See Bächtold, A. et al., 2017.

2017b. See Bentancur, M. G. et al., 2017.

2017c. *Formigas, besouros e lepidópteros*, pp. 51-65, 1 fig. In: Diehl, E. (Ed.), *Interações das formigas com outros organismos: diversidade ecológica e evolutiva*. São Leopoldo, Oikos. [Lycaenidae, Riodinidae; myrmecophily]

2018a. See Seraphim, N. et al., 2018.

2018b. See Rossato, D. O. et al., 2018b.

2018c. See Nielsen, G. J. & L. A. Kaminski, 2018.

## Kaminski, Lucas Augusto, Eduardo de Proença Barbosa and André Victor Lucci Freitas

2012b. Immature stages of the Neotropical mistletoe butterfly *Cunizza hirlanda planasia* Fruhstorfer (Pieridae: Anthocharidini). *Journal of the Lepidopterists' Society* 66(3): 143-146, 10 figs. (3 October) [egg, larva, pupa, imago; host plant; behavior; Brazil]

## Kaminski, Lucas Augusto, Curtis John Callaghan, Noemy Seraphim, Luiza de Moraes Magaldi, Luis Rafael Volkmann and André Victor Lucci Freitas

2017. *Sertania* gen. nov., a new genus of butterflies (Lepidoptera: Riodinidae) from the South American dry diagonal. *Zootaxa* 4312(1): 165-179, 44 figs., 2 tabs. (28 August) [Brazil, Paraguay, Argentina]

## Kaminski, Lucas Augusto, and Fernando Saldanha de

- Carvalho-Filho**  
2012. Life history of *Aricoris propitia* (Lepidoptera: Riodinidae) – a myrmecophilous butterfly obligately associated with fire ants. *Psyche* (Cambridge) 2012(126876): 1-10, 6 figs., 1 tab. [egg, larva, pupa; host plants; behavior; Brazil]
- Kaminski, Lucas Augusto, Rafael Dell'Erba, Eduardo de Proença Barbosa and André Victor Lucci Freitas**  
2015a. New distribution records and notes on the habitat of *Magneptychia flavofascia* Zacca & Siewert, 2014 (Lepidoptera: Nymphalidae). *Check List* 11(4)(1692): 1-3, 1 fig. (13 July) [Brazil]
- Kaminski, Lucas Augusto, Rafael Dell'Erba and Gilson Rudinei Pires Moreira**  
2008. Morfologia externa dos estágios imaturos de heliconíneos neotropicais: VI. *Dione moneta moneta* Hübner (Lepidoptera: Nymphalidae, Heliconiinae). *Revista brasileira de Entomologia* 52(1): 13-23, 52 figs., 1 tab. (31 March) [egg, larva, pupa; host plant; Brazil]
- Kaminski, Lucas Augusto, and André Victor Lucci Freitas**  
2008. Immature stages of the butterfly *Magneptychia libye* (L.) (Lepidoptera: Nymphalidae, Satyrinae). *Neotropical Entomology* 37(2): 169-172, 1 fig. (March-April) [egg, larva, pupa, imago; host plants; Brazil]  
2009. Fabaceae, a new host plant family for *Hypanartia* and for the Neotropical Nymphalinae (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 41: 76-77, 1 fig. (31 January) [*H. bella* (Fabricius); Brazil]  
2010. Natural history and morphology of immature stages of the butterfly *Allosmaitia strophius* (Godart) (Lepidoptera: Lycaenidae) on flower buds of Malpighiaceae. *Studies on neotropical Fauna and Environment* 45(1): 11-19, 4 figs., 1 tab. (April; published online 18 March) [egg, larva, pupa, imago; host plants; Cuba, Puerto Rico, Panama, Brazil]
- Kaminski, Lucas Augusto, André Victor Lucci Freitas and Paulo Sérgio Oliveira**  
2010b. Interaction between mutualisms. Ant-tended butterflies exploit enemy-free space provided by ant-treehopper associations. *American Naturalist* 176(3): 322-334, 6 figs., 1 tab. (September; published online 20 July) [*Parrhasius polibetes* (Stoll); host plant; Brazil]
- Kaminski, Lucas Augusto, Cristiano Agra Iserhard and André Victor Lucci Freitas**  
2016. *Thisbe silvestre* sp. nov. (Lepidoptera: Riodinidae): a new myrmecophilous butterfly from the Brazilian Atlantic Forest. *Austral Entomology* 55(2): 138-146, 23 figs. (10 May; published online 1 July 2015) [egg, larva, pupa, imago; host plant; ecology; conservation]
- Kaminski, Lucas Augusto, and Luan Dias Lima**  
2019. Larval omnivory in the myrmecophilous butterfly *Setabis lagus lagus* (Riodinidae: Nymphidiini). *Journal of the Lepidopterists' Society* 73(4): 276-278, 6 figs. (20 November) [host plants; Brazil]
- Kaminski, Lucas Augusto, Luísa Lima e Mota and André Victor Lucci Freitas**  
2012c. Life history of *Porthecla ravus* (Druce) (Lepidoptera: Lycaenidae), with discussion on the use of Annonaceae by Eumaeni butterflies. *Annales de la Société entomologique de France* (N.S.) 48(3/4): 309-312, 9 figs. (31 December) [larva, pupa; host plant; Brazil]  
2014. Larval cryptic coloration and mistletoe use in the metalmark butterfly *Dachetola azora* (Lepidoptera: Riodinidae). *Entomologica americana* 120(1/2): 18-23, 2 figs., 1 tab. (July) [larva, pupa; host plant; behavior; Brazil]
- Kaminski, Lucas Augusto, Luísa Lima e Mota, André Victor Lucci Freitas and Gilson Rudinei Pires Moreira**  
2013. Two ways to be a myrmecophilous butterfly: natural history and comparative immature-stage morphology of two species of *Theope* (Lepidoptera: Riodinidae). *Biological Journal of the Linnean Society* 108(4): 844-870, 15 figs., 2 tabs. (April; published online 25 January) [*T. pieridoides* C. Felder & R. Felder, *T. thestias* Hewitson; eggs, larvae, pupae; host plants; behavior; Brazil]
- Kaminski, Lucas Augusto, and Daniela Rodrigues**  
2011. Species-specific levels of ant attendance mediate performance costs in a facultative myrmecophilous butterfly. *Physiological Entomology* 36(3): 208-214, 2 figs., 3 tabs. (September; published online 14 March) [*Parrhasius polibetes* (Stoll); host plants; Brazil]
- Kaminski, Lucas Augusto, Daniela Rodrigues and André Victor Lucci Freitas**  
2012a. Immature stages of *Parrhasius polibetes* (Lepidoptera: Lycaenidae): host plants, tending ants, natural enemies and morphology. *Journal of natural History* 46(11/12): 645-667, 7 figs., 2 tabs. (March; published online 9 February) [Brazil]
- Kaminski, Lucas Augusto, Sebastián Felipe Sendoya, André Victor Lucci Freitas and Paulo Sérgio Oliveira**  
2009. Ecologia comportamental na interface formiga-planta-herbívoro: Interações entre formigas e lepidópteros. *Oecologia brasiliensis* 13(1): 27-44, 4 figs. (March) [general]
- Kaminski, Lucas Augusto, Glória Ramos Soares, Noemy Seraphim, Niklas Wahlberg, Onildo João Marini-Filho and André Victor Lucci Freitas**  
2015b. Natural history and systematic position of *Rhetus belphegor* (n. comb.) (Lepidoptera: Riodinidae), an endangered butterfly with narrow distribution in Southeast Brazil. *Journal of Insect Conservation* 19(6): 1141-1151, 4 figs., 2 tabs. (December; published online 25 November) [egg, larva, pupa, imago; host plant; behavior]
- Kaminski, Lucas Augusto, Maurício Tavares, Viviane Gianlupi Ferro and Gilson Rudinei Pires Moreira**  
2002. Morfologia externa dos estágios imaturos de heliconíneos neotropicais. III. *Heliconius erato phyllis* (Fabricius) (Lepidoptera), Nymphalidae, Heliconiinae. *Revista brasileira de Zoologia* 19(4): 977-993, 47 figs., 1 tab. (31 December) [egg, larva, pupa; host plant; Brazil]
- Kaminski, Lucas Augusto, Sabrina Campos Thiele, Cristiano Agra Iserhard, Helena Piccoli Romanowski and Alfred Moser**  
2010a. Natural history, new records, and notes on the conservation status of *Cyanophrys berthia* (Jones) (Lepidoptera: Lycaenidae). *Proceedings of the entomological Society of Washington* 112(1): 54-60, 7 figs. (19 February) [larva, pupa; host plant; distribution; Brazil]
- Kamke, Rafael**  
2010. See Schmid, S. et al., 2010.  
2011. See Schmid, S. et al., 2011.
- Kamke, Rafael, Simone Schmid, Anne Zillikens, Benedito Cortês Lopes and Josefina Steiner**  
2011. The importance of bees as pollinators in the short corolla bromeliad *Aechmea caudata* in southern Brazil. *Flora* (Jena) 206(8): 749-756, 7 figs., 3 tabs. (August) [general]
- Kamoshida, Masao**  
1992. See Marques, O. M. et al., 1992.
- Kampichler, Christian**  
2011. See González, N. A. et al., 2011.  
2016. See González, N. A. et al., 2016.
- Kanazawa, I.**  
2007. See Shinkawa, T. et al., 2007.
- Kanda, Kazuhiro**

2005. See Watanabe, K. et al., 2005.
- Kane, Griff**  
1993. See Willmott, K. R. et al., 1993.
- Kane, Stephanie**  
1982. Notes on the acoustic signals of a Neotropical satyrid butterfly. *Journal of the Lepidopterists' Society* 36(3): 200-206, 3 figs., 1 tab. (14 December) [*Pharneuptychia* sp. near *pharnabazos* (Bryk); Brazil]
- Kang, Changku**  
2014. See Adams, J. M. et al., 2014.
- Kano, Tadashi**  
1990. Entomofauna del Parque Nacional Natural "Los Katios" (Lepidoptera Parte II y otros órdenes). *Informe. Servicio nacional de Protección forestal* (Medellín) 4(1): 21-43, 7 pls., 2 tabs. (October) [general; Colombia]
- Kantola, Tuula**  
2019. See Tracy, J. L. et al., 2019.
- Kantola, Tuula, James L. Tracy, Kristen A. Baum, Michael A. Quinn and Robert N. Coulson**  
2019. Spatial risk assessment of eastern monarch butterfly road mortality during autumn migration within the southern corridor. *Biological Conservation* 231: 150-160, 5 figs., 2 tabs. (March) [*Danaus plexippus* (Linnaeus); Mexico]
- Kapan, Durrell D.**  
2001. Three-butterfly system provides a field test of Müllerian mimicry. *Nature* (London) 409: 338-340, 3 figs., 1 tab. (18 January) [*Heliconius*; Ecuador]  
2002. See McMillan, W. O. et al., 2002.  
2004. See Flanagan, N. S. et al., 2004.  
2005. See Tobler, A. et al., 2005.  
2006a. See Kronforst, M. R. et al., 2006b.  
2006b. See Kronforst, M. R. et al., 2006c.  
2008. See Papa, R. et al., 2008a.  
2009. See Chamberlain, N. L. et al., 2009.  
2010. See Martin, A. et al., 2010.  
2012. See Dasmahapatra, K. K. et al., 2012.  
2013a. See Papa, R. et al., 2013.  
2013b. See Kronforst, M. R. et al., 2013.
- Kapan, Durrell D., Nicola Sian Flanagan, Alex Tobler, Riccardo Papa, Robert D. Reed, Jenny Acevedo, Manuel Ramírez, Lournet Martínez, Karla Maldonado, Clare Ritschoff, David G. Heckel and William Owen McMillan**  
2006. Localization of Müllerian mimicry genes on a dense linkage map of *Heliconius erato*. *Genetics* 173(2): 735-757, 4 figs., 4 tabs. (June; published online 19 February)
- Kapos, Valerie**  
1992. See Bierregaard, R. O., Jr. et al., 1992.
- Kappel, Thomas**  
1995. See Anken, R. H. et al., 1995.  
1998. See Anken, R. H. et al., 1998.
- Kappler, August** [1815-1887]  
1881. *Holländisch-Guiana. Erlebnisse und Erfahrungen während eines 43jährigen Aufenthalts in der Kolonie Surinam*. Stuttgart, W. Kohlhammer. xi + 495 pp., frontisp., 1 map. [general]  
1887. *Surinam, sein Land, seine Natur, Bevölkerung und seine Kultur-Verhältnisse mit Bezug auf Kolonisation*. Stuttgart, J. G. Cotta. [4] + 384 pp., figs., 1 map. [general]
- Karel, Ashok K.**  
1990. See Cardona, C. & A. K. Karel, 1990.
- Karges, Joann**  
1985. *Nabokov's Lepidoptera: Genres and Genera*. Ann Arbor, Ardis. 88 pp. [general]
- Kariya, Keizo**  
1998. The species of the genus *Asterope* Hübner (Lepidoptera, Nymphalidae) and its allies. *Yadoriga* 177: 2-25, 9 pls. (30 June) [*Callicore* Hübner, *Paulogramma* Dillon, *Catacore* Dillon; Central and South America]
2006. A revision of *Callicore astarte* (Lepidoptera, Nymphalidae), with description of a new subspecies. *Transactions of the Lepidopterological Society of Japan* 57(2): 127-131, 13 figs. (30 March) [*C. a. panamensis*; Panama, South America]
- Karlsson, Bengt**  
1994. Feeding habits and change of body composition with age in three nymphalid butterfly species. *Oikos* 69(2): 224-230, 2 figs., 3 tabs. (March) [*Heliconius hecale* Hewitson]  
1995. Resource allocation and mating systems in butterflies. *Evolution* 49(5): 955-961, 4 figs., 3 tabs. (14 November) [*Heliconius*]
- Karonen, Maarit**  
2015. See Vihakas, M. et al., 2015.
- Karsholt, Ole**  
2007. See Kristensen, N. P. et al., 2007.  
2008. See Kristensen, N. P. et al., 2008.  
2011. See Nieukerken, E. J. van et al., 2011.
- Karsholt, Ole, and Per Stadel Nielsen**  
2013. *Revideret fortegnelse over Danmarks Sommerfugle. Revised checklist of the Lepidoptera of Denmark*. København, Lepidopterologisk Forening. 120 pp., 1 fig. [*Opsiphanes tamarindi* C. Felder & R. Felder, *Vanessa carye* (Hübner), *Anartia fatima* (Fabricius)]
- Karsten, Dietrich Ludwig Gustav** [1768-1810]  
1789. *Museum Leskeanum. Regnum Animale*. Lipsiae, G. Müller. 1: [xlii] + xliv + 320 pp., frontisp., 8 pls. [suppressed; ICZN, Opinion 1877, 1997] [general]
- Kass, Lee B.**  
1996. See Rathcke, B. J. et al., 1996.  
2001a. See Rathcke, B. J. et al., 2001a.  
2001b. See Rathcke, B. J. et al., 2001b.
- Kassarov, Luka**  
1999. Are birds able to taste and reject butterflies based on 'beak mark tasting'? A different point of view. *Behaviour* 136(8): 965-981, 1 fig., 1 tab. (September) [general]  
2004. Is aposematism a valid concept in predator-prey relationships between birds and butterflies? A different point of view. *Tropical Lepidoptera* 12(1/2): 1-15, 1 fig., 1 tab. (23 December) [general]  
2009. The concepts of aposematism and chemical defense in butterflies: Great misconceptions or scientific fantasies? *Atalanta* 40(1/2): 203-219 (July) [general; behavior, evolution]
- Kassulke, Richard**  
1995. See Harley, K. et al., 1995.
- Kasten, Kyle**  
2019. See Cariveau, A. B. et al., 2019.
- Kastner, Joseph** [1907-1997]  
1991. *The animal illustrated 1550-1900. From the collections of the New York Public Library*. New York, Harry N. Abrams, Inc. 128 pp., figs. [general; Brazil]
- Kasy, Friedrich** [1920-1990]  
[1975]. Das Naturhistorische Museum in Wien und seine Lepidopterenammlung. *Journal of Research on the Lepidoptera* 13(1): 63-65 ("March 1974", [before 3 March 1975]) [general]
- Kathariner, Ludwig** [1868-1920]  
1900. Ueber die Beziehungen zwischen der Zeichnung von Vorder- und Hinterflügel bei Lepidopteren. *Insekten-Börse* 17(21): 164-165, 1 fig. (24 May) [*Mesene sagaritis*; South America]
- Kato, Massuo Jorge**



2008. See Vanin, S. A. et al., 2008.  
 2012. See Ramos, C. S. et al., 2012.
- Katona, Gergely**  
 2017. See Bálint, Z. et al., 2017.  
 2019. See Bálint, Z. et al., 2019b.
- Kattain, Gala, and Leonila Vázquez**  
 1973. Algunas observaciones taxonómicas y biológicas de Rhopalocera (Lepidoptera) de una zona de senecionetum del Pedregal. *Folia entomologica mexicana* 25/26: 106-109 (May) [abstract; general; Mexico]
- Kattan, Gustavo H.**  
 2002. See García-Robledo, C. A. et al., 2002.  
 2009. See Muriel, S. B. & G. H. Kattan, 2009.  
 2011. See Laurance, W. F. et al., 2011.
- Kattan, Gustavo H., Padu Franco, Vladimir Rojas and Germán Morales**  
 2004. Biological diversification in a complex region: a spatial analysis of faunistic diversity and biogeography of the Andes of Colombia. *Journal of Biogeography* 31(11): 1829-1839, 5 figs., 2 tabs. (November) [general]
- Katz, Richard** [1888-1968]  
 1946. *Auf dem Amazonas*. Erlenbach, Eugen Rentsch Verlag. 290 pp., 10 figs. [general; Brazil]
- Kaufman, Kenn**  
 2003. See Brock, J. P. & K. Kaufman, 2003.
- Kaulfuss, Johannes Simon** [1859-1947]  
 1931. Die Kaulfuss'sche Sammlung auf der Plassenburg. *Nachrichten des Vereins Freunde der Plassenburg* 3(7/9): 22-23 (July-September) [general; Neotropics]  
 1938a. *Polygrapha cyanea* S. u. G. &? *Entomologische Rundschau* 55(28): 323-324, 1 fig. (22 April) [Ecuador, Peru]  
 1938b. Näheres über das Weib von *Polygrapha cyanea* S. u. G. *Entomologische Rundschau* 55(41): 484 (1 August) [Ecuador]
- Kautz, Stefanie**  
 2009. See Ballhorn, D. J. et al., 2009.
- Kavanagh, James, and Raymond Leung**  
 2007. *Costa Rica butterflies & moths. An introduction to familiar species*. Phoenix, Waterford Press. 12 pp., figs. [general]
- Kawagoe, Kenji**  
 2002. See Kinoshita, S. et al., 2002.
- Kawaguchi, Isao**  
 2002. See Sasaki, A. et al., 2002.
- Kawaguchi, Isao, and Akira Sasaki**  
 2006. The wave speed of intergradation zone in two-species lattice Müllerian mimicry complex. *Journal of theoretical Biology* 243(4): 594-603, 5 figs. (21 December; published online 15 July) [*Heliconius*]
- Kawaguchi, Yoichiro**  
 2004. See Iwasawa, S. et al., 2004.
- Kawahara, Akito Yuji** [1978- ]  
 2006. Biology of the snout butterflies (Nymphalidae, Libytheinae. Part 2: *Libytheana* Michener. *Transactions of the lepidopterological Society of Japan* 57(3): 265-277, 13 figs. (30 June) [general]  
 2009a. Phylogeny of snout butterflies (Lepidoptera: Nymphalidae: Libytheinae): combining evidence from the morphology of extant, fossil, and recently extinct taxa. *Cladistics* 25(3): 263-278, 8 figs., 3 tabs. (June; published online 27 April) [general]  
 2009b. See Roe, A. D. et al., 2009.  
 2009c. See Regier, J. C. et al., 2009.  
 2011. See Nieukerken, E. J. van et al., 2011.  
 2013a. See Regier, J. C. et al., 2013.  
 2013b. Systematic revision and review of the extant and fossil snout butterflies (Lepidoptera: Nymphalidae: Libytheinae). *Zootaxa* 3631(1): 1-74, 164 figs., 1 tab. (22 March) [general; Neotropics]
2015. See Lewis, D. S. et al., 2015.  
 2017a. See Earl, C. et al., 2017.  
 2017b. See Carvalho, A. P. dos S. de et al., 2017.  
 2017c. See Owens, H. L. et al., 2017.  
 2018a. See Breinholt, J. W. et al., 2018.  
 2018b. See Espeland, M. et al., 2018.  
 2018c. See Triant, D. A. et al., 2018.  
 2018d. See Toussaint, E. F. A. et al., 2018.  
 2019a. See Espeland, M. et al., 2019.  
 2019b. See Carvalho, A. P. dos S. de et al., 2019.  
 2019c. See Halbritter, D. A. et al., 2019.
- Kawahara, Akito Yuji, and Jesse W. Breinholt**  
 2014. Phylogenomics provides strong evidence for relationships of butterflies and moths. *Proceedings of the royal Society of London (B)* 281(1788)(20140970): 1-8, 2 figs., 1 tab. (7 August; published online 25 June) [general]
- Kawahara, Akito Yuji, Jesse W. Breinholt, Marianne Espeland, Caroline Storer, David Plotkin, Kelly M. Dexter, Emmanuel F. A. Toussaint, Ryan Alexander St. Laurent, Gunnar Brehm, Sergio Vargas, Dimitri Forero, Naomi E. Pierce and David J. Lohman**  
 2018b. Phylogenetics of moth-like butterflies (Papilionoidea: Hedyliidae) based on a new 13-locus target capture probe set. *Molecular Phylogenetics and Evolution* 127: 600-605, 2 figs., 1 tab. (October; published online 11 June) [general; Central and South America]
- Kawahara, Akito Yuji, David Plotkin, Marianne Espeland, Karen Meusemann, Emmanuel F. A. Toussaint, Alexander Donath, France Gimnich, Paul B. Frandsen, Andreas Zwick, Mario do Reis, Jesse R. Barber, Ralph S. Peters, Shanlin Liu, Xin Zhou, Christoph Mayer, Lars Podsiadlowski, Caroline G. Storer, Jayne E. Yack, Bernhard Misof and Jesse W. Breinholt**  
 2019. Phylogenomics reveals the evolutionary timing and pattern of butterflies and moths. *Proceedings of the national Academy of Sciences of the United States of America* 116(45): 22657-22663, 2 figs. (5 November; published online 21 October) [general]
- Kawahara, Akito Yuji, David Plotkin, Chris A. Hamilton, Harlan Gough, Ryan Alexander St. Laurent, Hannah Lois Owens, Nicholas T. Homziak and Jesse R. Barber**  
 2018a. Diel behavior in moths and butterflies: a synthesis of data illuminates the evolution of temporal activity. *Organisms, Diversity & Evolution* 18(1): 13-27, 1 fig. (March; published online 6 December 2017) [general]
- Kawamoto, Fumihiko, and Nobuo Kumada**  
 1984. *Biology and venoms of Lepidoptera*, pp. 291-330, 8 figs. In: Tu, A. T. (Ed.), *Handbook of Natural Toxins. 2. Insect poisons, allergens, and other invertebrate venoms*. New York, Marcel Dekker, Inc. [*Morpho* spp.; South America]
- Kawazoé, Akito**  
 1965-66. [Classification of the Riodinidae] [In Japanese]. *Yadoriga* 40: 4-8, 1 pl., 2 figs. (25 August 1965); 45/46: 10-15, pls. 2-3, 3 figs. (5 October 1966) [general; morphology]  
 1967-68. [Classification of the Hesperidae of the World] [In Japanese]. *The Nature and Insects* 2(12): 2-5, 3 pls., 4 figs. (1967); 3(2): 2-7, 4 pls., figs. 5-15 (1968), (5): 2-8, 3 pls., figs. 16-24 (1968), (8): 2-8, 3 pls., figs. 25-33 (1968) [general]  
 1983. See Elliot, J. N. & A. Kawazoé, 1983.
- Kay, Ronald G. Webster**  
 1941a. See Schweizer, F. & R. G. W. Kay, 1941a.  
 1941b. See Schweizer, F. & R. G. W. Kay, 1941b.

**Kaya, Harry K.**

1997. See Leong, K. L. H. et al., 1997.

**Kaye, William James [1875-1967]**

1898. On the evolution of the hind wing in Lepidoptera. *Transactions of the Leicester literary and philosophical Society* 5(2): 73-78 (October) [general; South America]
- 1899a. Collecting Lepidoptera in Trinidad. *Entomologist's Record and Journal of Variation* 11(3): 57-59 (15 March) [general]
- 1899b. Concerning Trinidad. *Transactions of the Leicester literary and philosophical Society* 5(4): 207-211 (April) [general; behavior; Jamaica]
- 1899c. Collecting Lepidoptera in Jamaica. *Entomologist's Record and Journal of Variation* 11(6): 144-148 (1 June) [general]
- 1900a. Collecting in the West Indies. *Transactions of the Leicester literary and philosophical Society* 5(7): 358-370 (January) [general; behavior; ecology]
- 1900b. Trinidad Lepidoptera. *Transactions of the City of London entomological and natural History Society* 9: 4-5. [general]
- 1900c. Exotic Erycinidae. *Transactions of the City of London entomological and natural History Society* 9: 18. [general]
- 1901a. [A note]. *Proceedings of the entomological Society of London* 1901(4): xviii-xix (30 December) [also in *Entomologist* 35(464): 28-29; January 1902] [general; Trinidad]
- 1901b. Trinidad Papilios. *Transactions of the City of London entomological and natural History Society* 10: 17. [*Papilio zeuxis* Lucas, *P. alyattes* Felder]
- 1902a. New Papilionid and new Sphingid from Guiana. *Transactions of the City of London entomological and natural History Society* 11: 16 (February) [near *Papilio crassus* Cramer]
- 1902b. Series of *Melinaea mneme*. *Transactions of the City of London entomological and natural History Society* 11: 17 (February) [Guyana]
- 1902c. [A note]. *Proceedings of the South London entomological & natural History Society* 1901-02: 53 [*Papilio*; Trinidad]
- 1903a. Mullerian association from Guiana. *Transactions of the City of London entomological and natural History Society* 12: 4 (February) [general; mimicry]
- 1903b. South American Satyridae. *Transactions of the City of London entomological and natural History Society* 12: 5-6 (February) [general; Guyana, Peru]
- 1903c. Mullerian association of Guiana insects. *Transactions of the City of London entomological and natural History Society* 12: 8 (February) [general; mimicry]
- 1903d. After Lepidoptera in British Guiana in 1901. *Transactions of the City of London entomological and natural History Society* 12: 48-60 (February) [general]
- 1903e. [A note]. *Proceedings of the entomological Society of London* 1903(1): iv (29 April) [Danainae, Ithomiinae, Heliconiinae, Riodininae; mimicry; Guyana]
- 1903f. [A note]. *Proceedings of the entomological Society of London* 1903(1): v-vi (29 April) [*Esthemopsis sericina* (Bates); mimicry; Guyana]
- 1903g. Some considerations concerning mimicry. *Entomologist's Record and Journal of Variation* 15(7): 177- 179 (1 July) [general; Guyana]
- 1903h. [A note]. *Proceedings of the South London entomological & natural History Society* 1902-03: 91 [*Heliconius lindigii* C. Felder & R. Felder; Guyana]
- 1904a. Close mimetic butterflies. *Transactions of the City of London entomological and natural History Society* 13: 4 (February) [*Melinaea madeira*, *nomen nudum*, *Heliconius pardalinus* (Bates); Brazil]
- 1904b. Mullerian association. *Transactions of the City of London entomological and natural History Society* 13: 9 (February) [*Esthemopsis sericina* (Bates); Guyana]
- 1904c. *Heliconius numata* from British Guiana. *Transactions of*

*the City of London entomological and natural History Society* 13: 20 (February)

- 1904d. *Eunica eurota*. *Transactions of the City of London entomological and natural History Society* 13: 22 (February) [Colombia]
- 1904e. A catalogue of the Lepidoptera Rhopalocera of Trinidad. *Transactions of the entomological Society of London* 1904(2): 159-224, pl. 17 (15 June) [reprinted in *Proceedings of the agricultural Society of Trinidad and Tobago* 13(5): 228-245 (May 1913), (6): 292-305 (June 1913), (7): 346-355 (July 1913), (8): 402-415 (August 1913), (10): 509-524 (October 1913), (11): 575-577 (November 1913); with annotations by P. J. L. Guppy] [general; new taxa: *Caligo saltus*, *C. eurylochus* [sic] variety *minor*, *Haematera pyramus* variety *rubra*, *Helicopsis elegans*, *Cricosoma coccineata*, *Emesis guppyi*, *Syntarucoides*, *Polyniphes*, *Tmolus unilinea*, *T. perdistincta*, *Siderus* (new genus) *parvinotus*, *laspis*, *Arawacus*, *Rekoa*, *Macusia*, *Paiwarria*, *Itaballia*, *Staphylus sinepunctis*, *Vehilius subplanus*, *Perichares heroni*]
- 1904f. [Notes]. *Proceedings of the South London entomological & natural History Society* 1903-04: 44, 67 [*Methona confusa* Butler, *Thyridia psidii* (Linnaeus), *Theope eudocia* Westwood, *T. foliorum* Bates, *Nymphidium lisimon* (Stoll); mimicry; Guyana, Paraguay, Trinidad]
- 1905a. Transparency in wings of Lepidoptera. *Entomologist's Record and Journal of Variation* 17(4): 83-86 (15 April), (5): 115-121, pl. 3 (15 May) [general; new species: *Napeogenes potaronus*; Guyana]
- 1905b. [A note]. *Proceedings of the entomological Society of London* 1905(1): ii (20 May) [*Mesosemia eumene* (Cramer)]
- 1905c. Transparency in lepidopterous wings. *Transactions of the City of London Entomological and Natural History Society* 14: 8-9 (May) [Ithomiinae, Erycinidae; Guyana]
- 1906a. Genus *Melinaea* [sic] and mimics. *Transactions of the City of London entomological and natural History Society* 15: 5 (February) [general]
- 1906b. *Misosemia* [sic] *eumeni*. *Transactions of the City of London entomological and natural History Society* 15: 6 (February) [mimicry; Guyana]
- 1906c. New species of Guiana and Jamaican butterflies. *Entomologist* 39(514): 49-53, pl. 2 (March) [*Protogonius hippona*, *Papilio caburi*, *Eueides nigrofulva*, *Chlosyne pantoni*, *Heliconius tumatumari*, *H. silvana* variety *divisus*]
- 1906d. [Notes]. *Proceedings of the South London entomological & natural History Society* 1905-06: 70, 78 [*Heliconius*; Guyana]
- 1907a. Notes on the dominant Mullerian group of butterflies from the Potaro district of British Guiana. *Transactions of the entomological Society of London* 1906(3): 411-439, pls. 23-27, tabs. (23 January) [general]
- 1907b. Separation of *Heliconius* species. *Proceedings of the entomological Society of London* 1907(1): xiv-xvi (20 June) [general; new taxa: *H. microclea*, *H. vulcanus pyrforus*]
- 1907c. [A note]. *Proceedings of the South London entomological & natural History Society* 1906-07: 46-47 [general; mimicry; Guyana]
- 1908a. On the identity of two South American lycaenids. *Entomologist* 41(536): 10-12 (January) [general]
- 1908b. Convergent group of heliconine butterflies. *Proceedings of the entomological Society of London* 1907(4): lxxvi (14 February) [Guyana]
- 1908c. Enemies of South American butterflies. *Proceedings of the entomological Society of London* 1907(4): lxxviii-lxxix (14 February) [general; bird attacks; Guyana]

- 1908d. Association of pierine and nymphaline butterflies. *Proceedings of the entomological Society of London* 1908(2): xxii-xxiii (29 September) [general; Peru]
- 1908e. [A note]. *Proceedings of the South London entomological & natural History Society* 1907-08: 48. [*Heliconius hydara colombina* Staudinger, *H. amaryllis rosina* Boisduval; Colombia]
- 1909a. Colour derivation of *Leucothyris zelica*. *Proceedings of the entomological Society of London* 1908(3/4): lxi (20 January) [Ithomiinae, Pieridae; mimicry; Ecuador]
- 1909b. Parallel variation of *Heliconius* forms. *Proceedings of the entomological Society of London* 1908(3/4): xciv-xcv (20 January) [general; Bolivia]
- 1909c. Colour variation in heliconiine butterflies. *Proceedings of the entomological Society of London* 1909(4): lvii (31 December) [general; Colombia]
- 1909d. [A note]. *Proceedings of the South London entomological & natural History Society* 1908-09: 94. [*Heliconius* spp.; Ecuador]
1910. [A note]. *Proceedings of the South London entomological & natural History Society* 1909-10: 108. [*Heliconius doris* (Linnaeus); Central and South America]
- 1911a. Close resemblance of butterflies from South America. *Proceedings of the entomological Society of London* 1910(5): lxxviii (28 March) [general; Brazil]
- 1911b. Species of the genus *Heliconius*. *Proceedings of the entomological Society of London* 1911(1): i-ii (21 June) [general; Ecuador]
- 1911c. An entomological trip to South Brazil. *Proceedings of the South London entomological & natural History Society* 1910-11: 54-65, pls. 3-4 ([before 1 July]) [general]
- 1911d. Annual address to the members. [Neuration of Lepidoptera]. *Proceedings of the South London entomological & natural History Society* 1910-11: 77-93, 1 fig. ([before 1 July]) [general; Neotropics]
- 1911e. [A note]. *Proceedings of the South London entomological & natural History Society* 1910-11: 124 ([before 1 July]) [*Morpho cytheris* Godart; behavior; host plant; Brazil]
- 1911f. [A note]. *Proceedings of the South London entomological and natural History Society* 1910-11: 131-132 ([before 1 July]) [general; mimicry; Brazil]
- 1911g. [A note]. *Proceedings of the South London entomological & natural History Society* 1910-11: 147-148 ([before 1 July]) [*Heliconius phyllis* form *anacreon* Grose-Smith & Kirby, *H. p.* form *venusta* Salvin; Bolivia, Brazil]
- 1912a. A rare Jamaica butterfly. *Entomologist* 45(588): 150-151 (May) [*Chlosyne pantoni* Kaye, *Papilio homerus* Fabricius, *P. pelaus* Fabricius]
- 1912b. Brazilian ithomiines. *Proceedings of the entomological Society of London* 1912(2): xliii-xliv (4 October) [general; ecology]
1913. Mullerian associations from Costa Rica, Venezuela and Brazil. *Proceedings of the entomological Society of London* 1912(4): cxxvii-cxxix (11 February) [general; new subspecies: *Charonias eurytele caraca*]
- 1914a. Variation in *Heliconius doris*, L. *Proceedings of the entomological Society of London* 1913(3): cvi-cvii (21 January) [general; new forms: *H. d. f. suavior*, *H. d. f. fascinator*]
- 1914b. Additions and corrections to my catalogue of the Lepidoptera Rhopalocera of Trinidad (1904). *Transactions of the entomological Society of London* 1913(3): 545-585, pl. 30 (21 January) [general; new taxa: *Catagramma astarte antillena*, *Adelpha velia trinina*, *A. phylaca trinina*, *Anaea eribotes halli*, *Symmachia sagitta*, *Mesene simpla*, *Tmolus iodinus*, *Euroto hyperythrus*, *E. simplissima*, *E. cocoa*, *Phanis sylvia*, *Cobalopsis musa*, *Nyctus triangularis*, *Atrytone noctis*, *Cobalopsis rogersi*, *Padraona tryhana*, *Myscelus rogersi*]
- 1914c. *Heliconius anderida*. *Proceedings of the entomological Society of London* 1913(4): cxxxii-cxxxiii (31 March) [general; new subspecies: *H. a. estebana*; Costa Rica, Panama, Venezuela, Colombia]
- 1914d. Fauna of Trinidad. Part I. A catalogue of the Lepidoptera Rhopalocera of Trinidad. (Butterflies of Trinidad). *Agricultural Society Paper* (Port-of-Spain) 558: [iv] + 75 pp. [a reprint of Kaye, W. J., 1904, with annotations by P. J. L. Guppy]
- 1914e. The Ithomiinae. *Proceedings of the South London entomological & natural History Society* 1913-14: 38-48, pl. 5. [general; Neotropics]
- 1914f. [A note]. *Proceedings of the South London entomological & natural History Society* 1913-14: 134-135. [*Melinaea*, *Heliconius*; South America]
1915. [A note]. *Proceedings of the South London entomological & natural History Society* 1914-15: 79 [*Heliconius amaryllis* form *euryades* Riffarth, *H. euryades* Hewitson]
- 1916a. Pyrrhopygid ova and imagines. *Proceedings of the entomological Society of London* 1915(5): cxix-cxx (2 June) [general]
- 1916b. A reply to Dr. Eltringham's paper on the genus *Heliconius*. *Transactions of the entomological Society of London* 1916(1): 149-155 (16 August) [general]
- 1916c. New forms of *Heliconius*. *Entomologist's Record and Journal of Variation* 28(9): 194-195 (15 September) [*H. hermogenes* aberration *lutescens*, *H. hygiana* aberration *albescens*, *H. erato etylus* aberration *insignis*, *H. quitalinus* [sic] *nebulosa*, *H. telesiphe* aberration *nivea*; Colombia, Ecuador, Peru]
- 1916d. [A note]. *Proceedings of the South London entomological & natural History Society* 1915-16: 130-131. [*Morpho* spp.; Brazil, Guyana, Colombia, Peru]
- 1916e. [A note]. *Proceedings of the South London entomological & natural History Society* 1915-16: 143-144. [*Caligo* spp.; Trinidad]
- 1917a. See Joicey, J. J. & W. J. Kaye, 1917a.
- 1917b. See Joicey, J. J. & W. J. Kaye, 1917b.
- 1917c. See Joicey, J. J. & W. J. Kaye, 1917c.
- 1917d. Genitalia of certain species of *Caligo*. *Proceedings of the entomological Society of London* 1917(1): xix-xxi (24 November) [general]
- 1917e. *Morpho adonis* and *M. eugenia* distinct species. *Proceedings of the entomological Society of London* 1917(1): xxv-xxviii, 2 figs. (24 November) [new race: *M. a. intermedia*; Peru, Guyana, French Guiana]
- 1917f. [A note]. *Proceedings of the South London entomological & natural History Society* 1916-17: 109-111. [general; Peru, French Guiana]
- 1918a. New species and races of Ithomiinae in the Joicey collection. *Annals and Magazine of natural History* (9)1(1): 77-86 (1 January) [*Athesis clearista colombiensis*, *A. vitrala*, *Tithorea bonplandii joiceyi*, *Napeogenes curvilutea*, *N. diaphanosa*, *N. opacella*, *N. mesosticta*, *N. polymela*, *N. zurippa apobsoleta*, *Callithomia alexirrhoe concolor*, *C. viridipuncta*, *C. v. aberration confluens*, *Hyposcada attilodes*, *Scada perpuncta*, *Pteronymia catenata*, *P. amplificata*, *P. grandipennis*, *Hypoleria ina negrina*, *Hymenitis joiceyi*, *H. oneidodes*; Colombia, Peru, Ecuador, Bolivia]
- 1918b. Descriptions from the Joicey collection of new species of Syntomidae, Nymphalidae, and Hesperidae, and two genera of Syntomidae. *Annals and Magazine of natural History* (9)2(9): 225-232 ([31 August]) [*Pseudosarbia campicola*, *Chlorippe speciosissima*, *Anaea xenocrates*

- punctimarginale*; Brazil, Uruguay, Haiti, French Guiana]
- 1918c. Two species of *Catagramma* and a new *Dynamine*. *Proceedings of the entomological Society of London* 1918(1/2): ii-v (31 December) [general; *D. agatha* Oberthür]
- 1918d. [A note]. *Proceedings of the South London entomological & natural History Society* 1917-18: 68. [*Morpho perseus* (Cramer); French Guiana, Costa Rica, Colombia, Peru, Brazil]
- 1919a. *Catagramma pitheas* and *Catagramma cyclops* distinct species. *Entomologist's monthly Magazine* 55(656): 5-6, 2 figs. (January) [general]
- 1919b. A striking new species of *Catagramma* from French Guiana. *Entomologist's Record and Journal of Variation* 31(2): 26 (15 February) [*C. polypygas*]
- 1919c. New South American butterflies. *Annals and Magazine of natural History* (9)3(2): 215-218 (1 February) [general; *Morpho perseus demararae*, *Xynias potaronus*, *Nymphidium multochrea*, *Pieris phaloe lamonti*, *Heliconius doris doris* aberration *gibbsi*, *H. wallacei brevimaclulata* aberration *halli*, *H. burneyi serpensis*; Trinidad, Guyana, Brazil, Venezuela]
- 1919d. [A note]. *Entomologist's monthly Magazine* 55(657): 39 (February) [*Heliconius erato* new form *extrema*, nomen nudum; Colombia]
- 1919e. See Joicey, J. J. & W. J. Kaye, 1919a.
- 1919f. A mimetic association of ithomiine butterflies and a rare dioptid moth. *Proceedings of the entomological Society of London* 1918(3/4): i-ii (29 March) [general; new subspecies: *Hypoleria vanillia vanilliana*]
- 1919g. A series of *Agrias narcissus*, Staud. *Proceedings of the entomological Society of London* 1918(3/4): lvii-lviii (29 March) [French Guiana]
- 1919h. See Joicey, J. J. & W. J. Kaye, 1919b.
- 1919i. New sub-species of *Heliconius erato*. *Proceedings of the entomological Society of London* 1918(3/4): clx-c1xi (29 March) [*H. e. extrema*; Colombia]
- 1919j. New species and genera of Nymphalidae, Syntomidae, and Sphingidae in the Joicey collection. *Annals and Magazine of natural History* (9)4(20): 84-94 (1 August) [general; *Callithea davisii croceus*, *C. d. tirapatensis*, *C. refulgens*, *Velamysta pardalis totumbra*; Colombia, Peru, Ecuador, Brazil]
- 1919k. [A note]. *Proceedings of the South London entomological & natural History Society* 1918-19: 107-108. [*Heliconius melpomene* (Linnaeus); French Guiana]
- 1920a. A geographical table to show the distribution of the American Papilios. *Novitates zoologicae* 26(2): 320-355 (20 January) [general; Neotropics]
- 1920b. Forms of *Heliconius doris*. *Proceedings of the entomological Society of London* 1920(1/2): xvi (26 July) [eggs, larva; host plants; behavior; Colombia, Trinidad]
- 1920c. New species and sub-species of South American Lepidoptera. *Entomologist's Record and Journal of Variation* 32(10): 187-189 (15 October) [*Heliconius xanthocles flavosia*, *H. vulcanus tenuistriga*, *Hesperocharis nera potara*, *H. lamonti*, *Glutophrissa drusilla jacksoni*; Colombia, Ecuador, Guyana, Trinidad, Jamaica]
1921. A catalogue of the Trinidad Lepidoptera Rhopalocera (butterflies). *Memoirs of the Department of Agriculture of Trinidad and Tobago* 2: i-xii, 13-163, 1 pl. (December) [general; new subspecies: *Euptychia myncea isolata*, *Emesis lucinda parvissima*, *Eantis busiris* [sic] *negro*; host plants; life histories; behavior; distributions]
- 1922a. A new ithomiine from Trinidad. *Proceedings of the entomological Society of London* 1921(5): xcvi-xcviii (13 April) [*Dircenna lenea siparia*; ecology]
- 1922b. *Heliconius* from Trinidad. *Proceedings of the entomological Society of London* 1921(5): cv-cvi (13 April) [general]
- 1922c. [A note]. *Proceedings of the South London entomological & natural History Society* 1921-22: 66-67. [general; Venezuela]
- 1923a. Butterflies from Venezuela. *Proceedings of the entomological Society of London* 1922(5): xcvi-ci (5 May) [general; ecology; behavior]
- 1923b. The upper-surface patterns of butterflies seen from beneath in a floating flight. *Proceedings of the entomological Society of London* 1923(1/2): xxxvii-xl (10 August) [general]
- 1923c. A striking new lycaenid from St. Vincent, B.W.I. *Entomologist* 56(727): 277 (December) [*Thecla burdī*]
- 1925a. The forms of *Heliconius numata*, *H. hecale* and *H. silvana*. *Proceedings of the entomological Society of London* 1924(3/4): cxxxii-cxxxvi (20 February) [general; Neotropics]
- 1925b. New species and subspecies of Trinidad Rhopalocera and Heterocera. *Transactions of the entomological Society of London* 1924(3/4): 413-428, pl. 45 (20 February) [general; *Melinaea mneme sola*, *Heliconius wallacei latus*, *Adelpha melona nonsecta*, *A. phliassa symona*, *Chlorippi* (sic) *laure lauricola*, *Papilio pausanias tabaquita*, *Nymphidium strati*, *Alesa prema* aberration *nigra*, *Symmachia urichi*, *Zeonia faunus faunus* aberration *lamonti*, *Thecla bourkei*, *Phanus obscurior*, *Tisias fulguratoides*, *Thespicus* (sic) *submarmorata*, *Euphyes catioides*, *Cymaenes sipariana*]
- 1925c. The types of the ithomiine butterflies *Melinaea mneme* Linn., and *M. crameri* Godm. *Proceedings of the entomological Society of London* 1925(1/2): xxii-xxiii (7 August) [general; new aberration: *M. c.* aberration *incisa*; Guyana]
- 1926a. The butterflies of Jamaica. *Transactions of the entomological Society of London* 1925(3/4): 455-504 (5 February) [general; new taxa: *Eunica tatila tatilista*, *Rhinthon thermae*]
- 1926b. Butterflies from Venezuela. *Proceedings of the entomological Society of London* 1925(5): lxxi (10 April) [general; mimicry]
1929. Butterflies from Costa Rica. *Proceedings of the entomological Society of London* (A) 3(3): 82 (26 March) [*Terias proterpia* (Fabricius)]
- 1931a. *Heliconius charithonia* and its mimics in Colombia, Venezuela, Costa Rica, Cuba and Haiti. *Proceedings of the entomological Society of London* (A) 5(3): 89-90, 1 tab. (21 March)
- 1931b. Additions and corrections to the author's "Butterflies of Jamaica (1926)". *Transactions of the entomological Society of London* 79(3): 531-537, pl. 39 (31 December) [general; host plants; behavior; ecology; new species: *Leptotes perkinsae*, *Epargyreus perkinsi*]
- 1932a. Some butterflies of the West Indies. *Proceedings of the entomological Society of London* (A) 7(1): 1 (30 June) [general; Jamaica]
- 1932b. The occurrence of *Dismorphia spio* in Porto Rico. *Proceedings of the entomological Society of London* (A) 7(1): 2 (30 June)
1940. Additions and corrections to the recorded species of Trinidad butterflies (Lepid. Rhop.). *Transactions of the royal entomological Society of London* 90(21): 551-573 (14 December) [general; new subspecies: *Sostrata pusilla manzanilla*]
1956. A Catalogue of the American Hesperidae. By Brigadier W. H. Evans, D.S.O. Part IV. *Entomologist* 89(1113): 51

- ([21] February) [general; book review]
- Kazyak, Eric.**  
2018. See Rodríguez, R. E. et al., 2018.
- Kearney, Elizabeth P.**  
[1985]. See Turner, J. R. G. et al., [1985].
- Keber, Astrid**  
1996. See Gaal, S. & A. Keber, 1996.  
1997a. See Lödl, M. et al., 1997.  
1997b. See Gaal, S. et al., 1997.
- Kee, Thuan-Jin**  
2010. See Ferguson, L. et al., 2010.
- Keehnen, Naomi**  
2019. See Hill, J. A. et al., 2019.
- Keferstein, Georg Adolf** [1793-1884]  
[1838]. [Observations]. In: Bescke, C. H., Sur les lépidoptères du Brésil. *Revue entomologique* (Silbermann's) 4(1): 73-102 ("1836", [1838]) [general; behavior; life histories]  
1853. Einige Bemerkungen über die Geschlechtsverschiedenheit der Schmetterlinge. *Stettiner entomologische Zeitung* 14(10): 349-357 (October), (11): 362-368 (November) [general]  
1869. Betrachtungen, geknüpft an meine Schmetterlingsammlung. *Stettiner entomologische Zeitung* 30(4/6): 191-230 (April-June) [general; ecology; life histories; zoogeography; Neotropics]  
1871. Lepidopterologische Plaudereien. *Stettiner entomologische Zeitung* 32(7/9): 326-328 (early June) [*Colaenis alcionea* (Cramer), *C. cillene* (Cramer); Surinam, Costa Rica]  
1879. Entomologische Notizen. *Stettiner entomologische Zeitung* 40(4/6): 183-184 (mid April) [general; morphology; Brazil]  
1883. Ueber die Tagschmetterlings-Gattung *Colias* F. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 32(2): 449-458 (mid March) [general; Neotropics]
- Keightley, Peter D., Ana L. Pinharanda, Rob V. Ness, Fraser Simpson, Kanchon Kumar Dasmahapatra, James Louis Borlase Mallet, John W. Davey and Christopher David Jiggins**  
2015. Estimation of the spontaneous mutation rate in *Heliconius melpomene*. *Molecular Biology and Evolution* 32(1): 239-243, 1 fig., 1 tab. (1 January; published online 3 November 2014) [Panama]
- Keil, Clifford**  
2009. See Dangles, O. et al., 2009.
- Keiman, Andrés Federico, and Miguel Franco**  
2004. Can't see the forest for the butterflies: The need for understanding forest dynamics at monarch overwintering sites, pp. 135-140, 3 figs., 1 tab. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Kelber, Almut**  
2003. See Warrant, E. J. et al., 2003.  
2006. See Zaccardi, G. et al., 2006.  
2017a. See Lind, O. et al., 2017.  
2017b. See Cuthill, I. C. et al., 2017.
- Kellett, D. N.**  
1978. See Dixon, C. A. et al., 1978.
- Kelley, R. B., James N. Seiber, A. D. Jones, H. J. Segall and Lincoln Pierson Brower**  
1987. Pyrrolizidine alkaloids in overwintering monarch butterflies (*Danaus plexippus*) from Mexico. *Experientia* 43(8): 943-946, 5 figs., 1 tab. (15 August)
- Kellner, Clinton V., and Arthur Maurice Shapiro**  
1983. Ecological interactions of *Pieris brassicae* L. (Lepidoptera: Pieridae) and native Pierini in Chile. *Studies on neotropical Fauna and Environment* 18(1): 53-64, 2 figs., 3 tabs. (January) [general]
- Kelloff, Carol L.**  
2003. The use of biodiversity data in developing Kaieteur National Park, Guyana for ecotourism and conservation. *Contributions to the Study of biological Diversity* 1: 1-46, 8 pls., 10 figs., 4 tabs. (June) [general]
- Kellogg, Vernon Lyman** [1867-1937]  
1894. The taxonomic value of the scales of the Lepidoptera. *Kansas University Quarterly* 3(1): 45-89, pl. 9-10, 17 figs. [general]  
1906. The colors of butterflies and moths. *The Nature Study Review* 2(6): 206-211 (September) [*Morpho*; scale morphology; Brazil]  
1926. The color dust of the butterfly. *Natural History* (New York) 26(2): 152-158, 1 pl., figs. (April) [general; *Morpho*; Brazil]
- Kelly, J. E.**  
2018. See Smith, G. et al., 2018.
- Kelly, Richard**  
2014. First stop on a tour of insect collections in the UK. *Antenna* 38(2): 103-112, 6 figs. (March) [general]
- Kelly, Robert**  
2009. See Vukusic, P. et al., 2009.
- Kemal, Muhabbet**  
2015. See Koçak, A. Ö. & M. Kemal, 2015.
- Kemal, Muhabbet, and Ahmet Ömer Koçak**  
2007. A replacement name for a Neotropical butterfly (Acraeidae, Lepidoptera). *Miscellaneous Papers. Centre for entomological Studies* (Ankara) 106: 2-3 (8 January) [*Acraea (Abananote) intensa gerardolamas*; Ecuador, Peru]
- Kemp, Darrell J.**  
2007. See Rutowski, R. L. et al., 2007.
- Kemp, Darrell J., and Christer Wiklund**  
2001. Fighting without weaponry: a review of male-male contest competition in butterflies. *Behavioral Ecology & Sociobiology* 49(6): 429-442, 3 tabs. (3 May) [general]
- Kemp, Roger J.**  
2000. Butterflies from Belize. *British Journal of Entomology and natural History* 13(3): 161-162 (October) [general]
- Kendall, Roy O'Neal** [1912-2008]  
1967. See Comstock, J. A. & R. O. Kendall, 1967.  
1969. See Burns, J. M. & R. O. Kendall, 1969.  
1970a. Three hairstreaks (Lycaenidae) new to Texas and the United States. *Journal of the Lepidopterists' Society* 24(1): 59-61 (26 March) [general; new records; Mexico]  
1970b. *Lerema ancillaris* (Hesperiidae) new to Texas and the United States. *Journal of the Lepidopterists' Society* 24(4): 266 (16 November) [new records; *Synapte salenus* (Mabille); Mexico, Guatemala, Honduras, Nicaragua, Costa Rica]  
1972. Three butterfly species (Lycaenidae, Nymphalidae, and Heliconiidae) new to Texas and the United States. *Journal of the Lepidopterists' Society* 26(1): 49-52, 8 figs. (21 March) [general; Mexico]  
1974a. Confirmation of *Rhopalocera* (Pieridae, Nymphalidae) previously recorded for Texas and the United States. *Journal of the Lepidopterists' Society* 28(3): 249-252, 2 figs. (30 September) [*Enantia melite* (Linnaeus), *Hamadryas amphinome mexicana* (Lucas); Mexico]  
1974b. Some extinct and endangered Lepidoptera of Texas. *Atala* 2(2): 9-10 (9 December) [*Stallingsia maculosus* (Freeman); Mexico]  
1975. Larval foodplants for seven species of hairstreaks

- (Lycaenidae) from Mexico. *Bulletin of the Allyn Museum* 24: 1-4 (28 February) [general]
- 1976a. Larval foodplants and life history notes for some metalmarks (Lepidoptera: Riodinidae) from Mexico and Texas. *Bulletin of the Allyn Museum* 32: 1-12 (17 February) [general]
- 1976b. Larval foodplants for thirty species of skippers (Lepidoptera: Hesperidae) from Mexico. *Bulletin of the Allyn Museum* 39: 1-9 (10 November) [general]
- 1976c. Larval foodplants and life history notes for eight moths from Texas and Mexico. *Journal of the Lepidopterists' Society* 30(4): 264-271, 15 figs. (3 December) [*Hedyle heliconiaria* (Guenée); larva, pupa, imago; host plant]
1978. Larval foodplants, life history and temporal distribution for *Splendeptychia kendalli* (Satyridae) from Mexico. *Journal of the Lepidopterists' Society* 32(2): 86-87 (19 July)
- Kendall, Roy O'Neal, and William Wayne McGuire**
1975. Larval foodplants for twenty-one species of skippers (Lepidoptera: Hesperidae) from Mexico. *Bulletin of the Allyn Museum* 27: 1-7 (3 September) [general]
1984. Some new and rare records of Lepidoptera found in Texas. *Bulletin of the Allyn Museum* 86: 1-50, 38 figs., 1 tab. (19 April) [general; Central America, Antilles]
- Kenedy, Rosemary**
1964. Some field observations made at Simla. *Journal of the New York entomological Society* 72(3): 195-196 (8 October) [Heliconiinae; behavior; Trinidad]
- Kennard, William Crawford** [1921- ]
1956. See Spencer, J. L. et al., 1956.
- Kennaugh, John H.**
1963. Structural colours in insects. *Entomologist* 96(1207): 284-291, 4 figs. ([11] December) [general]
- Kennedy, Cathy**
1986. Tiptoeing through the trichomes or could attachment to the host plant matter to host selection? *Antenna* 10(2): 75-78, 3 figs. (April) [*Heliconius*]
- Kennedy, Chandler J.**
1984. The Monarch. Nature's winged jewels in jeopardy. *Arizona Highways* 60(1): 14-23, figs. (January) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Kennedy, Laura A.**
1995. On a wing and a prayer: Can butterflies reveal patterns of tropical diversity? *Quest* 4(3): 3-5, figs. [general]
- Kenny, J. S.**
1979. See Bacon, P. R. et al., 1979.
- Ker, Fabrício Thomaz de Oliveira**
2008. See Murta, A. de F. et al., 2008.
- Kerchache, Jacques**
2000. *The hand of nature. Butterflies, beetles and dragonflies.* London, Thames & Hudson. 160 pp., 85 figs. [general]
- Kergoat, Gael J.**
- 2012a. See Condamine, F. L. et al., 2012a.
- 2012b. See Condamine, F. L. et al., 2012b.
2013. See Condamine, F. L. et al., 2013.
- Kermack, James**
1928. Action taken in regard to control of noxious weeds. *Agricultural Journal* (Suva) 1(2): 9-10. [*Thecla echion* (Linnaeus), *T. agra* Hewitson; host plant]
- Kern, Anna J.**
2012. See Barve, N. et al., 2012.
- Kern, Ferdinand**
1957. See Fernández, F. J. et al., 1957.
- Kernbach, Kurt** [1912-1968]
1959. Lepidoptera del Uruguay. *Entomologische Zeitschrift* 69(3): 24 (1 February) [general; book review]
- Kerpel, Solange Maria, Aurino Ferreira Júnior and André Victor Lucci Freitas**
- 2014b. New record of the endangered Brazilian swallowtail, *Heraclides himeros baia* (Rothschild & Jordan, 1906). *Journal of the Lepidopterists' Society* 68(2): 145-146, 1 fig. (2 June) [Brazil]
- Kerpel, Solange Maria, and Gilson Rudinei Pires Moreira**
2005. Absence of learning and local specialization on host plant selection by *Heliconius erato*. *Journal of Insect Behavior* 18(3): 433-452, 8 figs., 6 tabs. (May) [Brazil]
- Kerpel, Solange Maria, Eliséo Soprano and Gilson Rudinei Pires Moreira**
2006. Effect of nitrogen on *Passiflora suberosa* L. (Passifloraceae) and consequences for larval performance and oviposition in *Heliconius erato phyllis* (Fabricius) (Lepidoptera: Nymphalidae). *Neotropical Entomology* 35(2): 192-200, 5 figs., 1 tab. (30 April) [Brazil]
- Kerpel, Solange Maria, and Tamara Zacca**
2016. *Borboletas: um toque a mais de beleza para o Semiárido*, pp. 139-153, 8 figs. In: Bravo, F. & A. R. Calor (Eds.), *Conhecendo os artrópodes do Semiárido*. São Paulo, Métis Produção Editorial. [general; Brazil]
- Kerpel, Solange Maria, Tamara Zacca, Carlos Eduardo Beserra Nobre, Aurino Ferreira Júnior, Maira Xavier Araújo and Alessandra Fonseca**
- 2014a. *Borboletas do Semiárido, conhecimento atual e contribuições do PPBio*, pp. 245-272, 5 figs., 3 tabs. In: Bravo, F. & A. Calor (Eds.), *Artrópodes do Semiárido. Biodiversidade e conservação*. Feira de Santana, Printmídia. [general; Brazil]
- Kerr, John Graham** [1869-1957]
1910. Remarks upon the zoological collection of the University of Glasgow, made on the occasion of the visit by the Natural History Society, on March 12, 1910. *Glasgow Naturalist* 2(4): 97-111 (September) [general; Fabricius' types]
1950. *A naturalist in the Gran Chaco*. Cambridge, Cambridge University Press. xiii + 235 pp., 24 pls., 2 maps. [general; Argentina, Paraguay, Bolivia]
- Kersey, Paul**
2012. See Dasmahapatra, K. K. et al., 2012.
- Kertész, Krisztián**
2005. See Bálint, Z. et al., 2005a.
- 2006a. See Bálint, Z. et al., 2006a.
- 2006b. See Bálint, Z. et al., 2006b.
- 2006c. See Vértessy, Z. et al., 2006.
- 2006d. See Biró, L. P. et al., 2006.
- 2007a. See Biró, L. P. et al., 2007a.
- 2007b. See Bálint, Z. et al., 2007.
- 2007c. See Biró, L. P. et al., 2007b.
- 2007d. See Biró, L. P. et al., 2007c.
- 2008a. See Bálint, Z. et al., 2008a.
- 2008b. See Bálint, Z. et al., 2008b.
- 2008c. See Biró, L. P. et al., 2008.
- 2009a. See Márk, G. I. et al., 2009.
- 2009b. See Bálint, Z. et al., 2009.
2010. See Bálint, Z. et al., 2010b.
2013. See Tamáska, I. et al., 2013.
2017. See Bálint, Z. et al., 2017.
2018. See Pyrcz, T. W. et al., 2018b.
2019. See Bálint, Z. et al., 2019b.
- Kertész, Krisztián, Zsolt Bálint, Zofia Vértessy, Géza István Márk, Virginie Lousse, Jean-Pol Vigneron and László Péter Biró**
- 2006a. Photonic crystal type structures of biological origin: Structural and spectral characterization. *Current applied*

- Physics* 6(2): 252-258, 10 figs., 1 tab. (February) [*Morpho*]
- Kertész, Krisztián, Zsolt Bálint, Zofia Vértesy, Géza István Márk, Virginie Lousse, Jean-Pol Vigneron, Marie Rassart and László Péter Biró**
- 2006b. Gleaming and dull surface textures from photonic-crystal-type nanostructures in the butterfly *Cyanophrys remus*. *Physical Review E* 74(2)(021922): 1-15, 17 figs., 2 tabs. (31 August)
- Kertész, Krisztián, Gyoergy Molnár, Zofia Vértesy, Antal A. Koós, Zsolt E. Horváth, Géza István Márk, Levente Tapasztó, Zsolt Bálint, István Tamáska, Olivier Deparis, Jean-Pol Vigneron and László Péter Biró**
2008. Photonic band gap materials in butterfly scales: A possible source of "blueprints". *Materials Science and Engineering (B)* 149(5): 259-265, 9 figs., 1 tab. (15 April) [*Cyanophrys remus* (Hewitson); Brazil]
- Kertész, Krisztián, Gabor Piszter, Emma Jakab, Zsolt Bálint, Zofia Vértesy and László Péter Biró**
2014. Temperature and saturation dependence in the vapor sensing of butterfly wing scales. *Materials Science and Engineering (C)* 39(1): 221-226, 8 figs. (June; published online 12 March) [*Morpho aega* (Hübner)]
- Kerzhner, Izya Moiseevich** [1936-2008]
1991. J. C. Megerle's (1801-1805) auction catalogues of insects: proposed suppression, with conservation of the specific names of *Saperda alboguttata* Megerle, 1803 (now in *Apomecyna*) (Coleoptera) and *Hippobosca variegata* Megerle, 1803 (Diptera). *Bulletin of zoological Nomenclature* 48(3): 206-209 (30 September) [nomenclature]
1994. A. A. H. Lichtenstein's (1796, 1797) *Catalogus musei zoologici... Sectio tertia. Continens Insecta* and D. H. Schneider's (1800) *Verzeichniss einer Parthei Insekten...: proposed suppression, with conservation of some Lichtenstein (1796) names (Insecta and Arachnida)*. *Bulletin of zoological Nomenclature* 51(2): 108-115, 1 tab. (30 June)
- Kesselring, Hans Jörg [= Jorge]**
- 1955-56. Streifzüge am Amazonas. *Entomologisches Nachrichtenblatt. Arbeitsgemeinschaft österreichischer Entomologen* 2(6): 1-5, 1 map. (August 1955), (7): 1-7 (October 1955), (8): 1-8 (November 1955); 3(1): 1-5 (January 1956), (2): 1-7 (February 1956) [general; Brazil]
1957. Butterfly hunting in the Amazon River. *Entomologist* 90 (1126): 58-66 (13 March) [general; Brazil]
- 1976a. The saving of a *Morpho* forest. *Atala* 3(2): 29-30 (22 January) [general; conservation; Brazil]
- 1976b. Are Morphos endangered? *Atala* 3(3): 31 (22 January) [general; conservation; Brazil]
1989. *Agrias*, a rainha das borboletas. *Ciência Hoje* 10(60): 40-48, figs. (December) [also in *Bulletin de la Société Sciences Nat* 77: 29-33, 11 figs. (26 March 1993)] [life history; host plants; behavior; Brazil]
- 1996a. Beobachtungen an *Callicore sorana* Godart (Lep., Nymphalidae). *Galathea* 12(2): 47-52, 5 figs. [life history; Brazil]
- 1996b. Ein Schmetterlingsgarten mitten in der Stadt (Lep.). João Pessoa, (Paraíba), Brasilien. *Galathea* 12(3): 89-92, 4 figs. [general]
1998. Protección de mariposas y medio ambiente. *Mariposas del Mundo* (Buenos Aires) 4: 12-13, 1 fig. (March) [general; Brazil]
- Kesselring, Hans Jörg [= Jorge], and Heinz Ebert** [1982]. Relação das borboletas encontradas na "Mata do Buraquinho", João Pessoa, Estado da Paraíba, Brasil. *Revista nordestina de Biologia* 2(1/2): 105-118 ("1979", [October 1982]) [general]
- Kessler, Michael**
2007. See Döll, S. et al., 2007.
2011. See Laurance, W. F. et al., 2011.
- Kettlewell, Henry Bernard Davis** [1907-1979]
1959. Las adaptaciones en los insectos brasileños. *Endeavour* 18(72): 200-210, 24 figs., 1 tab. (October) [general; mimicry, crypsis]
- Kevan, Douglas Keith McEwan** [1920-1992]
1981. The terrestrial arthropods of the Bermudas: an historical review of our knowledge. *Archives of natural History* 10(1): 1-29, 4 figs. (April) [general]
- Kevan, Peter G.**
2004. *Pollination and flower visitation*, pp. 1775-1785, figs. 820-822. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 3. [Ed. 2, 2008] [general]
2016. See Poinar, G. O., Jr. et al., 2016.
- Kevan, Peter G., and Herbert George Baker**
1983. Insects as flower visitors and pollinators. *Annual Review of Entomology* 28: 407-453, 3 tabs. [general]
- Kevan, Peter G., and Robert A. Bye**
1991. The natural history, sociobiology and ethnobiology of *Eucheira socialis* Westwood (Lepidoptera: Pieridae), a unique and little-known butterfly from Mexico. *Entomologist* 110(4): 146-165, 11 figs. (October) [host plant]
- Keymeulen, Angel** [1959-2015]
2001. Verhulst J., 2000, *Les Colias du Globe* (Monograph of the genus *Colias*). *Linneana Belgica* 18(4): 191 (December) [general; book review]
- Khan, A.**
1993. See Baker, P. S. et al., 1993.
- Khan, Mughees**
2014. See England, G. et al., 2014.
- Kheil, Napoleon Manuel** [1849-1923]
1885. Dr. Staudinger's "Exotische Schmetterlinge". *Entomologische Nachrichten* 11(10): 149-155 (May) [review]
- 1896a. O hmyzu, ježž nasbíral r. 1893. E. St. Vráz při řece Atabapu v Jižní Americe. *Vesmír* (Praha) 25(8): 86-88 (1 February), (9): 97-99, 101, 2 figs. (15 February), (10): 111-112, 114, 1 map (1 March), (12): 135-137, 1 fig. (1 April), (14): 157- 159, 1 fig. (1 May), (15): 174-175 (15 May), (17): 196, 198- 199 (15 June) [general; Venezuela]
- 1896b. Eine neue Satyriden-Art. *Deutsche entomologische Zeitschrift "Iris"* 9(1): 151-152, 1 fig. (18 July) [*Taygetis vrazii*; Venezuela]
- 1896c. O hmyzu, ježž nasbíral r. 1893. E. St. Vráz při řece Atabapu v Jižní Americe. *Vesmír* (Praha) 25(20): 230-231 (1 August), (21): 244, 246-247, 1 fig. (15 August), (22): 254-256 (1 September), (23): 266-267 (15 September) [general; Venezuela]
- Kiesenwetter, Ernst August Hellmuth von** [1820-1880]
1860. Ankauf der Moritz'schen Lepidopteren-Sammlung. *Berliner entomologische Zeitschrift* 4(2/4): 325. [Venezuela]
- Kiill, Lúcia Helena Piedade**
2008. See Siqueira, K. M. M. de et al., 2008.
- Kiill, Lúcia Helena Piedade, and Marcos Antônio Drumond**
2001. Biologia floral e sistema reprodutivo de *Glicicidia sepium* (Jacq.) Steud. (Fabaceae – Papilionoidae) na região de Petrolina, Pernambuco. *Ciência rural* (Santa Maria), 31(4): 597-601, 4 tabs. (August) [*Urbanus proteus* (Linnaeus)]
- Kiill, Lúcia Helena Piedade, Francisca Nemauro Pedrosa Haji and Paulo César Fernandes Lima**
2000. Visitantes florais de plantas invasoras de áreas com

- fruteras irrigadas. *Scientia agricola* (Piracicaba) 57(3): 575-580, 4 tabs. (September) [*Ascia monuste* (Linnaeus), *Papilio thoas brasiliensis* Rothschild & Jordan, *Agraulis vanillae* (Linnaeus); Brazil]
- Kiill, Lúcia Helena Piedade, and Neusa Taroda Ranga**  
1994. Ecologia da polinização de *Galipea jasminiflora* Engler (Rutaceae). *Revista brasileira de Botânica* (São Paulo) 16(2): 151-157, 2 figs., 4 tabs. (18 January) [general; Brazil]  
2000a. Biologia floral e sistema de reprodução de *Jacquemontia multiflora* (Choisy) Hallier f. (Convolvulaceae). *Revista brasileira de Botânica* (São Paulo) 23(1): 37-43, 4 figs., 2 tabs. (March) [*Ascia monuste* (Linnaeus); Brazil]  
2000b. Biologia da polinização de *Merremia aegyptia* (L.) Urb. (Convolvulaceae) no sertão de Pernambuco. *Naturalia* (São Paulo) 25: 149-158, 3 figs., 2 tabs. [*Ascia monuste* (Linnaeus); Brazil]
- Kiill, Lúcia Helena Piedade, Kátia Maria Medeiros de Siqueira, Francisco Pinheiro de Araújo, Sabrina Pitombeira Monteiro Trigo, Edsângela de Araújo Feitoza and Ivanice Borges Lemos**  
2010. Biologia reprodutiva de *Passiflora cincinnata* Mast. (Passifloraceae) na região de Petrolina (Pernambuco, Brazil). *Oecologia australis* 14(1): 115-127, 6 figs., 5 tabs. (March) [*Ascia monuste* (Linnaeus)]
- Kikuchi, David W.**  
2019. See McLean, D. J. et al., 2019.
- Kim, Hye-Na**  
2017. See Ge, D. et al., 2017.
- Kim, Philseok**  
2014. See England, G. et al., 2014.
- Kimball, Charles P.** [1897-1982]  
1965. *The Lepidoptera of Florida. An Annotated Checklist*. Gainesville, State of Florida Department of Agriculture, Division of Plant Industry. v + 363 pp., 26 pls. (1 January) [general; host plants; West Indies]
- Kimball, Megan B.**  
2000. See Rutowski, R. L. & M. B. Kimball, 2000.
- Kimler, William C.**  
1983. *Mimicry: views of naturalists and ecologists before the modern synthesis*, pp. 97-127. In: Grene, M. (Ed.), *Dimensions of Darwinism. Themes and counterthemes in twentieth-century evolutionary theory*. Cambridge, Cambridge University Press & Paris, Editions de la Maison des Sciences de l'Homme. [*Mechanitis polymnia* (Linnaeus)]
- Kimura, Yuichi**  
2006. See Otaki, J. M. et al., 2006.
- Kinder, E., and Fritz Süffert**  
1943. Über den Feinbau schillernder Schmetterlingsschuppen vom *Morpho*-Typ. *Biologisches Zentralblatt* 63(5/6): 268-288, 14 figs. (May-June) [*M. aega* (Hübner), *M. achilles* (Linnaeus); morphology]
- King, Andrew B. S.**  
1983. See Saunders, J. L. et al., 1983.  
1995. See Coto, D. et al., 1995.
- King, Andrew B. S., and Joseph Lloyd Saunders**  
1984. *Las plagas invertebrados de cultivos anuales alimenticios en América Central*. London, Overseas Development Administration. vi + 182 pp., 64 pls., figs. [general; host plants]
- King, Beth**  
2006. Smithsonian scientists create hybrid butterfly species in laboratory. *Inside Smithsonian Research* 14: 13, 1 fig. [*Heliconius heurippa* Hewitson; Colombia, Panama]
- King, G. E.**  
1992. Las Mariposas entre los Antiguos Mexicanos by Carlos R. Beutelspacher. *Entomologist* 111(1): 22-23 (January) [general; book review]
- King, Peter**  
1997. See Jiggins, C. D. et al., 1997.
- Kingsley, Rebecca**  
1999. *Butterflies. A pocket companion*. Kent, Grange Books. 64 pp., figs. [general]
- Kingsolver, Joel G.** [1953- ]  
1985. Butterfly thermoregulation: organismic mechanisms and population consequences. *Journal of Research on the Lepidoptera* 24(1): 1-20, 5 figs. (15 September) [general]  
2000. See Srygley, R. B. & J. G. Kingsolver, 2000.
- Kinjo, Seira**  
2015. See Taira, W. et al., 2015.
- Kinkead, Karen**  
2019. See Cariveau, A. B. et al., 2019.
- Kinoshita, Katuyuki**  
1971. See Nakano, O. et al., 1971.
- Kinoshita, Michiyo**  
2004. See Arikawa, K. et al., 2004.
- Kinoshita, Shuichi**  
2004a. See Yoshioka, S. & S. Kinoshita, 2004.  
2004b. See Yoshioka, S. et al., 2004.  
2005. How I am challenging to create the "Morpho blue". *Butterflies* (Tokyo) 40: 10-18, 9 figs. (10 September) [morphology]  
2006a. See Yoshioka, S. & S. Kinoshita, 2006a.  
2006b. See Yoshioka, S. & S. Kinoshita, 2006b.  
2008. *Structural colors in the realm of nature*. Singapore, World Scientific Publishing Co. Pte. Ltd. xiii + 352 pp., 16 pls., figs., tabs. [general; morphology]  
2011. See Kambe, M. et al., 2011.  
2013. See Okada, N. et al., 2013.  
2014. See Yoshioka, S. et al., 2014.
- Kinoshita, Shuichi, Shinya Yoshioka**  
2005. Structural colors in nature: The role of regularity and irregularity in the structure. *ChemPhysChem* 6(8): 1442-1459, 28 figs. (12 August; published online 14 July) [general]
- Kinoshita, Shuichi, Shinya Yoshioka, Yasuhiro Fujii and Naoko Okamoto**  
2002. Physics of structural color in the *Morpho* butterfly. *Forma* (Tokyo) 17(2): 103-121, 11 figs. [*M. didius* Hopffer, *M. rhetenor* (Cramer), *M. adonis* (Cramer), *M. sulkowskyi* Kollar; morphology]
- Kinoshita, Shuichi, Shinya Yoshioka and Kenji Kawagoe**  
2002. Mechanisms of structural colour in the *Morpho* butterfly: cooperation of regularity and irregularity in an individual scale. *Proceedings of the royal Society of London* (B) 269(1499): 1417-1421, 4 figs. (22 July) [*M. didius* Hopffer, *M. sulkowskyi* Kollar]
- Kinoshita, Shuichi, Shinya Yoshioka and J. Miyazaki**  
2008. Physics of structural colors. *Reports on Progress in Physics* 71(7)(076401): 1-30, 25 figs. (July; published online 6 June) [general; morphology]
- Kinukawa, Tomomi**  
2011. Natural history as entrepreneurship: Maria Sibylla Merian's correspondence with J. G. Volkamer II and James Petiver. *Archives of natural History* 38(2): 313-327 (October) [general; history; Surinam]
- Kiphart, Ridlon J.**  
2015. See Brower, L. P. et al., 2015.
- Kirby, Richard**  
2015. See Huertas, B. C. et al., 2015.
- Kirby, William Forsell** [1844-1912]  
1868. On the diurnal Lepidoptera of the extra-tropical Northern



- Hemisphere. *Journal of the royal Dublin Society* 5(37): 163-172 [general; zoogeography; Neotropics]
1869. On the diurnal Lepidoptera described in Gmelin's edition of the *Systema Naturae*. *Transactions of the entomological Society of London* 1869(5): 355-362 (14 December) [general]
- 1870a. On the necessity of a reform in the generic nomenclature of diurnal Lepidoptera, illustrated by a review of the genera proposed from the time of Linnaeus to the year 1816. *Journal of the Linnean Society of London (Zoology)* 10(48): 494-503 (20 May) [general]
- 1870b. Notes on the butterflies described by Linnaeus. *Transactions of the entomological Society of London* 1870(2): 133-152 (16 June)
1871. *A Synonymic Catalogue of Diurnal Lepidoptera*. London, John Van Voorst. vii + 690 pp. ([6 November]) [general; new taxa: *Aprotopos*, *Scada*, *Epinephele blanchardii*, *Morpho crameri*, *Coatlantona*, *Anemeca*, *Peria*, *Mesotaenia*, *Vila*, *Megalura livius*, family Lemoniidae, subfamily Euselasiinae, *Aculhua*, *Rusalkia*, *Cartea*, *Cupido sibylla*, *Thecla hewitsoni*, *T. wilhelmina*, *T. lydia*, *Telegonus meriani*, *Pamphila schelleri*, *Butleria*, *Pythonides fabricii*, *Lincoya*, *Nahida*; Neotropics]
- 1872a. Synonymic notes on Lepidoptera. *Proceedings of the entomological Society of London* 1871(5): xliii-xlvi (19 February) [general]
- 1872b. Remarques sur les morphides et les brassolides. *Petites Nouvelles entomologiques* 1(47): 88 (1 March) [general; Costa Rica]
- 1872c. Notes on the diurnal Lepidoptera described by Jablonsky and Herbst, in their "Naturesystem aller bekannten Insekten". *Transactions of the entomological Society of London* 1872(2): 111-120 (15 May) [general]
- 1872d. [Notes]. *Petites Nouvelles entomologiques* 1(60): 239 (15 September) [Papilio spp., Nymphalidae]
- 1872e. On the geographical distribution of the diurnal Lepidoptera as compared with that of the birds. *Journal of the Linnean Society of London (Zoology)* 11(55): 431-439 (29 October) [general; Neotropics]
- 1872f. A list of the species of Papilioninae, or swallow-tailed butterflies, in the Museum of the Royal Dublin Society. *Journal of the royal Dublin Society* 6(40): 63-66. [general; zoogeography; Neotropics]
1873. Note sur la synonymie des lépidoptères et spécialement sur celle des morphides. *Petites nouvelles entomologiques* 1(71): 283 (1 March) [general]
- 1877a. Introductory papers on Lepidoptera. *Entomologist* 10(171): 198-200 (August), (172): 220-225 (September), (173): 241-245 (October), (175): 290-295 (November) [general]
- 1877b. *A Synonymic Catalogue of Diurnal Lepidoptera. Supplement*. London, John Van Voorst. Pp. i-viii + 691-883 (after 1 June) [general; Neotropics]
- 1878a. See Hewitson, 1878e.
- 1878b-79a. Introductory papers on Lepidoptera. *Entomologist* 11(177): 25-28 (February 1878), (179): 74-76 (April 1878), (181): 124-128 (June 1878), (182): 154-156 (July 1878), (184): 195-197 (September 1878), (186): 239-241 (November 1878); 12(188): 11-14 (January 1879), (190): 81-83 (March 1879), (191): 92-96 (April 1879), (192): 123-125 (May 1879), (193): 145-149 (June 1879) [general; Brassolinae, Danainae, Nymphalinae]
- 1879b. *Catalogue of the collection of diurnal Lepidoptera formed by the late William Chapman Hewitson of Oatlands, Walton-on-Thames; and bequeathed by him to the British Museum*. London, John Van Voorst. iv + 246 pp. (after 1 June) [general; Neotropics]
- 1880a. Introductory Papers on Lepidoptera. *Entomologist* 13(200): 5-7 (January) [general; Nymphalinae]
- 1880b. Catalogue of the Lepidoptera (Rhopalocera, Sphingidae, Castniidae and Uraniidae) in the Museum of Science and Art, Dublin, with remarks on new or interesting species. *Scientific Proceedings of the royal Dublin Society* (N.S.) 2(5): 292-340 (April) [general; new species: *Entheus marshalli*]
- 1880c-81a. Introductory papers on Lepidoptera. *Entomologist* 13(210): 266-267 (November 1880); 14(219): 174-176 (August 1881) [general; Nymphalinae]
- 1881b. Notes on new or interesting species of Papilionidae and Pieridae, collected by Mr. Buckley in eastern Ecuador. *Transactions of the entomological Society of London* 1881(3): 351-358 (8 September) [general; *Papilio virginia*, *P. charoba*, *Dismorphia hewitsonii*, *Pieris imperator*, *P. smithii*, *Colias dinora*]
- 1882a. Introductory papers on Lepidoptera. *Entomologist* 15(230): 157-159 (July) [general; Nymphalinae]
- 1882b. *Order Lepidoptera (Butterflies and Moths)*, pp. 21-69, figs. In: Duncan, P. M. (Ed.), *Cassell's Natural History*. London, Cassell Petter, Galpin & Co. 6. [general]
1883. Introductory papers on Lepidoptera. *Entomologist* 16(241): 122-124 (June) [general; Nymphalinae]
1884. On a copy of "Peale's Lepidoptera Americana" in the library of the Zoological Department of the British Museum. *Papilio* 4(5/6): 103-104 ([22 July]) [general]
1885. *Elementary text-book of Entomology*. London, W. Swan Sonnenschein and Co. i-viii, 1-240 + [1] pp., frontisp., pls. 1-86. [Ed. 2, 1892] [general]
- 1887a. Descriptions of new species of Papilionidae, Pieridae, and Lycaenidae. *Annals and Magazine of natural History* (5)19(113): 360-369 (1 May) [*Daptonura limbata*, *Pieris subflavescens*; Ecuador, Colombia]
- 1887b. Exotische Schmetterlinge. Abbildungen und Beschreibungen der wichtigsten exotischen Tagfalter in systematischer Reihenfolge mit Berücksichtigung neuer Arten, von Dr. O. Staudinger, unter technischer Mitwirkung von Dr. H. Langhaus. *Annals and Magazine of natural History* (5)19(113): 390-391 (1 May) [general; book review]
- 1888-92. See Grose-Smith, H. & W. F. Kirby, 1888-1892.
1889. Description of a new butterfly from Trinidad. *Entomologist* 22(313): 149-150 (June) [also in *Journal of the Trinidad Field Naturalists' Club* 1(3): 70-71; August 1892] [*Tithorea flavescens*]
1890. Insecta, excepting Coleoptera, pp. 530-548. In: Ridley, H. N., Notes on the Zoology of Fernando Noronha. *Journal of the Linnean Society of London (Zoology)* 20(124/125): 473-560, pl. 30 (31 July) [*Tarucus hanno* (Stoll)]
1892. *A Synonymic Catalogue of Lepidoptera Heterocera (Moths)*. 1. *Sphingines and Bombyces*. London, Gurney & Jackson. xii + 951 pp. ([9 July]) [Riodininae; new genus: *Pseuderchia*]
- 1893-97. See Grose-Smith, H. & W. F. Kirby, 1893-1897.
- 1894a-1908. See Wytzman, P. A. G. & W. F. Kirby, 1894-1908.
- 1894b. *A Hand-book to the Order Lepidoptera*. London, W. H. Allen & Co., Limited. 1: lxxiv + 261 pp., pls. 1-37, figs. ([before October]) [reprinted in 1896 by E. Lloyd] [general; morphology; host plants; eggs, larvae, pupae, imagines; parasitoids and predators; zoogeography; behavior; ecology; Neotropics]
- 1896a. On the identification of *Danaus plexippus* Linn. *Entomologist* 29(397): 188-189 (June) [general]
- 1896b-97. *A Hand-book to the Order Lepidoptera*. London, W. H. Allen & Co., Limited. 2: xx + 332 pp., pls. 38-68, figs. ([before May] 1896); 3: xxvii + 308 pp., pls. 69-95, figs.

- ([January] 1897) [reprinted in 1896-1897 by E. Lloyd] [general; new taxa: *Parura*, *Schatzia*, *Catagrammina hewitsoni*; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Neotropics]
1903. *Scale-winged insects, or butterflies and moths*, pp. 709-724, 1 pl., figs. In: *The People's Natural History. Embracing living animals of the world and living races of mankind*. New York, The University Society. 3. [general]
- 1908-12a. *Zuträge zur Sammlung exotischer Schmetterlinge bestehend in Bekündigung einzelner Fliegmuster neuer oder rarer nichteuropäischer Gattungen von Jacob Hübner 1818-1825 (Tafeln 1-103) Carl Geyer 1832-1837 (Tafeln 104-172). New English facsimile edition with 172 coloured plates with introduction, and systematic and alphabetical indices*. Brussels, V. Verteneuil & L. Desmet. [4] + ii + 100 + [i] pp., pls. 492-663 [general; Neotropics]
- 1912b. Experiences of a butterfly-hunter. *Nature* (London) 89(2221): 291 (23 May) [general; book review]
- Kiriakoff, Sergius Gregory** [1898-1984]
1948. A report on the war damage to lepidopterology in Europe. *Lepidopterists' News* 2(5): 49 (30 June) [lepidopterists killed or deceased; collections damaged or destroyed]
1949. Report on war damage in Europe. IV. Poland. *Lepidopterists' News* 3(1): 4 (28 February) [lepidopterists killed or deceased; collections damaged or destroyed]
- Kiriakoff, Sergius Gregory, and Henri Stempffer**
1952. Un difficile problème de répartition géographique. *Revue française de Lépidoptéologie* 13(15/17): 229-235 (15 November) [general; *Brephidium exilis* (Boisduval), *B. isoptalma* (sic) (Herrich-Schäffer); zoogeography; Neotropics]
- Kirkpatrick, Thomas Winfrid** [1896-1971]
1948. A note on night feeding of a papilionid larva in Trinidad. *Proceedings of the royal entomological Society of London* (C) 13(4): 18 (May), (5): 24 (June) [probably *P. a. anchisiades* Esper; behavior]
1954. Notes on minor insect pests of cacao in Trinidad. Part 2. Lepidoptera (butterflies and moths). *Reports on Cacao Research* 1953: 67-72 (November) [Riodininae, Lycaeninae; host plants; life histories; parasitoids]
1957. *Insect life in the tropics*. London, Longmans, Green and Co. xiv + 311 pp., 146 figs. [general]
- Kir'yanov, Alexander V.**
- 2017a. A new subspecies of *Colias lesbia* Fabricius, 1775 from the Arequipa province, Southern Peru (Lepidoptera, Pieridae, Coliadinae). *Lambillionea* 117(2): 111-120, 6 figs. (June) [*C. l. misti*]
- 2017b. Notes on "white" forms of *Colias flaveola* Blanchard, 1852 of Southern Peru with description of two new subspecies (Lepidoptera, Pieridae, Coliadinae). *Lambillionea* 117(3): 242-261, 17 figs. (October) [*C. f. cora*, *C. f. laura*]
2019. Species status of *Colias misti* (Pieridae: Coliadinae) from the Arequipa region. South Peru, and a description of its new subspecies, from Cotahuasi canyon, South-Central Peru. *Zootaxa* 4706(3): 408-426, 16 figs., 2 tabs. (10 December) [*C. m. ccota*]
- Kir'yanov, Alexander V., and Manuel Artemio Balcázar**
2007. Papilionidae and Pieridae butterflies (Lepidoptera, Papilionoidea) of the state of Guanajuato, Mexico. *Acta zoológica mexicana* (N. S.) 23(2): 1-9 (August) [general]
- Kir'yanov, Alexander V., and Gorky Valencia**
2018. A new subspecies of *Colias flaveola* Blanchard, 1852 from Cusco region (Peru) (Pieridae, Coliadinae). *Lambillionea* 118(2): 139-150, 10 figs. (June) [*C. f. hara*]
- Kistner, David H.**
1989. See Ashe, J. S. & D. H. Kistner, 1989.
- Kitajima, Elliot Watanabe**
1997. See Ribeiro, B. M. et al., 1997.
2019. See Ribeiro, B. M. et al., 2019.
- Kitani, Masakazu**
2010. See Ohshima, I. et al., 2010.
- Kitching, B. M.**
1973. See Kitching, R. L. and B. M. Kitching, 1973.
- Kitching, Ian James** [1958- ]
1983. South Floridian butterflies. *Antenna* 7(1): 8-9, 1 fig. (January) [general; West Indies]
1984. The use of larval chaetotaxy in butterfly systematics, with special reference to the Danaini (Lepidoptera: Nymphalidae). *Systematic Entomology* 9(1): 49-61, 4 figs. (January) [general]
- 1985a. Early stages and the classification of the milkweed butterflies (Lepidoptera: Danainae). *Zoological Journal of the Linnean Society* 85(1): 1-97, 59 figs. ([5] September) [general; morphology; eggs, larvae, pupae]
- 1985b. See DeVries, P. J. et al., 1985.
- 1986a. See DeVries, P. J. et al., 1986.
- 1986b. Allozyme variation in the milkweed butterflies (Lepidoptera: Danainae). *Zoological Journal of the Linnean Society* 86(4): 367-389, 1 fig., 2 tabs. ([14] April) [*Danaus erippus* (Cramer); biochemistry; Brazil]
1987. 'MONCON 2' - The second international conference on the Monarch butterfly. *Antenna* 11(1): 18-21 (January) [general; report on meeting]
- 2009a. See Janzen, D. H. et al., 2009.
- 2009b. See Regier, J. C. et al., 2009.
2011. See Nieukerken, E. J. van et al., 2011.
- Kitching, Ian James, Phillip Ronald Ackery and Richard Irwin Vane-Wright**
1993. Systematic perspectives on the evolution of the Monarch butterfly. *Science Series. Natural History Museum of Los Angeles County* 38: 11-16, 2 figs. (18 February) [*Danaus plexippus* (Linnaeus)]
- Kitching, Roger Laurence** [1945- ]
1981. *The geography of the Australian Papilionoidea*, pp. 979-1005, 2 pls., 3 figs., 9 tabs. In: Keast, A. (Ed.), *Ecological Biogeography of Australia*. The Hague, Junk. [general; South America]
- Kitching, Roger Laurence, and B. M. Kitching**
1973. Notes on a collection of butterflies from western Mexico. *Entomologist* 106(1327): 269-276 (December) [general]
- Kite, Geoffrey C.**
1995. See Scofield, A. M. et al., 1995.
- Kivirikko, Erkki** [1905-1970]
1936. Beobachtungen über die Tagfalterfauna (Lep., Diurna) des Territoriums Misiones (Rep. Argentina) in der Zeit 5.V.-20.VI.1928. *Annales entomologici fennici* 2(2): 49-63, 1 pl., 6 figs. (10 May) [general; new taxa: *Taygetis ypthima* aberration *lineata*, *Precis lavinia* aberration *obscurata*, *Anaea stheno* form *coerulescens*, *Miltomiges obrepta*, *Lycas argenteus* aberration *albomarginata*]
- Kjeller, Andreas** [1789-1835]
1833. *Fauna cayenensis* [Thesis]. Upsaliae, Palmblad et C. 12 pp. (4 June) [general]
- Klaczko, Louis Bernard**
2011. See Jorge, L. do R. et al., 2011.
- Klasmer, Beatriz Paula**
1985. *Localización de dos insectos perjudiciales para el eucalipto en la Provincia de Corrientes (Argentina): Pyrrhopyge pelota Plötz, 1878 [sic] (Lepidoptera [sic], Hesperidae, Pyrrhopyginae) y Colaspoides vulgata Léf. (Coleoptera [sic], Chrysomelidae)*. Resistencia, CIBAGRO / IFONA. 35 pp., 17 figs., 2 tabs., 1 graph [life history; host plant; parasitoids; pathogen]

2002. See Botto, E. N. et al., 2002.
- Kleckner, Kaylin**  
2019. See Nakahara, S. et al., 2019b.
- Kleemann, Christian Friederich Carl** [1735-1789]  
1761-76. *Beiträge zur Natur- oder Insecten-Geschichte und mit Farben erleuchteten Kupfertafeln, sammt deren Erklärung. Erster Theil.* Nürnberg, Christian Friederich Carl Kleemann. 376 pp., 44 pls. [general]  
1792. *Beiträge zur Natur- und Insecten-Geschichte. Erster Theil, worinnen verschiedene Papilions mit ihren Ursprunge, Verwandlungen und allen wunderbaren Eigenschaften, aus eigener Erfahrung beschrieben, und in accuraten, sauber illuminierten Kupferstichen nach dem Leben abgebildet worden. Als ein Anhang zu den Röselschen Insecten-Belustigungen.* Nürnberg, Gabriel Richard Raspe. 376 pp., 48 pls. [the title-page, pp. (iv) + 16, 377-404, and the frontispiece, were published by C. Schwarz in the second edition, 1793] [general]
- Klein, André Luis, and Aldo Mellender de Araújo**  
2010. Courtship behavior of *Heliconius erato phyllis* (Lepidoptera, Nymphalidae) towards virgin and mated females: conflict between attraction and repulsion signal? *Journal of Ethology* 28(3): 409-420, 4 figs., 4 tabs. (September; published online 16 March) [Brazil]  
2013. Sexual size dimorphism in the color pattern elements of two mimetic *Heliconius* butterflies. *Neotropical Entomology* 42(6): 600-606, 1 fig., 4 tabs. (December; published online 23 August) [*H. erato phyllis* (Fabricius), *H. besckei* Ménétrés; Brazil]
- Klein, Carlos, and Luciano E. Campos**  
1978. Biocenosis del tamarugo (*Prosopis tamarugo* Philippi) con especial referencia de los artrópodos fitófagos y sus enemigos naturales. *Zeitschrift für angewandte Entomologie* 85: 86-108, 7 figs., 3 tabs. [*Leptotes trigemmatum* Butler; life history, host plants, parasitoids, predators; Chile]
- Klein, Carlos, and Douglas Frew Waterhouse**  
2000. *The distribution and importance of arthropods associated with agriculture and forestry in Chile.* Canberra, Australian Centre for International Agricultural Research. 234 pp., 1 fig., 63 tabs. [general; host plants]
- Klein, Michael W., and David K. Faulkner**  
2003. Hermes copper (*Lycaena (Hermeycaena) hermes*): An update on this unique species. *News of the Lepidopterists' Society* 43(5): 96-98, 2 figs. (1 October) [life history; host plant; Mexico]
- Klein, Philipp**  
2018. See Dolle, P. et al., 2018.
- Kleinschmidt, Otto** [1870-1954]  
1926. *Die Formenkreislehre und das Weltwerden des Lebens.* Halle, Gebauer-Schwetschke. ix + 188 pp., 16 pls., 50 figs. [English ed., 1930] [general; evolution; mimicry]
- Kleisner, Karel**  
2018. See Stella, D. et al., 2018.
- Kleisner, Karel, and Selahattin Adil Saribay**  
2019. The dual nature of mimicry: Organismal form and beholder's eye. *Biosemiotics* 12(1): 79-98, 6 figs. (April; published online 29 September) [general]
- Kliejunas, John T., Borys M. Tkacz, Harold H. Burdsall, Jr., Gregg A. DeNitto, Andris Eglitis, Dennis A. Haugen and William A. Wallner**  
2001. Pest risk assessment of the importation into the United States of unprocessed *Eucalyptus* logs and chips from South America. *General technical Report. Forest Products Laboratory. Forest Service. United States Department of Agriculture FPL-GTR-124:* i-viii, 1-134, 10 figs., 13 tabs. (April) [*Euselasia apisaon* (Dalman), *E. eucerus* (Hewitson), *Pyrrhopyge pelota* Plötz; host plants; Argentina, Brazil]
- Klimaitis, Cristian Leonel** [1983- ]  
2003. See Klimaitis, J. F. & C. L. Klimaitis, 2003.  
2013. See Núñez, E. O. et al., 2013.  
2016. See Núñez, E. O. et al., 2016.  
2018a. See Klimaitis, J. F. et al., 2018a.  
2018b. See Klimaitis, J. F. et al., 2018b.  
2019. See Klimaitis, J. F. et al., 2019.
- Klimaitis, Juan Francisco** [1945- ]  
2000. *Cien mariposas argentinas.* Buenos Aires, Editorial Albatros. 128 pp., figs. (April) [general; host plants; behavior; distribution; Argentina]  
2013. See Núñez, E. O. et al., 2013.  
2016. See Núñez, E. O. et al., 2016.
- Klimaitis, Juan Francisco, and Cristian Leonel Klimaitis**  
2003. Del escritorio al campo. 7. Mariposas del litoral. *Vida Silvestre* (Buenos Aires) 85: 4 pp., figs. [general; Argentina]
- Klimaitis, Juan Francisco, Flavio Nicolás Moschione and Cristian Leonel Klimaitis**  
2018a. *Maravillas aladas de Argentina. Mariposas de la Puna a la Patagonia. Catálogo visual de campo.* Córdoba, ECOVAL Ediciones. 260 pp., figs. (April) [general; Argentina]
- Klimaitis, Juan Francisco, Ezequiel Osvaldo Núñez, Cristian Leonel Klimaitis and Roberto Mario Güller**  
2018b. *Mariposas de Argentina. Guía de identificación. Butterflies of Argentina. Identification guide.* Buenos Aires, Vázquez Mazzini Editores. 328 pp., figs. (October) [general]  
2019. *Presentación del libro Mariposas de Argentina*, p. 99. In: Guarín, J. H., C. E. Giraldo & J. L. Jaramillo (Eds.), *Memorias & Resúmenes. Congreso Sociedad Colombiana de Entomología.* Medellín, Sociedad Colombiana de Entomología. (July) [general]
- Kling, Martina**  
2008. See Häuser, C. L. et al., 2008.
- Klitzke, Clécio Fernando**  
1990a. See Brown, K. S., Jr., J. R. Trigo, P. C. Motta et al., 1990.  
1990b. See Brown, K. S., Jr., J. R. Trigo, R. B. Francini et al., 1990.  
1991. See Brown, K. S., Jr. et al., 1991.  
1995. See Brown, K. S., Jr. et al., 1995.
- Klitzke, Clécio Fernando, and Keith Spalding Brown, Jr.**  
2000. The occurrence of aristolochic acids in neotropical troidine swallowtails (Lepidoptera: Papilionidae). *Chemoecology* 10(2): 99-102, 1 fig., 1 tab. (June) [general]
- Klots, Alexander Barrett** [1903-1989]  
1923. A new race of *Eurema proterpia* (Fabricius) (Lepid.: Pieridae). *Entomological News* 34(10): 301 (15 December) [*E. p. watsonia*; Ecuador]  
1928a. A revision of the genus *Eurema* (Lep. Pieridae). Part I. New World species, morphology and phylogeny. *Journal of the New York entomological Society* 36(1): 61-79, pls. 2-4 (11 May) [general]  
1928b. A phylogenetic study of the genus *Teriocolias* Roerber (Lepidoptera, Pieridae). *Journal of the New York entomological Society* 36(2): 113-116, pl. 5 (2 August) [general]  
1929a. A revision of the genus *Eurema* Hübner (Lepidoptera, Pieridae). Part II. New World species, taxonomy and synonymy. *Entomologica americana* 9(3): 99-163, 4 pls. (28 May) [general; new taxa: *E. pseudomorpha*, *E. priddyi forbesi*, *E. jucunda* female form *pallidula*, *E. arbela elsia*,

- E. xanthochlora pomponia* female form *marjoria*, *E. mexicana* aberration *recta*; Neotropics]
- 1929b. The genus *Anteos* Hübner (Lepidoptera, Pieridae). *Bulletin of the Brooklyn entomological Society* 24(3): 134-142, pl. 20 (6 September) [general]
- 1929c. The generic status of *Catopsilia* Hübner and *Phoebis* Hübner, with a discussion of the relationship of the species and the homologies of the male genitalia (Lepidoptera, Pieridae). *Bulletin of the Brooklyn entomological Society* 24(4): 203-214, pls. 22-23 (26 October) [general]
- 1929d. Further notes on *Eurema* Hübner (Pieridae). *Bulletin of the Brooklyn entomological Society* 24(4): 214-216 (26 October) [general]
- 1930a. A new subspecies of *Ascia monuste* (L.) from Lower California (Lepidoptera, Pieridae). *Pan-Pacific Entomologist* 6(4): 145-147, 1 pl. (3 May) [*A. m. raza*; Mexico]
- 1930b. A generic revision of the Euchloini. *Bulletin of the Brooklyn entomological Society* 25(2): 80-95, pl. 6 (10 May) [general]
- 1930c. On the naming of individual variants in Lepidoptera. *Entomological News* 41(9): 298-302 (7 November), (10): 324-328 (26 December) [*Heliconius melpomene* (Linnaeus)]
1933. A generic revision of the Pieridae (Lepidoptera). Together with a study of the male genitalia. *Entomologica americana* 12(3): 139-204 (8 February), (4): 205-242, pls. 5-13 (8 February) [general; new subgenera: *Patia*, *Glennia*, *Pieriballia*; Neotropics]
1936. The interrelationships of the species of the genus *Lycaena* Fabricius (Lepidoptera, Lycaenidae). *Bulletin of the Brooklyn entomological Society* 31(4): 154-171, pls. 8-9 (8 October) [general]
1937. Costal vein in Pieridae. *Canadian Entomologist* 69(2): 48 (6 March) [general]
1948. Notes on the genus *Eurema* (Pieridae) in the United States. *Lepidopterists' News* 2(5): 51-53 (30 June) [Mexico, Central America, West Indies]
1951. *A field guide to the butterflies of North America, east of the Great Plains*. Boston, Houghton Mifflin Company. xvi + 349 pp., 40 pls., 9 figs., 1 map. [general]
1957. *Vie et moeurs des papillons*. Paris, Horizons France. 205 pp., 24 + 64 pls. [other editions in English, German and Spanish] [general; morphology; classification; host plants; eggs, larvae, pupae, imagines; behavior; ecology; parasitoids and predators; mimicry; Neotropics]
1958. A monograph of the Ithomiidae (Lepidoptera), Part 1. By Richard M. Fox. 1956. *Quarterly Review of Biology* 33(1): 76-77 (March) [general; book review]
1963. On the character of color. *Natural History* (New York) 72(6): 30-39, figs. (June-July) [general; anatomy; Neotropics]
1969. See Dos Passos, C. F. & A. B. Klots, 1969.
1971. Notes on the life history of *Zestusa dora* (W. H. Edwards) (Lepidoptera: Hesperidae). *Journal of the New York entomological Society* 79(2): 84-88 (24 June) [Mexico]
1976. *Butterflies of the World*. New York, The Ridge Press, Inc. 159 pp., figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; mimicry; Neotropics]
- Klots, Alexander Barrett, and Cyril Franklin Dos Passos**
1982. Studies of North American *Erora* (Scudder) (Lepidoptera, Lycaenidae). *Journal of the New York entomological Society* 89(4): 295-331, 34 figs. (19 February) [Mexico, Costa Rica]
- Klots, Alexander Barrett, and Bernard W. Heineman**
1957. The identity of *Papilio nise* Cramer, 1775 (Lepidoptera: Pieridae) and a neotype designation for this nominal species. *Proceedings of the royal entomological Society of London* (B) 26(11/12): 206-214, 1 pl. (31 December) [Jamaica]
- Klug, Johann Christoph Friedrich** [1775-1856]
1829. *Preiss-Verzeichniss vorräthige Insectendoubletten des königl. zoologischen Museums der Universität Berlin*. Berlin. 18 pp. [general]
1836. *Neue Schmetterlinge der Insekten-Sammlung des königl. zoologischen Musei der Universität zu Berlin*. Berlin. 1: 8 pp., 5 pls. [*Argynnis euryale*, *Nymphalis harmonia*; Mexico]
1851. [A note]. *Bericht über die zur Bekanntmachung geeigneten Verhandlungen der königlichen preussischen Akademie der Wissenschaften zu Berlin* 1850: 426. [*Catagramma* spp., *Eucheira socialis* Westwood]
- Kluge, Arnold F.**
1971. See Eisner, T. et al., 1971.
- Kluge, Jürgen**
2011. See Laurance, W. F. et al., 2011.
- Kluge, Robert L.**
1993. See Caldwell, P. M. & R. L. Kluge, 1993.
2002. See Zachariades, C. et al., 2002.
- Kluk, Krzysztof** [1739-1796]
1780. *Zwierząt domowych i dzikich, osobliwie kraioowych, Historji Naturalney początki, i gospodarstwo. Potrzebnych i pozytecznych domowych chowanie, rozmnozenie, chorob leczenie, dzikich łowienie, oswoienie, Zazycie; szkodliwych zas wygubienie. Tom IV. Z figurami. O owadzie i robakach*. Warszawa, J. K. Mości. [4] + 500 pp., 9 pls. [Ed. 2, 1802] [general; new genera: *Heliconius*, *Danaus*, *Nymphalis*, *Plebejus*]
- Klunder, Harmke**
2013. See Huis, A. van et al., 2013.
- Knab, Frederick** [1865-1918]
1909. Migrations of *Athena chiron* Fabricius. *Entomological News* 20(4): 154 ([5] April) [Mexico]
- Knapp, Sandra** [1956- ]
1999. *Footsteps in the forest. Alfred Russel Wallace in the Amazon*. London, The Natural History Museum. [vi] + 90 pp., figs. [general; history; Brazil]
2010. The butterfly hunter: Henry Walter Bates FRS 1825-1892 by Anthony Crawforth. 2009. *Biological Journal of the Linnean Society* 100(2): 482-483 (June; published online 19 May) [general; book review]
2017. See Silva, D. L. de et al., 2017.
- Knapp, Sandra, and James Louis Borlase Mallet**
1985. Two new species of *Passiflora* (Passifloraceae) from Panama, with comments on their natural history. *Annals of the Missouri botanical Garden* 71(4): 1068-1074, 3 figs. ([14 May]) [*Eueides lineata* Salvin & Godman; host plant; Costa Rica]
1998. A new species of *Passiflora* (Passifloraceae) from Ecuador with notes on the natural history of its herbivore, *Heliconius* (Lepidoptera: Nymphalidae: Heliconiiti). *Novon* 8(2): 162-166, 3 figs. (15 July) [*H. telesiphe* (Doubleday)]
2003. Refuting refugia? *Science* 300(5616): 71-72, 2 figs. (4 April) [general; biogeography]
- Knapp, Sandra, Viveca Persson and Stephen Blackmore**
1997. A phylogenetic conspectus of the tribe Juanulloae (Solanaceae). *Annals of the Missouri botanical Garden* 84(1): 67-89, 12 figs., 4 tabs. [*Olyras*, *Eutresis*, *Melinaea*; host plants]
- Knight, Kathryn**
2016. Making *Morpho* butterflies blue. *Journal of experimental Biology* 219(24): 3823-3824, 1 fig., 1 fig. (15 December) [general; morphology]

2017. For *Heliconius*' eyes only. *Journal of experimental Biology* 220(7): 1163-1664, 1 fig. (1 April) [*H. erato petiverana* Doubleday; behavior]
- Knight, Kenneth Lee** [1915-2001]  
1941. A migratory flight of *Phoebis agarithe* Bd. (Lepid.: Pieridae). *Entomological News* 52(10): 274-275 ([30] December) [Mexico]
- Knight, Paul** [1899- ]  
1944. Pestes que afectan algunos cultivos alimenticios. *Informaciones técnicas. Servicio cooperativo interamericano de Producción de Alimentos. Ministerio de Agricultura* (Lima) 5: 1-15 (April) [general; Peru]
- Knisbacher, Binyamin A.**  
2019. See Ray, D. A. et al., 2019.
- Knop, Theodor**  
1925. *Castnia amazona* nov. spec. und *Papilio androgeus* (Cr.) nov. var. *fassli*. *Entomologische Zeitschrift* 39(11): 42-43 (20 June) [Colombia, Brazil]
- Knopp, Michael Curt Nikolaus, and Harald Wolfgang Krenn**  
2003. Efficiency of fruit juice feeding in *Morpho peleides* (Nymphalidae, Lepidoptera). *Journal of Insect Behavior* 16(1): 67-77, 3 figs., 2 tabs. (January) [host plant; behavior]
- Knorr, Georg Wolfgang** [1705-1761]  
1754-66. *Deliciae naturae selectae, oder auserlesenes Naturalien-Cabinet, welches aus den drey Reichen der Natur zeigt was von curiosen Liebhabern aufbehalten und gesammelt zu werden verdienet*. Nürnberg, Knorrs Erben. 1: [28] + viii + 132 pp., 38 pls. [Ed. 2, 1778; also editions in Dutch, 1771, and French, 1779] [general]
- Knoth, Max Friedrich August** [1863-1937]  
1918. [A note]. *Internationale entomologische Zeitschrift* 12(1): 7-8 (6 April) [Papilionidae; South America]
- Knowles, Denis O'Keeffe**  
2012. See Rozycki, R. M. & D. O. Knowles, 2012.  
2019. See Rozycki, R. M. & D. O. Knowles, 2019.
- Knowles, Denis O'Keeffe, and David Spencer Smith**  
1995. First records of *Parachoranthus magdalia* (Hesperiidae) from the Bahamas, and extension of the Bahamian range of *Battus devilliers* (Papilionidae). *Journal of the Lepidopterists' Society* 49(1): 91-94, 2 figs. (2 March)  
1996. Two new butterfly sightings. *Bahamas Journal of Science* 3(2): 30-32, 2 figs. (June) [reprinted from *Journal of the Lepidopterists' Society* 49(1): 91-94; 1995] [*Parachoranthus magdalia* (Herrich-Schäffer), *Battus devilliers* (Godart)]
- Knudsen, Helle, and Jens M. Olesen**  
[1998]. Butterfly communities of a Costa Rican moist forest. *Brenesia* (San José) 45/46: 189-194, 2 figs., 4 tabs. ("March-September 1996" [1998]) [general]
- Knudson, Edward C.** [ -2018]  
1976. See Bennett, R. & E. C. Knudson, 1976.  
2000. See Bordelon, C. W., Jr. & E. C. Knudson, 2000.  
2002. See Bordelon, C. W., Jr. & E. C. Knudson, 2002.  
2003a. See Bordelon, C. W., Jr. & E. C. Knudson, 2003.  
2003b. See Hanson, D. J. et al., 2003.  
2003c. See Warren, A. D. et al., 2003.  
2005a. See Basham, B. et al., 2005.  
2005b. See Dauphin, J. et al., 2005.  
2006. See Bordelon, C. W., Jr. & E. C. Knudson, 2006.  
2007. See Bordelon, C. W., Jr. & E. C. Knudson, 2007.  
2009. See Bordelon, C. W., Jr. & E. C. Knudson, 2009.  
2011. See Bordelon, C. W., Jr. & E. C. Knudson, 2011.
- Knudson, Edward C., Charles William Bordelon, Jr. and Andrew David Warren**  
2004. *Antigonus erosus* Hübner (Hesperiidae, Pyrginae), a new US record from South Texas. *News of the Lepidopterists' Society* 46(4): 111-113, 6 figs. (15 November) [Mexico]
- Kobayashi, Masahiko**  
1993. See Peigler, R. S. et al., 1993.
- Koçak, Ahmet Ömer** [1947- ]  
1980. Changes in the generic names of some West-Palaeartic Lepidoptera (Part 1). *Communications de la Faculté des Sciences de l'Université d'Ankara* (C) 24(3): 27-41. [*Synchloe autodice* Hübner, *Papilio claudia* Cramer; nomenclature]  
1981. On the status of the family names Nymphalidae and Heliconiidae described by Swainson in 1827 (Lepidoptera). *Priamus* 1(2): 93-96 (9 December) [nomenclature]  
1983a. More notes on the homonymy of the specific names of Lepidoptera. *Priamus* 2(4): 164-166 (10 January) [new name: *Papilio cacicus nesrinae*; Colombia]  
1983b. More notes on the homonymy of the specific names of Lepidoptera. *Priamus* 3(1): 38-39 (12 July) [*Papilio arcas* Cramer, *Parides eurimedes* (Cramer)]  
1984. Notes on the names published in "A catalogue/checklist of the butterflies of America north of Mexico" by L. D. Miller & F. M. Brown in 1981. *Priamus* 3(3): 93-97 (25 January) [general; nomenclature]  
2007. See Kemal, M. & A. Ö. Koçak, 2007.
- Koçak, Ahmet Ömer, and Muhabbet Kemal**  
2015. Annotated list of the lepidopterological taxa in the info-system of the Cesa. Part I. *Memoirs. Centre for entomological Studies Ankara* 7: 1-4792, 1 tab. (10 December) [general; Neotropics]
- Koch, Gabriel** [1807-1881]  
1854. *Die geographische Verbreitung der europäischen Schmetterlinge in anderen Welttheilen*. Leipzig, Hermann Costenoble. iv + 154 pp. [Ed. 2, 1857] [general]  
1860a. Entwurf einer Aenderung des Systems der Lepidopteren. *Stettiner entomologische Zeitung* 21(4/6): 226-235 (April-June) [general]  
1860b. Berichtigung. *Stettiner entomologische Zeitung* 21(10/12): 420 (October-December) [general]  
1865. *Die indo-australische Lepidopteren-Fauna in ihrem Zusammenhang mit der europäischen nebst den drei Hauptfaunen der Erde*. Leipzig, Ludwig Denicke. xii + 119 + [1] pp., frontisp. [Ed. 2, 1873] [general]  
1869-70. Die geographische Verbreitung der Schmetterlinge über die Erde. *Petermann's geographische Mittheilungen* 16(1): 20-25, pl. 2 (21 December 1869), (2): 52-57 (17 January 1870) [general]  
1871. Ueber die geographische Verbreitung der Schmetterlinge und die drei Hauptfaunen der Erde. *Ausland* 44: 31-37. [general]  
1872. Beiträge zur geographischen Verbreitung der Schmetterlinge im Allgemeinen und der australischen Fauna Insbesondere. *Ausland* 45(29): 680-682 (15 July), (30): 705 709 (22 July) [general]
- Koch, Manfred** [1901-1972]  
[1955]. *Prächtige Falter vom Amazonas*. Leipzig, Neumann Verlag. 40 pp., figs. [*Das Kleine Farbbildbuch*, 5] [general]
- Koch-Grünberg, Theodor** [1872-1924]  
1906. Die Maskentanze der Indianer des oberen Rio Negro und Yapura. *Archiv für Anthropologie* (N.F.) 4(4): 293-298, 5 figs. [*Morpho* sp.; ethnology; Brazil]
- Kochalka, John A., Delia Torres, Bolívar Garcete and Carlos Aguilar**  
1996. *Lista de invertebrados de Paraguay pertenecientes a las colecciones del Museo Nacional de Historia Natural del Paraguay*, pp. 69-283. In: Romero, M. (Ed.), *Colecciones de flora y fauna del Museo Nacional de Historia Natural*

del Paraguay. San Lorenzo, Museo Nacional de Historia Natural del Paraguay (February) [general]

**Kodama, Cássio**

2010. See Lima Junior, I. dos S. de et al., 2010.

**Kodandaramaiah, Ullasa**

2006. See Peña, C. et al., 2006.

2009a. Eyespot evolution: phylogenetic insights from *Junonia* and related butterfly genera (Nymphalidae: Junoniini). *Evolution & Development* 11(5): 489-497, 4 figs. (October; published online 10 September) [general]

2009b. See Wahlberg, N. et al., 2009b.

2016. See Sahoo, R. K. et al., 2016

2017. See Sahoo, S. K. et al., 2017.

2018. See Sahoo, R. K. et al., 2018.

**Kodandaramaiah, Ullasa, Michael F. Braby, Roger Grund, Chris J. Müller and Niklas Wahlberg**

2018. Phylogenetic relationships, biogeography and diversification of Coenonymphina butterflies (Nymphalidae: Satyrinae): intercontinental dispersal of a southern Gondwanan group? *Systematic Entomology* 43(4): 798-809, 2 figs., 1 tab. (October; published online 21 June) [general]

**Kodandaramaiah, Ullasa, Patrik Lindenfors and Birgitta S. Tullberg**

2013. Deflective and intimidating eyespots: a comparative study of eyespot size and position in *Junonia* butterflies. *Ecology and Evolution* 3(13): 4518-4524, 5 figs. (November; published online 16 October) [general]

**Kodandaramaiah, Ullasa, Carlos Peña, Michael F. Braby, Roger Grund, Chris J. Müller, Sören Nylin and Niklas Wahlberg**

2010. Phylogenetics of Coenonymphina (Nymphalidae: Satyrinae) and the problem of rooting rapid radiations. *Molecular Phylogenetics and Evolution* 54(2): 386-394, 3 figs., 1 tab. (February; published online 15 August 2009) [*Oressinoma*; Neotropics]

**Kodandaramaiah, Ullasa, Adrian Vallin and Christer Wiklund**

2009. Fixed eyespot display in a butterfly thwarts attacking birds. *Animal Behaviour* 77(6): 1415-1419, 3 figs. (June; published online 10 April) [*Junonia*]

**Kodandaramaiah, Ullasa, and Niklas Wahlberg**

2007. Out-of-Africa origin and dispersal-mediated diversification of the butterfly genus *Junonia* (Nymphalidae: Nymphalinae). *Journal of Evolutionary Biology* 20(6): 2181-2191, 5 figs. (November; published online 20 September) [general; biogeography; Neotropics]

2009. Phylogeny and biogeography of *Coenonympha* butterflies (Nymphalidae: Satyrinae) – patterns of colonization in the Holarctic. *Systematic Entomology* 34(2): 315-323, 3 figs., 1 tab. (April; published online 22 January) [*Oressinoma typha* Doubleday, *O. sorata* Salvin & Godman; Ecuador, Peru]

**Köhler, Franz**

1900. Die Duftschuppen der Gattung *Lycaena*, auf ihre Phylogenie hin untersucht. *Zoologische Jahrbücher (Systematik)* 13(2): 105-124, pls. 12-14 (12 March) [general]

**Köhler, Paul Emil [1894-1981]**

1923. Fauna argentina. Lepidoptera e collectione Alberto Breyer. I. Teil. Rhopalocera. Systematischer Katalog und Studien, Berichtigungen u. Neubeschreibungen. *Zeitschrift für wissenschaftliche Insektenbiologie* 18(12)(Sonderbeilage): 1-34, 3 pls., 6 maps (15 December) [general; new taxa: *Tatochila volxemi* female variety *fulva*, *Pieris guarani*, *Terias thymetus* form *cordobensis*, *Catopsilia eubule* form *giacomellii*, *Colias*

*lesbia* form *obscura*, *C. l.* female form *flaveola*, *C. l.* female form *maculata*, *C. l.* female form *micans*, *Hirsutis virginalis*, *Hypanartia bella* form *montana*, *Anartia jatrophae* variety *pallida*, *Haematera pyramus* form *decolorata*, *Nelone incoides* form *privata*, *Hamearis notialis* form *guayapensis*, *H. guayapensis*]

1926a. Los pigmentos alares. *Revista de la Sociedad entomológica argentina* 1(2): 45-49 (31 December) [*Dione vanillae* (Linnaeus)]

1926b. Sobre mimetismo en lepidópteros. *Revista de la Sociedad entomológica argentina* 1(2): 49-54 (31 December) [general]

1927a. Biología de *Chlosyne saundersi* Dbl. & Hew. *Revista de la Sociedad entomológica argentina* 1(5): 3-4, pl. 2 (1 November) [Argentina]

1927b. Biología de *Cobalus cannae* Her. Sch. *Revista de la Sociedad entomológica argentina* 1(5): 11-12, pl. 4, 1 fig. (1 November) [Argentina]

1927c. Biología de *Calpododes ethlius* Cr. Papil Exot 4. Tab. 392. *Revista de la Sociedad entomológica argentina* 1(5): 17-18, pl. 3, 2 figs. (1 November) [Argentina]

1927d. La oruga de *Phyciodes claudia*. *Revista de la Sociedad entomológica argentina* 1(5): 21 (1 November) [Argentina]

1928. El género *Hamearis*. Sus especies argentinas. *Revista de la Sociedad entomológica argentina* 2(1): 21-26, pls. 2-3 (31 July) [general]

1929a. Las mariposas argentinas. Danaidae. *Revista de la Sociedad entomológica argentina* 2(1): 303-332, pls. 1-6 (15 December) [general; new taxa: *Calloleria nise tucumana*, *Leucothyris iguazuensis*, *Episcada clausina argentina*, *E. c. posadensis*, *E. burmeisteri*, *Velamysta breyeri*, *Danais erippus* aberration *larensis*; host plants; life histories]

1929b. Adición al catálogo de los lepidópteros argentinos. *Revista de la Sociedad entomológica argentina* 2(6): 339-340 (15 December) [general]

1930a. Notas sobre Satyridae chilenos. *Revista chilena de Historia natural* 33: 375-376 ("1928", 27 February 1930) [general]

1930b. Apuntes biológicos. *Revista de la Sociedad entomológica argentina* 3(1): 63-66 (31 July) [*Colias lesbia* (Fabricius); host plant; Argentina]

1934a. Dos lepidópteros argentinos nuevos. *Revista de la Sociedad entomológica argentina* 6(1): 39-40, 2 figs. (30 May) [*tylos grata*]

1934b. Catálogo preliminar de los lepidópteros argentinos dañinos. *Boletín del Ministerio de Agricultura de la Nación* (Buenos Aires) 36(1): 25-46. [general; host plants]

1935. Prodrómus Satyridae (Lep.) argentinos. *Revista de la Sociedad entomológica argentina* 7: 209-217, pls. 17-19 (14 November) [general; new taxa: *Euptychia celmis* aberration *inocellata*, *E. phares* aberration *subclara*, *E. p.* aberration *coeca*, *E. euphares*, *Cosmosatyrus tandilensis*, *Epinephele coctei* variety *confusa*]

1939. Especies [sic] nuevas de Satyridae y complemento a mi "Prodrómus". *Physis* (Buenos Aires) 17(49): 443-447 (31 May) [general; new taxa: *Pseudomaniola salomonis*, *Epinephele nycteropus andensis*, *E. yacantoensis*, *E. euptychioides*; Argentina]

1945. Melanismos naturales en lepidópteros argentinos. *Revista de la Sociedad entomológica argentina* 12(4): 253-256, pl. 20 (28 February) [new aberrations: *Pyrameis carye* aberration *bruchii*, *P. huntera* aberration *dallasi*, *Phyciodes janthe* aberration *schaeferi*]

1958. Bases para la lucha en gran escala contra las orugas en los campos de lino y alfalfa en la Argentina. *Proceedings of the 10th international Congress of Entomology*

- (Montreal) 3: 363-365 (December) [*Colias lesbia* (Fabricius)]
- Köhler, Paul Emil, and Emilio Victorio Gemignani**  
1932. Los lepidópteros del Museo Nacional de Historia Natural "Bernardino Rivadavia". *Revista de la Sociedad entomológica argentina* 5(1): 67-72 (31 July) [general; Papilionidae; Neotropics]
- Köhler, Paul Emil, and Ricardo Strassberger**  
1928. *Catálogo de lepidópteros argentinos. Enumeración sistemática de lepidópteros diurnos y parte de nocturnos (de Sphingidae hasta Noctuidae (Heliothinae))*. Buenos Aires, Publicaciones Breyer. 12 pp. (December) [general]
- Koehn, Richard K.**  
1979. See Eanes, W. F. & R. K. Koehn, 1979.
- König, Fritz [1922- ]**  
1960. Die Morphos von Chanchamayo (Peru). *Entomologische Zeitschrift* 70(9): 98-101, 2 figs. (1 May) [general; ecology; behavior; life histories]  
1972. Lebensraum und Lebensweise der *Catasticta* in Mittelperu. (Lep., Pieridae). *Entomologische Zeitschrift* 82(12): 129-133, 3 figs. (15 June) [general]  
1977. See Baumann, H. et al., 1977.  
1983a. Über das bislang unbekanntes Weibchen von *Morpho absoloni* May (Lep.: Morphidae). *Entomologische Zeitschrift* 93(10): 140-141, 1 fig. (16 May) [Peru]  
1983b. Das wenig bekannte Weibchen von *P. warscewiczii mercedes* R. & J. und eine neue Männchen-Form von *P. cacicus* Luc. (Lepidoptera, Papilionidae). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 34(3/4): 120-122, 8 figs. (May) [Peru]  
1984. Die Papilionidae Perus, mit besonderer Berücksichtigung des Chanchamayogebietes (Lep.: Papilionidae). *Atalanta* 15(1/2): 124-146, 10 figs. (June) [general]  
1986. Ein *Heliconius erato himera*-Hybrid aus Nord-Peru (Lepidoptera, Heliconiinae). *Zeitschrift der Arbeitsgemeinschaft österreichischer Entomologen* 38(1/2): 49-50, 2 figs. (November)  
1990. Neue Freiland-*Papilio*-Hybriden aus Nord-Peru. *Atalanta* 21(1/2): 83-85, 4 figs. (October) [*P. cacicus* Lucas, *P. warscewiczii jelski* Oberthür, *P. euterpinus* Salvin & Godman]  
2004a. Einige interessante Tagfalter aus Nord-Peru (Lepidoptera, Rhopalocera). *Neue entomologische Nachrichten* 57: 209-210, pls. 15-18a (July) [general]  
2004b. Ein *Heliconius*-Freilandhybrid und das bislang unbekanntes ♀ von *Catasticta anaitis felicitas* Eitschberger & Racheli, 1998 (Lepidoptera, Heliconidae [sic] et Pieridae). *Neue entomologische Nachrichten* 57: 211, pl. 18b (July) [*H. telesiphe* Doubleday; Peru]
- Koga, Nilce Yoshika**  
1983. See Villas Bôas, G. L. et al., 1983.
- Kogan, Marcos [1933- ], and Samuel Guy Turnipseed**  
1987. Ecology and management of soybean arthropods. *Annual Review of Entomology* 32: 507-538, 1 fig., 1 tab. [*Urbanus proteus* (Linnaeus); Central and South America]
- Koh, Lian Pin, and Duncan N. L. Menge**  
2006. Rapid assessment of Lepidoptera predation rates in Neotropical forest fragments. *Biotropica* 38(1): 132-134, 1 fig. (January; published online 7 December 2005) [*Anartia fatima* (Fabricius); Panama]
- Kohler, Steve**  
2006. See Scott, J. A. et al., 2006.
- Koi, Sandy**  
2017a. A butterfly picks its poison: Cycads (Cycadaceae), integrated pest management and *Eumaeus atala* Poey (Lepidoptera: Lycaenidae). *Entomology, Ornithology & Herpetology: Current Research* 6(1)(1000191): 1-10, 13 figs., 2 tabs. (22 February)  
2017b. See Ramirez, L. et al., 2017.
- Koiwaya, Satoshi**  
1999. A tentative list of the Theclini of the world. *Nishikaze-Tsushin* 10: 2-12 (January) [*Habrodais poodiae* Brown & Faulkner; Mexico]
- Kolbe, Hermann Julius [1855-1939]**  
1893. *Einführung in die Kenntnis der Insekten*. Berlin, Ferd. Dümmlers Verlagsbuchhandlung. xii + 709 pp., 324 figs. [general]
- Koleff, Patricia, and Elizabeth Moreno**  
2005. Áreas protegidas de México: Regionalización y representación de la riqueza, pp. 351-373, 11 figs., 5 tabs. In: Llorente, J. E. & J. J. Morrone (Eds.), *Regionalización biogeográfica en Iberoamérica y tópicos afines. Primeras Jornadas Biogeográficas de la Red Iberoamericana de Biogeografía y Entomología Sistemática (RIBES XII.I-CYTED)*. México, D.F., Universidad Nacional Autónoma de México (April) [general]
- Kollar, Vincenz [1797-1860]**  
1839. Lepidopterorum Brasiliae species novae iconibus illustratae. *Annalen des wiener Museums der Naturgeschichte* 2: 213-218, pls. 12-13 (January) [*Papilio stilbon*; Brazil]  
1849. *Beiträge zur Insecten-Fauna von Neu-Granada und Venezuela*. Wien, Kaiserlich-königlichen Hof- und Staatsdruckerei. 14 pp., 4 pls. (preprint; after 21 June) [general; new species: *Papilio columbus*, *P. agathokles*, *P. phaenon*, *P. varus*, *P. americanus*, *Morpho sulkowskyi*, *M. peleides*, *M. atreus*, *M. prometheus*, *Euterpe leucodrosime*, *E. radiata*, *E. exclamationis*, *E. chrysolopha*, *Leptalis casta*, *L. (?) penthica* [penthica on plate], *Pieris lypera*, *P. catogramma*, *Colias erythrogrammus* [erythrogrammus on plate], *Terias xantochlora*, *T. deflora*]  
1850. Beiträge zur Insecten-Fauna von Neu-Granada und Venezuela. *Denkschriften der kaiserlichen Akademie der Wissenschaften (Wien) (Mathematisch-naturwissenschaftliche Klasse)* 1(1): 351-364, pls. 42-45 (after May) [general]
- Kolle, Mathias**  
2014. See England, G. et al., 2014.
- Kolmakov, Andrei**  
2015. See Al-Asadi, A. S. et al., 2015.
- Kolterman, Susan F.**  
2018. See Calhoun, J. V. & S. F. Kolterman, 2018.
- Komae, Hisashi, Akihiko Nishi, T. Tanaka, Nanao Hayashi, Chen Wesou and Yoshitoshi Kuwahara**  
1982. Major components in the hair pencil secretions of danaid butterflies from Far East Asia. *Biochemical Systematics and Ecology* 10(2): 181-183, 1 fig., 2 tabs. (30 July) [*Lycorea ceres* (Cramer)]
- Komárek, Stanislav [1958- ]**  
2002. *Mimicry, aposematism, and related phenomena. Mimicry in nature and the history of its study*. München, Lincom. 167 pp., figs. [general]
- Kondla, Norbert G.**  
2001. See Bálint, Z., C.S. Guppy et al., 2001.  
2006. See Scott, J. A. et al., 2006.
- Kongnoo, Pitoon**  
2011. See Basset, Y. et al., 2011.  
2013. See Basset, Y. et al., 2013.
- Konishi, Masayasu**  
1987. See Okumoto, D. et al., 1987.
- Konvička, Martin**

2004. See Fric, Z. F. et al., 2004.
- Koolen, Héctor H. F.**  
2019. See Negreiros, A. A. et al., 2019.
- Koon, Daniel W.**  
1999. Comment on "Butterfly thin films serve as solar collectors". *Annals of the entomological Society of America* 92(4): 459 (July) [*Morpho*; morphology]
- Koone, Harold D., and Alberto Douglas Banegas**  
1958. Entomología económica hondureña. *Boletín técnico. Servicio técnico interamericano de Cooperación agrícola. Ministerio de Recursos naturales* (Tegucigalpa) 6: 1-138, figs. (July) [general; host plants]
- Koong, Victor**  
2012. See Hill, R. I. et al., 2012.
- Koós, Antal A.**  
2008. See Kertész, K. et al., 2008.
- Kopp, Artyom**  
2012. See Kronforst, M. R. et al., 2012.
- Koptur, Suzanne** [1955- ]  
1983a. Flowering phenology and floral biology of *Inga* (Fabaceae: Mimosoideae). *Systematic Botany* 8(4): 354-368, 10 figs., 7 tabs. (October-December) [general; pollination; Costa Rica]  
1983b. *Inga* (*Guaba*, *Guajiniquil*, *Caite*, *Paterno*), pp. 259-261, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [Pieridae, Hesperiiidae; Costa Rica]  
1984. Experimental evidence for defense of *Inga* (Mimosoideae) saplings by ants. *Ecology* 65(6): 1787-1793, 2 figs., 3 tabs. (December) [*Dismorphia amphione praxinoe* Doubleday, *Telemiades antiope* Plötz; Costa Rica]  
1985. Alternative defenses against herbivores in *Inga* (Fabaceae: Mimosoideae) over an elevational gradient. *Ecology* 66(5): 1639-1650, 4 figs., 7 tabs. (October) [*Dismorphia amphione* (Cramer), *D. crisia lubina* Butler, *Telemiades antiope* Plötz, *T. centrites gallius* Mabille; Costa Rica]  
1989. Mimicry of flowers by parasitoid wasp pupae. *Biotropica* 21(1): 93-95, 1 fig. (March) [*Telemiades centrites gallius* Mabille, *Dismorphia crisia lubina* Butler; host plants; Costa Rica]
- Koptur, Suzanne, William A. Haber, Gordon W. Frankie and Herbert George Baker**  
1988. Phenological studies of shrub and treelet species in tropical cloud forests of Costa Rica. *Journal of tropical Ecology* 4(4): 323-346, 12 figs., 1 tab. (November) [general; pollination]
- Kopuchian, Cecilia**  
2017. See Lavinia, P. D. et al., 2017.
- Korb, Stanislav Konstantinovich** [1972- ]  
2002. Notes taxinomiques sur les Rhopalocères. Première partie: les lycènes (Lepidoptera: Lycaenidae). *Alexander* 21(5): 271-273 (31 March) [*Nivalis Balletto*, *Madeleinea Bálint*; nomenclature]  
2014. A catalogue of the type specimens of *Colias* Fabricius, 1807 deposited in the Museum für Naturkunde an der Humboldt-Universität zu Berlin (Lepidoptera, Pieridae). *Amurian zoological Journal* 6(2): 182-206, pls. 9-13, 1 fig. (30 June) [general]
- Kőrösi, Adám**  
2015. See Van Swaay, C. et al., 2015.
- Korstian Jennifer M.**  
2019. See Ray, D. A. et al., 2019.
- Korytkowski, Cheslavo Alberto** [1941-2015]  
1968. *Catálogo del Museo de Entomología*. Lambayeque, Universidad Nacional Pedro Ruiz Gallo. 1(1): iii + 73 pp. (August) [general; Peru]  
1969. *Catálogo del Museo de Entomología*. Lambayeque, Universidad Nacional Agraria del Norte. 1(2): 1-67. [general; Peru]  
1978. See Genty, P. et al., 1978.
- Korytkowski, Cheslavo Alberto, and David Ojeda**  
1970a. Algunos comentarios sobre la fauna insectil de la zona de Pomacochas. *Boletín técnico. Circulo entomológico del Norte* (Lambayeque) 1(2): 19-20, 1 map (August) [general; Peru]  
1970b. *Catálogo del Museo de Entomología*. Lambayeque, Universidad Nacional Pedro Ruiz Gallo. 1(3): i + 95 pp. [general; Peru]
- Korytkowski, Cheslavo Alberto, and Elva R. Ruiz**  
1980. Estado actual de las plagas de palma aceitera (*Elaeis guineensis* Jacquin) en Tananta (Huallaga central, San Martín, Perú). *Revista peruana de Entomología* 22(1): 17-20, 1 fig. ("December 1979", 11 August 1980) [*Brassolis astyra* Godart, *B. sophorae* (Linnaeus), *Opsiphanes* sp.]
- Koshio, Chiharu**  
1997. Insects and researchers in the neotropical rainforest of Panama - wonderful life at the Smithsonian Tropical Research Institute. *Yadoriga* 173: 4-12, 6 figs. (15 December) [In Japanese] [general]
- Koster, Sjaak**  
2011. See Nieuwerkerken, E. J. van et al., 2011.
- Kostikova, Anna**  
2017. See Pellissier, L. et al., 2017.
- Kostiuk, Brenda**  
2015a. See Catling, P. M. & B. Kostiuk, 2015a.  
2015b. See Catling, P. M. & B. Kostiuk, 2015b.
- Kostritsky, León**  
1939. El empleo de los microbios en la lucha contra los insectos nocivos a la agricultura. *Boletín de la Dirección de Agricultura y Ganadería* (Lima) 9(28/31): 81-88, 2 figs. (20 October) [*Pieris monuste* (Linnaeus); host plant; Peru]
- Kottler, August**  
1939. See Schöpf, C. et al., 1939.
- Kotzsch, Hans** [1901-1950]  
1934. Ueber einen *Papilio*-Hybriden. *Entomologische Zeitschrift* 48(5): 35 (8 June) [*P. sesostris* Cramer, *P. orellana* Hewitson; interspecific hybrid: *P. sesostrellana*; Brazil]  
1935. Zwei neue *Morpho hecuba*-Formen. *Entomologische Zeitschrift* 48(23): 178-180, 2 figs. (8 March) [general; *M. h. boyi*, *M. h. priameis*; Colombia, Brazil]  
1936. Ein neuer *Heliconius*. *Entomologische Rundschau* 53(14): 198-199, 1 fig. (22 February) [*H. burneyi* form *miraculosa*; Brazil]  
1939a. Neue Weibform von *Baronia brevicornis* Salv. *Entomologische Zeitschrift* 52(46): 360 (8 March) [*B. b.* female form *pallida*; Mexico]  
1939b. Eine neue *Catagramma*. *Entomologische Zeitschrift* 52(48): 380 (22 March) [general; *C. sigillata*; Peru]
- Kouznetsova, Alexandra**  
2014. Deimatic coloration in owl butterflies. *News of the Lepidopterists' Society* 56(3): 116-121, 4 figs., 1 tab. (August) [*Caligo*; Central and South America]
- Koval, Khrystyna**  
2018. See Livshultz, T. et al., 2018.
- Kovar, Christie**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Kovarik, Peter**  
2005. See Shuey, J. A. et al., 2005.
- Kowalczyk, Manoela, Eduardo Carneiro, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2012. The Lepidoptera associated with forestry crop species in



- Brazil: a historical approach. *Neotropical Entomology* 41(5): 345-354, 4 figs., 2 tabs. (October; published online 6 July) [general; host plants]
- Kozak, Krzysztof M.**  
 2013a. See Nadeau, N. J. et al., 2013.  
 2013b. See Briscoe, A. D. et al., 2013.  
 2015a. See Rosser, N. et al., 2015.  
 2015b. See Merrill, R. M. et al., 2015.
- Kozak, Krzysztof M., Niklas Wahlberg, Andrew Frederic Edwyn Neild, Kanchon Kumar Dasmahapatra, James Louis Borlase Mallet and Christopher David Jiggins**  
 2015. Multilocus species trees show the recent adaptive radiation of the mimetic *Heliconius* butterflies. *Systematic Biology* 64(3): 505-524, 3 figs., 2 tabs. (May; published online 28 January) [general; Neotropics]
- Kozlov, Mikhail Vasilievich**  
 2011. See Nieuwerkerken, E. J. van et al., 2011.
- Kozuka, Yoshimichi**  
 1981. Preliminary observation on the scale ultrastructure of *Ithomia* sp. (Lep. Ithomiidae) by scanning electron microscope. *Tokurana* 2: 55-73, pls. 13-20 (17 December) [Costa Rica]
- Kramer, Valerie R.**  
 2017. See Lehnert, M. S. et al., 2017.
- Krauss, Noel Louis Hilmer** [1910-1996]  
 1966. Biological control investigations on some Hawaiian weeds. *Proceedings of the hawaiian entomological Society* 19(2): 223-231 ("September", [30] November) [*Leptotes cassius theonus* (Lucas), *Lymanas acroleuca* Felder, *Lephelisca* sp., Hesperiiidae; host plants; Cuba, Mexico]
- Krebs, Robert A., and David Armstrong West**  
 1988. Female mate preference and the evolution of female-limited Batesian mimicry. *Evolution* 42(5): 1101-1104, 2 tabs. (13 September) [*Heliconius erato* (Linnaeus)]
- Kremky, Jerzy** [1897-1941]  
 1925. Neotropische Danaiden in der Sammlung des polnischen Naturhistorischen Staatsmuseums in Warschau. *Annales zoologici Musei polonici Historiae naturalis* 4(3): 141-275, pls. 20-28, 193 figs. (1 October) [general; new genera: *Danaomorpha*, *Czakia*, *Parapteronymia*; Central and South America]
- Krenn, Harald Wolfgang** [1958- ]  
 2000. See Penz, C. M. & H. W. Krenn, 2000.  
 2003a. See Knopp, M. C. N. & H. W. Krenn, 2003.  
 2003b. See Eberhard, S. H. & H. W. Krenn, 2003a.  
 2003c. See Eberhard, S. H. & H. W. Krenn, 2003b.  
 2005a. See Eberhard, S. H. & H. W. Krenn, 2005.  
 2005b. See Mollerman, F. et al., 2005.  
 2006. See Borrell, B. J. & H. W. Krenn, 2006.  
 2007. See Eberhard, S. H. et al., 2007.  
 2008a. Feeding behaviours of neotropical butterflies (Lepidoptera, Papilionoidea). *Stapfia* 88: 295-304, 14 figs. [general; Costa Rica]  
 2008b. See Hiki, A.-L. et al., 2008.  
 2009a. See Eberhard, S. H. et al., 2009a.  
 2009b. See Eberhard, S. H. et al., 2009b.  
 2009c. See Eberhard, S. H. & H. W. Krenn, 2009.  
 2009d. Im Restaurant der Schmetterlinge: Nahrungsaufnahme bei Nymphalidae. *Entomologica austriaca* 16: 150. [general; behavior]  
 2009e. See Bauder, J. A.-S. & H. W. Krenn, 2009.  
 2010a. Feeding mechanisms of adult Lepidoptera: Structure, function, and evolution of the mouthparts. *Annual Review of Entomology* 55: 307-327, 5 figs. (January) [general]  
 2010b. See Albert, R. et al., 2010.  
 2011a. See Bauder, J. A.-S. et al., 2011.  
 2011b. See Hiki, A.-L. & H. W. Krenn, 2011.  
 2013. See Bauder, J. A.-S. et al., 2013.  
 2014. See Bauder, J. A.-S. et al., 2014.  
 2015a. See Bauder, J. A.-S. et al., 2015a.  
 2015b. See Bauder, J. A.-S. et al., 2015b.
- Krenn, Harald Wolfgang, and Julia Anne-Sophie Bauder**  
 2018. Morphological fine tuning of the feeding apparatus to proboscis length in Hesperiiidae (Lepidoptera). *Journal of Morphology* 279(3): 396-408, 5 figs., 3 tabs. (March; published online 6 December 2017) [general; Costa Rica]
- Krenn, Harald Wolfgang, Monika J. B. Eberhard, Stefan H. Eberhard, Anna-Laetitia Hiki, Werner Huber and Lawrence Edmund Gilbert**  
 2009. Mechanical damage to pollen aids nutrient acquisition in *Heliconius* butterflies. *Arthropod-Plant Interactions* 3(4): 203-208, 1 fig., 3 tabs. (December; published online 27 August) [general; behavior; Costa Rica]
- Krenn, Harald Wolfgang, and Nina Mühlberger**  
 2002. Groundplan anatomy of the proboscis of butterflies (Papilionoidea, Lepidoptera). *Zoologischer Anzeiger* 241(4): 369-380, 16 figs., 1 tab. (December) [general]
- Krenn, Harald Wolfgang, and Carla Maria Penz**  
 1998. Mouth parts of *Heliconius* butterflies (Lepidoptera: Nymphalidae): A search for anatomical adaptations to pollen-feeding behavior. *International Journal of Insect Morphology and Embryology* 27(4): 301-309, 3 figs., 3 tabs. (October) [general]
- Krenn, Harald Wolfgang, John D. Plant and Nikolaus U. Szucsich**  
 2005. Mouthparts of flower-visiting insects. *Arthropod Structure and Development* 34(1): 1-40, 70 figs., 6 tabs. (January) [general; morphology; behavior; evolution]
- Krenn, Harald Wolfgang, Klaus Peter Zulka and T. Gatschnegg**  
 2001. Proboscis morphology and food preferences in nymphalid butterflies (Lepidoptera: Nymphalidae). *Journal of Zoology* 254(1): 17-26, 3 figs., 4 tabs. (May) [general]
- Kretschmar, Egon** [1856-1897]  
 1894. Eine neue *Perisama* von Columbien, das ♀ von *Panacea prola* Doubl. Hew. und ein Zwitter. *Deutsche entomologische Zeitschrift "Iris"* 6(2): 158-160 (3 January) [new species: *Perisama malvina*, *Panacea dubia*]
- Kricher, John C.** [1944- ]  
 1989. *A Neotropical Companion. An introduction to the animals, plants, and ecosystems of the New World tropics.* Princeton, Princeton University Press. xii + 436 pp., 100 figs. [general]  
 1997. *A Neotropical Companion. An introduction to the animals, plants, and ecosystems of the New World tropics.* Princeton, Princeton University Press. xviii + 451 pp., figs. (Ed. 2) [Spanish ed., 2010] [general]
- Kristensen, Niels Peder** [1943-2014]  
 1971. Dagsommerfuglenes storsystematik. En oversigt over nyere undersøgelser. *Entomologiske Meddelelser* 39(3): 201-233, 40 figs. [general]  
 1976. Remarks on the family-level phylogeny of butterflies (Insecta, Lepidoptera, Rhopalocera). *Zeitschrift für zoologische Systematik und Evolutions-Forschung* 14(1): 25- 33, 1 fig. (March) [general]  
 1998. See Carter, D. J. & N. P. Kristensen, 1998.  
 2003a. See Simonsen, T. J. & N. P. Kristensen, 2003.  
 2003b. See Warrant, E. J. et al., 2003.  
 2003c. See Akai, H. et al., 2003b.  
 2003d. Reproductive organs, pp. 427-447, 11 figs. In: Kristensen, N. P. (Ed.), Lepidoptera, moths and butterflies. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]

2011. See Nieukerken, E. J. van et al., 2011.
- Kristensen, Niels Peder, Malcolm John Scoble and Ole Karsholt**
2007. Lepidoptera phylogeny and systematics: the state of inventorying moth and butterfly diversity. *Zootaxa* 1668: 699-747, 13 figs., 3 tabs. (21 December) [general]
2008. Erratum. *Zootaxa* 1725: 67-68, 1 fig. [general; morphology]
- Kristensen, Niels Peder, and Thomas Johannes Simonsen**
2003. 'Hairs' and scales, pp. 9-22, 7 figs. In: Kristensen, N. P. (Ed.), Lepidoptera, moths and butterflies. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]
- Kristensen, Niels Peder, and Andrzej Władysław Skalski**
1998. Phylogeny and palaeontology, pp. 7-25, 8 figs. In: Kristensen, N. P. (Ed.), Lepidoptera, Moths and Butterflies. Volume 1: Evolution, Systematics and Biogeography. *Handbuch der Zoologie* 4(35): i-x, 1-487 ("1999", 1998) [general]
- Krizek, George O.**
1984. See Opler, P. A. & G. O. Krizek, 1984.
1990. Butterfly photography in the tropics. *Journal of the Lepidopterists' Society* 44(1): 56-61, 2 pls., 4 figs. (5 June) [general; Costa Rica, Brazil]
- 1991a. Photographing Neotropical metalmarks (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 2(1): 1-10, 45 figs. ([28] August) [general; *Cabirus procas* (Cramer); Costa Rica, Mexico, Peru, Ecuador, Brazil]
- 1991b. Neotropical Nymphalidae in photography. Part 1. *Tropical Lepidoptera* 2(2): 84-102, frontisp., 90 figs. ([31] December) [general]
- 1992a. Neotropical Nymphalidae in photography. Part 2. *Tropical Lepidoptera* 3(2): 75-94, 100 figs. ([18] December) [general]
- 1992b. Unusual interaction between a butterfly and a beetle: "Sexual paraphilia" in insects? *Tropical Lepidoptera* 3(2): 118 ([18] December) [*Dynamine*; Brazil]
1995. Neotropical Papilionidae and Pieridae in photography. *Tropical Lepidoptera* 6(2): 87-93, 33 figs. ([5] December) [general]
1998. Tri-dimensionality of the "false heads" of lycaenid hindwings (Lepidoptera: Lycaenidae). *Holarctic Lepidoptera* 5(2): 47-48, 2 figs. ("15" [23] December) [*Arawacus*; behavior; Brazil]
2001. Selective predation on iridescent blue butterflies by birds. *News of the Lepidopterists' Society* 43(1): 5-6, 4 figs. (15 March) [*Archaeoprepona demopoon antimache* (Hübner), *Pseudolycaena damo* (Druce), *Evenus regalis* (Cramer); Mexico]
2002. Butterflies and boots. *News of the Lepidopterists' Society* 44(1): 31-32, 6 figs. (15 April) [general; behavior; Brazil]
2003. Guatemala: Dangerous for lepidopterists! *News of the Lepidopterists' Society* 45(3): 72, 74, 4 figs. (1 October) [general]
2013. A selection of Neotropical skippers and butterflies. *News of the Lepidopterists' Society* 55(1): 10-15, 48, figs. (1 March), (2): 85, 4 figs. (30 May), (3): 128-129, figs. (9 September), (4): 135-141, 180, figs. (12 November) [general]
2014. Butterfly photographic documentation: the importance of background. *News of the Lepidopterists' Society* 56(2): 92-97, 100, figs. (27 May) [general; Mexico, Trinidad]
2016. Central and South American skippers. *News of the Lepidopterists' Society* 58(2): 55-58, figs. (29 April) [general; Hesperiiidae]
- Kroemer, Jeremy A.**
2011. See Coates, B. S. et al., 2011.
- Krömer, Thorsten**
2011. See Laurance, W. F. et al., 2011.
- Kroenlein, Karl Ritter**
- 1993a. See Johnson, K. D. & K. R. Kroenlein, 1993a.
- 1993b. See Johnson, K. D. & K. R. Kroenlein, 1993b.
- 1993c. See Johnson, K. D. & K. R. Kroenlein, 1993c.
- 1997a. See Johnson, K. D. & K. R. Kroenlein, 1997.
- 1997b. See Johnson, K. D. et al., 1997.
1998. See Bálint, Z. et al., 1998.
- Krogen, Runar**
2000. Records of *Polygonia haroldi* [sic] (Dewitz, 1877) in Sonora, Mexico (Lepidoptera, Nymphalidae). *Atalanta* 31(1/2): 67-70, 6 figs. (September)
- Kronauer, Daniel J. C.**
2012. See Russell, J. A. et al., 2012.
- Kronforst, Marcus R.**
2005. Primers for the amplification of nuclear introns in *Heliconius* butterflies. *Molecular Ecology Notes* 5(1): 158-162, 2 tabs. (March) [general]
- 2008a. Gene flow persists millions of years after speciation in *Heliconius* butterflies. *BMC evolutionary Biology* 8(98): 1-8, 5 figs., 1 tab. (27 March) [general]
- 2008b. See Salazar, C. A. et al., 2008.
2009. See Chamberlain, N. L. et al., 2009.
- 2010a. See Baxter, S. W. et al., 2010.
- 2010b. See Quek, S.-P. et al., 2010.
- 2011a. See Moura, P. A. de et al., 2011.
- 2011b. See Merrill, R. M. et al., 2011b.
- 2011c. See Reed, R. D. et al., 2011.
- 2011d. See Chamberlain, N. L. et al., 2011.
- 2011e. See Hines, H. M. et al., 2011.
- 2011f. See Kunte, K. et al., 2011.
- 2012a. See Dasmahapatra, K. K. et al., 2012.
- 2012b. Mimetic butterflies introgress to impress. *PLoS Genetics* 8(6)(e1002802): 1-3, 1 fig. (21 June) [*Heliconius*]
- 2012c. See Martin, A. et al., 2012.
- 2012d. See Massardo, D. et al., 2012.
- 2013a. See Hill, R. I. et al., 2013.
- 2013b. See Smith, J. H. & M. R. Kronforst, 2013.
- 2014a. See Barão, K. R. et al., 2014.
- 2014b. See Arias, C. F. et al., 2014.
- 2014c. See Gallant, J. R. et al., 2014.
- 2014d. See Zhan, S. et al., 2014.
- 2014e. See Pierce, A. A. et al., 2014.
- 2015a. See Massardo, D. et al., 2015.
- 2015b. See Pierce, A. A. et al., 2015.
2016. See Zhang, W. et al., 2016.
- 2017a. See Southcott, L. & M. R. Kronforst, 2017.
- 2017b. See Mazo-Vargas, A. et al., 2017.
- 2018a. See Rossato, D. O. et al., 2018a.
- 2018b. See Schilling, M. P. et al., 2018.
- 2018c. See Nallu, S. et al., 2018.
- 2018d. See Southcott, L. & M. R. Kronforst, 2018.
- 2018d. See Finkbeiner, S. D. et al., 2018.
- 2018e. See Westerman, E. L. et al., 2018.
- 2019a. See Zhang, W. et al., 2019.
2019. See Edelman, N. B. et al., 2019.
- Kronforst, Marcus R., Gregory S. Barsh, Artyom Kopp, James Louis Borlase Mallet, Antónia Monteiro, Sean P. Mullen, Meredith Protas, Erica Bree Rosenblum, Christopher J. Schneider and Hopi E. Hoekstra**
2012. Unraveling the thread of nature's tapestry: the genetics of diversity and convergence in animal pigmentation. *Pigment Cell & Melanoma Research* 25(4): 411-433, 5 figs. (July; published online 12 May) [general]
- Kronforst, Marcus R., and Theodore H. Fleming**
2001. Lack of genetic differentiation among widely spaced

- subpopulations of a butterfly with home range behaviour. *Heredity* 86(2): 243-250, 2 figs., 4 tabs. (February) [*Heliconius charithonia* (Linnaeus); Neotropics]
- Kronforst, Marcus R., and Lawrence Edmund Gilbert**  
2008. The population genetics of mimetic diversity in *Heliconius* butterflies. *Proceedings of the royal Society of London (B)* 275(1634): 493-500, 3 figs. (7 March; published online 12 December 2007) [general; Costa Rica]
- Kronforst, Marcus R., Matthew E. B. Hansen, Nicholas G. Crawford, Jason Raymond Gallant, Wei Zhang, Robert Joseph Kulathinal, Durrell D. Kapan and Sean P. Mullen**  
2013. Hybridization reveals the evolving genomic architecture of speciation. *Cell Reports* 5(3): 666-677, 6 figs., 1 tab. (14 November; published online 31 October) [*Heliconius*; Costa Rica]
- Kronforst, Marcus R., Durrell D. Kapan and Lawrence Edmund Gilbert**  
2006c. Parallel genetic architecture of parallel adaptive radiations in mimetic *Heliconius* butterflies. *Genetics* 174(1): 535-539, 2 figs. (September; published online 18 June)
- Kronforst, Marcus R., and Riccardo Papa**  
2015. The functional basis of wing patterning in *Heliconius* butterflies: The molecules behind mimicry. *Genetics* 200(1): 1-19, 7 figs., 1 tab. (1 May) [general; Central and South America]
- Kronforst, Marcus R., Camilo Andrés Salazar, Mauricio Linares and Lawrence Edmund Gilbert**  
2007a. No genomic mosaicism in a putative hybrid butterfly species. *Proceedings of the royal Society of London (B)* 274(1615): 1255-1264, 2 figs., 2 tabs. (22 May; published online 20 March) [*Heliconius*; Costa Rica, Colombia]
- Kronforst, Marcus R., Laura G. Young, Lauren M. Blume and Lawrence Edmund Gilbert**  
2006a. Multilocus analyses of admixture and introgression among hybridizing *Heliconius* butterflies. *Evolution* 60(6): 1254-1268, 4 figs., 3 tabs. (June) [Costa Rica]
- Kronforst, Marcus R., Laura G. Young and Lawrence Edmund Gilbert**  
2007b. Reinforcement of mate preference among hybridizing *Heliconius* butterflies. *Journal of evolutionary Biology* 20(1): 278-285, 3 figs. (January) [Costa Rica]
- Kronforst, Marcus R., Laura G. Young, Durrell D. Kapan, Camille McNeely, Rachel J. O'Neill and Lawrence Edmund Gilbert**  
2006b. Linkage of butterfly mate preference and wing color preference cue at the genomic location of wingless. *Proceedings of the national Academy of Sciences of the United States of America* 103(17): 6575-6580, 4 figs. (25 April; published online 12 April) [*Heliconius*; Costa Rica]
- Kruck, A.**  
1931a. Neue *Agrias*form von Zentralamerika. *Entomologische Rundschau* 48(11): 123-124 (1 June) [*A. oaxacata*; Mexico]  
1931b. Neue Falterformen von Zentralamerika. *Entomologische Rundschau* 48(22): 234-236, 2 figs. (15 November) [*Anartia moreno*, *Papilio asterius* aberration *gertrudis*; Mexico]
- Krüger, Cristiane Pereira**  
2017. See Silva, J. M. et al., 2017.
- Krüger, Cristiane Pereira, and Eduardo José Ely e Silva**  
2003. Papilionoidea (Lepidoptera) de Pelotas e seus arredores, Rio Grande do Sul, Brasil. *Entomologia y Vectores* 10(1): 31-45 (January-March) [general]
- Krüger, Eugen**  
1920. Ueber sekundäre sexuelle Organe der Morphiden und anderer Tagfalterfamilien nebst Angaben über den Geruch einiger kolumbianischer Tagfalter. *Entomologische Rundschau* 37(9): 35-36 (15 September), (10): 37-39 (15 October) [general; morphology]
- 1921a. Eine neue *Pieris*-Art Kolumbiens? Die kolumbische *Pieris caesia*. *Entomologische Rundschau* 38(6): 26-27 (15 June), (7): 30 (15 July) [general]
- 1921b. Das Geräusch der *Ageronia*-Arten. *Entomologische Rundschau* 38(8): 35-36 (15 August), (9): 37-38 (15 September) [general; morphology; behavior; ecology; Colombia]
- 1922a. *Papilio laodamas* und Verwandte in Kolumbien und das Weibchen von *laodamas laodamas*. *Entomologische Rundschau* 39(1): 3-4 (15 January), (2): 7-8 (15 February), (3): 11-12 (15 March), (4): 14-15 (15 April), (5): 19 (15 May) [general; Neotropics]
- 1922b. Die Konservierung von Tropenfaltern. *Entomologische Rundschau* 39(7): 28 (15 July) [general]
- 1922c. *Catoblepia orgetorix* und verwandte Arten in Columbien. *Entomologische Rundschau* 39(10): 38-39 (15 October), (11): 42-43 (15 November), (12): 46 (15 December) [general; biology; Central and South America]
- 1923a. Weiteres über columbische Brassoliden. *Entomologische Rundschau* 40(2): 8 (15 February), (3): 10-11 (15 March) [general; Central and South America]
- 1923b. Kurze Übersicht über die Morphiden Columbiens. *Entomologische Rundschau* 40(8): 31-32 (15 August) [general; distribution]
- 1924a. Beiträge zur Kenntnis der columbischen Satyriden. *Entomologische Rundschau* 41(2): 7 (15 February), (3): 9-10 (15 March), (4): 16 (15 April), (5): 19-20 (15 May), (6): 23-24 (15 June) [general; new species: *Lymanopoda nevada*, *L. huilana* variety *alba*, *Pedaliodes combeima*, *P. pacifica*]
- 1924b. Die Morphiden Columbiens nebst einigen allgemeinen Bemerkungen über Morphiden. *Deutsche entomologische Zeitschrift "Iris"* 38(1): 23-39 (15 June) [general; behavior; ecology; host plants]
- 1924c. Beiträge zur Kenntnis der columbischen Satyriden. *Entomologische Rundschau* 41(7): 27-28 (15 July), (8): 31-32 (15 August), (9): 35 (15 September), (10): 38-39 (15 October) [general; behavior; new taxa: *Pedaliodes reissi* variety *flavomaculata*, *P. puracana*, *P. paeonides* variety *flavopunctata*, *P. oculata*, *P. paeonides* form *obscura*, *Eretris centralis*, *E. ochrea* var. *bogotana*, *Thiemeia ortruda* variety *obscurata*]
- 1924d. Die Morphiden Columbiens nebst einigen allgemeinen Bemerkungen über Morphiden. *Deutsche entomologische Zeitschrift "Iris"* 38(2/3): 99-132 (1 November) [general; behavior; ecology]
- 1924e. Beiträge zur Kenntnis der columbischen Satyriden. *Entomologische Rundschau* 41(11): 41-42 (15 November), (12): 46-47 (15 December) [general; new taxa: *Drucina orsedice* variety *colombiana*, *Daedalma dinias* form *parvomaculata*]
- 1925a. Die Morphiden Columbiens nebst einigen allgemeinen Bemerkungen über Morphiden. *Deutsche entomologische Zeitschrift "Iris"* 38(4): 223-268 (15 January) [general; new taxa: *Morpho theseus* variety *pacificus*, *M. adonis* variety *clarus*, *M. sulkowskyi* variety *orientalis*, *M. rhodopteron* variety *nevadensis*, *M. rhetenor* variety *columbianus*; behavior; ecology; host plants]
- 1925b. Beiträge zur Kenntnis der columbischen Satyriden. *Entomologische Rundschau* 42(3): 10-12 (15 March), (4): 14 (15 April), (5): 17-18 (15 May), (6): 23-24 (15 June), (7): 25-26 (15 July) [general; new taxa: *Haetera hypaesia* variety *obscura*, *H. lamia* form *columbina*, *Tisiphone*

- hercyna* variety *fasciata*, *Manerebia nevadensis*]
- 1925c. Einige neue Falterformen aus Kolumbien und Surinam. *Deutsche entomologische Zeitschrift "Iris"* 39(3): 146-151 (1 August) [general; *Papilio childrenae* form *latifasciata*, *P. phosphorus* variety *columbianus*, *P. anchises* variety *isis*, *Catasticta urocoecheae* [sic] variety *flava*, *Dismorphia leuconoe* variety *vitrea*, *Napeogenes osuna* variety *upina*, *N. pacifica*, *Pteronymia pacifica*, *Dircenna visina* variety *columbiana*, *Heliconius crispus* variety *crepinus*]
1929. Einige Beobachtungen über *Morpho hecuba* (Fluggewohnheiten, Eiablage, junge Raupe, Nährpflanze), *perseus*, *achilleus* (Eier), *rhodopteron* (Ei, Nährpflanze, Kopula), *rhetenor* (Kopula). *Entomologische Rundschau* 46(6): 22-23 (15 June), (7): 26-27, 2 figs. (15 July), (8): 31-32 (15 August) [Colombia]
1930. Ein Beitrag zur Mimikryfrage. *Entomologische Rundschau* 47(4): 13-14 (15 April), (5): 17-19 (15 May), (6): 22-24 (15 June), (7): 27-28, 1 fig. (15 July) [general; Neotropics]
1933. Verbreitung und Ableitung einiger Tagfalterfamilien des tropischen Amerikas (Rhop. Lep.). *Deutsche entomologische Zeitschrift* 1932(2/3): 149-194 (9 January) [general]
- Krüger, Richard** [1893-1978]
- 1925a. *Papilio yuracares*, R. u. J. ♀. *Internationale entomologische Zeitschrift* 18(38): 231 (15 January), (41): 252 (8 February) [Bolivia]
- 1925b. *Catagramma atacama* forma *superba*. *Internationale entomologische Zeitschrift* 18(41): 252 (8 February) [Ecuador, Panama, Colombia, Peru]
- 1925c. *Mesenopsis albivitta* Lathy ♀. *Internationale entomologische Zeitschrift* 19(31): 235 (15 November) [general; Brazil]
- 1925d. *Papilio bogotanus* Fldr. ♀. *Internationale entomologische Zeitschrift* 19(32): 242-243 (22 November) [general; Peru]
- 1925e. *Perisama hazarma* Hew. ♀. *Internationale entomologische Zeitschrift* 19(33): 249-250, 2 figs. (1 December) [Ecuador]
- 1925f. Eine neue *Catagramma*. *Internationale entomologische Zeitschrift* 19(33): 250, 3 figs. (1 December) [*C. peristera* form *apicalis*; Brazil]
- 1925g. *Monethe alfonso* F. ♀. *Internationale entomologische Zeitschrift* 19(34): 264 (8 December) [Brazil]
1926. *Pap. vertumnus verus* ♀ forma *pseudobogotanus*. *Internationale entomologische Zeitschrift* 19(41): 322 (1 February) [French Guiana]
1927. Eine neue *Heliconius*-Form. *Internationale entomologische Zeitschrift* 21(11): 86 (15 June) [*H. phyllis* form *leonora*; Bolivia]
- 1928a. Eine neue Erycinide: *Symmachia margaretha* Krüger. *Entomologische Zeitschrift* 41(22): 442 (24 February) [Colombia]
- 1928b. *Heliconius burneyi* Hbn. *roseni* f. n. m. *Internationale entomologische Zeitschrift* 22(9): 100-101 (1 June) [Surinam]
- 1928c. *Calydna caieta* ♀ *amazonica* f. n. m. *Internationale entomologische Zeitschrift* 22(9): 101 (1 June) [Brazil]
- 1928d. Zwei neue *Anaea ambrosia* subsp. *Internationale entomologische Zeitschrift* 22(10): 114-115 (8 June) [*A. a. reducta*, *A. a. submarginalis*; Peru, Colombia]
- 1928e. Neubeschreibungen und Berichtigungen. *Internationale entomologische Zeitschrift* 22(24): 229-231 (22 September) [general; *Papilio erlaces* aberration *graphiticus*, *P. lenaeus* aberration *rupestris*; Bolivia, Brazil]
- 1928f. Eine neue Hesperidae. *Pamphila abeli* Krüger. *Internationale entomologische Zeitschrift* 22(31): 287-288 (15 November) [Colombia]
- 1928g. *Agrias claudina* Godt. f. *coelestis* m. n. ssp. *Internationale entomologische Zeitschrift* 22(32): 302 (22 November) [Brazil]
- 1929a. Neubeschreibungen. *Internationale entomologische Zeitschrift* 22(41): 376-377 (1 February) [*Papilio bachus chrysomelus* aberration *clarius*, *Heliconius phyllis anactorie* form *henrici*, *Dismorphia critomedia* male aberration *interrupta*, *Euptychia antonoe* form *confluens*; Bolivia, Peru, Colombia]
- 1929b. Neue tropische Falter. *Internationale entomologische Zeitschrift* 23(4): 58-59 (22 April) [*Chlorippe lavinia* form *reliqua*, *Oxeoschistus simplex* form *fuscus*, *Catopsilia philea* female aberration *irma*; Colombia, Peru]
- 1929c. *Catagramma hesperis* Guer. f. *biedermanni* ssp. m. n. *Internationale entomologische Zeitschrift* 23(6): 84-85 (8 May) [*C. h.* new aberration *robertus*; Bolivia]
- 1933a. Neubeschreibungen. *Entomologische Zeitschrift* 46(22): 240 (22 February) [*Prepona omphale* form *dives* aberration *wucherpennigi*, *Siderone marthesia* female form *leonora*, *Nessaea thalia* male aberration *margaretha*; Brazil, Colombia]
- 1933b. Ein neuer *Papilio* (Lep.). *Entomologische Zeitschrift* 46(24): 264 (22 March) [*P. ariarathes curupira*]
- 1933c. Neubeschreibungen. *Internationale entomologische Zeitschrift* 27(16): 176-178 (22 July), (17): 183-186 (1 August) [general; *Nessaea obrinus* female aberration *coniuncta*, *Siderone marthesia* female form *sincera*, *Catonephele boyi* male aberration *erichi*, *Papilio aeneas* form *bolivar* aberration *imperfecta*, *P. lysander* male aberration *antalcidas*, *P. lenaeus* male aberration *cellamaculosa*, *P. diceros* male aberration *lineatrans-versa*, *P. chabrias* male aberration *continua*, *Morpho aega* male aberration *albosignata*, *M. a.* male aberration *subfusca*, *M. a.* male aberration *submarginalis*, *Heliconius clytia* form *flavescens* aberration *graphitica*, *H. c.* form *f.* aberration *wucherpennigi*, *H. antiochus alba* aberration *trimaculata*, *H. wallacei* aberration *erichi*, *H. burneyi* form *catharina* aberration *vitiosa*; Brazil, Bolivia, Peru]
- 1933d. Eine neue *Catagramma*-Subspecies. *Internationale entomologische Zeitschrift* 27(21): 225-226 (1 September) [*C. cynosura* form *martini*; Peru]
1934. Neubeschreibungen. *Entomologische Rundschau* 51(15): 151-152 (1 August) [general; *Papilio androgeus androgeus* female aberration *decellei*, *P. triopas* aberration *trimaculatus*, *P. sesostris* aberration *pseudozestos*, *P. lenaeus* male aberration *austerus*, *P. harmodius* male aberration *signatus*, *P. lysithous* form *plaumanni*, *P. lycophron* female form *paulina*; Brazil, Bolivia]
- Kruse, James J.**
- 1997a. See Johnson, K. D. & J. J. Kruse, 1997.
- 1997b. See Johnson, K. D. et al., 1997.
- Kruseman, Gideon, Jr.** [1904-1992]
1952. Consideraciones entomológicas. *Comunicaciones del Instituto tropical de Investigaciones científicas* (San Salvador) 1(4): 5-10 (October) [general; El Salvador]
1958. *Anaea leonida* (Cr.) (Lep.). *Entomologische Berichten* 18(9): 176-177, 1 fig. (1 September) [Surinam]
- Kubatko, Laura S., and Julia Chifman**
2019. An invariants-based method for efficient identification of hybrid species from large-scale genomic data. *BMC evolutionary Biology* 19(112): 1-13, 4 figs., 3 tabs. (published online: 30 May) [*Heliconius*]
- Kubota, Umberto**
2006. See Almeida, A. M. de et al., 2006.
- Kubrusly, Flávia Saldanha, Cosue Miyaki, Antonio Netto Cestari and Luíz Carlos G. Simões**

1997. An attempt to establish cell lines from *Dione juno* (Cramer, 1779) and *Methona themisto* (Hubner [sic], 1818). *Ciência e Cultura* 49(1/2): 140-143, 1 fig., 1 tab. (January-April) [host plants; Brazil]
- Kucera-Santos, José Carlos**  
1993. See Martins-Neto, R. G. et al., 1993.
- Kucharski, Luiz Carlos Rios**  
2009. See Ferreira, A. A. et al., 2009.  
2018. See Silva, D. S. da et al., 2018.
- Kudell-Ekstrum, Janet**  
2015. See Oberhauser, K. S. et al., 2015a.
- Kudoh, Kohji**  
2010. See Kumagai, Y. et al., 2010.
- Kudryashova, Anna**  
2013. See LoCascio III, G. & A. Kudryashova, 2013.
- Kudzma, Linas**  
2000. Living La Vida Lepidoptera in Puerto Rico. *American Butterflies* 8(1): 4-12, 13 figs. [general]  
2002. Guánica dry forest, Puerto Rico: A wealth of uncommon species. *American Butterflies* 10(3): 18-19, figs. [general]
- Kühkenthal, Willy Georg** [1861-1922]  
1926-54. See Schulze, F. E. & W. G. Kühkenthal, 1926-1954.
- Künckel d'Herculais, Jules Philippe Alexandre** [1843-1918]  
1909. Rapport des insectes, notamment des lépidoptères, avec les fleurs des Asclepiadées et en particulier avec celles de *Araujia sericofera* Brotero. Leur capture, son mécanisme, ses conséquences. *Bulletin du Muséum national d'Histoire naturelle* (Paris) 15(4): 192-196. [general; Argentina]
- Küppers, Peter Victor**  
1974. Eine neue Rasse von *Graphium agesilaus* Guerin & Percheron, 1835 (Lep., Papilionidae) aus Nord-Peru. *Beiträge zur naturkundlichen Forschung in Südwestdeutschland* 33: 157-161, 2 figs. (1 November) [general; *G. a. montanum*]  
1975. Eine neue Unterart von *Parides echemon* (Lep., Papilionidae) aus Südost-Peru. *Entomologische Zeitschrift* 85(7): 67-71, 3 figs. (1 April) [general; *P. e. empistocles*]  
2007. Ist *Dryas iulia* (Fabricius, 1775) mittlerweile ein fester Bestandteil der thailändischen Lepidopterenfauna? (Lepidoptera, Nymphalidae). *Atalanta* 38(3/4): 325-328, pl. 2 (December)
- Kugler, Hans** [1903-1983]  
1980. Zur Bestäubung von *Lantana camara* L. *Flora* (Jena) 169(6): 524-529, 2 figs., 1 tab. [general]
- Kuhlmann, Ludwig** [1857-1928]  
1901. Die Schmetterlingsausstellung im Zoologischen Garten in Frankfurt a. M. *Entomologische Zeitschrift* 15(2): 5-6 (15 April) [general]
- Kula, Robert R., Oscar Dix-Luna and Scott Richard Shaw**  
2012. Review of *Ilatha* Fischer (Hymenoptera: Braconidae: Alysiinae), including descriptions of six new species and a key to species. *Proceedings of the entomological Society of Washington* 114(3): 293-328, 28 figs. (July) [*Actinote stratonice* (Latreille); host plant; parasitoid; Ecuador]
- Kulathinal, Robert Joseph**  
2013. See Kronforst, M. R. et al., 2013.
- Kumada, Nobuo**  
1984. See Kawamoto, F. & N. Kumada, 1984.
- Kumagai, Alice Fumi**  
2006. See Fonseca, N. G. da et al., 2006.
- Kumagai, Yoshinori**  
2002. See Abe, A. & Y. Kumagai, 2002.  
2010. See Abe, A. et al., 2010.
- Kumagai, Yoshinori, Azuma Abe and Kohki Kudoh**  
2010. A survey of chromosome numbers of seven species of HesperIIDae in the neotropical region. *Transactions of the Lepidopterological Society of Japan* 61(1): 87-91, 7 figs., 1 tab. (31 May) [general]
- Kumar, Sujai**  
2010. See Ferguson, L. et al., 2010.  
2019a. See Pinharanda, A. L. et al., 2019.  
2019b. See Edelman, N. B. et al., 2019.
- Kumar, Vinnet**  
2013. See Rodríguez, A. et al., 2013.
- Kumazawa, Kinya**  
1994. See Nakagoshi, M. et al., 1994.  
1996. See Tabata, H. et al., 1996.
- Kumazawa, Kinya, Keishi Negita, Toshinori Hasegawa and Hiroshi Tabata**  
1996. Fluorescence from cover and basal scales of *Morpho sulkowskyi* and *Papilio xuthus* butterflies. *Journal of Experimental Zoology* 275(1): 15-19, 7 figs. (1 May)
- Kumazawa, Kinya, and Hiroshi Tabata**  
1996. Time-resolved fluorescence studies of the wings of *Morpho sulkowskyi* and *Papilio xuthus* butterflies. *Zoological Science* (Tokyo) 13(6): 843-847, 4 figs., 1 tab. (15 December)  
2001. A three-dimensional fluorescence analysis of the wings of male *Morpho sulkowskyi* and *Papilio xuthus* butterflies. *Zoological Science* (Tokyo) 18(8): 1073-1079, 8 figs. (November)
- Kumazawa, Kinya, Shingo Tanaka, Keishi Negita and Hiroshi Tabata**  
1994. Fluorescence [sic] from wing of *Morpho sulkowskyi* butterfly. *Japanese Journal of Applied Physics* 3(1)(4A): 2119-2122, 6 figs.
- Kumberg, Carlos**  
1931. Abarten von *Morpho aega* (Lep.). *Entomologische Zeitschrift* 44(4): 61-62, 18 figs. (22 May) [general; Brazil]
- Kun, Andrés**  
2004. See Bálint, Z. et al., 2004.  
2013. See Tamáska, I. et al., 2013.
- Kunte, Krushnamegh**  
2006. *Listea pringlei*: Hostplant of *Papilio palamedes leontis* in Parque Ecologica [sic] Chipinque, Nuevo Leon, Mexico. *News of the Lepidopterists' Society* 48(2): 40-41, 2 figs. (29 July)  
2007. Allometry and functional constraints on proboscis lengths in butterflies. *Functional Ecology* 21(5): 982-987, 3 figs. (October; published online 19 July) [general; Costa Rica]  
2008a. Competition and species diversity: removal of dominant species increases diversity in Costa Rican butterfly communities. *Oikos* 117(1): 69-76, 2 figs., 1 tab. (January; published online 4 October 2007) [general]  
2008b. Mimetic butterflies support Wallace's model of sexual dimorphism. *Proceedings of the Royal Society of London (B)* 275(1643): 1617-1624, 3 figs. (22 July; published online 15 April) [general; *Papilio*; evolution]  
2009. See Larsen, T. B. et al., 2009.  
2018. See Deshmukh, R. et al., 2018.
- Kunte, Krushnamegh, Cristina Shea, Matthew Lee Aardema, John Mark Scriber, Thomas E. Juenger, Lawrence Edmund Gilbert and Marcus R. Kronforst**  
2011. Sex chromosome mosaicism and hybrid speciation among tiger swallowtail butterflies. *PLoS Genetics* 7(9)(e1002274): 1-14, 6 figs., 2 tabs. (8 September) [general; Mexico]
- Kunz, Werner** [1940- ]  
2011. Die Bedeutung der Mimicry für das Verständnis des Artbegriffs. *Entomologie heute* 23: 3-22, 5 figs. [general; mimicry; Costa Rica]

2016. Freiland aufnahmen der selten fotografierten Tagfalter *Pseudohaetera hypaesia* (Hewitson, 1854) und *Bebearia orientis* (Karsch, 1895) (Nymphalidae). *Entomologie heute* 28: 171-176, 2 figs. [Bolivia]
- Kuo, May M.**  
2001. See Caterino, M. S. et al., 2001.
- Kuratomi, Saulo**  
1981a. See Patiño, H., S. Kuratomi et al., 1981.  
1981b. See Patiño, H., I. Martínez et al., 1981.
- Kurillo, Jurij**  
2007. [Monarchs – The "royal" drifters]. *Proteus* (Ljubljana) 69 (9/10): 453-456, 478, 3 figs. (May-June) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Kurozawa, Yoshihiko**  
1964. See Nakahara, K. & Y. Kurozawa, 1964.  
1974. See Takahashi, M. & Y. Kurozawa, 1974.
- Kursar, Thomas Alan**  
2006. See Coley, P. D. et al., 2006.  
2007. See Dyer, L. A. et al., 2007.  
2017. See Endara, M.-J. et al., 2017.
- Kushibiki, Matsuo**  
2010. See Abe, A. et al., 2010.
- Kusnezov [= Kuznetzov, Kuznecov], Nikolai Jakovlevich** [1873-1948]  
1929. *Insectes Lépidoptères (Insecta Lepidoptera). Volume I. Introduction. Asciidae (Danaiidae). Livraison 2. In: Faune de l'URSS et des pays limitrophes fondée principalement sur les collections du Musée Zoologique de l'Académie des Sciences de l'URSS.* Leningrad, Académie des Sciences de l'URSS. [vi] + cccxxvii-dxcix + 64 pp., figs. 205-233, 7 maps [In Russian] [general; taxonomy; phylogeny; morphology; Pieridae]  
1930. Abhängigkeit der geographischen Verbreitung der Weisslinge, Asciidae, von der Verbreitung ihrer Futterpflanzen und der chemischen Zusammensetzung der letzteren. *Zeitschrift für Morphologie und Oekologie der Tiere* 17(4): 778-793 (December) [general]  
1931. Dépendance entre la distribution géographique des Asciidae (Lepidoptera) et la distribution ainsi que la constitution chimique de leurs plantes nourricières. *Annales du Musée zoologique de l'Académie des Sciences de l'URSS* 31: 49-63 [In Russian] [general; Pieridae; Neotropics]
- Kust, David R.**  
2004. See Brower, L. P. et al., 2004.  
2017. See Brower, L. P. et al., 2017.
- Kust, Katherine R.**  
2004. See Brower, L. P. et al., 2004.
- Kuwahara, Yoshitoshi**  
1982. See Komae, H. et al., 1982.
- Kuwalekar, Muktai**  
2018. See Deshmukh, R. et al., 2018.
- Kuznetzov, Vladimir Ivanovitsch** [1929-2008]  
2000. See Stekolnikov, A. A. et al., 2000.  
2005. See Stekolnikov, A. A. & V. I. Kuznetzov, 2005.
- Kuznetzov, Vladimir Ivanovitsch, and Anatoliy Alexandrovich Stekolnikov**  
1997. [Evolution of the genitalia and a new classification of higher taxa of the family Pieridae (Lepidoptera)]. *Entomologicheskoe Obozrenie* 76(3): 641-653, 14 figs., 2 tabs. [In Russian, translated into English in *Entomological Review* 77(3): 328-338 (April 1997)] [general]  
2001a. [New approaches to the system of Lepidoptera of World fauna (on the base of the functional morphology of the abdomen)]. *Proceedings of the zoological Institute. Russian Academy of Sciences* 282: 1-462, 151 figs., 2 tabs. (26 April) [In Russian] [general; systematics]
- 2001b. [Comparative morphology of the male genitalia in the subfamilies Morphinae and Brassolinae and the resurrection of the family Satyridae, status resurr. (Lepidoptera) in new limits]. *Entomologicheskoe Obozrenie* 80(1): 121-136, 12 figs. [In Russian] [*Morpho peleides* Kollar, *Caligo eurilochus* (Cramer), *C. atreus* (Kollar)]
- Kyriacou, Charalambos P.**  
2013. Animal behaviour: Monarchs catch a cold. *Current Biology* 23(6): R235-R236, 1 fig. (18 March; published online 25 February) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Kysela, Emanuel**  
1907-08. Zur Mimikry Theorie. *Mitteilungen des entomologischen Vereines Polyxena* (Wien) 2(1): 4-5 (1 May 1907), (2): 9-11, 3 figs. (1 June 1907), (3): 15-17, figs. 4-9 (1 July 1907), (4): 21-24, figs. 10-13 (1 August 1907), (5): 28-29, figs. 14-20 (1 September 1907), (6): 33-35, figs. 21-24 (1 October 1907), (7): 42-43, figs. 25-32 (1 November 1907), (9): 53-55, figs. 40-47 (1 January 1908), (10): 59-61, figs. 48-50 (1 February 1908) [general]

# L

- Labandeira, Conrad Christopher** [1950- ]  
 2012. See Sohn, J.-C. et al., 2012.  
 2015. See Sohn, J.-C. et al., 2015.  
 2019. See Chazot, N. et al., 2019b.
- Labandeira, Conrad Christopher, Qian Yang, Jorge A. Santiago-Blay, Carol L. Hotton, Antônia Monteiro, Yong-Jie Wang, Yulia Goreva, ChungKun Shih, Sandra Siljseström, Tim R. Rose, David L. Dilcher and Dong Ren**  
 2016. The evolutionary convergence of mid-Mesozoic lacewings and Cenozoic butterflies. *Proceedings of the royal Society of London (B)* 283(1824)(20152893): 1-9, 3 figs. (10 February; published online 3 February) [*Caligo telamonius* (C. Felder & R. Felder)]
- Labarca, María**  
 2009. See Parra, E. et al., 2009.
- Labinas, Adriana Mascarette**  
 2005. See Aoyama, E. M. & A. M. Labinas, 2005.
- Labine, Patricia Ann**  
 1968. The population biology of the butterfly *Euphydryas editha* VIII. Oviposition and its relation to patterns of oviposition in other butterflies. *Evolution* 22(4): 799-805, 1 fig., 2 tabs. (30 December) [general; behavior; Trinidad]
- Łabno, Radosław**  
 2007. Z kraju, gdzie lato trwa wiecznie. *Alma Mater. Miesięcznik Uniwersytetu Jagiellońskiego* (Kraków) 98: 104-107. [*Redonda bordoni* Vilorio & Pyrcz; Venezuela]
- Labouchere, F. A.**  
 1951. [A note]. *Proceedings and Transactions of the South London entomological and natural History Society* 1950-51: 12. [*Colias lesbia* (Fabricius); Argentina]
- Labrador, José Ramón** [1926-2008]  
 1957. See Fernández, F. J. et al., 1957.  
 1961. El genero *Opsiphane* [sic] peligroso enemigo del cultivo del plátano. *Ingeniería agronómica* (Maracay) 6: 29-31, 3 figs. (April-June) [life history; Venezuela]  
 1962. Contribución al conocimiento de insectos perjudiciales a la Agricultura del Edo. Zulia. Observaciones efectuadas durante los años 1961-1962. *Revista de la Universidad del Zulia* (2)4(19/20): 137-154, figs., 1 map (July-December) [also in *Kasmera* 1(2): 99-118, figs., 1 map; 1962] [general; host plants]  
 1963. See Angeles, N. & J. R. Labrador, 1963.  
 1977. El gusano del plátano (*Opsiphanes tamarindi*) Stickel [sic]. Insecto perjudicial al plátano y cambur. *Las Frutas* (Caracas) 7(34): 12-15, 4 figs., 2 tabs. (December) [life history; parasitoids; Venezuela]
- Labus, Paul**  
 2005. See Shuey, J. A. et al., 2005.  
 2007. See Shuey, J. A. & P. Labus, 2007.  
 2017. See Shuey, J. A. et al., 2017.
- Labuschagne, S. W.**  
 2013. Comment on the proposed establishment of availability of *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, 2001, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaeana* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of zoological Nomenclature* 70(3): 201 (30 September) [general; Neotropics]
- Lacerda, Luiz Eduardo Macedo de**  
 2010. See Santos, S. B. dos et al., 2010.
- Lacey, Lawrence A.**  
 2007. See Dolinski, C. & L. A. Lacey, 2007.
- Lachaume, Gilbert**  
 2014a. See Blandin, P. et al., 2014b.  
 2014b. See Blandin, P. & G. Lachaume, 2014.  
 2014c. See Ramírez, C. et al., 2014.  
 2017. See Nattier, R. et al., 2017.
- Lachowska-Cierlik, Dorota**  
 2019. See Pyrcz, T. W. et al., 2019a.
- Lackie, Peter M.**  
 1986. See Thomas, C. D. et al., 1986.
- Lackie, Peter M., Christian David Thomas, Michael J. Brisco and D. N. Hepper**  
 1988. On the pollination ecology of *Hamelia patens* (Rubiaceae) at Monteverde, Costa Rica. *Brenesia* (San José) 25/26: 203-213, 2 figs., 1 tab. (February) [*Heliconius clysonymus* Latreille, *H. hecalesia* Hewitson, *Dione* sp., *Itaballia mandela noctipennis* (Butler & Druce), *Catasticta sisamnus* (Fabricius)]
- Lacomme, Daniel**  
 1999. Notes sur les *Morpho* de Guyane. *Bulletin des Lépidoptéristes parisiens* 8(13): 42-44, pl. 2, 1 map (August) [general; behavior; French Guiana]  
 2000. Voyage entomologique en Équateur (septembre 1998). *Bulletin des Lépidoptéristes parisiens* 9(16): 42-46, 1 map (September) [general]  
 2003a. Notes sur les *Morpho* de Guyane. In: Lacomme, D. & L. Manil (Eds.), Lépidoptères de Guyane. *Bulletin des lépidoptéristes parisiens* numéro hors-série: 21-26, 1 pl., 2 figs., 1 tab. (January) [Ed. 2, October 2007] [general; French Guiana]  
 2003b. Fauna des Rhopalocères guyanais: espèces localisées, nouvelles, disparues, rares ou voisines de la Guyane française. In: Lacomme, D. & L. Manil (Eds.), Lépidoptères de Guyane. *Bulletin des lépidoptéristes parisiens* numéro hors-série: 125-133, pl. 24 (January) [Ed. 2, October 2007] [general]  
 2003c. Liste des Rhopalocères de Guyane française. Légende et commentaires. In: Lacomme, D. & L. Manil (Eds.), Lépidoptères de Guyane. *Bulletin des lépidoptéristes parisiens* numéro hors-série: 155-186, pls. 27-28, 2 figs. (January) [Ed. 2, October 2007] [general]  
 2004. Notes complémentaires sur les Rhopalocères de Guyane (Lepidoptera: Nymphalidae - Heliconiinae - Morphidae). *Bulletin des Lépidoptéristes parisiens* 13(27): 36-40, 9 figs. (April) [general]  
 2006. Observations entomologiques en Ucayali et dans la région de Tingo Maria (Pérou). *Bulletin des Lépidoptéristes parisiens* 14(32): 103-117, 9 figs., 1 map (April) [general; mimicry]  
 2008. See Lever, Y. et al., 2008.  
 2009. Quelques rhopalocères remarquables signalés des forêts occidentales de l'Équateur (2008) (Lepidoptera, Rhopalocera). *Lépidoptères* (Paris) 18(44): 130-133, 5 figs. (December) [general]  
 2011a. Redécouverte de *Eueides tales* en Guyane française: *Eueides tales guyanensis*, ssp. nova (Lepidoptera: Nymphalidae; Heliconiinae). *Lépidoptères* (Paris)

- 20(48): 41-44, 11 figs. (May)
- 2011b. See Lever, Y. et al., 2011.
- 2011c. See Lever, Y. & D. Lacomme, 2011.
2013. Sympatrie, convergence et mimétisme entre Rhopalocères et Hétérocères néotropicaux. *Lépidoptères* (Paris) 22(56): 124-137, 91 figs. (December) [general]
- Lacomme, Daniel, and Bernard Lalanne-Cassou**
2008. Critères de différenciation entre les femelles de *Morpho marcus* (Schaller, 1785) et *Morpho eugenia* Deyrolle, 1860 (Lepidoptera, Nymphalidae, Morphinae). *Bulletin de la Société entomologique de France* 113(4): 473-496, 39 figs., 2 tabs. ([30] December) [general; biometrics]
- Lacomme, Daniel, and Bruce H. Purser**
2017. Comportements remarquables chez les lépidoptères. *Lépidoptères* (Paris) 26(67): 64-84, 72 figs. (September) [general; Neotropics]
- Lacordaire, Jean Théodore** [1801-1870]
- [1833]a. Notice sur l'entomologie de la Guyane française. *Annales de la Société entomologique de France* 1(4): 348-366 ([January]) [general; distribution]
- 1833b. Notice sur les habitudes des lépidoptères rhopalocères (diurnes) de la Guyane française. *Annales de la Société entomologique de France* 2(3): 379-397 ([October]) [general; new genera: *Endopogon*, *Lucidia*, *Peridromia*; ecology; life histories]
- Ladrón de Guevara, Oralía, P. Padilla, L. García, José Manuel Pino and Julieta Ramos**
1995. Amino acid determination in some edible Mexican insects. *Amino Acids* 9: 161-172, 3 figs., 5 tabs. [*Aegiale* (*Acentrocne*) *hesperiaris* (Walker)]
- Lafait, Jacques**
2013. See Mejdoubi, A. et al., 2013.
- Lafontaine, J. Donald**
2000. See Burns, J. M. et al., 2000.
2009. See Janzen, D. H. et al., 2009.
2011. See Nieukerken, E. J. van et al., 2011.
- Lagnel, Marguerite, Thi-Hong Nguyen, Claude Pierre-Baltus and Jacques Pierre**
2010. De l'ordre de présentation des familles de Rhopalocères dans les listes (Lep., Papilionoidea). *Bulletin de la Société entomologique de France* 115(2): 208-210 ([14] June) [general]
- Lagôa, Rozo** [1859-1954]
1905. *Catalogo do Museu Braga Junior*. Porto, Typographia Progresso. 47 pp., pls. (after 30 April) [general]
- Lagos, Adriano Rodrigues, Carlos Humberto Pereira de Oliveira, Verônica Souza da Mota Gomes and Maria Alice dos Santos Alves**
2003. Predation on *Philaethria wernickei* (Röber) by *Anax concolor* Br. in Parque Nacional da Restinga de Jurubatiba, Rio de Janeiro, SE Brazil (Lepidoptera: Nymphalidae; Anisoptera: Aeshnidae). *Notulae odonatologicae* 6(1): 11, 1 fig. (1 June)
- Lagunes, Angel, and Juan Antonio Sifuentes**
1969. Fluctuación de poblaciones de insectos encontrados en 17 variedades de alfalfa, en el norte de Tamaulipas. *Agricultura técnica en México* 2(10): 464-466, 3 figs., 3 tabs. (January) [*Colias eurytheme* Boisduval; Mexico]
- Laithwaite, Eric** [1921-1997], **Allan Watson and Paul Ernest Sutton Whalley**
1975. *The Dictionary of Butterflies and Moths in Colour*. London, Michael Joseph. xvi + 296 pp., 405 figs. [Ed. 2, 1983] [general]
- Lake, Iain R.**
2008. See Barlow, B. J. et al., 2008.
- Lakhtakia, Akhlesh**
2013. See Dushkina, N. & A. Lakhtakia, 2013.
2017. See Dushkina, N. et al., 2017.
- Lal, Niraj N., Kevin N. Le, Andrew M. Thomson, Maureen Brauers, Thomas W. White and Kylie R. Catchpole**
2017. Transparent long-pass filter with short-wavelength scattering based on *Morpho* butterfly nanostructures. *ACS Photonics* 4(4): 741-745, 4 figs. (19 April; published online 29 March) [*M. didius* Hopffer]
- Lalanne-Cassou, Bernard**
2008. See Lacomme, D. & B. Lalanne-Cassou, 2008.
2014. See Pierre, J. & B. Lalanne-Cassou, 2014.
- Lalonde, Melanie M. L., and Jeffrey M. Marcus**
- 2019a. The complete mitochondrial genome of the Madagascar banded commodore butterfly *Precis andremiaja* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA (B)* 4(1): 277-279, 1 fig. (published online 11 January) [*Junonia*; Neotropics]
- 2019b. The complete mitochondrial genome of the Madagascar mother-of-pearl butterfly *Salamis anteva* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA (B)* 4(1): 296-298, 1 fig. (published online 24 December 2018) [*Junonia*; Neotropics]
- 2019c. Getting western: biogeographical analysis of morphological variation, mitochondrial haplotypes and nuclear markers reveals cryptic species and hybrid zones in the *Junonia* butterflies of the American southwest and Mexico. *Systematic Entomology* 44(3): 465-489, 10 figs., 8 tabs. (July; published online 14 November 2018) [general]
- 2019d. Entomological time travel: reconstructing the invasion history of the buckeye butterflies (genus *Junonia*) from Florida, USA. *Biological Invasions* 21(6): 1947-1972, 9 figs., 5 tabs. (June; published online 22 February) [Cuba]
- Lam, Athena**
2019. See Toussaint, E. F. A. et al., 2019.
- Lamarck, Jean Baptiste Pierre Antoine de Monet de** [1744-1829]
1801. *Système des animaux sans vertèbres, ou tableau général des classes, des ordres et des genres de ces animaux; présentant leurs caractères essentiels et leur distribution, d'après la considération de leurs rapports naturels et de leur organisation, et suivant l'arrangement établi dans les galeries du Museum d'Hist. Naturelle, parmi leurs dépouilles conservées; précédé du discours d'ouverture du Cours de Zoologie, donné dans le Muséum National d'Histoire Naturelle l'an 8 de la République*. Paris, Deterville. viii + 432 pp. ([25 January]) [general]
1817. *Histoire naturelle des animaux sans vertèbres, présentant les caractères généraux et particuliers de ces animaux, leur distribution, leurs classes, leurs familles, leurs genres, et la citation des principales espèces qui s'y rapportent: précédée d'une introduction offrant la détermination des caractères essentiels de l'animal, sa distinction du végétal et des autres corps naturels; enfin, l'exposition des principes fondamentaux de la Zoologie*. Paris, Deterville, Verdière. 4: [iv] + 603 pp. ([24] March) [general]
1835. *Histoire naturelle des animaux sans vertèbres, présentant les caractères généraux et particuliers de ces animaux, leur distribution, leurs classes, leurs familles, leurs genres, et la citation des principales espèces qui s'y rapportent; précédée d'une introduction offrant la détermination des caractères essentielles de l'animal, sa distinction du végétal et des autres corps*



*naturels; enfin, l'exposition des principes fondamentaux de la Zoologie. Deuxième édition, revue et augmentée de notes présentant les faits nouveaux dont la science s'est enrichie jusqu'à ce jour; par MM. G. P. Deshayes et H. Milne Edwards. Tome quatrième. Histoire des insectes.* Paris, J. B. Baillière. ([December]) [Ed. 3, 1839] [general]

**Lamarre, Greg Paul Andrew, and Frédéric Bénélu**

2009. A non-destructive method for species identification in the ecological park Nueva Juventud, San Andrés, Petén, northern Guatemala (Insecta: Lepidoptera). *Lambillionea* 109(3)(2): 348-351, 1 fig. (September) [general]

**Lamarre, Greg Paul Andrew, Bruno Héroult, Paul V. A. Fine, Vincent Vedel, Roland Lupoli, Ítalo Mesones and Christopher Baraloto**

2016a. Taxonomic and functional composition of arthropod assemblages across contrasting Amazonian forests. *Journal of Animal Ecology* 85(1): 227-239, 4 figs., 3 tabs. (January; published online 16 October 2015) [general; diversity; Peru, French Guiana]

**Lamarre, Greg Paul Andrew, Diego Salazar, Christopher Baraloto, Frédéric Bénélu, Ítalo Mesones and Paul V. A. Fine**

2016b. Phylogenetic overdispersion in Lepidoptera communities of Amazonian white-sand forests. *Biotropica* 48(1): 101-109, 4 figs., 3 tabs. (January; published online 18 January) [general; diversity; Peru, French Guiana]

**Lamas, Gerardo [1948- ]**

1969. Lista de ropalóceros (Lepidoptera) peruanos citados en la obra "Die Gross-Schmetterlinge der Erde" de Adalbert Seitz. *Biota* (Lima) 7(58): 265-328 (1 August), (59): 329-354 ("June", [19 September]) [general]

1973a. The type-material of Lepidoptera Rhopalocera contained in the collections of the Museu de Zoologia da Universidade de São Paulo. *Papéis avulsos de Zoologia* (São Paulo) 26(13): 179-185 (26 February) [general; Brazil]

1973b. The identity of *Papilio eva* Fabricius, 1793 (Lepidoptera, Nymphalidae). *Revista brasileira de Entomologia* (São Paulo) 17(19): 127-130 (14 December) [taxonomy; Central America]

1975. Supuesta extinción de una mariposa en Lima, Perú (Lepidoptera, Rhopalocera). *Revista peruana de Entomología* 17(1): 119-120 ("December 1974", 20 March 1975) [*Heliconius charitonius peruvianus* Felder]

1976a. Mariposas diurnas (Lepidoptera, Rhopalocera) que atacan plantas de interés agrícola en el Perú. *Revista peruana de Entomología* 18(1): 1-5 ("December 1975", 30 June 1976) [general; host plants]

1976b. Notes on Peruvian butterflies (Lepidoptera). I. The genus *Phoebis* Hübner, 1819 (Pieridae), with the description of a new subspecies. *Revista peruana de Entomología* 18(1): 5-9, 17 figs. ("December 1975", 30 June 1976) [general; *P. argante chincha*]

1976c. Notes on Peruvian butterflies (Lepidoptera). II. New *Heliconius* (Nymphalidae) from Cusco and Madre de Dios. *Revista peruana de Entomología* 19(1): 1-7, 6 figs., 3 maps, 2 tabs. ("December 1976", "11 August 1977", [September 1976]) [*H. aoede manu*, *H. elevatus lapis*, *H. erato luscombei*, *H. melpomene schunkei*, *H. xanthocles quindecim*]

1976d. Notas sobre mariposas peruanas (Lepidoptera). III. Sobre una colección efectuada en el Departamento de Tumbes. *Revista peruana de Entomología* 19(1): 8-12, 1 map ("December 1976", "11 August 1977",

[September 1976]) [general]

1976e. A gazetteer of Peruvian entomological stations (based on Lepidoptera). *Revista peruana de Entomología* 19(1): 17-25 ("December 1976", "11 August 1977", [September 1976])

1977a. A preliminary check-list of the butterflies (Lepidoptera) of Peru west of the Andes. *Revista de Ciencias* (Lima) 70(1): 59-77 (30 October) [general]

1977b. Butterflies of the World, por H. L. Lewis. *Revista de Ciencias* (Lima) 70(1): 98-99 (30 October) [book review; general]

1977c. Bibliografía de catálogos y listas regionales de mariposas (Rhopalocera) de América Latina. *Publicaciones especiales. Sociedad mexicana de Lepidopterología* 2: 1-44.

1978a. Mariposas y conservación de la naturaleza en el Perú. *Boletín de la Colonia suiza en el Perú* 1978[4]: 61-66, 4 figs. ([3 July]) [general]

1978b. A new name for *Papilio ceres* Cramer, [1776], nec Fabricius, 1775 (Nymphalidae, Danainae). *Journal of the Lepidopterists' Society* 32(2): 116-117 (19 July) [*Lycorea pieteri*]

1978c. Adiciones a la bibliografía de catálogos y listas regionales de mariposas de América Latina (Rhopalocera). *Boletín informativo. Sociedad mexicana de Lepidopterología* 4(5): 8-14 (September-October)

1979a. Additions and corrections to the check-list of western Peru butterflies (Lepidoptera). *Revista de Ciencias* (Lima) 71(1): 54-61 ([28 February]) [general]

1979b. Algunas reflexiones y sugerencias sobre la creación de Parques Nacionales en el Perú. *Revista de Ciencias* (Lima) 71(1): 101-114, 2 maps ([28 February]) [general; biogeography; conservation]

1979c. Notes on Peruvian butterflies (Lepidoptera). IV. New Ithomiinae (Nymphalidae). *Revista de Ciencias* (Lima) 71(1): 117-120, 3 figs. ([28 February]) [*Patricia oligyrtis nebulosa*, *Rhodussa cantobrica schunkeae*, *Hypothyris fluonia uchiza*]

1979d. Otto Michael (1859-1934), el cazador de mariposas del Amazonas. *Boletín de la Colonia suiza en el Perú* 1979(2): 36-38, [2] figs. (March) [general; Peru, Brazil]

1979e. *Paititia neglecta*, gen. n., sp. n. from Peru (Nymphalidae, Ithomiinae). *Journal of the Lepidopterists' Society* 33(1): 1-5, 13 figs. (4 June) [general; morphology; ecology]

1979f. Brother Apolinar María (1867-1949) and his contributions to Colombian lepidopterology. *Journal of the Lepidopterists' Society* 33(1): 65-67 (4 June) [general]

1979g. Los Dismorphiinae (Pieridae) de México, América Central y las Antillas. *Revista de la Sociedad mexicana de Lepidopterología* 5(1): 3-37, figs. 1-60 (30 October) [general; new subspecies: *Pseudopieris nehemia irma*, *P. n. francisca*, *P. n. luisa*, *Lieinix nemesis megaera*, *Dismorphia amphiona lupita*]

1979h. The Ithomiinae represented in Jones' unpublished "Icenes", and the identity of the Fabrician species *Papilio hyalinus* and *obscuratus* (Lepidoptera, Nymphalidae). *Brenesia* (San José) 16: 101-106, 1 fig. ("June", [October]) [general]

1980a. See Silberglied, R. E. et al., 1980.

1980b. A revision of the genera *Hypomenitis* Fox and *Veladyris* Fox (Lepidoptera: Nymphalidae, Ithomiinae). *Revista de Ciencias* (Lima) 72(1): 36-46, 9 figs. (June) [new subspecies: *V. pardalis aurea*, *V. p. christina*; Ecuador, Peru, Bolivia]

1980c. Notas sobre mariposas peruanas (Lepidoptera). V. Las

- especies descritas por W. von Fuchs (1954). *Revista de Ciencias* (Lima) 72(1): 86-89 (June) [general]
- 1980d. Two Boisduval manuscript generic names first published by Lacordaire in 1833. *Journal of the Lepidopterists' Society* 34(2): 85 (23 September) [*Lucidia*, *Peridromia*]
- 1981a. La fauna de mariposas de la Reserva de Tambopata, Madre de Dios, Perú (Lepidoptera, Papilionoidea y Hesperioidea). *Revista de la Sociedad mexicana de Lepidopterología* 6(2): 23-40, 2 figs., 1 tab. (15 March) [general]
- 1981b. Introducción a la Historia de la Entomología en el Perú. I. Inicios y período exploratorio pre-darwiniano. *Revista peruana de Entomología* 23(1): 17-25 ("December 1980", [June] 1981) [*Ascia monuste suasa* (Boisduval), *Danaus plexippus nigrippus* (Haensch)]
- 1981c. Introducción a la Historia de la Entomología en el Perú. II. Período de los viajeros, colectores y estudiosos especializados. *Revista peruana de Entomología* 23(1): 25-37 ("December 1980", [June] 1981) [general]
- 1981d. Una nueva subespecie de *Pseudolycaena marsyas* (Lepidoptera: Lycaenidae) del oeste del Perú. *Revista peruana de Entomología* 23(1): 143-144, 2 figs. ("December 1980", [June] 1981) [*P. m. nellyae*; host plants]
- 1981e. Pasado, presente y futuro de los estudios sobre mariposas neotropicales en América Latina. *Simposia y Conferencias. IV Congreso latinoamericano de Entomología* (Maracay), pp. D39-D57, 1 tab., 2 maps (5 July) [general]
- 1981f. Notes on Peruvian butterflies (Lepidoptera). VI. Twelve new Pieridae. *Revista de Ciencias* (Lima) 73(1): 44-53, 18 figs. (December) [*Colias flaveola erika*, *Zerene cesonia limonella*, *Phoebis agarithe tumbesina*, *Eurema albula totora*, *E. arbela ruizana*, *E. nigrocincta hockingi*, *Appias drusilla tenuis*, *Perrhybris pamela berthia*, *P. p. mazuka*, *Phulia nannophyes galera*, *Tatochila sagittata herrerae*, *T. xanthodice paucar*]
- 1981g. Notas sobre mariposas peruanas (Lepidoptera). VII. Las especies descritas por A. Dufrane (1939-1948). *Revista de Ciencias* (Lima) 73(1): 54-61 (December) [general]
- 1982a. Un nuevo registro de *Paititia neglecta* Lamas (Nymphalidae: Ithomiinae). *Revista de la Sociedad mexicana de Lepidopterología* 7(1): 15-16 (25 February) [Peru]
- 1982b. See Maza, J. de la & G. Lamas, 1982.
- 1982c. A preliminary zoogeographical division of Peru, based on butterfly distributions (Lepidoptera, Papilionoidea), pp. 336-357, 6 figs. In: Prance, G. T. (Ed.), *The Biological Model for Diversification in the Tropics*. New York, Columbia University Press. [general]
- 1983a. Adiciones y correcciones a la lista de mariposas de la Reserva de Tambopata, Perú. *Revista de la Sociedad mexicana de Lepidopterología* 8(1): 13-24 (15 August) [general]
- 1983b. Mariposas atraídas por hormigas legionarias en la Reserva de Tambopata, Perú. *Revista de la Sociedad mexicana de Lepidopterología* 8(2): 49-51 (15 August) [Hesperiidae]
- 1983c. How many butterfly species in your backyard? *News of the Lepidopterists' Society* 1983(4): 53-55, 1 tab. (July-August) [general; biogeography; Peru, Brazil]
- 1983d. Occurrence of the "elymi" aberrant phenotype in *Vanessa carye* (Huebner) (Nymphalidae). *Journal of Research on the Lepidoptera* 22(2): 115-117, 1 fig., 1 tab. (20 December) [Peru]
- 1985a. Los Papilionoidea (Lepidoptera) de la Zona Reservada de Tambopata, Madre de Dios, Perú. I. Papilionidae, Pieridae y Nymphalidae (en parte). *Revista peruana de Entomología* 27: 59-73, 23 figs. (30 September) [new taxa: *Pseudopieris nehemia melania*, *Scada reckia labyrinthia*, *Napeogenes inachia patientia*, *Oleria denuda calatha*, *O. ilerda lentita*, *Episcada polita angelita*, *Pteronymia antisao guntheri*, *Hypoleria virginia vitiosa*, *Eueides lampeto concisa*, *E. tales tabernula*, *Heliconius demeter tambopata*, *Pteronymia rina*; host plants]
- 1985b. Preface, pp. [v]-[vii]. In: Second Symposium on Neotropical Lepidoptera. Arequipa, Peru. 1983. *Journal of Research on the Lepidoptera* Supplement 1: [vii] + 104 pp. ([after October]) [general]
- 1986a. Revisión del género *Pagyris* Boisduval (Lepidoptera, Nymphalidae: Ithomiinae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 56(1): 259-276, 20 figs., 1 map (30 August) [new subspecies: *P. ulla vanilla*, *P. u. zorrilla*, *P. u. leonila*, *P. u. carmilla*, *P. u. priscilla*; South America]
- 1986b. Mariposas, ciencia y desarrollo. *Medio Ambiente* (Lima) 13: 17-18, 1 fig. (September) [general]
- 1986c. Drinking crocodile tears. *Antenna* 10(4): 162 (October) [general; Amazonia, Mexico]
- 1986d. Ilustraciones inéditas de lepidópteros mexicanos de la Expedición de Sessé y Moziño (1787-1803). *Revista de la Sociedad mexicana de Lepidopterología* 10(2): 27-34, 14 pls. (30 December) [general]
1987. Nuevas adiciones a la bibliografía de catálogos y listas regionales de mariposas de América Latina (Rhopalocera). *Revista de la Sociedad mexicana de Lepidopterología* 11(1): 17-23 (30 October)
- 1988a. The identity of *Mechanitis doryssus* Bates and *M. saturata* Godman (Lepidoptera: Nymphalidae, Ithomiinae). *Revista peruana de Entomología* 30: 48-50, 2 figs. (16 September) [Central America, Colombia, Venezuela]
- 1988b. Notas nomenclaturales y taxonómicas sobre Heliconiinae (Lepidoptera: Nymphalidae). *Shilap* 16(64): 299-309 (30 December) [general; new subspecies: *Heliconius charitonia antiquus*, *H. ethilla michaelianus*, *H. melpomene malleti*]
- 1989a. Un estimado del grado de cobertura geográfica de la colecta de mariposas (Lepidoptera) en el Perú. *Revista peruana de Entomología* 31: 61-67, 2 maps (30 June) [biogeography; conservation]
- 1989b. Mariposas peruanas: Diversidad y distribución geográfica, pp. 162, 324, 20 figs. In: Peñaherrera, C. (Ed.), *Atlas del Perú*. Lima, Instituto Geográfico Nacional (19 July) [general]
- 1989c. The Neotropical butterflies described by Dewitz in 1877 (Lepidoptera, Rhopalocera). *Entomofauna* 10(17): 273-279 (10 August) [general]
- 1989d. Darwin, Bates, Müller y la Teoría del Mimetismo. *Boletín de Lima* 11(66): 51-56 (November) [general]
- 1990a. See Mallet, J. L. B. et al., 1990.
- 1990b. Biogeography and quaternary history in tropical Latin America. T. C. Whitmore and G. T. Prance (Eds.). *Journal of Research on the Lepidoptera* 28(1/2): 129-131 (25 July) [general; book review]
- 1990c. On the identity of *Pieris peruviana* Lucas, 1852 (Lepidoptera, Pieridae). *Publicaciones del Museo de Historia natural UNMSM* (Lima) (A) 34: 1-2, 1 fig. (15 September) [Peru]
- 1990d. Nota rectificativa sobre el género *Pagyris* Boisduval, 1870 (Lepidoptera, Nymphalidae: Ithomiinae).

- Publicaciones del Museo de Historia natural UNMSM* (Lima) (A) 34: 5 (15 September) [Peru, Bolivia]
- 1990e. A striking aberration of *Heliconius charitonia peruvianus* C. Felder & R. Felder, 1859 (Lepidoptera, Nymphalidae). *Publicaciones del Museo de Historia natural UNMSM* (Lima) (A) 34: 8, 1 fig. (15 September) [Peru]
1991. An annotated list of lepidopterological journals. *Journal of Research on the Lepidoptera* 29(1/2): 92-104 (31 December)
- 1992a. Los Ithomiinae descritos por J. Röber (Lepidoptera: Nymphalidae). *Shilap* 20(78): 175-178 (30 June) [general]
- 1992b. Síntesis histórica de la lepidopterología en América Latina. *Publicaciones especiales. Museo de Zoología. Universidad nacional autónoma de México* 5: 75-97. [general]
- 1993a. Lepidópteros del Perú. *Actas. Academia nacional de Ciencia y Tecnología* (Lima) 1(1): 19-22, 2 tabs. (June) [general; diversity]
- 1993b. Lista comentada de los píeridos americanos descritos por J. Röber (Lepidoptera: Pieridae). *Shilap* 21(83): 139-155 (30 September) [general]
- 1993c. *Pieris guarani* Köhler, 1923, descrita de Argentina, es una especie africana (Lepidoptera, Pieridae). *Revista peruana de Entomología* 35: 11-12 ("30 June", 20 October)
- 1993d. See Brévignon, C. & G. Lamas, 1993.
- 1994a. See Bálint, Z. & G. Lamas, 1994.
- 1994b. Butterflies of the Explorer's Inn Reserve, pp. 62-63, 162-177. In: Foster, R. B., J. L. Carr & A. B. Forsyth (Eds.), The Tambopata-Candamo Reserved Zone of Southeastern Perú: A Biological Assessment. *RAP Working Papers* 6: [ii] + 184 pp. (November) [general]
- 1994c. Butterflies of the Pampas del Heath, pp. 73-74, 178-184. In: Foster, R. B., J. L. Carr & A. B. Forsyth (Eds.), The Tambopata-Candamo Reserved Zone of Southeastern Perú: A Biological Assessment. *RAP Working Papers* 6: [ii] + 184 pp. (November) [general]
- 1994d. Los Danainae e Ithomiinae descritos por R. Haensch (Lepidoptera: Nymphalidae). *Shilap* 22(88): 271-297 (30 December) [general; new name: *Oleria fumata richardina*; Central and South America]
- 1994e. Megadiversidad biológica. ¿Porqué hay tantas especies de mariposas en el Perú? *Actas. Academia nacional de Ciencia y Tecnología* (Lima) 2(2): 3-12, 2 tabs. (December) [general]
- 1995a. See Aguilar, P. G. et al., 1995.
- 1995b. Las mariposas sudamericanas descritas por Vincenz Kollar (Lepidoptera). *Revista peruana de Entomología* 37: 55-58 (11 September) [*Papilio*, Pieridae, *Euterpe*, *Morpho*; Brazil, Colombia, Venezuela]
- 1995c. Comentarios taxonómicos y nomenclaturales sobre ninfálicos neotropicales (Lepidoptera: Nymphalidae), con la descripción de ocho subespecies nuevas. *Revista peruana de Entomología* 37: 59-71 (11 September) [new subspecies: *Abanote hylonome basilía*, *Anartia amathea colima*, *Mazia amazonica cocha*, *M. a. tambopata*, *Epiphile dilecta jenkinsi*, *Diaethria nystographa perezii*, *Perisama bomplandii velasteguii*, *Marpesia petreus rheophila*; new name: *Historis odius dious*]
- 1995d. A critical review of J. Y. Miller's Checklist of the Neotropical Castniidae (Lepidoptera). *Revista peruana de Entomología* 37: 73-87 (11 September) [*Castnia pelopia* Houlbert]
- 1995e. Observaciones adicionales sobre los tipos de Pieridae americanos descritos por J. Röber (Insecta: Lepidoptera). *Shilap* 23(91): 343-345 (30 September) [general]
- 1995f. Biodiversidad en la Cordillera del Cóndor. *Actas. Academia nacional de Ciencia y Tecnología* (Lima) 2(3): 6-8 (October) [general; Peru, Ecuador]
- 1995g. Los Apaturinae y Charaxinae americanos descritos por J. Röber (Lepidoptera: Nymphalidae). *Shilap* 23(92): 353-359 (30 December) [general]
- 1996a. Mariposas batesianas: El surgimiento de la lepidopterología evolucionista. *Alma Máter* (Lima) 11: 78-91, figs. (March) [general; history]
- 1996b. See Medina, M. C. et al., 1996.
- 1996c. See Robbins, R. K. et al., 1996.
- 1997a. Lepidoptera of the Cordillera del Cóndor, pp. 90-98, 212-230. In: Schulenberg, T.S. & K. Awbrey (Eds.), The Cordillera del Cóndor Region of Ecuador and Peru: A biological assessment. *RAP Working Papers* 7: 1-231 (January) [general]
- 1997b. See Bálint, Z. & G. Lamas, 1997.
- [1997]c. Nota rectificativa sobre *Cethosia judith* Guérin, [1844] (Lepidoptera: Nymphalidae, Heliconiinae). *Revista peruana de Entomología* 39: 19-20 ("December 1996" [18 February 1997]) [Colombia]
- [1997]d. Lista comentada de los nombres propuestos para los Acraeini neotropicales, y su material-tipo (Lepidoptera: Nymphalidae, Heliconiinae). *Revista peruana de Entomología* 39: 29-48 ("December 1996" [18 February 1997]) [general]
- [1997]e. Diez notas sinonímicas sobre Satyrinae neotropicales, con la descripción de dos subespecies nuevas de Perú y Ecuador (Lepidoptera: Nymphalidae). *Revista peruana de Entomología* 39: 49-54 ("December 1996" [18 February 1997]) [general; new taxa: *Corades ulema mirianae*, *C. pannonia condorita*, *Magneuptychia fugitiva*]
- 1997f. Additions and corrections to the Bibliography of Butterflies, Atlas of Neotropical Lepidoptera. *Lepidoptera News* (Gainesville) 1997(1): 4-18 (March)
- 1997g. See Roque, L. et al., 1997.
- 1997h. Comparing the butterfly faunas of Pakitza and Tambopata, Madre de Dios, Peru, or why is Peru such a mega-diverse country?, pp. 165-168, 2 tabs. In: Ulrich, H. (Ed.), *Tropical Biodiversity and Systematics*. Bonn, Zoologisches Forschungsinstitut und Museum Alexander Koenig. [general]
- 1998a. Comentarios taxonómicos y nomenclaturales sobre Heliconiini neotropicales, con designación de lectotipos y descripción de cuatro subespecies nuevas (Lepidoptera: Nymphalidae: Heliconiinae). *Revista peruana de Entomología* 40: 111-125, 5 figs. ("December 1997", [24] April 1998) [*Eueides libitina malleti*, *Heliconius erato cruentus*, *H. ethilla neukircheni*, *H. timareta timoratus*]
- 1998b. Cinco papilionidos nuevos del Perú (Lepidoptera: Papilionidae). *Revista peruana de Entomología* 40: 127-131, 11 figs. ("December 1997", [24] April 1998) [*Battus madyes buechei*, *B. polydamas renani*, *B. p. weyrauchi*, *Parides erithalion racheliorum*, *P. phosphorus zopyron*]
- 1998c. Lista sinonímica de los géneros *Cithaerías* Hübner y *Haetera* Fabricius (Lepidoptera: Nymphalidae: Satyrinae), con la descripción de dos subespecies nuevas del Perú. *Revista peruana de Entomología* 40: 133-138, 4 figs. ("December 1997", [24] April 1998) [*C. pireta tambopata*, *H. piera pakitza*]
- 1998d. Additions and corrections to the Bibliography of

- Butterflies in the Atlas of Neotropical Lepidoptera. No. II. Comprising mostly works published during 1996 and 1997. *Lepidoptera News* 1998(3): 34-56 ("30 October", [17 November])
- 1999a. See Bálint, Z. & G. Lamas, 1999.
- 1999b. Perú: País de mariposas/Peru: Land of butterflies. *Rumbos de Sol & Piedra* (Lima) 4(14): 6-19, figs. ([February]) [general]
- 1999c. Las mariposas sudamericanas descritas por Ambrosio Fernández (Lepidoptera: Papilionoidea). *Shilap* 27(105): 131-137, 12 figs. (30 March) [general]
- 1999d. Nomenclatural *faux-pas* among Western North American butterflies. *Lepidoptera News* 1999(2): 7-8 ("30 June" [19 August]) [general; Mexico]
- 1999e. A remarkable new species of *Pedaliodes* (Lepidoptera: Nymphalidae, Satyrinae) from the Cordillera de Vilcabamba, Cuzco, Perú. *Revista peruana de Entomología* 41: 28-30, 3 figs. (20 October) [*P. phoenix*]
- 1999f. See Miller, L. D. & G. Lamas, 1999.
- 1999g. Two new *Doxocopa* from Western Peru and Ecuador (Lepidoptera: Nymphalidae, Apaturinae). *Revista peruana de Entomología* 41: 36-37, 2 figs. (20 October) [*D. cyane vespertina*, *D. linda carwa*]
- 1999h. Los Melitaeini americanos descritos por J. Röber (Lepidoptera: Nymphalidae, Nymphalinae). *Revista peruana de Entomología* 41: 38-44 (20 October) [general]
- 1999i. The identity of *Taygetis vrazii* Kheil, 1896 (Lepidoptera: Nymphalidae, Satyrinae). *Revista peruana de Entomología* 41: 141-142, 2 figs. (20 October) [Venezuela, Brazil, Peru]
- 1999j. See Aguilar, P. G. et al., 1999.
- 1999k. Additions and corrections to the Bibliography of Butterflies in Atlas of Neotropical Lepidoptera. No. III. Comprising mostly works published in 1998. *Lepidoptera News* 1999(3): 33-43 ("30 November" [13 December])
- 1999l. *Nymphalidae* II. *Ithomiinae*. In: Bauer, E. & T. Frankenbach (Eds.), *Schmetterlinge der Erde. Tagfalter*. Keltern, Goecke & Evers. 3: 1-17, 16 pls. [general]
2000. *Estado actual del conocimiento de la sistemática de los lepidópteros, con especial referencia a la Región Neotropical*, pp. 253-260, 3 tabs. In: Martín-Piera, F., J. J. Morrone & A. Melic (Eds.), *Hacia un Proyecto CYTED para el Inventario y Estimación de la Diversidad Entomológica en Iberoamérica: PRIBES 2000*. Zaragoza, Sociedad Entomológica Aragonesa. [general]
- 2001a. Additions and corrections to the Bibliography of Butterflies, in the Atlas of Neotropical Lepidoptera. IV. Comprising mostly works published in 1999. *Lepidoptera News* 2000(3): 21-35 (31 January) [general]
- 2001b. See Hall, J. P. W. & G. Lamas, 2001.
- 2001c. Rediscovery of the holotype of *Calephelis costaricicola* Strand, 1916 (Lepidoptera: Riodinidae). *Revista peruana de Entomología* 42: 20 ([18 May]) [Costa Rica]
- 2001d. Los Papilionidae y Nymphalidae (Morphinae, Satyrinae, Biblidinae y Heliconiinae) americanos descritos por J. Röber (Lepidoptera). *Revista peruana de Entomología* 42: 27-40 ([18 May]) [general]
- 2001e. Los Riodinidae, Lycaenidae y Hesperidae americanos descritos por J. Röber (Lepidoptera). *Revista peruana de Entomología* 42: 41-48 ([18 May]) [general]
- 2001f. Mariposas de Buenos Aires. *Revista peruana de Entomología* 42: 225-227 ([18 May]) [general; book reviews]
- 2001g. See Willmott, K. R., J. P. W. Hall et al., 2001.
- 2001h. See Joron, M. et al., 2001.
- 2002a. Name correction... *News of the Lepidopterists' Society* 44(2): 46 (15 July) [*Dione juno huascuma* (Reakirt)]
- 2002b. See Robbins, R. K. & G. Lamas, 2002.
- 2002c. *Las mariposas diurnas del Santuario Histórico Machu Picchu*, pp. 54-60, 1 fig. In: Tovar, A., Z. Cruz & C. Morán (Eds.), *Biodiversidad del Santuario Histórico de Machu Picchu: Estado actual del conocimiento*. Lima, PROFONANPE (October) [general; Peru]
- 2002d. Additions and corrections to the *Bibliography of Butterflies*, in the *Atlas of Neotropical Lepidoptera*. No. V. Comprising mostly works published in 2000. *Lepidoptera News* 2002(1/2): 49-64 (31 December) [general]
- 2003a. *Las Mariposas de Machu Picchu. Guía ilustrada de las mariposas del Santuario Histórico Machu Picchu, Cuzco, Perú*. Lima, PROFONANPE. [vi] + 221 pp., 34 pls., 5 figs., 1 map ([September]) [general; distribution; behavior; new subspecies: *Leptophobia diaguita mandor*, *L. helena hughesi*, *Necyria bellona ahrenholzi*, *Corades iduna gradosi*, *Oxeoschistus puerta garleppi*, *Panyapedaliodes phila pilla*, *Orophila diotima footei*, *Oleria derondina mandorina*, *O. fasciata melchori*, *O. makrena ochoai*, *O. padilla gorkyi*, *Pteronymia alina mielkei*, *Greta hermana koechlini*]
- 2003b. New names for three Neotropical butterflies (Lepidoptera: Pieridae and Nymphalidae). *Revista peruana de Entomología* 43: 24 ("25 September", [30 October]) [*Enantia lina virna*, *Consul electra adustus*, *Ithomia avella miraculosa*; Mexico, Colombia]
- 2004a. See Robbins, R. K. & G. Lamas, 2004.
- 2004b. See Willmott, K. R. & G. Lamas, 2004.
- 2004c. See Hall, J. P. W. & G. Lamas, 2004.
- 2004d. *Introduction*, pp. xv-xxiii. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general; behavior]
- 2004e. *Papilionidae*, pp. 87-98. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004f. *Pieridae*, pp. 99-117. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004g. *Lycaenidae. Theclinae. Tribe Theclini*, p. 137. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004h. *Lycaenidae. Lycaeninae*, pp. 137-138. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004i. *Lycaenidae. Polyommatinae*, pp. 138-140. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]

- Publishers (12 November) [general]
- 2004j. See Callaghan, C. J. & G. Lamas, 2004.
- 2004k. *Nymphalidae. Libytheinae*, p. 171. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004l. *Nymphalidae. Danainae*, pp. 171-172. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004m. *Nymphalidae. Ithomiinae*, pp. 172-191. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004n. *Nymphalidae. Morphinae. Tribe Morphini*, pp. 192-201. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004o. *Nymphalidae. Satyrinae. Tribe Haeterini*, pp. 205-206. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004p. *Nymphalidae. Satyrinae. Tribe Elymniini*, p. 206. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004q. *Nymphalidae. Satyrinae. Tribe Satyrini. Subtribe Euptychiina*, pp. 217-223. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004r. *Nymphalidae. Satyrinae. Tribe Satyrini. Subtribe Coenonymphina*, p. 223. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004s. *Nymphalidae. Satyrinae. Tribe Satyrini. Subtribe Satyrina*, p. 224. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004t. *Nymphalidae. Charaxinae*, pp. 224-234. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004u. *Nymphalidae. Biblidinae*, pp. 234-247. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004v. *Nymphalidae. Apaturinae*, pp. 248-249. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004w. *Nymphalidae. Nymphalinae*, pp. 249-257. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004x. *Nymphalidae. Limenitidinae*, pp. 257-261. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004y. *Nymphalidae. Heliconiinae*, pp. 261-274. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004z. *Descriptions of new butterfly genera. Nymphalidae: Ithomiinae*, pp. 282-283. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [*Haenschia, Brevioleria*]
- 2004aa. See Le Crom, J. F. et al., 2004.
- 2004ab. Twenty-five new Neotropical Dismorphiinae (Lepidoptera: Pieridae). *Revista peruana de Entomología* 44: 17-36, 47 figs. ("27 November", [15 December]) [*Pseudopieris nehemia jessica*, *P. n. mariana*, *P. viridula mauritia*, *P. v. zulma*, *Dismorphia amphione bertha*, *D. a. mora*, *D. arcadia heloisa*, *D. crisia anamaria*, *D. c. sylvia*, *D. eunoe noelia*, *D. hyposticta ophelia*, *D. h. paulina*, *D. laja rosina*, *D. lelex xiomara*, *D. lewyi rebecca*, *D. lua roberta*, *D. lygdamis beatrix*, *D. lysis mariella*, *D. medora lilianna*, *D. m. juditha*, *D. medorilla sarita*, *D. theucharila elisa*, *Enantia albania nuria*, *E. melite vilma*, *Moschoneura pinthous patricia*; Panama, South America]
- 2005a. A bibliography of the zoological publications of Hans Fruhstorfer (1866\* - 1922†). *Entomofauna* 26(6): 57-98 (30 April)
- 2005b. See Peña, C. & G. Lamas, 2005.
- 2005c. See Whinnett, A. et al., 2005b.
- 2005d. Additions to the *Bibliography of Butterflies*, in the *Atlas of Neotropical Lepidoptera*. No. VI. Comprising mostly works published in 2001. *Lepidoptera News* 2003(1/2): 43-55 (23 November) [general]
- 2005e. See Whinnett, A. et al., 2005c.
- 2006a. See Willmott, K. R. & G. Lamas, 2006.
- 2006b. See Robbins, R. K. & G. Lamas, 2006.
- [2007]a. See Blandin, P. & G. Lamas, [2007].
- [2007]b. Invalidation of six neotypes among Neotropical butterflies (Lepidoptera: Hesperioidea, Pieridae, Lycaenidae and Nymphalidae). *Revista peruana de Entomología* 45: 115-119, 10 figs. ("27 December 2006" [14 February 2007]) [general]
- [2007]c. The identities of *Neonympha nerita* Capronnier, 1881 and *Neonympha thobie* Capronnier, 1881

- (Lepidoptera: Nymphalidae, Satyrinae). *Revista peruana de Entomología* 45: 121-123, 6 figs. ("27 December 2006" [14 February 2007]) [Brazil]
- 2007d. See Hay-Roe, M. M. et al., 2007.
- 2007e. See Willmott, K. R. & G. Lamas, 2007.
- 2007f. See Hall, J. P. W. & G. Lamas, 2007.
- 2007g. See Grieshuber, J. & G. Lamas, 2007.
- 2007h. Four new names for Afrotropical Lycaenidae. *Metamorphosis* 18(4): 128-130 (December) [*Xenandra helius* (Cramer)]
- 2008a. See González, J. M. et al., 2008.
- 2008b. See Robbins, R. K. & G. Lamas, 2008a.
- 2008c. *La sistemática sobre mariposas (Lepidoptera: Hesperioidea y Papilionoidea) en el mundo: Estado actual y perspectivas futuras*, pp. 57-70, 1 tab. In: Llorente, J. E. & A. Lanteri (Eds.), *Contribuciones taxonómicas en órdenes de insectos hiperdiversos*. México, D.F., Universidad Nacional Autónoma de México. (March) [general]
- 2008d. See Willmott, K. R. & G. Lamas, 2008.
- 2008e. See Robbins, R. K. & G. Lamas, 2008b.
- 2008f. See Pycrz, T. W. et al., 2008b.
- 2008g. See Pycrz, T. W. et al., 2008c.
- 2008h. See Pycrz, T. W. et al., 2008d.
- 2008i. See Pycrz, T. W. et al., 2008e.
- 2008j. See Pycrz, T. W. et al., 2008f.
- 2009a. See Pycrz, T. W. et al., 2009a.
- 2009b. See Robbins, R. K. & G. Lamas, 2009.
- 2010a. Nomenclatural notes on Satyrinae (Lepidoptera: Nymphalidae). *Shilap* 38(150): 197-204 (30 June) [new name: *Pharneuptychia haywardiana*]
- 2010b. See Dasmahapatra, K. K. et al., 2010b.
- 2010c. See Pycrz, T. W. et al., 2010.
- 2011a. See Pulido, H. W. et al., 2011.
- 2011b. See Pycrz, T. W. et al., 2011c.
- 2011c. See Vargas, H. A. & G. Lamas, 2011.
- 2011d. See Nieukerken, E. J. van et al., 2011.
- 2012a. See Grieshuber, J. et al., 2012.
- 2012b. See Robbins, R. K. & G. Lamas, 2012.
- 2012c. See Dasmahapatra, K. K. et al., 2012.
- 2012d. See Vásquez, J. et al., 2012.
- 2013a. See Sermeño, J. M. et al., 2013.
- 2013b. See Mérot, C. et al., 2013.
- 2013c. See Robbins, R. K. & G. Lamas, 2013.
- 2014a. See Ríos, S. D. et al., 2014.
- 2014b. See Cerdeña, J. A. et al., 2014.
- 2014c. See Siewert, R. R. et al., 2014e.
- 2014d. *Morpho egyptus* Deyrolle, 1860, the forgotten name of the largest South American butterfly (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 119(3): 381-386 ([16] September) [*Morpho cisseis* C. Felder & R. Felder; Brazil; nomenclature]
- 2015a. See Nakahara, S. et al., 2015d.
- 2015b. See Vargas, H. A. et al., 2015.
- 2015c. See Neild, A. F. E. et al., 2015.
- 2015d. See Nakahara, S. et al., 2015e.
- 2016a. See Freitas, A. V. L. et al., 2016a.
- 2016b. See Maza, R. G. et de la et al., 2016.
- 2016c. See Cerdeña, J. A. et al., 2016.
- 2016d. See Huertas, B. C. et al., 2016.
- 2016e. See Chazot, N. et al., 2016c.
- 2016f. See Nakahara, S. et al., 2016d.
- 2017a. See Silva, D. L. de et al., 2017.
- 2017b. See Vásquez, J. et al., 2017.
- 2017c. See Dolibaina, D. R. et al., 2017a.
- 2017d. See Nattier, R. et al., 2017.
- 2017e. See Willmott, K. R. et al., 2017c.
- 2017f. See Arias, C. F. et al., 2017.
- 2017g. See Vásquez, J. et al., 2017b.
- 2018a. See Nakahara et al., 2018.
- 2018b. See Chazot, N. et al., 2018.
- 2018c. See Barbosa, E. de P. et al., 2018.
- 2018d. See Benmesbah, M. et al., 2018.
- 2018e. See Willmott, K. R. et al., 2018.
- 2018f. See Nakahara et al., 2018b.
- [2018]g. See Vásquez, J. et al., [2018].
- 2019a. See Dias, F. M. S. et al., 2019b.
- 2019b. See Espeland, M. et al., 2019.
- 2019c. See Nakahara, S. et al., 2019a.
- 2019d. See Rosser, N. et al., 2019a.
- 2019e. See Willmott, K. R. et al., 2019.
- 2019f. See Brévignon, C. et al., 2019.
- 2019g. See Chazot, N. et al., 2019a.
- 2019h. See Marin, M. A. et al., 2019.
- 2019i. See Nakahara, S. et al., 2019b.
- 2019j. See Nakahara, S. et al., 2019c.
- Lamas, Gerardo, and Maurizio Bollino**
2004. Revisional notes on the "*amastris*" group of *Catasticta* Butler, 1870 (Lepidoptera: Pieridae), with descriptions of new species and subspecies. *Zootaxa* 605: 1-19, pls. 1-2, 2 figs. (13 August) [new taxa: *C. vilcabamba*, *C. abiseo*, *C. marcapita boettgeri*, *C. semiramis costarum*, *C. s. willmotti*; Colombia, Venezuela, Ecuador, Peru, Bolivia]
- Lamas, Gerardo, and Lilia Aurora Campos**
- [2007]. Inventario biológico rápido de mariposas diurnas (Lepidoptera: Rhopalocera) en Huamanpata, Amazonas, Perú. *Folia amazónica* (Iquitos) 15(1/2): 101-115, 8 tabs. ("2006", [2007]; published online 27 August 2011) [general]
- Lamas, Gerardo, Lilia Aurora Campos and Juan José Ramírez**
2003. *Mariposas de la Zona Reservada Allpahuayo-Mishana, Iquitos, Loreto, Perú (Lepidoptera: Hesperioidea y Papilionoidea)*. Iquitos, Instituto de Investigaciones de la Amazonia Peruana (IIAP), Programa de Biodiversidad (PBIO). 29 pp., 11 pls., 1 map. [general]
- Lamas, Gerardo, and Juan Grados**
- [1997]. Mariposas de la Cordillera del Sira, Perú (Lepidoptera: Papilionoidea y Hesperioidea). *Revista peruana de Entomología* 39: 55-61, 1 tab. ("December 1996" [18 February 1997]) [general]
1998. Sinopsis de los Hedylidae (Lepidoptera) del Perú. *Revista peruana de Entomología* 40: 107-109 ("December 1997", [24] April 1998) [general; distribution]
2001. Lepidoptera of two sites in the Northern Cordillera de Vilcabamba, Peru, pp. 147-148, 276-278. In: Alonso, L. E., A. Alonso, T. S. Schulenberg & F. Dallmeier (Eds.), *Biological and social assessments of the Cordillera de Vilcabamba, Peru. RAP Working Papers* 12. (June) [general]
2004. *Yramea lynx* sp. nov. (Lepidoptera: Nymphalidae, Heliconiini) from the Andes of central Peru. *Revista peruana de Entomología* 44: 47-50, 7 figs. ("27 November", [15 December])
- Lamas, Gerardo, Juan Grados and Gorky Valencia**
1999. Las mariposas de Machu Picchu, Cuzco, Perú: Un inventario preliminar (Lepidoptera: Rhopalocera). *Revista peruana de Entomología* 41: 1-8, 1 tab. (20 October) [general]
- Lamas, Gerardo, and Christopher David Jiggins**
2017. *Taxonomic list*, pp. 214-244. In: Jiggins, C. D., *The ecology and evolution of Heliconius butterflies*. New

- York, Oxford University Press. ix + 277 pp., 30 pls., figs., tabs. ([22 February]) [general; Neotropics]
- Lamas, Gerardo, and José Mariano Lamas**  
1981. Introducción a la Historia de la Entomología en el Perú. III. Albores de la entomología económica. *Revista peruana de Entomología* 23(1): 32-37 ("December 1980", [June] 1981) [general]
- Lamas, Gerardo, and James Louis Borlase Mallet**  
2005. Case 3320. *Papilio sapho* Drury 1782 (currently *Heliconius sapho*; Insecta, Lepidoptera): proposed conservation of the specific name. *Bulletin of zoological Nomenclature* 62(1): 21-24 (31 March)
- Lamas, Gerardo, and Javier de la Maza**  
1978. Nuevos Ithomiinae de México y América Central (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 4(1): 3-6, 4 figs. (30 June) [*Oleria zea diazi*, *Greta annette championi*, *Episcada salvinia portilla*, *E. s. opleri*, *Pteronymia simplex fenochioi*]
- Lamas, Gerardo, Olaf Hermann Hendrik Mielke and Robert Kanner Robbins**  
1993. The Ahrenholz technique for attracting tropical skippers (Hesperiidae). *Journal of the Lepidopterists' Society* 47(1): 80-82, 1 fig. (24 February) [general; behavior]
- Lamas, Gerardo, and Shinichi Nakahara**  
2015. Nomenclatural status of *Euptychia mollina* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 3946(4): 587-590, 1 fig. (13 April) [Brazil]
- Lamas, Gerardo, and José Enrique Pérez**  
1983a. Danainae e Ithomiinae (Lepidoptera, Nymphalidae) atraídos por *Heliotropium* (Boraginaceae) en Madre de Dios, Perú. *Revista peruana de Entomología* 24(1): 59-62, 2 tabs. (30 May) [general]  
1983b. Las mariposas del Parque Nacional Huascarán (Ancash, Perú) y su medio ambiente: Sector Llanganuco. *Boletín de Lima* 5(30): 27-37, 50 figs., 1 map ([18] November) [general; bionomics]  
1987. Lepidópteros de importancia médica. *Diagnóstico* (Lima) 20(4): 121-125 (October) [general; ethnoentomology; Neotropics]
- Lamas, Gerardo, Juan José Ramírez and Robert Kanner Robbins**  
2004. The first known female of *Megathecla gigantea* (Hewitson, 1867) (Lepidoptera: Lycaenidae: Eumaeini). *Revista peruana de Biología* 11(1): 99-102, 3 figs. (September) [behavior; distribution; Peru, Ecuador, Brazil]
- Lamas, Gerardo, Richard G. Robbins and William Dewitt Field**  
1995. *Bibliography of butterflies. An annotated bibliography of the Neotropical butterflies and skippers (Lepidoptera: Papilionoidea and Hesperioidea)*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera*. Gainesville, Association for Tropical Lepidoptera. 124: xiv + 463 pp.
- Lamas, Gerardo, and Robert Kanner Robbins**  
2009. A replacement name for *Thecla maculata* Lathy, 1936 (Lepidoptera: Lycaenidae, Eumaeini). *Proceedings of the entomological Society of Washington* 111(3): 758 (27 July) [*Enos polka*]
- Lamas, Gerardo, Robert Kanner Robbins and Donald James Harvey**  
1991. A preliminary survey of the butterfly fauna of Pakitzta, Parque Nacional del Manu, Peru, with an estimate of its species richness. *Publicaciones del Museo de Historia natural UNMSM* (Lima) (A) 40: 1-19, 2 figs. (12 March) [general]  
[1997]. Mariposas del alto Río Napo, Loreto, Perú (Lepidoptera: Papilionoidea y Hesperioidea). *Revista peruana de Entomología* 39: 63-74, 1 fig., 4 tabs. ("December 1996" [18 February 1997]) [general]
- Lamas, Gerardo, Robert Elliot Silberglied and Annette Aiello**  
1982. *Papilio fatima* Fabricius, 1793 (Insecta: Lepidoptera): Request for conservation under the Plenary Powers. Z.N.(S.)2351. *Bulletin of zoological Nomenclature* 39(1): 61-63 (11 March)
- Lamas, Gerardo, and Gordon Burgess Small, Jr.**  
1992. *Catalogue of the Nymphalinae of Panama (Lepidoptera: Nymphalidae)*, pp. 554-566. In: Quintero, D. & A. Aiello (Eds.), *Insects of Panama and Mesoamerica. Selected studies*. Oxford, Oxford University Press. [general]
- Lamas, Gerardo, and Roger Vila**  
2004. Rediscovery of *Mimoniades baroni* (Godman & Salvin, 1895) (Lepidoptera: Hesperioidea: Pyrrhopyginae). *Revista peruana de Biología* 11(1): 95-98, 2 figs. (September) [behavior; distribution; Peru]
- Lamas, Gerardo, and Ángel Luis Viloria**  
2004a. *Nymphalidae. Satyrinae. Tribe Satyrini. Subtribe Erebiina*, pp. 215-216. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]  
2004b. *Nymphalidae. Satyrinae. Tribe Satyrini. Subtribe Hypocystina*, pp. 216-217. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]  
2004c. *Nymphalidae. Satyrinae. Tribe Satyrini. Subtribe incertae sedis*, p. 224. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- Lamas, Gerardo, Ángel Luis Viloria and Tomasz Wilhelm Pyrcz**  
2004. *Nymphalidae, Satyrinae. Tribe Satyrini. Subtribe Pronophilina*, pp. 206-215. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- Lamas, José Mariano** [1906-2007]  
1941. Memorias del Jefe de Sección encargado de la Sub-Estación Entomológica de Pativilca. *Memoria. Estación experimental agrícola de La Molina* (Lima) 13: 189-200. [Hesperioidea; Peru]  
1981. See Lamas, G. & J. M. Lamas, 1981.
- Lamas, José Mariano, and Enrique Colmenares**  
1935. Informe sobre la visita de inspección a Huando, efectuada en marzo de 1934. *Boletín de la Dirección de Agricultura y Ganadería* (Lima) 5(17): 136-141, 4 figs. (30 June) [*Papilio thoas* Linnaeus; host plant; Peru]
- Lamb, Kenneth Percival** [1922-1977]  
1974. *Economic entomology in the tropics*. London, Academic Press. vii + 195 pp., 31 figs., 26 tabs. [*Brassolis sophorae* (Linnaeus); host plant; Guyana]
- Lambert, Sabrina Mota**  
2006. See Colaço, M. Â. da S. et al., 2006.
- Lambrot, Marie Lilianne**  
2000. See Guerrero, M. A. et al., 2000.

- Lamdan, Samuel**  
1952. See Costa, J. J. et al., 1952.
- Lamont, Norman** [1869-1949]  
1917. Notes on the butterflies of Tobago. *Proceedings of the agricultural Society of Trinidad and Tobago* 1917(701): 400-402 (October) [general]
- Lamotte, Maxime Georges** [1920- ], and **Patrick Blandin**  
1985. *La transformation des écosystèmes cadre et moteur de l'évolution des espèces*, pp. 161-190, 12 figs. In: Bullini, L., M. Ferraguti, F. Mondella & A. Oliverio (Eds.), *La vita e la sua storia. Stato e prospettive degli studi di genetica*. Milano, Scientia. [*Heliconius*; coevolution; mimicry]
- Land, M. F.**  
1972. The physics and biology of animal reflectors. *Progress in Biophysics and molecular Biology* 24: 75-106, 16 figs., 2 tabs. [*Morpho*]
- Landa, Giovanni Guimarães**  
2008. See Silva, A. R. M. et al., 2008.
- Lande, Russell**  
1997. See DeVries, P. J. et al., 1997.  
1999. See DeVries, P. J. et al., 1999.  
2002. See Engen, S. et al., 2002.  
2004. See Walla, T. R. et al., 2004.  
2012a. See Grøtan, V. et al., 2012.  
2012b. See Tufto, J. et al., 2012.  
2014. See Grøtan, V. et al., 2014.  
2015. See Penz, C. M. et al., 2015.
- Lande, Russell, Philip James DeVries and Thomas Robert Walla**  
2000. When species accumulation curves intersect: implications for ranking diversity using small samples. *Oikos* 89(3): 601-605, 2 figs., 1 tab. (June) [general; Ecuador]
- Landero, Ivonne**  
2011. See Ramos, J. et al., 2011.
- Landing, Benjamin Harrison** [1920-2000]  
1984. *Factors in the distribution of butterfly color and behavior patterns - selected aspects*. Los Angeles, Author. [4] + ii + 200 pp., figs., tabs. (February) [general]  
1986. Rebuttal to Murphy on Factors to the Distribution of Butterfly Color and Behavior Patterns - Selected Aspects. *Journal of Research on the Lepidoptera* 25(1): 67-70 (1 October) [general]
- Landman, Wjibren**  
1999. *Butterfly encyclopedia*. Groningen, Rebo Productions Ltd. 272 pp., figs. [general]
- Landry, Bernard**  
1998. See Peck, S. B. et al., 1998.  
2006. See Causton, C. E. et al., 2006.
- Landry, Jean-François**  
2009. See Janzen, D. H. et al., 2009.  
2011. See Nieukerken, E. J. van et al., 2011.
- Landwehr, John**  
1976. *Studies in Dutch books with coloured plates published 1662-1875. Natural history, topography and travel, costumes and uniforms*. The Hague, Dr. W. Junk B. V. x + 135 + xvii + 605 pp., 16 pls., figs. [general]
- Lane, Frederico, Jr.** [1901-1979]  
1935. See Lane, J. & F. Lane, Jr., 1935.  
1942. *Comentários sobre o livro VII de Marcgrave (Insetos)*, pp. lxxxviii-lxxxix. In: Marcgrave, G., *História natural do Brasil*. São Paulo, Museu Paulista. [4] + iv + [xii] + 297 + [2] + civ pp., figs. [translated by J. P. de Magalhães; edited by A. de E. Taunay] [general]  
1946. *Comentários sobre o livro VII (Insetos) da Historia naturalis brasiliae de Jorge Marcgrave*. São Paulo, Departamento de Zoologia, Secretaria da Agricultura, Indústria e Comercio. [4] + 6 pp. [general; Brazil]
- Lane, John** [= João] (of São Paulo) [1905-1963]  
1933. A few notes on butterfly parasitism. *Revista de Biologia e Hygiene* (São Paulo) 4: 75-78, 2 figs., 2 tabs. [*Thyridia themisto* Hübner, Papilionidae?; parasitoids; Brazil]
- Lane, John, and Frederico Lane, Jr.**  
1935. Notas sobre parasitismo em borboletas. *Revista do Museu paulista* (São Paulo) 19: 443-445 (25 October) [*Papilio* sp.; parasitoid; Brazil]
- Lane, John** (of California)  
1984. The status of monarch butterfly overwintering sites in Alta California. *Atala* 9(1/2) 17-20, 1 fig. (April) [*Danaus plexippus* (Linnaeus); Mexico]  
1985. California's monarch butterfly trees. *Pacific Discovery* 38(1): 13-15, 3 figs. (January-March) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Lane, Karla A., Kathleen M. Lucas and Jayne E. Yack**  
2008. Hearing in a diurnal, mute butterfly, *Morpho peleides* (Papilionoidea, Nymphalidae). *Journal of comparative Neurology* 508(5): 677-686, 8 figs. (10 June; published online 3 April) [morphology; behavior; evolution]
- Lane, Richard P.**  
1984. *Host specificity of ectoparasitic midges on butterflies*, pp. 105-108, 3 tabs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
- Lanfranco, Silvio**  
1924. La oruga del *Phoenix*. *Pseudosarbia phoenicicola* Berg. *Boletín de Agricultura y Ganadería de la Provincia de Buenos Aires* 5(11): 13-15. [Argentina; eggs, larva, pupa, imago; host plant]  
1926. Dos orugas que deben combatirse. *Revista del Ferrocarril Sud* (Buenos Aires) 2: 27, 33, 4 figs. [*Pseudosarbia phoenicicola* Berg; life history; Argentina]  
1935. *Principales enfermedades y enemigos de las plantas comunes. Como se combaten - Tratamientos. Plantas perjudiciales a los campos y sembrados (malezas). Extirpación de hormigueros*. La Plata, Ministerio de Obras Públicas. 112 pp., figs. [*Papilio thoantiades* Burmeister, *Pseudosarbia phoenicicola* Berg; life histories; Argentina]
- Lang, Heinrich Gottlob** [1739-1809]  
1782. *Verzeichniss seiner Schmetterlinge, meistens in den Gegenden um Augsburg gesammelt, und in drei Tafeln eingetheilt: mit den Linneischen, auch deutschen und französischen Namen, und Anführung derjenigen Werke, worin sie mit Farben abgebildet sind*. Augsburg, Eberhard Kletts sel. Wittib und Franck. 60 pp. (after 9 August) [general; Neotropics]  
1789. *Verzeichniss seiner Schmetterlinge, in den Gegenden um Augsburg gesammelt, und nach dem Wiener systematischen Verzeichniss eingetheilt, mit dem Linneischen, auch deutschen und französischen Namen, und Anführung derjenigen Werke, worin sie mit Farben abgebildet sind*. Augsburg, Eberhard Kletts sel. Wittwe und Franck. xxviii + 226 pp. (Ed. 2) [general; Neotropics]
- Lange, Denise**  
2013. See Rios, G. G. et al., 2013.  
2014. See Bächtold, A. et al., 2014a.
- Langer, G.**  
1943-44. Gattung *Callitaera* Btlr. (Satyridae, Lep.). *Entomologische Zeitschrift* 57(15): 113-114, 2 figs. (1



- November 1943), (23): 179-180, 1 fig. (1 April 1944); 58(2): 15-16, 4 figs. (1 May 1944), (3): 19-20, 3 figs. (1 June 1944) [general; new taxa: *C. aura*, *C. philis* female form *hyacinthina*, *C. pyropina* variety *rosacea*, *C. songoana*; Brazil, Peru, Bolivia]
- Langer, Helmut, and Göran Struве**  
1972. Spectral absorption by screening pigment granules in the compound eye of the butterflies (*Heliconius*). *Journal of comparative Physiology* 79(2): 203-212, 6 figs., 1 tab. (27 July) [general; spectrophotometry; Trinidad]
- Langham, Gary M.**  
2004. Specialized avian predators repeatedly attack novel color morphs of *Heliconius* butterflies. *Evolution* 58(12): 2783-2787, 2 figs., 1 tab. (30 December) [Venezuela]  
2006. Rufous-tailed jacamars and aposematic butterflies: do older birds attack novel prey? *Behavioral Ecology* 17(2): 285-290, 3 figs., 3 tabs. (March; published online 22 December 2005) [*Heliconius*; behavior; Venezuela]
- Langone, José Antonio**  
1986. See Simó, M. et al., 1986.
- Langrand, Jerome**  
2016. See Cachet, X. et al., 2016.
- Langsdorff, Georg Heinrich von** [1774-1852]  
1813. *Voyages and travels to various parts of the world, during the years 1803, 1804, 1805, 1806, and 1807*. London, Henry Colburn. 1: xiii + 368 pp., 16 pls. [German Ed., 1812] [general; Brazil]
- Langston, Robert Lee** [1926-2013]  
1965. Distribution and hosts of five *Philotes* in California (Lycaenidae). *Journal of the Lepidopterists' Society* 19(2): 95-102, 3 maps (15 July) [Mexico]  
1969. *Philotes* of North America: synonymic list and distribution (Lycaenidae). *Journal of the Lepidopterists' Society* 23(1): 49-62 (31 March) [general; host plants; Mexico]  
1973. The 1972 field season summary. The Northern Neotropics. *News of the Lepidopterists' Society* 1973(2): 19 (15 March) [*Polygonus leo arizonensis* (Skinner); Mexico]
- Lankester, Charles Herbert** [1879-1969]  
1919. Costa Rican butterflies (Lepid., Rhop.). *Entomological News* 30(8): 216 (10 October) [*Hypolimnas misippus* (Linnaeus)]  
1927. Lepidoptera from Costa Rica. *Proceedings of the entomological Society of London* (A) 1(3): 56 (5 May) [*Antirrhoea pterocopa* Godman & Salvin]
- Lankester, Charles Herbert, and Arthur George Malin Gillott**  
1928. Scent-tufts observed in the males of certain Costa Rican Lepidoptera. *Proceedings of the entomological Society of London* (A) 2(3): 74-75 (5 April) [general]
- Lankester, Edwin Ray** [1847-1929]  
1869. Exotic Lepidoptera.- Lepidoptera Exotica; or, Descriptions and Illustrations of Exotic Lepidoptera. By A. G. Butler. *Nature* (London) 1(1): 17 (4 November) [general; book review]
- Lans, Cheryl, Tisha Harper, Karla Georges and Elmo Bridgewater**  
2001. Medicinal and ethnoveterinary remedies of hunters in Trinidad. *BMC complementary and alternative Medicine* 1(10): [1] – [17], 2 tabs. (30 November) [*Battus polydamas* (Linnaeus); host plant]
- Lanuz, Alfredo, and Úrsula Vargas**  
2011. Nuevo registro de *Heliconius erato hyadara* (Hewitson, 1867) (Lepidoptera: Nymphalidae) en Panamá. *Revista del Museo de Entomología de la Universidad del Valle* 12(2): 13-16, 2 figs. (December)
- Lanz-Mendoza, Humberto**  
2009. See Córdoba-Aguilar, A. et al., 2009.
- La Pava, Nataly de, and Paula Andrea Sepúlveda**  
2012. Aspectos del desarrollo de *Danaus plexippus* (Lepidoptera: Nymphalidae) sobre *Calotropis procera* (Apocynaceae) bajo condiciones de laboratorio. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 16(1): 266-272, 4 figs. ("January-June"; after December) [life history; host plant; Colombia]
- Lapeze, Jeremie, Jean-Michel Maes and Marvin Tórrez**  
[2019]. Mariposas de la Estación Biológica "Juan Roberto Zarruk", Universidad Centroamericana. *Revista nicaragüense de Entomología* 144: 1-426, figs., 1 tab. ("February 2018"; [10 February 2019]) [general; Nicaragua]
- La Porta, Norma C.**  
2006. See Serra, G. V. et al., 2006.  
2011. See Ávalos, D. S. et al., 2011.  
2013. See Serra, G. V. et al., 2013.
- Laporte, Jean-Luc** [1796-1860]  
1830. Observations pour servir à l'histoire de quelques insectes, et description d'une nouvelle espèce de Coliade. *Actes de la Société linnéenne de Bordeaux* 4(21): 141-156, 1 pl. (20 June) [*Polyommatus marsyas* (Linnaeus), *Hesperia eurycles* (Latreille), *Hesperia proteus* (Linnaeus); Peru, Brazil, Mexico]
- Laps, Rudi Ricardo**  
2009. See Pardini, R. et al., 2009.
- Lara, Carlos**  
2016. See Pérez-Crespo, M. J. et al., 2016.
- Lara, Fernando Mesquita**  
1999a. See Boiça Junior, A. L. et al., 1999a.  
1999b. See Boiça Junior, A. L. et al., 1999b.
- Lara, Fernando Mesquita, Arlindo Leal Boiça Junior and José Carlos Barbosa**  
1999. Preferência alimentar de *Dione juno juno* (Cramer) por genótipos de maracujazeiro e avaliação do uso de extratos aquosos. *Scientia agricola* (Piracicaba) 56(3): 665-671, 2 figs., 3 tabs. (July) [host plant; Brazil]
- Lara, Fernando Mesquita, Arlindo Leal Boiça Junior and Marcel Ricardo Tanzini**  
1998. *Pragas do abacaxizeiro*, pp. 17-31, 11 figs., 3 tabs. In: Sobrinho, R. B., J. E. Cardoso & F. das C. O. Freire (Eds.), *Pragas de fruteiras tropicais de importância agronômica industrial*. Brasília, Embrapa. [*Thecla basilides* (Geyer); host plant; Brazil]
- Lara, Francisco Marcelo**  
2013. See Rodríguez, A. et al., 2013.
- Lara, Gladys**  
1993. See Parada, E. et al., 1993.
- Lara, Johnny R.**  
1984. See Gillaspay, J. E. & J. R. Lara, 1984.
- Lara, Marlon Arturo**  
2019. See Menacé, M. A. et al., 2019.
- Lara, Orlando**  
2016. See González, N. A. et al., 2016.
- Lara, Rogéria Inês Rosa, Bruno Rafael Spera, Danielle Roberta Versuti, Daniell Rodrigo Rodrigues Fernandes, Terezinha Monteiro Santos-Cividanes and Nelson Wanderley Periotto**  
2012. Lepidopteran and their parasitoids on okra plants in Ribeirão Preto (SP, Brazil). *Ciência rural* (Santa Maria) 42(4): 667-669, 1 tab. (April) [*Ascia monuste orseis* (Godart); host plant]
- Lara-Capistrán, Liliana**  
2019. See Hernández-Baz, F. et al., 2019.
- Lara-Pérez, Luis Alberto, Claudia Suárez-Ramírez, Iván**

- Oros-Ortega, Antonio Andrade-Torres, Iván Córdova-Lara and Luis Sáenz-Carbonell**
2019. *Magnolia schiedeana* as a new host plant record for four Lepidoptera species in a tropical montane forest. *Southwestern Entomologist* 44(2): 497-501, 1 fig. ("June", 1 July) [*Papilio garamas abderus* Hopffer, *Jonaspyge jonas* (C. Felder & R. Felder); Mexico]
- Laranjeiro, Alberto Jorge**
1995. See Zanuncio, T. V. et al., 1995.
- Large, Maryanne C. J.**
2000. See Lawrence, C. R. & M. C. J. Large, 2000.
2004. See Poladian, L. et al., 2004.
2006. See Wickham, S. et al., 2006.
2008. See Bosi, S. G. et al., 2008.
2009. See Poladian, L. et al., 2009.
- Largo, Didier**
1997. See Ramírez, L. A. et al., 1997.
- Laroca, Sebastião**
2006. See Barbola, I. de F. et al., 2006.
2017. See Sigrist, M. R. et al., 2017.
- Larrañaga, Dámaso Antonio** [1771-1848]
- 1923-30. *Escritos de Don Dámaso Antonio Larrañaga. Los publica el Instituto Histórico y Geográfico del Uruguay. Edición Nacional.* Montevideo, Imprenta Nacional. 2: 1-512 (1923); Atlas (Parte II.- Zoología, Paleontología y Mapas): pp. 1-6 + [2], pls. 1-131 (1930) [new species: *Papilio castalia*, *P. vulgaris*, *P. cuprivenis*, *P. aurantia*, *P. sanguinea*, *P. argentea*, *P. cerulescens*, *P. plato*, *P. euclides*, *P. archimides*, *P. cadmus*, *P. atiopides*; Uruguay]
- Larsen, Carl Sophus** [1874-1952]
1938. Eine Anfrage. *Entomologische Rundschau* 55(58): 684, 1 fig. (8 December) [*Chlorippe*; Brazil]
1941. *Chlorippe elis* Fldr. ♀. *Entomologische Zeitschrift* 55(5): 33, 2 figs. (10 May) [Brazil, Ecuador, Colombia, Peru]
- Larsen, Michael**
2013. See Potyrailo, R. A. et al., 2013.
- Larsen, Torben Bjørn** [1944-2015]
- 1990a. Hazards of butterfly collecting - Ecuador, 1987. *Entomologist's Record and Journal of Variation* 102(3/4): 86-87 (25 March) [general]
- 1990b. Hazards of butterfly collecting - Ecuadorian Amazonia 1987. *Entomologist's Record and Journal of Variation* 102(7/8): 180-181 (15 July) [*Morpho*, *Cithaeris pyritosa* (Zikán)]
- 1991a. Hazards of butterfly collecting - the Monarchs of Mexico. *Entomologist's Record and Journal of Variation* 103 (7/8): 205-206 (15 July) [*Danaus plexippus* (Linnaeus)]
- 1991b. The art of feigning death - thanatosis in *Euploea* (Danainae) and other aposematic butterflies. *Entomologist's Record and Journal of Variation* 103(9/10): 263-266, 1 tab. (15 September) [*Pereute*, *Acraeinae*, *Ithomiinae*, *Heliconiinae*]
- 1991c. Hazards of butterfly collecting - Brazil, May 1989. *Entomologist's Record and Journal of Variation* 103(11/12): 322-323 (15 November) [*Morpho*]
- 1991d. *The butterflies of Kenya and their natural history.* Oxford, Oxford University Press. xii + 490 pp., 64 pls., 23 figs., 7 tabs. [biogeography; Neotropics]
1993. Butterfly mass transit. *Natural History* (New York) 102(6): 30-39, figs. (June) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1995a. Hazards of butterfly collecting - from Rat Trap to Barbecue Bottom, Jamaica, February, 1994. *Entomologist's Record and Journal of Variation* 107(5/6): 150-152, 1 fig. (25 May) [general]
- 1995b. Swallowtail butterflies of the Americas. H. Tyler, K. S. Brown and K. Wilson. *Antenna* 19(4): 193-194 (October) [general; book review]
1999. Hazards of butterfly collecting - You don't want to see my mudflies, Ghana August 1996. *Entomologist's Record and Journal of Variation* 111(1): 42-43 (25 January) [*Aurina dida* Evans; South America]
2000. Hazards of butterfly collecting - late 1999. What is *Brephidium exilis* doing in the Emirates? *Entomologist's Record and Journal of Variation* 112(6): 273-274 (25 November) [biogeography; Mexico, Chile]
2004. *Hazards of butterfly collecting.* Brentwood, Cravitz Printing Company Limited. [vi] + 250 pp., figs. [general]
2006. See Pittaway, A. R. et al., 2006.
- Larsen, Torben Bjørn, Richard Irwin Vane-Wright, Krushnamegh Kunte and Vazrick Nazari**
2009. Case 3488. *Papilio danae* Fabricius, 1775 (currently *Colotis danae*; Insecta, Lepidoptera, Pieridae): proposed conservation of prevailing usage by the suppression of *Papilio danae* Hufnagel, 1766. *Bulletin of zoological Nomenclature* 66(3): 250-255 (30 September) [*Historis odius dious* Lamas; Neotropics]
- Larsen, Trond H.**
2017. The lives of lepidopterists. Lee A. Dyer and Matthew L. Forister. 2015. *American Entomologist* 63(1): 61-62, 1 fig. (9 March) [general; book review]
- Larue, Alyssa, Steven Naber and Joseph Tainagi**
2006. Geomagnetic navigation in monarchs and black swallowtails. *Ohio Journal of Science* 106(3): 117-123, 5 figs., 3 tabs. (June) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- LaSalle, John**
1993. See Delvare, G. & J. LaSalle, 1993.
- Lasky, Kathryn**
1993. *Monarchs.* San Diego, Harcourt Brace & Company. 64 pp., figs. [*Danaus plexippus* (Linnaeus); life history; ecology; migration; conservation; Mexico]
- Lastra, Luz Adriana**
1995. See Gómez, L. A. & L. A. Lastra, 1995.
1998. See Gómez, L. A. & L. A. Lastra, 1998.
- Lastra-Valdés, Joel, and Alejandro Barro**
2017. Life cycle and ethological notes on *Burca braco braco* (Herrich-Schäffer, 1865) (Hesperiidae: Pyrginae). *Journal of the Lepidopterists' Society* 71(4): 218-224, 5 figs., 3 tabs. (November) [egg, larva, pupa; host plants; Cuba]
- Latham, John** [1740-1837]
1791. *Classis V. Insecta*, pp. 99-140. In: Pennant, T. (Ed.), *Indian Zoology. Second edition.* London, Robert Faulder. viii + 161 pp., 16 pls. [a translation, with additions, of Forster, J. R., *Zoologiae Indicae rariorum...* Halle, 1781] [general]
- Lathy, Percy Ireland** [1870-1943]
- 1898a. A new species of *Sphaenogona* from Jamaica. *Entomologist's monthly Magazine* 34(412): 200-201 (September) [*S. adamsi*]
- 1898b. A new species of *Terias* from Haiti. *Entomologist's monthly Magazine* 34(413): 223-224 (October) [*T. priddyi*]
- 1899a. A monograph of the genus *Calisto*, Hubn. *Transactions of the entomological Society of London* 1899(2): 221-228, pl. 4 (22 June) [general; new taxa: *C. nubila*, *C. pulchella*, *C. p. aberration tenebrosa*, *C. confusa*; Jamaica, Guyana, Puerto Rico, Haiti, Cuba]
- 1899b. Butterflies and moths. *Journal of the Institute of Jamaica* 2(6): 496-500 (31 August) [general; life histories; Jamaica]

1900. On a new form of *Agrias sardanapalus*, Bates. *Entomologist's monthly Magazine* 36(429): 29 (February) [A. s. aberration *hades*; Peru]
1901. The genus of *Dircenna barrettii*, Dannatt. *Entomologist* 34(452): 10-11 (January) [Peru]
- 1903a. A new species of *Callithea* from Peru. *Entomologist* 36(480): 105-106, pl. 2 (May) [C. *adamsi*]
- 1903b. The specific identity of *Lucinia torrebia*, Men. *Entomologist* 36(483): 203 (August) [Cuba, Haiti]
- 1904a. [Butterflies from Dominica, West Indies]. *Abstract of the Proceedings of the zoological Society of London* 1904(5): 18-19 (22 March) [general; new species: *Libythea fulvescens*, *Thecla subobscura*, *T. dominicana*]
- 1904b. On some aberrations of Lepidoptera. *Transactions of the entomological Society of London* 1904(1): 65-70, pl. 10 (27 April) [general; South America, West Indies]
- 1904c. A contribution towards the knowledge of the Lepidoptera-Rhopalocera of Dominica, B.W.I. *Proceedings of the zoological Society of London* 1904(1): 450-454 (2 August) [general]
- 1904d. New species of South American Erycinidae. *Transactions of the entomological Society of London* 1904(3): 463-468, pl. 27 (30 September) [*Eurygona subargentea*, *Mesosemia elegans*, *Erycina latifasciata*, *Ithomiola rubrolineata*, *Themone trivittata*, *Chamaelimnas albivitta*, *Caria fulvimargo*, *Symmachia peruviana*, *Lemonias pulchra*, *Nymphidium completa*, *Theope fasciata*; Colombia, Peru, Brazil]
- 1905a. A new race of *Morpho adonis*, Cram. *Entomologist* 38(508): 226 (September) [M. a. variety *major*; Peru]
- 1905b. A note on some species of *Prepona*. *Entomologist* 38(509): 254-255 (October) [general]
- 1906a. Two new species of *Pronophila* from Ecuador. *Entomologist* 39(515): 77 (April) [*P. rosenbergi*, *P. unifasciata*]
- 1906b. On three new forms of butterfly of the genus *Heliconius*. *Proceedings of the zoological Society of London* 1906(2): 452-453, pl. 34 (23 August) [*H. pasithoe* variety *fulvescens*, *H. xenoclea* variety *superba*, *H. x.* variety *confluens*; Guyana, Peru]
1916. A new South American *Papilio*. *Entomologist* 49(642): 241-242 (November) [*P. horracki*; French Guiana]
1918. Two new species of Satyridae from South America. *Entomologist* 51(659): 82-83 (April) [*Tisiphane* [sic] *distincta*, *Caerois rufomarginata*; French Guiana, Peru]
1921. Notes et remarques sur les *Agrias*. *Thèses entomologiques (Lépidoptères)* 1: 1-25, 10 pls. (3 November) [general; new taxa: A. *claudia* aberration *imperialis*, A. c. aberration *nigro-punctata*, A. c. *bipupillata*, A. c. *rufomarginata*, A. *intensa*, A. *amydon gloriosa*, A. a. g. aberration *talboti*, A. *beata* aberration *nigra*; French Guiana, Peru, Brazil, Colombia, Ecuador]
- 1924a. Notes on the genus *Agrias* (Lepidoptera). *Annals and Magazine of natural History* (9)14(79): 144-156 (1 July) [general; new taxa: A. *amazonica* aberration *le cerfi*, A. *sardanapalus* aberration *sanguinea*, A. *narcissus obidonus*, A. *amydon* aberration *flavifasciata*, A. a. female aberration *bellatrix*, A. a. *aristoxenus* aberration *citrinarius*, A. *pericles tryphon* female aberration *flava*, A. p. *trajanus* aberration *immaculata*, A. p. t. aberration *viridipicta*, A. p. aberration *inornatrix*, A. p. *peruviana*, A. *phalcidon* aberration *connectens*, A. p. female aberration *similis*, A. p. aberration *micans*, A. p. *excelsior*, A. p. e. aberration *flavibasis*, A. *hewitsonius jordani*, A. h. *rothschildi*; South America]
- 1924b. The iridescent species of *Euselasia* (Lepidoptera). *Annals and Magazine of natural History* (9)14(81): 283-285 (1 September) [general; new taxa: E. *violacea*, E. *opalescens interrupta*, E. o. *joiceyi*, E. *fournierae*; Colombia, French Guiana, Ecuador, Brazil]
- 1926a. Notes on the American Theclinae (Lepidoptera). *Annals and Magazine of natural History* (9)17(97): 35-47 (1 January) [general; new taxa: *Eumaeus minyas peruviana*, E. m. *obsoleta*, *Thecla coronata watkinsi*, T. *draudti*, T. *drucei*, T. *linus separata*, T. l. *paraguayensis*, T. *rocena major*, T. *obsoleta*, T. *strephon occidentalis*, T. *cyllarus* aberration *xanthica*, T. c. *reducta*, T. *phoster parvipuncta*, T. *ambrax septentrionalis*, T. *tristis*, T. *eurytulus nigra*, *Theclopsis eryx occidentalis*, *Lamprospilus decorata*; Central and South America]
- 1926b. On the identity of *Catagramma idas*, Mull. (Lep.). *Annals and Magazine of natural History* (9)17(97): 48 (1 January) [general; Guyana, French Guiana]
- 1926c. New species and forms of the genus *Euselasia* (Lepidoptera) in the Joicey collection. *Entomologist* 59(756): 143-146 (May) [E. *eutyclus* form *pallida*, E. *cuprea*, E. *candaria bilineata*, E. *uria angustifascia*, E. *brevicauda*, E. *satyroides*, E. *aurantiaca marginata*, E. *labdacus reducta*, E. *euboea seitzii*, E. *rubrocilia*, E. *hypophaea mexicana*, E. *eucretes boliviensis*, E. *euphaes fulviplaga*, E. *telechus ecuadorensis*, E. t. e. female aberration *albida*, E. *amblypodia*; Neotropics]
- 1929a. The female of *Catagramma casta*, Salv. (Lepidoptera). *Annals and Magazine of natural History* (10)3(13): 143 (1 January) [Mexico]
- 1929b. A new race of *Callithea buckleyi*, Hew. (Lepidoptera). *Annals and Magazine of natural History* (10)3(14): 194 (1 February) [C. b. *dilata*; Colombia]
1930. Notes on South American Lycaenidae, with descriptions of new species. *Transactions of the entomological Society of London* 78(1): 133-137, pl. 9 (30 June) [general; *Trichonis immaculata*, *Thecla ducalis*, T. *gloriosa*, T. *cuprea*, T. *tagyroides*, T. *mirabilis*, T. *commodus*, T. *viridas*, T. *dolyllas pallida*, T. *janthina venezuelae*, T. *ortaloides*, T. *lilacina*, T. *peculiaris*, T. *inconspicua*]
- 1932a. New species and races of Erycinidae (Lepidoptera). *Annals and Magazine of natural History* (10)9(49): 65-74 (1 January) [general; *Diopthalma hyphaea pallida*, *Mesosemia eumene decolorata*, M. *inconspicua*, *Napaea eucharila parvipuncta*, *Ancyluris aulestis jocularis* female aberration *rubrolineata*, A. *seitzii*, A. s. aberration *rubrofasciata*, *Rhetus arcus angustifascia*, *Brachyglenis esthema ecuadorensis*, *Monethe albertus nesotopus* aberration *extensa*, *Cariomothis erythromelas fulvus*, C. e. *suffusa*, *Lepricornis atricolor flavifasciata*, *Chamaelimnas dorifera meridionalis*, *Charmona anius major*, *Caria mantinea boliviana*, *Lymnas dilata*, *Mesene phareus subfusca*, M. p. *peruviana*, *Xynias lilacina*, *Esthemopsis caerulea pallida*, *Chimastrum carnutes flavibasis*, *Symmachia rubina separata*, *Phaenochitonias sagaris interrupta*, P. s. *reducta*, P. *sticheli*, *Charis acantus flavicincta*, C. *psaros albidisca*, *Siseme pallas defasciata*, *Pachythone robusta*, *Elaphrotis telephus meridionalis*, *Thisbe fenestrella*, *Calliona siaka separata*, *Anatole zygia* female aberration *suffusa*, *Echenais trinitatis*, E. t. *ochracea*, E. t. *striata*, *Orimba extensa*, *Hamearis albimaculata*, H. *epulus indistincta*, H. *erostratus insularis*, *Nymula satyroides*, N. *gela ferruginea*, *Nymphidium caricae major*, N. *lysimon* aberration *derufata*, N. *leucosia separata*, N. *baeotis chiriquirensis*; Neotropics]
- 1932b. The genus *Lamprospilus* (Lepidoptera). *Annals and*

- Magazine of natural History* (10)9(50): 180-182 (February) [general; new taxa: *L. draudti*, *L. nicetus ochracea*, *L. azaria* female aberration *decyanaea*; Brazil, Colombia, Ecuador, Peru, Venezuela]
- 1932c. On *Alesa negra* Rob. (Lepidoptera). *Annals and Magazine of natural History* (10)9(53): 484 (1 May) [Brazil]
1936. *Thecla nouveaux d'Amérique du Sud* (Lepidopt. Lycaenidae), pp. 229-232, pl. 8. In: *Livre Jubilaire de M. Eugène-Louis Bouvier*. Paris, Fermin-Didot et Cie. (20 May) [general; *T. dicaeoides*, *T. peruviana*, *T. inornata*, *T. elegans*, *T. albolineata*, *T. violacea*, *T. larseni*, *T. maculata*, *T. restricta*, *T. obliterata*, *T. cinerea*, *T. variegata*, *T. bouvieri*, *T. lineata*, *T. confusa*, *T. xorema xoremoides*, *T. demilineata*, *T. angusta*, *T. talboti*, *T. trinitatis*, *T. dubiosa*]
- Lathy, Percy Ireland, and William Frederick Henry Rosenberg**
1912. Notes on the genus *Catasticta*, with descriptions of new species. *Transactions of the entomological Society of London* 1911(3): 519-527, pls. 45-46 (10 February) [general; *C. dentata*, *C. albofasciata*, *C. seitzii*, *C. watkinsi*, *C. distincta*, *C. leucophaea*, *C. lanceolata*, *C. minor*, *C. subflava*, *C. punctata*, *C. hubneri*, *C. aureomaculata*, *C. suffusa*, *C. albina*, *C. truncata*, *C. superba*, *C. similis*, *C. flavomaculata*, *C. intermedia*; Peru, Colombia, Bolivia, Venezuela, Ecuador]
- Latini, Anderson Oliveira**
2010. See Sousa, S. de M. et al., 2010.
- Latreille, Pierre André** [1762-1833]
- [1802]. *Histoire naturelle, générale et particulière des crustacés et des insectes. Ouvrage faisant suite à l'histoire naturelle générale et particulière, composée par Leclerc de Buffon, et redigée par C. S. Sonnini, membre de plusieurs sociétés savantes*. Paris, F. Dufart. 3: i-xii, 13-468 ([6 November]) [general]
- 1803a. *Hespérie*, pp. 540-542. In: *Nouveau Dictionnaire d'histoire naturelle, appliquée aux arts, principalement à l'agriculture et à l'économie rurale et domestique: par une société de naturalistes et d'agriculteurs: avec des figures tirées des trois règnes de la Nature*. Paris, Deterville. 10: iv + 576 pp., 10 pls. ([13 June]) [general; morphology]
- 1803b. Pl. E14. In: *Nouveau Dictionnaire...* Paris, Deterville. 11: iv + 584 pp., 7 pls. ([13 June]) [*Hesperia proteus* (Linnaeus)]
- 1803c. *Papillon*, pp. 27-95, pls. M9-M10. In: *Nouveau Dictionnaire...* Paris, Deterville. 17: iv + 574 pp., 15 pls. ([23 October]) [general; host plants; larvae, pupae, imagines; morphology]
1804. *Tableau méthodique des insectes*, pp. 129-200. In: *Nouveau Dictionnaire...* Paris, Deterville. 24: ii + 84 + 238 + 18 + 34 pp., 28 pls. ([7 March]) [general; morphology; new genera: *Nymphalis*, *Heliconius*, *Danaida*]
1805. *Histoire naturelle, générale et particulière, des crustacés et des insectes...* Paris, F. Dufart. 14: 432 pp., pls. 104-112 ([20 February-21 March]) [general]
1807. In: [Illiger, J.C.W.], Latreille's Eintheilung der Linnéischen Gattungen *Papilio* und *Sphinx*. *Magazin für Insektenkunde* 6: 290-295 ([before 11 September]) [new genus: *Danais*]
- 1809a. *Genera crustaceorum et insectorum secundum ordinem naturalem in familias disposita, iconibus, exemplisque plurimis explicata*. Parisiis et Argentorati, Amand König. 4: [2]+ 399 pp., pls. 13-16. ([25 February]) [general; morphology; new generic name: *Danaus*]
- 1809b. IX. *Insectes de l'Amérique équinoxiale, recueillis pendant le voyage de MM. de Humboldt et Bonpland*. In: Humboldt, A. & A. Bonpland, 1805-1832, *Voyage aux régions équinoxiales du Nouveau Continent*. 2. *Recueil d'observations de zoologie et d'anatomie comparée; faites dans l'Océan Atlantique, dans l'intérieur du Nouveau Continent et dans la Mer du Sud, pendant les années 1799, 1800, 1801, 1802 et 1803*. Paris, G. Levrault, Schoell et Cie. 1(4): 197-283, pls. 15-18. [first issue] [general; new species: *Heliconius humboldti*, *Nymphalis pavon*, *Cethosia bonpland*]
- 1809c. IX. *Insectes de l'Amérique équinoxiale, recueillis pendant le voyage de MM. de Humboldt et Bonpland*. Suite. In: Humboldt, A. & A. Bonpland, 1805-1832, *Voyage aux régions équinoxiales...* Paris, G. Levrault, Schoell et Cie. 1(5/6): 344-397, pls. 22-25. [first issue] [general; new species: *Erycina oppellii*, *E. euclides*, *E. aristoteles*, *E. pallas*, *Nymphalis chrysites*, *N. leucophthalma*, *Heliconius cyrene*, *Erycina agesilas*]
1810. *Considérations générales sur l'ordre naturel des animaux composant les classes des crustacés, des arachnides et des insectes; avec un tableau méthodique de leurs genres, disposés en familles*. Paris, F. Schoell. 444 pp. ([23 May]) [general]
- [1812]. *Insectes de l'Amérique équinoxiale, recueillis pendant le voyage de MM. de Humboldt et Bonpland*. In: Humboldt, A. & A. Bonpland, 1805-1832, *Voyage aux régions équinoxiales...* Paris, Schoell, Dufour et Cie. 1(7): 127-252, pls. 15-18, 22-25. ([3 August]) [second issue] [general]
1813. *Insectes de l'Amérique équinoxiale, recueillis pendant le voyage de MM. de Humboldt et Bonpland*. Seconde partie. In: Humboldt, A. & A. Bonpland, 1805-1832, *Voyage aux régions équinoxiales...* Paris, G. Levrault, F. Schoell et Cie. 2(9): 65-96, pls. 31-34. ([24 September]) [general; new species: *Satyrum orcus*, *Vanessa epaphus*, *Nymphalis nessus*, *Pieris nemesis*, *Nymphalis iphis*, (*N. thamyris* on plate), *N. cyane*, *Vanessa corinna* (*V. corynna* on plate), *Heliconius neleus*, *Vanessa dione*, *Erycina ops*, *E. pitheas*, *Heliconius stratonice*]
- 1816a. *Argynne*, pp. 510-521. In: *Nouveau Dictionnaire d'Histoire Naturelle appliquée aux arts, à l'agriculture, à l'économie rurale et domestique, à la médecine, etc. Par une société de naturalistes et d'agriculteurs. Nouvelle édition presque entièrement refondue et considérablement augmentée; avec des figures tirées des trois règnes de la Nature*. Paris, Deterville. 2: vi + 592 pp., 10 pls. ([14 September]) [general; host plants; larvae, pupa, imagines; morphology]
- 1816b. *Les crustacés, les arachnides et les insectes*. In: Cuvier, G., *Le règne animal distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée*. Paris, Deterville. 3: xxix + 653 pp. ([2 December]) [general; morphology]
- 1817a. *Danaïde*, pp. 117-118. In: *Nouveau Dictionnaire...* Paris, Deterville. 9: v + 264 pp., 6 pls. ([15 March]) [general; host plants; larvae, pupae, imagines; morphology]
- 1817b. *Erycine*, p. 421. In: *Nouveau Dictionnaire...* Paris, Deterville. 10: v + 591 pp., 6 pls. ([21 June]) [general; morphology]
- 1817c. *Heliconien*, pp. 273-275; *Hespérie*, pp. 445-449. In: *Nouveau Dictionnaire...* Paris, Deterville. 14: iv + 627

- pp., 7 pls. ([13 September]) [general; host plants; larvae, pupae, imagines; morphology]
- 1817d. Pl. E14. In: *Nouveau Dictionnaire...* Paris, Deterville. 15: v + 550 pp., 6 pls. ([13 eptember]) [*Hesperia proteus* (Linnaeus)]
- 1817e. *Insectes de l'Amérique équinoxiale, recueillis pendant le voyage de MM. de Humboldt et Bonpland. Seconde partie.* In: Humboldt, A. & A. Bonpland, 1805-1832, *Voyage aux régions équinoxiales...* Paris, G. Levrault, F. Schoell et Cie. 2(10): 97-138, pls. 35-43. ([13 December]) [general; new species: *Pieris helvia*, *Heliconius ismenius*, *H. lamirus*, *H. clysonymus*, *H. dicaeus*, *Hesperia nearchus*]
- 1817f. *Libythée*, pp. 548-549. In: *Nouveau Dictionnaire...* Paris, Deterville. 17: iv + 622 pp., 6 pls. ([27 December]) [general; host plant; larvae, pupae, imagines; morphology]
- 1818a. *Morphon ou Morphé*, pp. 389-390. In: *Nouveau Dictionnaire...* Paris, Deterville. 21: iv + 612 pp., 5 pls. ([30 May]) [general; larvae, pupae, imagines; morphology]
- 1818b. *Nymphale*, pp. 141-149. In: *Nouveau Dictionnaire...* Paris, Deterville. 23: iv + 612 pp., 6 pls. ([5 September]) [general; larvae, pupae, imagines; morphology]
- 1818c. *Papillon*, pp. 490-514, pl. M9. In: *Nouveau Dictionnaire...* Paris, Deterville. 24: iv + 577 pp., 8 pls. ([5 September]) [general; larvae, pupae, imagines; morphology]
- 1818d. *Papillon antioca* [sic], p. 514, pl. M34, fig. 1. In: *Nouveau Dictionnaire...* Paris, Deterville. 24: iv + 577 pp., 8 pls. ([5 September])
- 1818e. *Piérède*, pp. 161-165. In: *Nouveau Dictionnaire...* Paris, Deterville. 26: iv + 584 pp., 8 pls. ([26 December]) [general; host plants; larvae, pupae, imagines; morphology]
- 1819a. Pp. i-ii, 3-12. In: Latreille, P. A. & J. B. Godart, *Encyclopédie Méthodique. Histoire naturelle. Entomologie, ou histoire naturelle des crustacés, des arachnides et des insectes.* Paris, veuve Agasse. 9(1): i-ii, 3-328 (before [13 February]) [general; new genus: *Danaïs*; morphology]
- 1819b. *Satyre*, pp. 222-239. In: *Nouveau Dictionnaire...* Paris, Deterville. 30: iv + 592 pp., 5 pls. ([1 May]) [general; host plants; larvae, pupae, imagines; morphology]
- [1824]a. Pp. 706-707, 711-793. In: Latreille, P. A. & J. B. Godart, *Encyclopédie Méthodique...* Paris, veuve Agasse. 9(2): 329-828 ([17 July]) [general; new taxa: *Hesperia metophis*, *H. eurycles*, *H. cleantes*, *H. xanthippe*, *H. versicolor*, *H. iphinous*, *H. polyzona*, *H. santhilarius*, *H. cramer*, *H. ausonius*, *H. savigny*, *H. polygius*, *H. antoninus*, *H. dalman*, *H. basoches*, *H. fischer*, *H. bonfilii*, *H. lucretius*, *H. lafrenaye*, *H. seneca*, *H. claudianus*, *H. minos*, *H. dumeril*, *H. clonias*, *H. justinianus*, *H. menestries*, *H. godart*, *H. silius*, *H. cornelius*, *H. pompeius*, *H. mesogramma*, *H. drury*, *H. themistocles*, *H. chlorocephala*, *H. westermann*, *H. brebisson*; Neotropics]
- 1824b. Rapport fait a l'Académie des Sciences, su un ouvrage de M. Dalman, ayant pour titre: *Analecta entomologica.* *Annales des Sciences naturelles* 3: 374-376 [review]
1825. *Familles naturelles du règne animal exposées succinctement et dans un ordre analytique avec l'indication de leurs genres.* Paris, J. B. Bailliére. 570 pp. ([16 May]) [general; morphology]
1829. *Les crustacés, les arachnides et les insectes, distribués en familles naturelles. Ouvrage formant les tomes 4 et 5 de celui de M. le Baron Cuvier sur le Règne Animal (deuxième édition).* Paris, Deterville & Crochard. 2: xxiv + 556 pp., 5 pls. ([11 April]) [English Ed., 1836-1837] [general; morphology]
- Laufer, Peter**  
2009. *The dangerous world of butterflies. The startling subculture of criminals, collectors, and conservationists.* Guilford, Lyons Press. xiv + 273 pp. [general]
- Launer, Alan E.**  
1996. See Austin, G. T. et al., 1996.  
1999. See Austin, G. T. et al., 1999.  
2004. See Hellmann, J. J. et al., 2004.
- Laurance, William F., Diana Carolina Useche, Luke P. Shoo, Sebastian K. Herzog, Michael Kessler, Federico Escobar, Gunnar Brehm, Jan C. Axmacher, I-Ching Chen, Lucrecia Arellano, Peter Kietz, Konrad Fiedler, Tomasz Wilhelm Pycrz, Jan Wolf, Christopher L. Merkord, Catherine Cardelus, Andrew R. Marshall, Claudine Ah-Peng, Gregory H. Aplet, María del Coro Arizmendi, William J. Baker, John A. Barone, Carsten A. Brühl, Rainer W. Bussmann, Daniele Ciccuzza, Gerald Eilu, Mario Enrique Favila, Andreas Hemp, Claudia Hemp, Jürgen Homeier, Johanna Hurtado, Jill Jankowski, Gustavo H. Kattan, Jürgen Kluge, Thorsten Krömer, David C. Lees, Marcus Lehnert, John Thomas Longino, Jon Lovett, Patrick H. Martin, Bruce D. Patterson, Richard G. Pearson, Kelvin S.-H. Peh, Barbara Richardson, Michael Richardson, Michael J. Samways, Feyera Senbeta, Thomas B. Smith, Timothy M. A. Utteridge, James E. Watkins, Rohan Wilson, Stephen E. Williams and Christian David Thomas**  
2011. Global warming, elevational ranges and the vulnerability of tropical biota. *Biological Conservation* 144(1): 548-557, 7 figs., 3 tabs. (January; published online 10 November 2010) [general; Neotropics]
- Lauranzón, Beatriz**  
2012. See Naranjo, J. C. et al., 2012.
- Lauranzón, Beatriz, Gabriel Garcés, Jorge Reyes, María del Carmen Fagilde and Luis Omar Melián**  
2010. Observaciones sobre la migración de *Ascia monuste eubotea* (Godart, 1819) en la provincia Santiago de Cuba (Lepidoptera: Pieridae). *Boletín de la Sociedad entomológica aragonesa* 46: 557-559, 2 figs., 2 tabs. (30 June) [behavior]
- Lauranzón, Beatriz, Gioacchino Gulli, Jorge Reyes, María del Carmen Fagilde and Luis Omar Melián**  
2011. Observaciones sobre *Papilio demoleus* (Lepidoptera: Papilionidae), una especie invasora en Cuba. *Solenodon* 9: 81-87, 2 figs., 1 tab. (July) [host plants; behavior; distribution]
- Lauranzón, Beatriz, Juan Carlos Naranjo and María del Carmen Fagilde**  
2013. Mariposas (Papilionoidea; Hesperioidea) de la provincia de Santiago de Cuba, Cuba. *Solenodon* 11: 22-81, 8 figs., 3 tabs. (December) [general; host plants; distribution]
- Lauranzón, Beatriz, and Dania Saladrigas**  
2011. Papilionoideos, pp. 124-141, figs. 320-355. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba.* Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [general; life histories; host plants]
- Laurence, G. A.**  
1974. Insect pests of Trinidad forest trees. *Journal of the agricultural Society of Trinidad and Tobago* 74(2): 160-

- 172 (June) [*Phoebis sennae* (Linnaeus)]
- Lauriault, Jean**  
1999. *Education beyond boundaries - the monarch butterfly*, pp. 375-378. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Lauterjung, Marlene**  
[1979]. See Azzará, M. L., [1979].
- Lavinia, Pablo D., Ezequiel Osvaldo Núñez, Cecilia Kopuchian, Darío A. Lijtmaer, Natalia C. García, Paul David Neil Hebert and Pablo L. Tubaro**  
2017. Barcoding the butterflies of southern South America: Species delimitation efficacy, cryptic diversity and geographic patterns of divergence. *PLoS ONE* 12(10)(e0186845): 1-24, 6 figs., 5 tabs. (19 October) [general; Argentina]
- Lavoie, Christine A.**  
2013. See Supple, M. A. et al., 2013.
- Lavoie, Christine A., Roy N. Platt II, Peter A. Novick, Brian A. Counterman and David A. Ray**  
2013. Transposable element evolution in *Heliconius* suggests genome diversity within Lepidoptera. *Mobile DNA* 4(21): 1-10, 5 figs., 3 tabs. (2 October) [*H. melpomene* (Linnaeus)]
- Law, John H.**  
1968. See Regnier, F. E. & J. H. Law, 1968.
- Lawrence, Chris R.**  
1999. See Vukusic, P. et al., 1999.  
2001. See Vukusic, P. et al., 2001.  
2002. See Vukusic, P. et al., 2002.
- Lawrence, Chris R., and Maryanne C. J. Large**  
2000. Optical biomimetics. *Photonics Science News* 6(1/2): 6-21, 9 figs. [*Morpho rhetenor* (Cramer); morphology]
- Lawrence, Chris R., Peter Vukusic and John Roy Sambles**  
2002. Grazing-incidence iridescence from a butterfly wing. *Applied Optics* 41(3): 437-441, 11 figs. (20 January) [*Ancyluris meliboeus* (Fabricius)]
- Lawrence, Deborah**  
2007. See Vester, H. F. M. et al., 2007.
- Lawrence, Pauline O.**  
1972. The Jamaican "orange dog", *Papilio andraemon* (Lepidoptera: Papilionidae). *Florida Entomologist* 55(4): 243-246 (20 December) [egg, lava, pupa, imago; host plant; behavior; predators]
- Lawson, Daniel**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Lawton, John H.** [1943- ]  
1991. See Brown, V. K. & J. H. Lawton, 1991.
- Lawton, Marcy**  
1987. Monarch mystery. *Zoogoer* 16(1): 4-6, 3 figs. (January-February) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Lawton, Robert O.**  
1992. See Calvert, W. H. et al., 1992.  
1993. See Calvert, W. H. & R. O. Lawton, 1993.
- Lázaro, Jorge**  
2013. Sobre el libro *Lepidópteros de Cuba*. *Revista cubana de Ciencias biológicas* 2(2): 85-86, 1 fig. (August) [general; book review]
- Lazarus, Laura L., Alexis Smoluk and John R. Wallace**  
1999. Butterfly farming in Nicaragua. *Newsletter of the Michigan entomological Society* 44(3/4): 1-5, 5 figs. (December) [general]
- Lazzeri, María Gabriela, María Esther Bar and Miryam Pieri Damborsky**  
2011. Diversidad del orden Lepidoptera (Hesperioidea y Papilionoidea) de la ciudad de Corrientes, Argentina. *Revista de Biología tropical* 59(1): 299-308, 3 tabs. (March) [general]
- Lazzeri, María Gabriela, Ezequiel Osvaldo Núñez and Miryam Pieri Damborsky**  
2012. Nuevos registros de *Archaeoprepona demophon thalpius* (Hübner, [1814]) en las provincias de Corrientes y Chaco, Argentina (Lepidoptera: Nymphalidae, Charaxinae, Preponini). *Shilap* 40(157): 101-105, 3 figs. (30 March)
- Le, Jennifer**  
2010. See Yuan, F. et al., 2010.
- Le, Kevin N.**  
2017. See Lal, N. N. et al., 2017.
- Leach, William**  
2013. *Butterfly people. An American encounter with the beauty of the world*. New York, Pantheon Books. xxvi + 388 pp., 32 pls., figs. ([23 April]) [general; history]
- Leaffer, Oren D.**  
2009. See Binetti, V. R. et al., 2009.
- Leal, Freddy José**  
1970. Notas sobre la guanábana (*Annona muricata*) en Venezuela. *Proceedings of the tropical Region. American Society for horticultural Science* 14: 118-121, 2 tabs. [*Thecla ortygna* (Cramer); host plant; Venezuela]
- Leal, Freddy José, and Luis Avilán**  
1982. Areas potenciales para el desarrollo de diferentes especies frutícolas en el país. III La piña. *Revista de la Facultad de Agronomía (Maracay)* 12(3/4): 283-300, 1 fig., 1 tab. (December) [*Tmolus echion* (Linnaeus); host plant; Venezuela]
- Leal, Inara Roberta**  
1999. See Freitas, A. V. L. et al., 1999.  
2005. See Barbosa, V. S. et al., 2005.  
2006. See Freitas, A. V. L. et al., 2006.  
2014. See Melo, D. H. A. et al., 2014.  
2016. See Filgueiras, B. K. C. et al., 2016.  
2018. See Santos, J. P. dos et al., 2018.  
2019a. See Santos, J. P. dos et al., 2019.  
2019b. See Filgueiras, B. K. C. et al., 2019.  
2019c. See Melo, D. H. A. et al., 2019b.
- Leal, Laura Carolina**  
2019. See Santos, A. T. F. & L. C. Leal, 2019.
- Leal, Nilton Rocha**  
1982. See Oliveira, A. M. de et al., 1982.
- Lear, Jennifer A.**  
2009. See Brower, L. P. et al., 2009.
- Leathers, Jason**  
2000. See Sharkey, M. J. et al., 2000.
- Leberger, Roxanne**  
2014. See Machkour-M'Rabet, S. et al., 2014.  
2015. See Legal, L. et al., 2015.
- Lebreux, F. L.**  
1827. *Entomographie, Histoire naturelle des Lépidoptères, ou Papillons*. Paris, Author. [4] + vii + 230 pp. [general]
- Le Cerf, Ferdinand Louis** [1881-1945]  
1909. See Boulet, E. & F. L. Le Cerf, 1909.  
1910. See Boulet, E. & F. L. Le Cerf, 1910.  
1911. Description d'une espèce nouvelle d'Erycinidae. *Bulletin du Muséum national d'Histoire naturelle (Paris)* 17(6): 412-413, 1 fig. (after 30 November) [*Ourocnemis bouletii*; Brazil]  
1912a. Organes d'adaptation chez les adultes de certains lépidoptères rhopalocères à nymphose hypogée. *Comptes Rendus hebdomadaires des Séances de*

- l'Académie des Sciences* (Paris) 154(25): 1719-1721 (June) [*Baronia brevicornis* Salvin; morphology; Mexico]
- 1912b. See Boulet, E. & F. L. Le Cerf, 1912.
1919. Description d'un genre nouveau et d'une espèce nouvelle de satyride américain (Lépidopt. Rhopalocères). *Bulletin du Muséum national d'Histoire naturelle* (Paris) 25(5): 328-329 ([26 June]) [general; *Caenoptychia bouletii*; Brazil]
- 1922a. Description d'hésperides nouveaux. *Bulletin du Muséum national d'Histoire naturelle* (Paris) 28(2): 162-165 [(30 March)] [*Pyrrhopyge bouletii*, *Phocides yokhara inca*, *P. y. i. aberration pratti*, *P. dryas*, *Paradros talboti*; Colombia, Peru, French Guiana]
- 1922b. Description d'un *Anaea* nouveau du Mexique oriental. *Bulletin du Muséum national d'Histoire naturelle* (Paris) 28(6): 409-410 ([28 December]) [*A. genini*]
1923. Descriptions de formes nouvelles de lépidoptères rhopalocères. *Bulletin du Muséum national d'Histoire naturelle* (Paris) 29(5): 360-367 [(28 June)] [*Papilio childrenae espinayi*, *P. garleppi insidiosus*, *P. zagreus bachus* form *lathyi*, *P. cacicus* form *derufa*; Ecuador, Colombia, Peru, French Guiana]
1924. Lépidoptères nouveaux de la collection du Muséum (Rhopalocères). *Bulletin du Muséum national d'Histoire Naturelle* (Paris) 30(2): 137-139 [(27 March)] [*Catasticta rochereaui*, *Apatura (Chlorippe) elis fabaris* form *xantho*; Colombia, Peru]
- 1925a. Races et formes nouvelles de Morphos (Lep.). *Bulletin de la Société entomologique de France* 1925(3): 46-48 (30 March) [*M. patroclus guaraunos* individual form *virescens*, *M. peleides joannisi*, *M. p. luminosa*, *M. electra guaraura*, *M. rhetenor augustinae*; Venezuela, Colombia]
- 1925b. Un nouveau *Papilio* de Guyane Française. *Encyclopédie entomologique* (B) 1(1): 49-52, pl. 1 (1 June) [general; *P. bedoci*]
- 1926a. Description de quelques Morphos. *Encyclopédie entomologique* (B) 1(2): 98-108, pls. 4-5, figs. (10 January), (3): 109 (30 April) [general; *M. menelaus* form *sapphirus*, *M. m. nestira* individual form *pulverosa*, *M. m.* form *nestirina*, *M. m. naponis*, *M. paris*, *M. amathonte sarareus*; Venezuela, Colombia, Ecuador, Brazil, French Guiana]
- 1926b. Contribution à l'étude des organes sensoriels des lépidoptères. *Encyclopédie entomologique* (B) 1(3): 133-158, 33 figs. (30 April) [general; French Guiana, Brazil, Venezuela]
1927. Lépidoptères nouveaux du Muséum d'Histoire Naturelle de Paris et notes diverses. *Encyclopédie entomologique* (B) 2(1): 44-48, pl. 4 (31 January), (2): 49-58 (31 March) [general; *Callitaera pellucida* individual form *archeops*, *Epiphile lampethusa inca*; Venezuela, Peru]
- 1933a. Formes nouvelles de lépidoptères rhopalocères. *Bulletin du Muséum national d'Histoire Naturelle* (Paris) 2(5)(3): 212-214 (19 April) [*Morpho menelaus* female form *pulchra*, *Siderone mars* female; French Guiana, Peru]
- 1933b. Une belle collection au Muséum. *L'illustration* (Paris) 186 (4735): 8 pp., figs. (25 December) [general; Honduras, South America]
1936. "Aberrationen" und die Nomenklatur. *Entomologische Zeitschrift* 49(24): 491-495 (8 February), (25): 503-506 (15 February) [general]
1940. "Aberrations" et nomenclature. *VI Congreso internacional de Entomología* (Madrid), pp. 943-950.
- [general]
- Le Cerf, Ferdinand Louis, and Robert Biedermann**  
1933. Trois femelles inédites du genre *Papilio* (Lep. Papilionidae). *Bulletin de la Société entomologique de France* 38(9): 132-135 (16 June) [*P. cacicus* female form *ramona*, *P. c.* female form *candida*; Ecuador, Colombia, Venezuela]
- Leck, Charles F.**  
1970. See Emmel, T. C. & C. F. Leck, 1970.  
1974. Butterflies of St. Croix. *Journal of Research on the Lepidoptera* 12(3): 161-162 ([before 20 May]) [general; ecology]
- Le Cointe, Paul Georges Aimé [1870-1956]**  
1922. *Lépidoptères*, pp. 384-386. In: *L'Amazonie brésilienne. Le pays - Ses habitants. Ses ressources. Notes et statistiques jusqu'en 1920*. Paris, Augustin Challamel. 2: [iv] + 495 pp., pls. 41-66, 1 map. [general]
1945. *O Estado do Pará. A terra, a água e o ar. A fauna e a flora. Mineraes*. São Paulo, Companhia Editora Nacional. x + 308 pp., 32 pls. (*Brasília*, serie 5a., *Grande Formato*, vol. 5) [general; Brazil]
- Le Conte, John Eatton [1784-1860]**  
1829-[1837]. See Boisduval, J. B. A. D. de & J. E. Le Conte, 1829-[1837].
- Le Crom, Jean-François [1949- ]**  
1990. Description d'une nouvelle espèce de *Vila* de Colombie (Lepidoptera Nymphalidae). *Bulletin de la Société Sciences Nat* 65: 15, figs. 5-6 (15 January) [*V. carmenae*]
1994. Una nueva subespecie de *Altopedaliodes* Foster [sic], 1964 de la Cordillera Central de Colombia (Lepidoptera: Nymphalidae, Satyrinae, Pronophilini). *Shilap* 22(87): 259-262, 7 figs. (30 September) [*A. reissi salazar*]
- 1997a. See Johnson, K. D. et al., 1997.  
1997b. See Johnson, K. D. & J. F. Le Crom, 1997a.  
1997c. See Johnson, K. D. & J. F. Le Crom, 1997b.  
1997d. See Johnson, K. D. & J. F. Le Crom, 1997c.  
1997e. See Torres, R. & J. F. Le Crom, 1997.  
1999. See Torres, R. et al., 1999.  
2009. See Huertas, B. C. et al., 2009.  
2012. See Cast, M. & J.-F. Le Crom, 2012.  
[2014]. See Llorente, J. E. & J. F. Le Crom, [2014].  
2015a. See Nakahara, S. et al., 2015d.  
2015b. See Neild, A. F. E. et al., 2015.  
2015c. See Blandin, P. & J.-F. Le Crom, 2015.  
2016. See Llorente, J. E. et al., 2016.  
2017. See Blandin, P. & J.-F. Le Crom, 2017.  
2019. See Andrade, M. G. et al., 2019.
- Le Crom, Jean François, and Stéphane Attal**  
2013. *Perisama oppelii* (Latreille, 1809) dans la Sierra Nevada de Santa Marta en Colombie: une nouvelle sous-espèce (Lepidoptera, Nymphalidae). *Lambillionea* 113(2): 149-154, 4 figs. (September) [*P. o. mairae*]
- Le Crom, Jean François, Omar Ávalos, Walter Winhard, Miguel Gonzalo Andrade and Jorge Enrique Llorente**  
2018. Analysis of some morphological characters of *Elzunia* Bryk, 1937 (Nymphalidae: Danainae: Ithomiini) results in a revised classification. *Zootaxa* 4387(1): 1-46, 35 figs., 1 tab. (26 February) [new subspecies: *E. humboldt carlosi*, *E. h. willmotti*; Venezuela, Colombia, Ecuador, Peru]
- Le Crom, Jean François, Luis Miguel Constantino and Julián Adolfo Salazar**  
2002. *Mariposas de Colombia. Tomo I: Papilionidae*. Bogotá, Carlec Ltda. 112 pp., 51 pls., figs., maps (July)

[general; new subspecies: *Parides erithalion choacoensis*, *P. e. browni*, *P. lysander orinocoensis*, *Heraclides astyalus anchicayaensis*, *Mimoides euryleon rodriguezii*; distribution; life histories; host plants]

**Le Crom, Jean-François, and Kurt Duane Johnson**

1993. New species and new records of "elfin"-like hairstreak butterflies from Colombia (Lepidoptera, Lycaenidae, Theclinae). *Reports of the Museum of Natural History, University of Wisconsin (Stevens Point)* 38: [i-ii], 1-8, pl. 8, 1 fig. (13 December) [*Solanorum rusticum*, *Pontirama nordea*, *Paralustrus salazari*, *Radissima torresi*, *Candora triangulara* Johnson, *Abloxurina contricolora* Johnson, *Rhamma comstocki* Johnson]
- 1997a. Additional new species and records of elfin butterflies from Colombia (Lycaenidae). *Revista de Theclinae colombianos* 1(7): [ii] + 1-8, 2 figs. (15 August) [*Pons regala*, *Candora swarthea*, *Pontirama andradei*]
- 1997b. Additions to the *Strymon* fauna of Colombia (Eumaeini; Strymonina). *Revista de Theclinae colombianos* 2(16): [ii] + 1-47, pls. 13-14, 19 figs. (15 August) [new species: *S. anthracæus*, *S. henaoui*, *S. alicia*, *S. vividus*, *S. dondiego*, *S. profusorubrus*, *S. lecromi*, *S. baricharensis*, *S. hurtadoi*, *S. necebus*, *S. angulus*, *S. additionalis*]
- 1997c. A new species group of South American *Strymon* and its possible affinity to elements of the Antillean *Strymon* fauna (Eumaeini, Strymonina). *Revista de Theclinae colombianos* 2(18): [ii] + 1-17, pls. 17-18, 6 figs. (15 August) [new species: *S. carmencitae*, *S. rosari*, *S. originatus*, *S. specialus*; Colombia, Venezuela, Surinam, Trinidad, Argentina]

**Le Crom, Jean François, Jorge Enrique Llorente, Luis Miguel Constantino and Julián Adolfo Salazar**

2004. *Mariposas de Colombia. Tomo 2: Pieridae*. Bogotá, Carlec Ltda. 133 pp., 42 pls., figs., maps (November) [with contributions by Miguel Gonzalo Andrade, Maurizio Bollino, Diana Jimena Castro, Giovanni Fagua, Gerardo Lamas, Tomasz Pyrcz, Gabriel Rodríguez, Rodrigo Torres, and Walter Winhard] [general; new taxa: *Enantia lina agatha* Lamas, Llorente & Constantino, *E. albania zoraida* Lamas, Llorente & Constantino, *E. a. sonya* Lamas, Llorente & Winhard, *Dismorphia thermesia minima* Llorente, Andrade & Salazar, *D. lelex valeria* Lamas, Llorente & Salazar, *D. arcadia diana* Lamas, Llorente & Rodríguez, *D. altis sophia* Lamas, Rodríguez & Llorente, *D. a. negreti* Pyrcz & Rodríguez, *D. medora reducta* Llorente & Andrade, *D. zaela laura* Lamas, Llorente & Salazar, *D. theucharila marta* Rodríguez, Llorente & Salazar, *D. t. yolanda* Lamas, *Moschoneura pinthous monica* Lamas, *M. ela xanthella* Le Crom, Llorente & Fagua, *Zerene cesonia patiensis* Constantino, Rodríguez & Salazar, *Z. c. boyacensis* Le Crom, Winhard & Torres, *Pyrisitia dina gabriela* Le Crom & Llorente, *Eurema xanthochlora edentata* Le Crom & Constantino, *E. x. magna* Winhard & Le Crom, *E. salome santamarta* Le Crom, Winhard & Salazar, *E. limoneus neglecta* Le Crom & Rodríguez, *E. mexicana citrella* Winhard, Le Crom & Constantino, *E. m. tayrona* Winhard, Le Crom & Salazar, *Archonias tereas semialba* Constantino, Salazar & Rodríguez, *A. t. brevia* Rodríguez, Le Crom & Salazar, *Leodonta tellane triangulata* Constantino & Rodríguez, *L. zenobia angustata* Constantino & Fagua, *L. tagaste colombiana* Constantino & Salazar, *Catasticta prioneris nigrilineata* Bollino, Rodríguez & Constantino, *Melete leucanthe*

*veronica* Le Crom & Llorente, *M. lycimnia reducta* Constantino, Le Crom & Torres, *Leptophobia eleone denigrata* Le Crom, Andrade & Winhard, *L. gonzaga sotara* Lamas, Rodríguez & Constantino, *L. tovaria pseudolympia* Le Crom, Llorente & Salazar, *L. t. sanctipetri* Andrade, Le Crom & Winhard, *L. philoma pseudopentica* Le Crom & Llorente, *L. p. intermedia* Llorente & Le Crom, *L. micaia* Lamas, Pyrcz & Rodríguez, *Tatochila xanthodice nigrisulphurata* Le Crom, Torres & Salazar, *Ganyra phaloe confusa* Llorente, Le Crom & Torres; taxonomy; distribution; ecology; behavior; host plants]

**Lederer, Gustav [1892-1962]**

1921. *Tagfalter (Diurna)*. 2: vi + 172 pp. In: *Handbuch für den praktischen Entomologen. Allgemeine Biologie nebst ausführlicher Anleitung zur Haltung und Zucht der Insekten und Spinnentiere, sowie zur experimentellen Entomologie, besonders auf Grund der in Insektenhaus des Zoologischen Gartens der Stadt Frankfurt am Main gemachten Erfahrungen und Beobachtungen*. Frankfurt am Main, Verlag des Internationalen Entomologischen Vereins E.V. [general; host plants; Neotropics]
1928. Lebende Himmelsvögel im Frankfurter Insektenhaus. *Mitteilungen aus dem Frankfurter Zoo* 5(3): 2 (1 March) [*Morpho laertes* (Drury), *M. hercules* (Dalman)]
1929. Lebende *Morpho laertes* Druce (=epistrophis Hbn.) und *Morpho hercules* Dalm. in der Insektenabteilung des Frankfurter Aquariums. *Internationale entomologische Zeitschrift* 22(48): 445-452, 6 figs. (22 March) [life histories; Brazil]
1938. *Die Naturgeschichte der Tagfalter unter besonderer Berücksichtigung der palaarktischen Arten. Lebensweise, Beziehungen zur Umwelt, Verbreitung, Parasiten, Krankheiten, wirtschaftliche Bedeutung, Bekämpfungsmassnahmen, Naturschutz, Anleitung zur Haltung und Zucht usw. besonders auf Grundlage der Beobachtungen und Erfahrungen, die in der Insekten- und Schädlingsabteilung der Städtischen Tiergarten-Aquariums Frankfurt a. M. gewonnen wurden*. Frankfurt am Main, Otto H. Wrede. 1: 1-160, frontisp., 2 pls., figs. [general; Neotropics]
1941. *Die Naturgeschichte der Tagfalter... Teil II*. Stuttgart, Alfred Kernen. pp. 161-354, 71 figs. [general; Neotropics]
1961. Eine neue nigristische Form von *Papilio androgeus laodocus* F. *Entomologische Zeitschrift* 71(4): 45-47, 2 figs. (15 February) [*P. a. l. form vollmanni*; Brazil]

**Lederer, Julius [1821-1870]**

1858. Bücher-Anzeigen. Enumeratio corporum animalium Musei imperialis academiae scientiarum Petropolitanae. Classis Insectorum. Ordo Lepidopterorum. Pars II. Lepidoptera heterocera. Accedunt tab. VIII. Petropoli 1857. *Wiener entomologische Monatschrift* 2(7): 222-224 (July) [general; book review]

**Lederhouse, Robert Cecil [1948- ]**

- 1989a. See Scriber, J. M. & R. C. Lederhouse, 1989.
- 1989b. See Scriber, J. M. et al., 1989.
- 1991a. See Scriber, J. M. et al., 1991.
- 1991b. See Scriber, J. M. et al., 1991.
- 1991c. See Scriber, J. M. et al., 1991.
- 1995a. *Comparative mating behavior and sexual selection in North American swallowtail butterflies*, pp. 117-131, 3 figs., 6 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [Mexico]



- 1995b. See Scriber, J. M. et al., 1995.
- 1995c. See Weissmann, M. J. et al., 1995.
1996. See Scriber, J. M. & R. C. Lederhouse, 1996.
- Lederhouse, Robert Cecil, Matthew P. Ayres, James K. Nitao and John Mark Scriber**
1992. Differential use of lauraceous hosts by swallowtail butterflies, *Papilio troilus* and *P. palamedes* (Papilionidae). *Oikos* 63(2): 244-252, 4 figs., 5 tabs. (March) [Mexico]
- Ledezma, María Julieta**
1998. *Guía de campo de mariposas (Insecta - Lepidoptera) de Parque Nacional y Area de Manejo Integrado Amboró*. Santa Cruz, Universidad Autónoma Gabriel René Moreno, Museo de Historia Natural "Noel Kempff Mercado". 61 pp., figs. (December) [general; Bolivia]
2008. See Guerra, J. F. & M. J. Ledezma, 2008.
- [2017]. See Werding, L. et al., [2017].
- Ledezma, María Julieta, and Alejandra Valdivia**
2004. *Orden Lepidoptera*, pp. 123-131, 14 figs. In: Azurduy, H., J. L. Aramayo, M. J. Ledezma & A. M. Langer (Eds.), *Historia natural del municipio de Pampagrande. Una localidad típica de los valles interandinos de Bolivia*. Santa Cruz de la Sierra, Museo de Historia Natural Noel Kempff Mercado (August) [general]
- Ledger, Sophie**
2019. See Cuthill, J. F. et al., 2019.
- Ledru, André-Pierre** [1761-1825]
1810. *Voyage aux îles de Ténériffe, la Trinité, Saint-Thomas, Sainte Croix et Porto-Ricco, exécuté par ordre du gouvernement français, depuis le 30 septembre 1796 jusqu'au 7 juin 1798, sous la direction du Capitaine Baudin, pour faire des recherches et des collections relatives à l'histoire naturelle; contenant des observations sur le climat, le sol, la population, l'agriculture, les productions de ces îles, le caractère, les mœurs et le commerce de leurs habitants*. Paris, Arthus Bertrand. 2. [Spanish ed., 1810; German ed., 1812] [general]
- Leducq, Jean-Baptiste**
2016. See Shapiro, B. J. et al., 2016.
- Lee, C. S., Brian A. McCool, J. L. Moore, David M. Hillis and Lawrence Edmund Gilbert**
1992. Phylogenetic study of heliconiine butterflies based on morphology and restriction analysis of ribosomal RNA genes. *Zoological Journal of the Linnean Society* 106(1): 17-31, 6 figs., 1 tab. ([6 October]) [general]
- Lee, Cheng Eon**
1992. See Cheong, S. W. & C. E. Lee, 1992.
- Lee, Kwan Hee**
2004. See Poladian, L. et al., 2004.
2009. See Poladian, L. et al., 2009.
- Lee, Ming-Min**
- 2005a. See Wahlberg, N. et al., 2005a.
- 2005b. See Whinnett, A. et al., 2005a.
2006. See Brower, A. V. Z. et al., 2006.
- Lee, S. Mark**
1986. See Seiber, J. N. et al., 1986.
- Lee, Sangmi**
2011. See Nieuwerkerken, E. J. van et al., 2011.
- Lee, Siu Fai**
2007. See Pringle, E. G. et al., 2007.
2010. See Ferguson, L. et al., 2010.
- Leenders, Twan**
2002. About face: *Dynastor darius*. *Fauna* (New York) 3(3): 20, 3 figs. [pupa]
- Leertouwer, Hein L.**
2007. See Wijnen, B. et al., 2007.
2009. See Stavenga, D. G. et al., 2009.
- Lees, David C.**
1986. See Beard, J. & D. C. Lees, 1986.
1989. Practical considerations and techniques in the captive breeding of insects for conservation purposes. *Entomologist* 108(1/2): 77-96, 2 tabs. (January-April) [general]
2003. See Vilorio, Á. L. et al., 2003.
2004. See Zakharov, E. V. et al., 2004b.
2008. See Silva-Brandão, K. L. et al., 2008a.
- 2011a. See Laurance, W. F. et al., 2011.
- 2011b. See Nieuwerkerken, E. J. van et al., 2011.
2013. See Regier, J. C. et al., 2013.
2014. See Timmermans, M. J. T. N. et al., 2014.
- 2015a. See Espeland, M. et al., 2015.
- 2015b. See Wu, L.-W. et al., 2015.
2016. See Timmermans, M. J. T. N. et al., 2016.
2019. See Wu, L.-W. et al., 2019.
- Lefèbre, Alexandre Louis** [1798-1868]
1835. Description d'un *Argus alexis* hermaphrodite. *Annales de la Société entomologique de France* 4(1): 145-151, pl. 1B, fig. 4 (after September) [general; gynandromorphs]
1842. Communication verbale sur la ptérologie des lépidoptères (Pl. I, II, III). *Annales de la Société entomologique de France* 11(1): 5-35, pls. 1-3 ([May]) [general; morphology]
- Lefèvre, Thierry**
2011. See Sternberg, E. D. et al., 2011.
- Leffler, Sanford R.**
1987. Mexican Lepidoptera: Eurytelinae I, by R. de la Maza E. and R. Turrent D. *Journal of the Lepidopterists' Society* 41(3): 168 (7 October) [book review]
- Legal, Luc**
1999. See Aubert, J. et al., 1999.
2009. See Torres, C. et al., 2009.
2014. See Machkour-M'Rabet, S. et al., 2014.
- 2016a. See Cavanzón, L. E. et al., 2016.
- 2016b. See Covarrubias-Camarillo, M. T. de J. et al., 2016.
- 2018a. See Cavanzón, L. E. et al., 2018.
- 2018b. See Puttick, A. et al., 2018.
- Legal, Luc, Óscar Dorado, Jérôme Albre, Kalina Bermúdez and Karime López**
2017. *Mariposas diurnas. Reserva de la Biosfera Sierra de Huautla. Estado de Morelos, México*. Cuernavaca, Universidad Autónoma del Estado de Morelos. 330 pp., figs. (20 July) [general]
- Legal, Luc, Óscar Dorado, Salima Machkour-M'Rabet, Roxanne Leberger, Jérôme Albre, Néstor A. Mariano and Charles Gers**
2015. Ecological constraints and distribution of the primitive and enigmatic endemic Mexican butterfly *Baronia brevicornis* (Lepidoptera: Papilionidae). *Canadian Entomologist* 147(1): 71-88, 4 figs., 5 tabs. (February; published online 2 June 2014)
- Legg, Gerald**
1977. More than just birds. *Antenna* 1(2): 40 (October) [A. Hall's collection in Booth Museum, Brighton, England; Central and South America]
1978. A note on the diversity of world Lepidoptera (Rhopalocera). *Biological Journal of the Linnean Society* 10(3): 343-347, 1 fig., 3 tabs. ([11 September]) [general]
- Legler, Otfried**
1991. Kurzbericht über Wanderbewegungen von *Ascia monuste evonima* (Boisduval, 1836) und *Papilio andraemon andraemon* (Hübner, 1823) auf Kuba (Lep.:

- Pieridae, Papilionidae). *Atalanta* 22(2/4): 71 (December)
1998. Beitrag zur Kenntnis der Tagfalterfauna der Insel Kuba, Grosse Antillen (Lepidoptera: Rhopalocera). *Nachrichten des entomologischen Vereins Apollo* (Neue Folge) 18(4): 397-410, 1 fig. (28 March) [general]
- Legrain, A.**  
2006. See Pittaway, A. R. et al., 2006.
- Legrand, Delphine, Virginie M. Stevens and Michel Baguette**  
2011. Selection on the wing in *Heliconius* butterflies. *BMC Genetics* 12(31): 1-3 (28 March) [general; evolution]
- Lehman, Richard**  
2005. See Garwood, K. & R. Lehman, 2005.  
2007. See Garwood, K. et al., 2007.  
2009. See Garwood, K. et al., 2009.  
2011. See Garwood, K. & R. Lehman, 2011.  
2012. See Garwood, K. & R. Lehman, 2012.  
2013. See Garwood, K. & R. Lehman, 2013.
- Lehman, Robert**  
2012. See Miller, J. Y. et al., 2012.
- Lehmann, Theodor**  
1913. 2. Gattung: *Argynnis* F. (= *Brenthis* Hbn., *Acidalia* Hbn., *Boloria* Moore, *Speyeria* Scudd.). In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 404-424 (5 June), 425-429 (10 June), pls. 85-88. [general; new species: *A. cora*; ecology; behavior; life histories; Mexico, Argentina, Chile, Bolivia, Peru]
- Lehner, Lisamarie**  
2016. See Seifert, C. L. et al., 2016.
- Lehnert, Marcus**  
2011. See Laurance, W. F. et al., 2011.
- Lehnert, Matthew S.**  
2008. The population biology and ecology of the Homerus swallowtail, *Papilio (Pterourus) homerus*, in the Cockpit Country, Jamaica. *Journal of Insect Conservation* 12(2): 179-188, 7 figs., 3 tabs. (April; published online 24 July 2007) [host plants]  
2010. New protocol for measuring Lepidoptera wing damage. *Journal of the Lepidopterists' Society* 64(1): 29-32, 3 figs. (13 April) [*Papilio (Pterourus) homerus* Fabricius; conservation; Jamaica]
- Lehnert, Matthew S., Valerie R. Kramer, John Edward Rawlins, Vanessa Verdecia and Jaret Christian Daniels**  
2017. Jamaica's critically endangered butterfly: A review of the biology and conservation status of the Homerus swallowtail (*Papilio (Pterourus) homerus* Fabricius). *Insects* (Basel) 8(3)(68): 1-16, 6 figs. (September; published online 10 July) [*Papilio garamas electryon* Bates; El Salvador]
- Lehr, William**  
1912. Zur Schmetterlingsfauna der Pampas. *Internationale entomologische Zeitschrift* 6(21): 146-147 (24 August) [general; Argentina]
- Lei, Chaoliang**  
2016. See Meng, Z. et al., 2016.
- Leiderman, Leão, and F. T. C. Vasconcellos**  
1955. Combate à "resinose" do abacaxi com modernos inseticidas orgânicos. *O Biológico* (São Paulo) 21(6): 97-103, 2 figs., 3 tabs. (June) [*Thecla basilides* (Geyer); Brazil]
- Leidner, Allison K., Nick M. Haddad and Thomas E. Lovejoy**  
2010. Does tropical forest fragmentation increase long-term variability of butterfly communities? *PLoS One* 5(3): e9534, 8 pp., 4 figs., 1 tab. (10 March) [general; Brazil; conservation]
- Leigh, Egbert Giles, Jr., and Christian Ziegler**  
2002. *A magic web. The tropical forest of Barro Colorado Island*. Oxford, Oxford University Press. xii + 292 pp., 192 figs., 3 tabs. [general; ecology; Panama]
- Leitão, Ângela Tavares**  
2014. See Roque, M. G. et al., 2014.
- Leite, Germano Leão Demolin**  
1997. See Picanço, M. C. et al., 1997.  
1998. See Picanço, M. C. et al., 1998.
- Leite, Germano Leão Demolin, Ronnie Von dos Santos Veloso, José Cola Zanuncio, Chrystian lezid Maia e Almeida, Paulo Sérgio Fiúza Ferreira, Geraldo Wilson Fernandes and Marcus Alvarenga Soares**  
2012b. Habitat complexity and *Caryocar brasiliense* herbivores (Insecta: Arachnida: Araneae). *Florida Entomologist* 95(4): 819-830, 3 figs., 4 tabs. (December) [*Eunica bechina* (Hewitson); host plant; Brazil]
- Leite, Germano Leão Demolin, Ronnie Von dos Santos Veloso, José Cola Zanuncio, Chrystian lezid Maia e Almeida, Paulo Sérgio Fiúza Ferreira, José Eduardo Serrão and Francisco de Souza Ramalho**  
2012a. Seasonal damage caused by herbivorous insects on *Caryocar brasiliense* (Caryocaraceae) trees in the Brazilian savanna. *Revista colombiana de Entomología* 38(1): 108-113, 3 tabs. (June) [*Eunica bechina* (Hewitson); host plant]
- Leite, Jessica de Carvalho**  
2016. See Ambrogi, B. G. et al., 2016.
- Leite, Karla Christiane Ayden, Catarina da Silva Motta and Francisco Felipe Xavier Filho**  
2007. Pierídeos (Lepidoptera: Pieridae) da Coleção de Invertebrados do Instituto Nacional de Pesquisas da Amazônia, INPA. *Acta amazonica* 37(3): 475-478, 1 tab. (June) [general; Brazil]
- Leite, Luis Anderson Ribeiro**  
2011. See Bonfantti, D. et al., 2011.  
2012a. See Carneiro, E. et al., 2012.  
2012b. See Dolibaina, D. R. et al., 2012.  
2012c. See Mielke, O. H. H. et al., [2012]c.  
2014a. See Salik, L. M. G. et al., 2014.  
2014b. See Santos, F. L. dos et al., 2014.  
2015a. See Salik, L. M. G. et al., 2015.  
2015b. See Pereira, L. L. et al., 2015.  
2016. See Santos, W. I. G. et al., 2016.  
2017. See Shuey, J. A. et al., 2017.  
2019. See Graça, M. B. C. S. da et al., 2019.
- Leite, Luis Anderson Ribeiro, Dayana Bonfantti, Andre Lucas Lidke, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2017. Comparative study on the hypandrium of the Neotropical Biblidinae (Lepidoptera: Nymphalidae). *Shilap* 45(178): 263-282, 128 figs. (30 June) [general; morphology]
- Leite, Luis Anderson Ribeiro, Eduardo Carneiro, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
2015. A new subspecies of *Morpho telemachus* (Linnaeus, 1758) from northeastern Brazil (Lepidoptera: Nymphalidae). *Shilap* 43(171): 479-498, 68 figs. (30 September) [*M. t. miersi*; egg, larva, pupa, imago; host plant; behavior; distribution]
- Leite, Luis Anderson Ribeiro, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2010a. Morfologia, comportamento, parasitismo e mecanismos de defesa dos imaturos de *Heraclides anchisades capys* (Hübner) (Lepidoptera, Papi-lionidae). *Revista*

- brasileira de Entomologia* 54(2): 277-287, 50 figs. (30 June) [egg, larva, pupa; host plants; Brazil]
- 2010b. External morphology of the adult of *Heraclides anchisiades capys* (Hübner, [1809]) (Lepidoptera – Papilionidae) I. Head, cephalic appendages and cervical region. *Brazilian Archives of Biology and Technology* 53(5): 1119-1126, 22 figs. (October) [Brazil]
- 2010c. External morphology of the adult of *Heraclides anchisiades capys* (Hübner, [1809]) (Lepidoptera – Papilionidae) II. Thorax and thoracic appendages. *Brazilian Archives of Biology and Technology* 53(6): 1407-1416, 22 figs. (December) [Brazil]
2011. External morphology of the adult of *Heraclides anchisiades capys* (Hübner, [1809]) (Lepidoptera – Papilionidae) III. Abdomen. *Brazilian Archives of Biology and Technology* 54(2): 331-336, 11 figs. (April) [Brazil]
2013. External morphology of the adult of *Dynamine postverta* (Cramer) (Lepidoptera, Nymphalidae, Biblidinae) and patterns of morphological similarity among species from eight tribes of Nymphalidae). *Revista brasileira de Entomologia* 57(2): 133-148, 60 figs., 2 tabs. (30 June; published online 31 May) [Brazil]
- Leite, Luis Anderson Ribeiro, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke and André Victor Lucci Freitas**
- 2012a. Immature stages of the Neotropical butterfly, *Dynamine agacles agacles*. *Journal of Insect Science* 12(37): 1-12, 49 figs. (17 March) [egg, larva, pupa; host plants; behavior; Brazil]
- Leite, Luis Anderson Ribeiro, Fernando Maia Silva Dias, Eduardo Carneiro, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
- 2012b. Immature stages of the Neotropical cracker butterfly, *Hamadryas epinome*. *Journal of Insect Science* 12(74): 1-12, 43 figs. (4 July) [egg, larva, pupa; host plant; Brazil]
- Leite, Luis Anderson Ribeiro, André Victor Lucci Freitas, Eduardo de Proença Barbosa, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
2014. Immature stages of nine species of genus *Dynamine* Hübner, [1819]: morphology and natural history (Lepidoptera: Nymphalidae, Biblidinae). *Shilap* 42(165): 27-55, 158 figs. (30 March) [general; eggs, larvae, pupae, imago; host plants; parasitoids; Brazil]
- Leite, Rafael Gervasoni Ferreira**
2014. See Cunha, F. et al., 2014.
- Leite, Rafael do Nascimento**
2007. See Barlow, B. J. et al., 2007a.
2008. See Gardner, T. A. et al., 2008.
- Lelis, Sileimar Maria**
2012. See Cruz, K. C. et al., 2012.
- Lemaire, Claude** [1921-2004]
2009. See Janzen, D. H. et al., 2009.
- Leman, Hélène**
2018. See Smadi, C. et al., 2018.
- Lemaout, Emmanuel**
1843. *Le Jardin des Plantes. Description complete, historique et pittoresque du Muséum d'Histoire Naturelle (oiseaux, reptiles, poissons, insectes et crustacés). Deuxième partie*. Paris, L. Curmer. 664 pp., pls., figs. [general]
- Lemelin, Raynald Harvey**
2012. Six-legged sojourns: Insect-based recreation and tourism. *Wings* 35(2): 11-15, 4 figs. [general; conservation]
- Lemes, Renata**
2011. See Ritter, C. D. et al., 2011.
2012. See Morais, A. B. B. de et al., 2012.
- Lemes, Renata, Ana Paula dos Santos de Carvalho, Taíse Colpo Ribeiro and Ana Beatriz Barros de Morais**
2015. Borboletas de áreas verdes urbanas de Santa Maria, sul do Brasil (Lepidoptera: Papilionoidea). *Shilap* 43(169): 95-111, 2 figs., 1 tab. (30 March) [general]
- Lemes, Renata, Camila Duarte Ritter and Ana Beatriz Barros de Morais**
2008. Borboletas (Lepidoptera: Hesperioidea e Papilionoidea) visitantes florais no Jardim Botânico da Universidade Federal de Santa Maria, Santa Maria, RS, Brasil. *Biotemas* (Florianópolis) 21(4): 91-98, 2 tabs. (December) [general]
- Lemmon, Alan R.**
2018. See Breinholt, J. W. et al., 2018.
- Lemmon, Emily Moriarty**
2018. See Breinholt, J. W. et al., 2018.
- Lemos, Ivanice Borges**
2008. See Siqueira, K. M. M. de et al., 2008.
2010. See Kiill, L. H. P. et al., 2010.
- Lemos, Walkymário de Paulo**
- 2006a. See Ribeiro, R. C. et al., 2006.
- 2006b. See Lunz, A. M. et al., 2006.
2010. See Ribeiro, R. C. et al., 2010.
- 2012a. See Ribeiro, R. C. et al., 2012.
- 2012b. See Tinôco, R. S. et al., 2012.
2013. See Ribeiro, R. C. et al., 2013.
2018. See Oliveira, T. A. de et al., 2018.
- Lemos, Walkymário de Paulo, Rafael Coelho Ribeiro, Éder Luis Azevedo Oliveira, Marina Toutenge de Souza and Maura Brito de Oliveira Costa**
2007. Inimigos naturais de pragas em cultivos de Helicônia e Bastão-do-Imperador no Nordeste Paraense. *Comunicado técnico EMBRAPA* 203: 1-4, 5 figs. (December) [*Thracides phidon* (Cramer); host plant; Brazil]
- Le Mout, Eugène** [1882-1967]
- 1925a. Race nouvelle de *Morpho* (Lep. Morphidae) du bas Orénoque, Vénézuéla. *Bulletin de la Société entomologique de France* 1925(3): 45-46 (30 March) [*M. patroclus guarauanos*]
- 1925b. Deux races nouvelles de *Morpho* (Lep. Morphidae) du bas Orénoque, Vénézuéla. *Bulletin de la Société entomologique de France* 1925(6): 109-110 (6 May) [*M. menelaus orinocensis*, *M. m. o.* aberration *occoecata*, *M. peleides tucupita*]
- 1925c. Formes connues ou nouvelles d'*Agrias phalcidon* Hew. *Bulletin de la Société entomologique de France* 1925(12): 189-196 (20 August) [general; *A. p. phalcidon* aberration *aloisi*, *A. p. p.* female aberration *bertrandi*, *A. p. p.* male aberration *strympli*, *A. p. p.* female aberration *viridis*, *A. p. p.* female aberration *atromarginata*, *A. p. p.* female aberration *obscura*, *A. p. p.* male aberration *itaituba*, *A. p. p.* female aberration *cyaneonigra*, *A. p. p.* aberration *pseudoconnectens*, *A. p. p.* male aberration *zwahleni*, *A. p. p.* female aberration *decellei*, *A. p. p.* aberration *horracki*, *A. p. p.* female aberration *saglio*, *A. p. p.* aberration *pitardi*, *A. p. p.* male aberration *lesoudieri*, *A. p. xinguensis* female aberration *nigerrima*, *A. p. x.* male aberration *pseudopitardi*; Brazil]
- 1926a. Observations sur le andromorphisme et le gynomorphisme chez les *Agrias*. *Encyclopédie entomologique* (B) 1(3): 131-132 (30 April) [general; Brazil, Peru, Bolivia, Colombia, French Guiana]
- 1926b. Description de formes peu connues ou nouvelles des

- genres *Papilio*, *Agrias* et *Morpho* (1<sup>re</sup> note). *Encyclopédie entomologique* (B) 1(3): 161-172 (30 April), (4): 173-182, pls. 8-9 (31 August) [general; *P. chabrias* variety *olivencia*, *P. c.* aberration *aloisi*, *P. c.* aberration *subaloisi*, *P. aeneas foucheri*, *P. a. f.* aberration *flavosquamosus*, *P. a. f.* aberration *decellei*, *P. a. bolivar* aberration *rubrofimbriatus*, *A. claudia claudia* aberration *subsahkei*, *A. c. c.* female aberration *flavopunctata*, *A. c. c.* aberration *guyanensis*, *A. c. c.* aberration *subguyanensis*, *A. c. c.* aberration *maroniensis*, *A. c. c.* aberration *submaroniensis*, *A. c. c.* male aberration *marquei*, *A. c. c.* aberration *submarquei*, *A. c. c.* male aberration *meunieri*, *A. c. c.* aberration *submeunieri*, *A. c. c.* aberration *clara*, *A. c. c.* aberration *rubronigra*, *A. c. c.* aberration *subrubronigra*, *A. c. c.* aberration *rubrotridens*, *A. c. c.* aberration *rubrocaerulea*, *A. c. c.* aberration *subrubrocaerulea*, *A. c. c.* aberration *vinosa*, *A. c. c.* aberration *interrupta*, *A. c. c.* aberration *subamazonica*, *A. c. c.* aberration *satanas*, *A. c. c.* aberration *subsatanas*, *A. c. c.* aberration *rebouli*, *A. c. c.* aberration *subrebouli*, *A. c. c.* aberration *reducta*, *A. c. c.* aberration *subreducta*, *A. c. c.* aberration *favareli*, *A. c. c.* aberration *wachenheimi*, *A. c. c.* aberration *aymesi*, *A. c. c.* aberration *subwachenheimi*, *A. c. c.* aberration *subaymesi*, *A. c. tapajonensis*, *A. c. sardanapalus* male aberration *pseudoporphyronis*, *A. c. pulcherrima* female aberration *pseudodubiosa*, *A. c.* male aberration *faivreii*, *A. c. sardanapalus* male aberration *rileyi*, *A. c. s.* male aberration *delormeii*, *A. c. s.* male aberration *cyanelateralis*, *A. c. s.* female aberration *cyaneapicalis*, *A. c.* female aberration *horni*, *A. phalcidon phalcidon* male aberration *impunctata*, *A. p. p.* male aberration *pseudo-lesoudieri*, *A. p. p.* male aberration *subaloisi*, *A. p. p.* male aberration *subpaulus*, *A. p. p.* aberration *levicki*, *A. p. p.* male aberration *sublesoudieri*, *A. p. p.* male aberration *ultralesoudieri*, *A. p. p.* female aberration *submicans*, *A. hewitsonius* female aberration *foucheri*, *A. pericles xanthippus* female aberration *bouvieri*, *A. p. x.* male aberration *subpericles*, *A. p. x.* male aberration *hervei*, *A. p. x.* male aberration *pseudomauensis*, *A. p. x.* female aberration *pallida*, *M. perseus foucheri*, *M. p. f.* aberration *subperseus*, *M. p. f.* male aberration *impunctatus*, *M. p. f.* male aberration *fuscus*, *M. p. f.* female aberration *bilineatus*, *M. p. f.* female aberration *decellei*, *M. p. p.* aberration *ebeninus*, *M. p. p.* aberration *aureovirescens*, *M. p. p.* female aberration *marquei*, *M. p.* male aberration *pseudohecuba*, *M. p.* male aberration *semiperseus*, *M. p.* aberration *pumilus*, *M. p. p.* aberration *subscipio*, *M. p. p.* female aberration *felderi*, *M. rhetenor augustinae* male aberration *semirhethenor*, *M. r. a.* male aberration *argoti*, *M. r. a.* male aberration *lesoudieri*, *M. r. a.* male aberration *albiconjuncta*, *M. r. a.* male aberration *dickseei*, *M. r. a.* male aberration *semicypris*, *M. deidamia lecerffi*; Brazil, French Guiana, Venezuela]
1927. Description de formes peu connues ou nouvelles des genres *Papilio*, *Agrias*, *Morpho* et *Teracolus* (2<sup>e</sup> note). *Encyclopédie entomologique* (B) 2(2): 69-72 (31 March) [*Agrias phalcidon phalcidon* aberration *lemoulti*, *A. p. p.* female aberration *leopoldi*, *A. pericles xanthippus* female aberration *magdalenae*, *A. narcissus* aberration *christinae*, *Morpho rhetenor* male aberration *subcacica*, *M. r. augustinae* male aberration *rothschildi*, *M. perseus lilianae*, *M. p. l.* aberration *pseudotheseus*, *Papilio zagreus* aberration *flavus*;
- Brazil, French Guiana, Peru, Venezuela]
- 1931a. Formes nouvelles ou peu connues d'*Agrias* (Lép., Nymph.) (1<sup>re</sup> note). *Novitates entomologicae* 1: 1-5 (1 January) [general; *A. claudia croesus* female aberration *pseudobrunhilda*, *A. c. c.* male aberration *pseudosanguinea*, *A. c. c.* aberration *subcyanea*, *A. c. sara* aberration *pseudosardanapalus*, *A. c. s.* aberration *sublugens*, *A. c. s.* aberration *subdelormeii*, *A. c. lugens* male aberration *imecourti*, *A. c. lugina* male aberration *oudini*, *A. c. pujoii*, *A. c. p.* male aberration *orleansi*, *A. c. p.* male aberration *dufourii*, *A. amydon zenodorus* aberration *nigroconjuncta*, *A. pericles mauensis* aberration *pseudotrictis*, *A. p. steinbachi*, *A. p. s.* aberration *cyanemixta*, *A. p. s.* male aberration *rogeri*, *A. p. s.* male aberration *jacobi*, *A. p. s.* male aberration *petri*, *A. p. s.* aberration *elongata*, *A. p. xanthippus* female aberration *reverdini*, *A. p. x.* aberration *theryi*, *A. p. x.* aberration *lucasi*, *A. p. x.* female aberration *daudeti*, *A. p. x.* male aberration *fochi*, *A. phalcidon phalcidon* male aberration *guisei*, *A. p. p.* female aberration *chauveloti*, *A. p. p.* male aberration *joffrei*, *A. p. p.* male aberration *gelisi*, *A. p. p.* male aberration *didoti*, *A. p. p.* female aberration *nigrobasalis*, *A. p. p.* male aberration *semialoisi*, *A. p. p.* aberration *conjuncta*, *A. p. p.* aberration *viridescens*, *A. narcissus tapajonus* male aberration *cyanoradiata*; Brazil, Ecuador, Peru, Bolivia]
- 1931b. Formes nouvelles ou peu connues de *Morpho* (Lép.) (1<sup>re</sup> note). *Novitates entomologicae* 1: 5-8 (1 January) [general; *M. rhetenor* male aberration *rosenbergi*, *M. r.* female form *paramacas*, *M. r.* female aberration *coerulesquamosa*, *M. r. tapajoz*, *M. r. fourmiera*, *M. r. f.* aberration *pseudocacica*, *M. r. f.* aberration *pseudorosenbergi*, *M. r. f.* aberration *subrosenbergi*, *M. r. f.* aberration *pseudolesoudieri*, *M. r. f.* aberration *pseudaugustinae*, *M. r. f.* aberration *pseudodickseei*, *M. r. augustinae* aberration *unicolor*, *M. r. a.* male aberration *talboti*, *M. patroclus guaraunos* aberration *arpi*, *M. p. g.* aberration *lucasi*, *M. p. g.* aberration *aboti*, *M. p. g.* aberration *subagamedes*, *M. p. g.* aberration *reverdini*; South America]
1932. Etudes sur les *Prepona*. *Novitates entomologicae* 2(Supplement 1): vii + 16 pp., pls. 1-2 (1 January) [general; new taxa: *P. joiceyi*, *P. j.* aberration *horracki*, *P. j.* aberration *violacea*, *P. j. heringi*, *P. j. overlaeti*, *P. j. o.* aberration *adunca*, *P. j. bouvieri*, *P. j. b.* aberration *subadunca*, *P. j. pseudodives*, *P. j. p.* aberration *sinuosa*, *P. j. poletii*, *P. j. paraensis*, *P. j. pebana*, *P. j. p.* aberration *nigrobasalis*, *P. j. p.* aberration *yurimaguas*, *P. j. p.* aberration *ucayali*, *P. j. tapajona*, *P. j. naranjensis*, *P. pseudojoiceyi*, *P. p. apollinari*, *P. p. trinitensis*, *P. p. fonquerniei*, *P. p. hondurensis*, *P. p. draudti*, *P. omphale subdives*, *P. o. s.* aberration *subamesia*, *P. o. s.* aberration *reducta*, *P. o. s.* aberration *nigrescens*, *P. o. smithi*, *P. o. caucensis*, *P. o. aguacensis*, *P. o. schausi*, *P. o. moreaui*, *P. o. guatemalensis*, *P. o. panamensis*, *P. philippini*, *P. p. maroniensis*, *P. p. m.* aberration *marquei*, *P. p. m.* aberration *nigerrima*, *P. rothschildi*, *P. r.* female aberration *interrupta*, *P. r.* female aberration *violacelineata*, *P. r.* female aberration *violaceapicalis*, *P. r. amazonica*, *P. r. venezuelensis*, *P. r. cuyabensis*, *P. lilianae*, *P. l.* female aberration *yanowskyi*, *P. l.* aberration *favareli*, *P. l. blanci*, *P. pseudomphale*, *P. p.* male aberration *reducta*, *P. p.* male aberration *violaceopunctata*, *P. p.* aberration *circumviolacea*, *P. p.* male aberration *aloisi*, *P. p.* aberration *delormeii*, *P. p.*

- decellei*, *P. p. foucheri*, *P. p. guiensis*, *P. p. g. aberration saglioi*, *P. p. g. female form violaceoconjuncta*, *P. p. yahnas*, *P. p. talboti*, *P. p. t. aberration steinbachi*, *P. p. buenavista*, *P. p. orinocensis*, *P. p. lichyi*, *P. subomphale*, *Pseudoprepona*; Neotropics]
- 1933a. Formes nouvelles ou peu connues de *Morpho* (Lép.) (1<sup>re</sup> note) [cont.]. *Novitates entomologicae* 2: 9-14 (30 December) [general; *M. leonte hübnéri*, *M. l. aguiro*, *M. l. a. male and female aberration faivreii*, *M. l. a. male and female aberration hervei*, *M. l. a. female aberration meunieri*, *M. achilles extremus*, *M. a. e. male aberration violaceobasalis*, *M. leontius mutabilis*, *M. l. m. male aberration cyaneobasalis*, *M. l. m. male aberration favareli*, *M. l. m. male aberration parallelus*, *M. l. m. male aberration teyssandieri*, *M. l. m. aberration lioreti*, *M. l. m. male and female aberration transiens*, *M. l. m. male aberration coeruleaconfusus*, *M. l. m. aberration coeruleodontatus*, *M. l. m. male aberration subtucupita*, *M. l. m. male aberration semitucupita*, *M. l. m. male aberration semiguarauos*, *M. l. m. male aberration brisi*, *M. l. m. male aberration subtransiens*, *M. peleides imataca*, *M. p. i. male aberration marginatus*, *M. p. i. male aberration latemarginatus*, *M. p. i. female aberration joiceyi*, *M. p. i. female aberration pitardi*, *M. p. i. female aberration incertus*; South America]
- 1933b. Formes nouvelles ou peu connues de Papilionidae (Lép.) (1<sup>re</sup> note). *Novitates entomologicae* 3(1/4): 15-16, pl. 2, fig. 7, pl. 4, figs. 1-8 (30 December) [general; *Papilio hyppason rousseau-decellei*; Venezuela, French Guiana]
- 1933c. Description d'une nouvelle forme du genre *Nessaea* (Lép., Nymph.). *Novitates entomologicae* 3(1/4): 18, pl. 2, figs. 5-6 (30 December) [*N. lesoudieri*; Brazil]
- 1933d. Formes nouvelles ou peu connues d'*Agrias* (Lép., Nymph.) (2<sup>me</sup> note). *Novitates entomologicae* 4: 28 (30 December) [*A. claudia orinocensis*, *A. c. o. aberration aguiro*; Venezuela]
- 1933e. Etudes sur les *Prepona*. *Novitates entomologicae* 3(Supplement): pls. 3-4. [general]
- 1939a. Révision du genre *Helicopsis* (Lep., Erycinidae) (1<sup>re</sup> note). *Novitates entomologicae* 11: 81-92, 21 figs. (4 November) [general; new taxa: *H. acis obidonus*, *H. a. o. female individual form androgyne*, *H. a. santaremensis*, *H. a. tapajonus*, *H. a. curusamba*, *H. a. c. female individual form subandrogyne*, *H. a. c. form albocincta*, *H. a. c. individual form subalbocincta*, *H. a. c. individual form pseudalbescens*, *H. a. c. female form nigromaculata*, *H. fournierae*, *H. f. female individual form diluta*, *H. albescens*, *H. a. paraensis*, *H. interrupta*, *H. i. solimoensis*, *H. i. manicorensis*, *H. i. m. female individual form sulphurea*, *H. i. pseudalbocincta*, *H. i. putumayensis*, *H. amazonica*, *H. wardi*, *H. beaulieui*, *H. lesoudierae*, *H. l. madeirensis*, *H. l. fleuryi*, *H. poleti*, *H. p. teffeensis*; South America]
- 1939b-40. Révision du genre *Helicopsis* (Lep., Erycinidae) (2<sup>e</sup> note). *Novitates entomologicae* 12: 96 (1 December 1939); 13/18: 97-140, pls. 5-6, figs. 22-70 (11 May 1940) [general; new taxa: *H. cupido* male individual form *bimarginata*, *H. c. male individual form reducta*, *H. c. male individual form semiflava*, *H. c. male individual form albo-transversa*, *H. c. male individual form albomarginata*, *H. c. male individual form unca*, *H. c. male individual form subunca*, *H. c. male individual form brisi*, *H. c. male individual form nigroradiata*, *H. c. male individual form lucasi*, *H. c. female individual form duhameli*, *H. c. female individual form oudini*, *H. c. female individual form alboradiata*, *H. c. female individual form alboflava*, *H. c. female individual form pallescens*, *H. c. female individual form alboflavoradiata*, *H. c. female individual form alboflavorata*, *H. c. female individual form flavescens*, *H. c. female individual form cinereoflava*, *H. c. female individual form maculata*, *H. c. female individual form picardi*, *H. c. female individual form ornata*, *H. c. pseudogradivus*, *H. c. p. male individual form riballieri*, *H. c. p. female individual form nigrotransversa*, *H. c. p. female individual form fusconigra*, *H. c. p. female individual form ornatissima*, *H. c. littoralis*, *H. c. l. female individual form lacteoradiata*, *H. c. pallida*, *H. c. venezuelensis*, *H. c. v. male individual form bilineata*, *H. c. v. male individual form semiflava*, *H. c. v. female individual form myeuli*, *H. c. v. female individual form murae*, *H. c. v. female individual form nigrofusca*, *H. c. v. female individual form pseudopallida*, *H. c. v. form grisoli*, *H. c. trinitensis*, *H. c. belemensis*, *H. c. b. male individual form dyeri*, *H. c. b. male individual form transita*, *H. c. b. male individual form sulphurea*, *H. c. b. female individual form subaurantiaca*, *H. bergeri*, *H. b. male individual form submarginata*, *H. b. male individual form proxima*, *H. b. male individual form pseudotransita*, *H. b. male individual form nigropunctata*, *H. b. male individual form subcupido*, *H. b. male individual form lemaiti*, *H. b. female individual form favareli*, *H. b. female individual form nigrescens*, *H. b. female individual form subornata*, *H. b. lehairei*, *H. b. l. male individual form subproxima*, *H. b. l. male individual form fuscocomarginata*, *H. b. l. male individual form fusca*, *H. b. l. female individual form mixta*, *H. b. l. female individual form subagardi*, *H. b. l. female individual form nigrorecta*, *H. b. l. female individual form fuscoflava*, *H. horrackae*, *H. h. male individual form fumosa*, *H. h. male individual form pseudunca*, *H. h. male individual form olivencia*, *H. h. male individual form sequerae*, *H. h. male individual form cinereoradiata*, *H. h. male individual form fuscocoradiata*, *H. h. male individual form eburneomarginata*, *H. h. male individual form flavobasalis*, *H. h. male individual form eburneoradiata*, *H. h. male individual form delormeii*, *H. h. male individual form meieri*, *H. h. male individual form fuscobasalis*, *H. h. male individual form livida*, *H. h. male individual form eburneobasalis*, *H. h. male individual form flavotransversa*, *H. h. male individual form flavofusca*, *H. h. male individual form semieburnea*, *H. l. male individual form subeburnea*, *H. h. male individual form eburnea*, *H. h. female individual form rubigofusca*, *H. h. female individual form fuscocorrecta*, *H. h. female individual form fulvonigra*, *H. h. female individual form aurantiaca*, *H. h. female individual form subaurantiaca*, *H. h. female individual form pseudo-trinitensis*, *H. h. female individual form flavoalba*, *H. h. female individual form lactea*, *H. pseudolindeni*, *H. agardi*, *H. a. male individual form aderotica*, *H. a. male individual form fulvomarginata*, *H. a. male individual form pseudocoria*, *H. a. male individual form flavissima*, *H. a. male individual form nigromarginata*, *H. a. male individual form suberotica*, *H. a. male individual form subcoria*, *H. a. female individual form pseudobergeri*, *H. a. female individual form aboti*, *H. a. female individual form telamon*, *H. a. female individual form legouaisi*, *H. a. female individual form aeacus*, *H. a. female individual form clerici*, *H. a. female individual form lanieli*, *H. a. female individual*

form *gelisi*, *H. a.* female individual form *brabanti*, *H. a.* *legayi*, *H. a. l.* male individual form *pseuderotica*, *H. a. l.* male individual form *flavomarginata*, *H. a. l.* male individual form *minerva*, *H. a. l.* male individual form *mars*, *H. a. l.* male individual form *juno*, *H. a. l.* male individual form *radiata*, *H. a. l.* male individual form *castor*, *H. a. l.* male individual form *pollux*, *H. a. l.* female individual form *iris*, *H. a. l.* female individual form *vesta*, *H. a. l.* female individual form *sylvia*, *H. a. l.* female individual form *ceres*, *H. a. l.* female individual form *proserpina*, *H. a. l.* female individual form *nausicaa*, *H. a. tapajoz*, *H. a. t.* male individual form *nigroventralis*, *H. a. t.* female individual form *sublegouaisi*, *H. a. t.* female individual form *leda*, *H. lindeni* male individual form *priamus*, *H. l.* male individual form *achilles*, *H. l.* male individual form *theseus*, *H. l.* male individual form *ulysses*, *H. l.* female individual form *penelope*, *H. l.* female individual form *calliopea*, *H. l.* female individual form *calypso*, *H. lecerfi*, *H. l.* male individual form *ajax*, *J. l.* male individual form *flavocinerea*, *H. l.* male individual form *disjuncta*, *H. l.* male individual form *philemon*, *H. l.* female individual form *seminigra*, *H. l.* female individual form *baucis*, *H. l.* female individual form *fuscocastanea*, *H. l. columbiana*, *H. l. c.* female individual form *albobasalis*, *H. l. c.* female individual form *umbriensis*, *H. l. peruviana*, *H. l. massanarensis*, *H. endymion* individual form *pluto*, *H. e.* individual form *sublatmicus*, *H. e. ininiensis*, *H. e. brasiliensis*, *H. e. b.* male individual form *saturnus*, *H. e. b.* male individual form *satanas*, *H. e. b.* female individual form *pompeius*, *H. e. marini*; South America, Trinidad]

1955. *Mes chasses aux papillons*. Paris, Editions Pierre Horay. 355 pp., 20 pls., 1 fig. (25 March) [general; autobiography; behavior; ecology; Neotropics]

#### Le Moul, Eugène, and Pierre Réal

1962-63a. *Les Morpho de l'Amérique du Sud et Centrale*. Paris, Editions du Cabinet Entomologique E. Le Moul. 1: xiv + 296 pp., 21 pls., maps (30 May 1962); 2: [16] pp., 92 pls. (1963) [general; morphology; new taxa: *M. (Iphimedeia) hercules virida* female individual form *subtusdealbata*, *M. (l.) h. hercules* male individual form *malvina*, *M. (l.) amphitron* male individual form *persion*, *M. (l.) richardus richardus* variety *rousseaui*, *M. (l.) hecuba obidona* male individual form *caligo*, *M. (l.) wernerii* individual form *flavofasciata*, *M. (l.) w.* individual form *degener* (new name, replaces *kruegeri*), *M. (l.) cisseeis cisseeitricata*, *M. (l.) c. grossensis*, *M. (l.) c.* male individual form *chloroseis*, *M. (l.) c.* male individual form *hyperophthalmus*, *M. (l.) c.* individual form *eunuchus*, *M. (l.) c.* female individual form *hyperleucus*, *M. (l.) c.* male individual form *pygmaea*, *M. (l.) c.* male individual form *electrica*, *M. (l.) phanodemus canunguchensis*, *M. (l.) p.* male individual form *anthophaena*, *M. (l.) p. p.* male individual form *obscura*, *M. (l.) p.* male individual form *phanostriata*, *M. (l.) p.* male individual form *mimetica*, *M. (l.) p.* *phanodela*, *M. (l.) p.* seasonal form *phanodelina*, *M. (l.) p. chlorophaena*, *M. (l.) theseus regularis*, *M. (l.) t. inexpectata*, *M. (l.) t.* male individual form *monilifera*, *M. (l.) t.* male individual form *cretacea*, *M. (l.) t.* male individual form *inuncinata*, *M. (l.) t. saturna*, *M. (l.) t.* male individual form *obliquifasciata*, *M. (l.) justitiae gynodela*, *M. (l.) j. triangulifera*, *M. (l.) j. oaxacensis*, *M. (l.) j.* male individual form *escalantei*, *M. (l.) j.* seasonal form *schweizeri*, *M. (l.) telemachus foucheri* variety *ochropterus*, *M. (l.) t. straeleni*, *M. (l.) t. exsuarion*, *M.*

*(l.) t.* male individual form *iphimutius*, *M. (l.) t.* male individual form *coeruleoviridis*, *M. (l.) t.* male individual form *tricolor*, *M. (l.) t.* male individual form *iphiclina*, *M. (l.) t.* male individual form *fauveli*, *M. (l.) t.* male individual form *emortua*, *M. (l.) t.* male individual form *bicolor*, *M. (l.) t.* male individual form *violetta*, *M. (l.) t.* female individual form *pseudocaius*, *M. (l.) t.* male individual form *viridiaurea*, *M. (l.) t.* male individual form *dives*, *M. (l.) t.* male individual form *hypogyna*, subgenus *Iphixibia*, subgenus *Cytheritis*, *M. (C.) sulkowskyi howarthi*, *M. (C.) s. selenaris*, *M. (C.) s.* seasonal form *heliopharis*, *M. (C.) lympharis* seasonal form *sylpharis*, *M. (C.) nymphalis*, *M. (C.) stoffeli*, *M. (C.) s.* seasonal form *felicia*, *M. (C.) ockendeni* seasonal form *limbaria*, *M. (C.) schultzei*, *M. (C.) portis* seasonal form *vincitis*, *M. (C.) p.* male individual form *thomasi*, *M. (C.) p.* male individual form *reizae*, *M. (C.) p.* male individual form *lusca*, *M. (C.) p. kasyi*, *M. (C.) p.* male individual form *schoenmanni*, *M. (C.) thamyris catharinensis*, *M. (C.) t. selvensis*, *M. (C.) t.* seasonal form *apocyris*, *M. (C.) t.* male variety *psycharis*, *M. (C.) t.* male individual form *chlorogenes*, *M. (C.) t.* male individual form *forcipifera*, *M. (C.) aega* seasonal form *tessellata*, *M. (C.) a.* female individual form *praetermixta*, *M. (C.) a.* female individual form *jordani*, *M. (C.) a. burmeisteri*, *M. (C.) a. mattensis*, *M. (C.) a.* male individual form *seitzii*, *M. (C.) a.* male individual form *triocellata*, *M. (C.) a.* male individual form *paurophthalmus*, *M. (C.) a.* male individual form *anophthalmus*, *M. (C.) a.* male individual form *roseotincta* (new name, replaces *roseus*), *M. (C.) adonis* seasonal form *semiclara*, *M. (C.)* female individual form *subtusnivea*, *M. (C.) a. praeterclara*, *M. (C.) uraneis zodiaca*, *M. (C.) u.* seasonal form *macas*, *M. (C.) u.* seasonal form *neptunus*, *M. (C.) u. biedermanni*, *M. (C.) u.* male individual form *carbonaria*, subgenus *Balachowskyina*, *M. (B.) aurora* seasonal form *rhodochrata*, *M. (B.) a.* female individual form *psychora*, *M. (B.) a.* seasonal form *transposita*, subgenus *Cypritis*, *M. (C.) cypris* male individual form *magiscaeca*, *M. (C.) c.* female individual form *emarginata*, *M. (C.) c.* female individual form *normalis*, *M. (C.) c.* male individual form *punctigera*, *M. (C.) c.* male individual form *liturata*, *M. (C.) c.* male individual form *stoffeliana*, *M. (C.) aphrodite*, *M. (C.) rhetenor subtusmurina*, *M. (C.) r.* male individual form (?) *simillima*, *M. (C.) r. equatenor*, *M. (C.) r.* seasonal form *anceps*, *M. (C.) r.* male individual form *integribasalis*, *M. (C.) r.* male individual form *sauteri*, *M. (C.) diana* seasonal form *persimilis*, *M. (C.) h. d.* seasonal form *vidua*, *M. (C.) d.* male individual form *sagittigera*, *M. (C.) cacica* seasonal form *paradisiaca*, *M. (C.) helena* individual form *defecta* (new name, replaces *impunctata*), *M. (C.) h. septentrionis*, *M. (C.) h.* seasonal form *greardi* (new name, replaces *extrema*), *M. (C.) h.* male individual form *reducta*, *M. (C.) h.* male individual form *extincta*, *M. (C.) h.* male individual form *demitellata*, *M. (C.) h.* female individual form *boveyi*, *M. (C.) cacica* female individual form *elata*, subgenus *Pessonina*, *M. (P.) polyphemus* seasonal form *selene*, *M. (P.) p.* form *psukhe*, *M. (P.) p.* female individual form *chromomene*, *M. (P.) luna niveina*, *M. (P.) l.* seasonal form *albina*, *M. (P.) l.* female individual form *subtuscolorata*, *M. (P.) laertes* female individual form *homotropus*, *M. (P.) l.* male individual form *eucheilus*, *M. (P.) l. calotropus*, *M. (P.) l.* seasonal form *avicularia*, *M. (P.) l. indecora*, *M. (P.) l. sachtlebeni*, *M. (P.)*

*catenaria scripturaria*, M. (P.) c. seasonal form *elataria*, M. (P.) c. *eutroparia*, M. (P.) *titei*, M. (P.) t. female individual form *porphyrea*, M. (P.) t. male individual form *heterotropus*, M. (P.) t. female individual form *lunulifera*, subgenus *Grasseia*, M. (G.) *centralis seguyi*, M. (G.) c. *llanalis*, M. (G.) *amathonte margaritaria*, M. (G.) a. male individual form (?) *charonia*, M. (G.) a. *ecuadorensis*, M. (G.) *didius* male individual form *destituta*, M. (G.) d. seasonal form *rubiginosa*, M. (G.) d. *secreta*, M. (G.) d. seasonal form *fraterna*, M. (G.) d. *pseudassarpai*, M. (G.) d. female individual form *scopifera*, M. (G.) d. female individual form *atlas*, M. (G.) d. male individual form *decompta*, M. (G.) d. male individual form *caeca*, M. (G.) d. male individual form *diluta*, M. (G.) d. male individual form *nucleata*, M. (G.) d. male individual form *decempunctata*, M. (G.) d. male individual form *nana*, M. (G.) d. male individual form *limbata*, M. (G.) *godarti* male individual form *consueta*, M. (G.) g. *subtuspulverea*, M. (G.) g. seasonal form *exspectans*, M. (G.) g. seasonal form *subtuscineria*, M. (G.) g. female individual form *γ-argenteum*, M. (G.) g. *plinius*, M. (G.) g. male individual form *alexandrina*, M. (G.) g. male individual form *baroca*, M. (G.) g. seasonal form *oroyensis*, M. (G.) g. male individual form *subtuscitrina*, M. (G.) g. seasonal form *coelicolor*, M. (G.) g. male individual form *rotifera*, M. (G.) g. male individual form *ulula*, M. (G.) g. male individual form *assardius*, M. (G.) *occidentalis* seasonal form *stygia*, M. (G.) o. *finiticola*, M. (G.) o. seasonal form *solstitialis*, M. (G.) o. female individual form *argentoligata*, M. (G.) o. *nestiroides*, M. (G.) o. seasonal form *menelaoides*, M. (G.) o. *abitagua*, M. (G.) *mattogrossensis pseudalexandrowna*, M. (G.) m. male individual form *aurifera*, M. (G.) *nestira* seasonal form *acutangulata*, M. (G.) *melacheilus canelosana*, M. (G.) m. *juuensis*, M. (G.) m. seasonal form *nigrocincta*, M. (G.) m. *puruensis*, M. (G.) m. seasonal form *orientis*, M. (G.) m. seasonal form *declinans*, M. (G.) male individual form *violaceocincta*, M. (G.) m. male individual form *sanguicincta*, M. (G.) *menelaus agesilaus*, M. (G.) m. seasonal form *holmii*, M. (G.) m. male individual form *arcufera*, M. (G.) m. *guyanensis*, M. (G.) m. *aguiensis*, M. (G.) m. male aberration *subcoerulea*, M. (G.) m. male individual form *rubrocincta*, M. (G.) m. male individual form *punctata*, M. (G.) m. male individual form *viridescens*, M. (G.) m. male individual form *radiosa*, M. (G.) m. male individual form *rubigo*, M. (G.) m. male individual form *pseudeugenia*, M. (G.) m. male individual form *subobsoleta*, M. (G.) m. male individual form *obsoletina*, M. (G.) m. male individual form *festaliella*, M. (G.) m. male individual form *pupillata*, M. (G.) m. male individual form *aurantiocolata*, M. (G.) m. male individual form *oculau-rantiaca*, M. (G.) m. male individual form *nigroculata*, M. (G.) m. male individual form *oculoplagiata*, M. (G.) m. male individual form *ovifera*, M. (G.) m. male individual form *deidamoides*, M. (G.) m. male individual form *discomicans*, M. (G.) m. male individual form *geminata*, M. (G.) m. male individual form *discoaerea*, M. (Morpho) *neoptolemus* seasonal form *xenolemus*, M. (M.) n. *schematica*, M. (M.) n. individual form *ophthalmophorus*, M. (M.) n. seasonal form *ortholemus*, M. (M.) n. individual form *paralemus*, M. (M.) n. *faroensis*, M. (M.) n. *smaragdina*, M. (M.) n. seasonal form *amethystina*, M. (M.) *briseis* seasonal form *pyrrhoides*, M. (M.) b. *immixta*, M. (M.) *deidamia* male individual form *nigrapex*, M. (M.) d. male individual form *depunctata*, M. (M.) d. seasonal

form *thiriodi*, M. (M.) d. *diffusa*, M. (M.) d. *steinbachi*, M. (M.) d. seasonal form *brundini*, M. (M.) d. seasonal form *meridionalis*, M. (M.) d. seasonal form *oxypterus*, M. (M.) *electra songoana*, M. (M.) e. *tenuimarginata*, M. (M.) e. seasonal form *stenochilus*, M. (M.) *granadensis humboldti*, M. (M.) g. *amaryllis*, M. (M.) g. *clypeaster*, M. (M.) g. seasonal form *astralis*, M. (M.) g. *pudicitia*, M. (M.) g. *quitensis*, M. (M.) *lycanor* seasonal form *hemerocallis*, M. (M.) *rugitaeniata daguaensis*, M. (M.) r. *pulchrimitella*, M. (M.) *microphthalmus* seasonal form *amplectens*, M. (M.) m. *exophthalmus*, M. (M.) m. *sirius*, M. (M.) *taboga*, M. (M.) *marinita* seasonal form *opaca*, M. (M.) m. seasonal form *pastellina*, M. (M.) m. male individual form *effusa*, M. (M.) m. seasonal form *coeruleofusa*, M. (M.) m. *jonquilla*, M. (M.) m. male individual form *albostrigata*, M. (M.) m. male individual form *insolata*, M. (M.) *montezuma* male individual form *stellaris*, M. (M.) m. *hondurensis*, M. (M.) m. *vincicolor*, M. (M.) m. seasonal form *cyanostolus*, M. (M.) *octavia* seasonal form *endymion*, M. (M.) o. male individual form *senilis*, M. (M.) o. individual form *lichyi*, M. (M.) o. *suboctavia*, M. (M.) o. seasonal form *septima*, M. (M.) o. *prozonaras*, M. (M.) o. seasonal form *decima*, M. (M.) *hyacinthus* male individual form *leucotaenia*, M. (M.) h. *guerrensis*, M. (M.) h. *nicaraguensis*, M. (M.) h. seasonal form *hyacinthoides*, M. (M.) h. seasonal form *izalcoensis*, M. (M.) h. male individual form *excaecata*, M. (M.) h. seasonal form *lucens*, M. (M.) h. seasonal form *inderivata*, M. (M.) h. seasonal form *lacambrensis*, M. (M.) h. female individual form *decolor*, M. (M.) h. *cambrensis*, M. (M.) h. male individual form *albolineata*, M. (M.) h. *carillensis*, M. (M.) h. seasonal form *lictoria*, M. (M.) h. *cachiensis*, M. (M.) h. seasonal form *quiriguensis*, M. (M.) h. *veragua*, M. (M.) h. *orosicola*, M. (M.) *peleides* seasonal form *kollari*, M. (M.) p. seasonal form *perlucida*, M. (M.) p. *charapensis*, M. (M.) p. seasonal form *pomone*, M. (M.) p. seasonal form *orinoca*, M. (M.) p. male individual form *aereoviridis*, M. (M.) p. seasonal form *oudini*, M. (M.) p. male individual form *narbonii*, M. (M.) p. *ululina*, M. (M.) *corydon* seasonal form *amydon*, M. (M.) c. *nesophila*, M. (M.) c. *myrmidon*, M. (M.) *confusa*, M. (M.) *peleus* seasonal form *gephyra*, M. (M.) p. female individual form *informosa*, M. (M.) p. female individual form *gisini*, M. (M.) p. female individual form *muscolor*, M. (M.) p. *violaceopeleus*, M. (M.) *tobagoensis trinitas*, M. (M.) t. seasonal form *nitens*, M. (M.) t. male individual form *laticincta*, M. (M.) *paralela* seasonal form *preponina*, M. (M.) p. male individual form *perspicua*, M. (M.) *helenor* female individual form *esperii*, M. (M.) h. *merianae*, M. (M.) h. *fluviatilis*, M. (M.) h. *basquini*, M. (M.) h. seasonal form *hannemanni*, M. (M.) h. male individual form *indecisa*, M. (M.) h. *albertii*, M. (M.) h. *maloensis*, M. (M.) h. *conquistador*, M. (M.) h. seasonal form *triplagiata*, M. (M.) h. *aurantiipuncta*, M. (M.) h. *felipensis*, M. (M.) h. male individual form *polyophthalmus*, M. (M.) h. male individual form *violaceocayennensis*, M. (M.) h. male individual form *fulvoligata*, M. (M.) h. male individual form *libridecem*, M. (M.) h. male individual form *luteifusa*, M. (M.) h. male individual form *vulcanica*, M. (M.) *papirius velata*, M. (M.) p. seasonal form *epimedes*, M. (M.) p. *oxapampensis*, M. (M.) p. male individual form *eluta*, M. (M.) p. *bolivari*, M. (M.) *achillaena mytilena*, M. (M.) a. *hansaensis*, M. (M.) a. *interfluvialis*, M. (M.) a. *spiritualis*, M. (M.) a. *insticta*, M. (M.) a. *minensis*, M. (M.) a. *nattereri*, M. (M.) a. *castroensis*, M. (M.) a. *chapadensis*, M. (M.) a.

- callicreon*, *M. (M.) a. sebae*, *M. (M.) a. antipodica*, *M. (M.) a. seasonal form knorri*, *M. (M.) a. blumi*, *M. (M.) a. roeberi*, *M. (M.) trojana* male individual form (?) *excentrica*, *M. (M.) t. missionum*, *M. (M.) t. female individual form punctatissima*, *M. (M.) t. popillina*, *M. (M.) t. seasonal form dulcis*, *M. (M.) t. seasonal form intervertita*, *M. (M.) t. seasonal form discreta*, *M. (M.) t. male individual form depauperata*, *M. (M.) t. female individual form completa*, *M. (M.) t. paranensis*, *M. (M.) t. oiticicai*, *M. (M.) t. aravantuha*, *M. (M.) t. belemensis*, *M. (M.) t. uberabensis*, *M. (M.) t. insulicola*, *M. (M.) t. honorina*, *M. (M.) t. elliana*, *M. (M.) t. seasonal form punctilineata*, *M. (M.) t. seasonal form intercubitalis*, *M. (M.) leontius diaphana*, *M. (M.) l. male individual form pseudopeleus*, *M. (M.) l. male individual form simplicata*, *M. (M.) l. seasonal form grosesmithi*, *M. (M.) l. hopfferi*, *M. (M.) l. seasonal form poppaea*, *M. (M.) l. seasonal form indentata*, *M. (M.) l. coracina*, *M. (M.) l. seasonal form cyclyria*, *M. (M.) l. peripherica*, *M. (M.) l. seasonal form preelectrica*, *M. (M.) l. urucumensis*, *M. (M.) l. nodicula*, *M. (M.) l. seasonal form marginella*, *M. (M.) l. paulensis*, *M. (M.) l. poppaena*, *M. (M.) l. marajoensis*, *M. (M.) l. male individual form rectilinea*, *M. (M.) l. male individual form involata*, *M. (M.) coelestis nubifera*, *M. (M.) achilles* male individual form *fulgurata*, *M. (M.) a. male individual form mourguesi*, *M. (M.) a. pabioni*, *M. (M.) a. seasonal form passini*, *M. (M.) a. cartoni*, *M. (M.) a. seasonal form ceresolei*, *M. (M.) a. suzanna*, *M. (M.) a. seasonal form costei*, *M. (M.) a. seasonal form aubryi*, *M. (M.) a. seasonal form andrieuxi*, *M. (M.) a. lamecki*, *M. (M.) a. male individual form milesi*, *M. (M.) a. male individual form viridiaerea*, *M. (M.) a. uruguayensis*, *M. (M.) patroclus foulquieri*, *M. (M.) p. pyriensis*, *M. (M.) p. seasonal form girardi*, *M. (M.) pseudagamedes andreae*, *M. (M.) p. berliozii*, *M. (M.) p. glaisi*, *M. (M.) guaraunos* seasonal form *rileyi*, *M. (M.) g. male individual form insolita*, *M. (M.) g. male individual form bertheti*, *M. (M.) g. male individual form mirei*, *M. (M.) g. male individual form bailyi*, *M. (M.) g. male individual form bertrandii*, *M. (M.) g. friesei*, *M. (M.) g. seasonal form lhermi*, *M. (M.) g. moriei*, *M. (M.) vitrea* seasonal form *franzellina*, *M. (M.) v. bourlierei*, *M. (M.) v. heqvisti*, *M. (M.) v. seasonal form marini*, *M. (M.) v. semileonte*; Neotropics]
- 1963b. *Splendeur et énigmes des Morpho*. Paris, Editions du Cabinet Entomologique Le Mout. [4] pp., 20 pls. [general]
- Lempke, Barend Jan** [1901-1993]  
1981. *Hamadryas amphinome* (Linnaeus) (Lep.: Nymphalidae). *Entomologische Berichten* 41(12): 179 (1 December) [accidental introduction to Holland]
- Lemus, Deyanira**  
1993. See Ramos, S. J. & D. Lemus, 1993.
- Lemus-Jiménez, Luis José, and Nelson Luis Ramírez**  
2003. Polinización y polinizadores en la vegetación de la planicie costera de Paraguaná, Estado Falcón, Venezuela. *Acta científica venezolana* 54(2): 97-114, 2 figs., 5 tabs. [general]
- Lenczewski, Barbara**  
1982. See Smith, D. S. et al., 1982.  
1983. See Leston, D. et al., 1983.
- Lendorff, Gertrude** [1900-1986]  
1955. *Maria Sibylla Merian 1647-1717 ihr Leben und ihr Werke*. Basel, Gute Schriften. 64 pp., 8 pls., [general; Surinam]
- Leneveu, Julien**  
2009. See Wahlberg, N. et al., 2009b.
- Leneveu, Julien, Anton Chichvarkhin and Niklas Wahlberg**  
2009. Varying rates of diversification in the genus *Melitaea* (Lepidoptera: Nymphalidae) during the past 20 million years. *Biological Journal of the Linnean Society* 97(2): 346-361, 3 figs., 2 tabs. (June) [general; Neotropics]
- Lenko, Karol** [1914-1975], and **Nelson Papavero**  
1979. *Insetos no Folclore*. São Paulo, Conselho Estadual de Artes e Ciências Humanas (Coleção Folclore, #18). 518 pp. [general; Brazil]  
1996. *Insetos no Folclore*. 2a. edição (revista e ampliada). São Paulo, Editora Plêiade. 468 pp., 104 figs. [general; ethnoentomology]
- Lenza, Eddie, Joice Nunes Ferreira, Hélder Consolaro and Fabiana de Gois Aquino**  
2008. Biología reproductiva de *Rourea induta* Planch. (Connaraceae), uma espécie heterostílica de cerrado do Brasil Central. *Revista brasileira de Botânica* 31(3): 389-398, 2 figs., 3 tabs. (September) [*Polites vibex catilina* (Plötz), *Urbanus* sp., *Junonia evarete* (Stoll); pollination]
- Lenzi, Maurício, Josy Zarur de Matos and Afonso Inácio Orth**  
2006. Variação morfológica e reproductiva de *Aechmea kindenii* (E. Morren) Baker var. *lindenii* (Bromeliaceae). *Acta botânica brasileira* 20(2): 487-500, 4 figs., 4 tabs. (June) [*Thecla*, *Heliconius*; host plant; pollination; Brazil]
- Lenzi, Maurício, Afonso Inácio Orth and Tânia Mara Guerra**  
2005. Ecologia da polinização de *Momordica charantia* L. (Cucurbitaceae), em Florianópolis, SC, Brasil. *Revista brasileira de Botânica* (São Paulo) 28(3): 505-513, 2 tabs. (July-September) [Hesperiidae, Pieridae]
- Leo, Mariella, Warren B. Church and Jorge Aliaga**  
2001. *Fauna*, pp. 68-82, figs. 2-5, tabs. 8-12. In: *Parque Nacional del Río Abiseo: Sector Occidental. Diagnóstico situacional para un plan de uso público*. Lima, PROFONANPE/Fondo Fiduciario Canadá (December) [general; Peru]
- León, Carlos**  
2018. See Manno, N. et al., 2018.
- León, Eva Ivette de**  
2012. See Niño-Maldonado, S. et al., 2012.  
2013. See Gálvez, E. A. et al., 2013.
- León, Guillermo Adolfo**  
1989. See García, F. et al., 1989.  
1992. Nada específico. *Notas y Noticias entomológicas* (Bogotá) 1992(7/8): 52 (15 October) [*Panoquina*; host plant; parasitoid; Colombia]
- León, Jorge Leonel**  
2003. See Molina, A. & J. L. León, 2003.  
2006. See Molina, A. & J. L. León, 2006.  
2009. See Marín, L. et al., 2009.  
2010. See Balam-Ballote, Y. del R. & J. L. León, 2010.  
2012. See Cárdenas, C. P. et al., 2012.  
2013a. See Almaraz, M. E. et al., 2013.  
2013b. See Molina, A. et al., 2013.  
2013c. See Almaraz, M. E. & J. L. León, 2013.  
2014a. See Machkour-M'Rabet, S. et al., 2014.  
2014b. See Almaraz, M. E. & J. L. León, 2014.  
2015. See Cárdenas, C. P. et al., 2015.  
2016. See Molina, A. et al., 2016.  
2018a. See Ruiz-Utrilla, Z. P. et al., 2018.  
2018b. See Puttick, A. et al., 2018.
- León, Jorge Leonel, Ubaldo Caballero and Marisol Esther Almaraz**  
2015. *Diversity and eco-geographical distribution of insects*,



- pp. 197-226, 4 figs., 8 tabs. In: Islebe, G. A., S. Calmé, J. L. León & B. Schmook (Eds.), *Biodiversity and conservation of the Yucatán Peninsula*. Cham, Springer International Publishing. [general; Mexico]
- León, Jorge Leonel, Ubaldo Caballero, Irma Dinorah Miss-Barrera and Manuel Girón-Intzin**
2019. Preserving butterfly diversity in an ever-expanding urban landscape? A case study in the highlands of Chiapas, México. *Journal of Insect Conservation* 23(2): 405-418, 5 figs., 5 tabs. (April; published online 22 April) [general]
- León, Jorge Leonel, Robert Wallace Jones and Olga L. Gómez-Nucamendi**
2003. A preliminary assessment of the butterfly fauna of El Edén Ecological Reserve: Species richness and habitat preferences, pp. 261-276, 3 figs., 2 tabs. In: Gómez-Pompa, A., M. F. Allen, S. L. Fedick & J. J. Gómez-Osorio (Eds.), *The lowland maya area. Three millenia at the human-wildland interface*. New York, The Haworth Press, Inc. [general; Mexico]
- León, Jorge Leonel, Moisés Armando Luis, Marcelina Blas and Adriana Rodríguez**
2013. *Mariposas*, pp. 213-218, 3 figs. In: Cruz, A., E. D. Melgarejo, F. Camacho & K. C. Nájera (Eds.), *La biodiversidad en Chiapas. Estudio de estado*. México, D. F., CONABIO. 2. (February) [general; Mexico]
- León, Jorge Leonel, Francisco Pérez-Espinoza, Linda Marín and Arcángel Molina**
2004. Complex habitat requirements and conservation needs of the only extant Baroniinae swallowtail butterfly. *Animal Conservation* 7(3): 241-250, 3 figs., 3 tabs. (published online 19 August) [*Baronia brevicornis* Salvñ; host plants; Mexico]
- León, L. S.**
1993. See Peterson, A. T. et al., 1993.
- León, María Mercedes**
2012. See Godínez, D. et al., 2012.
- León-Galván, Griselda del Carmen, Rafael Guzmán-Mendoza, Manuel Darío Salas-Araiza, Luis Felipe Ramírez-Santoyo, Luis Pérez-Moreno and Héctor Gordon Núñez-Palenius**
2019. Patrones de riqueza y diversidad de insectos en tres cultivos de la localidad de El Copal, Irapuato, Guanajuato, México. *Entomología mexicana* 6: 69-74, 3 figs., 2 tabs. (July) [Satyridae]
- León-Ricardo, Brian X.**
2019. See Zhang, W. et al., 2019.
- Leonard, Inocenta**
1998. Lepidópteros cubanos. *Phoebis avellaneda* (Herrich-Schaffer [sic]). *Mariposas del Mundo* (Buenos Aires) 4: 15-16, 2 figs. (March)
- Leonardi, Richard K.**
2016. See Erenler, H. E. et al., 2016.
- Leong, Kam W.**
2018. See He, J. et al., 2018.
- Leong, Kingston L. H.**
1995. See Brower, L. P. et al., 1995.
- Leong, Kingston L. H., Michael A. Yoshimura and Harry K. Kaya**
1997. Occurrence of a nongregarine protozoan, *Ophryocystis elektrosirrha* McLaughlin and Myers, in populations of Monarch and Queen butterflies. *Pan-Pacific Entomologist* 73(1): 49-51, 2 tabs. (14 February) [*Danaus plexippus* (Linnaeus); Mexico]
- Lepage, Hélio Sermenha [1905-1974], and Eduardo Rodrigues de Figueiredo, Jr.**
1945. *Contribuição para o levantamento fitossanitário do Estado de São Paulo*. São Paulo, Secretaria da Agricultura, Indústria e Comércio. 116 pp., [general; Brazil]
- Lepage, Hélio Sermenha, and Osvaldo Giannotti**
1945. Experiências preliminares de alguns inseticidas no controle de várias lagartas daninhas. *O Biológico* (São Paulo) 11(7): 182-186, 3 tabs. (July) [*Ascia monuste* (Linnaeus); Brazil]
- Le Pelley, Richard Henry [1903-1979]**
1968. *Pests of coffee*. London, Longmans, Green and Co. Ltd. xii + 590 pp., 28 pls., 21 figs. [*Gynaecia dirce* (Linnaeus), *Caligo memnon telamonius* (C. Felder & R. Felder); Guyana, Brazil]
- Lepesme, Pierre Charles [1913-1957]**
1947. *Les insectes des palmiers*. Paris, Paul Lechevalier. 904 pp., 638 figs. (30 June) [general; host plants; eggs, larvae, pupae, imagines; behavior; habitat; parasitoids; Neotropics]
- Lepesqueur, Cintia**
- 2016a. See Silva, N. A. P. da et al., 2016.
- 2016b. See Scherrer, S. et al., 2016.
- Lepesqueur, Cintia, Helena Castanheira de Moraes and Ivone Rezende Diniz**
2012. Accidental fire in the Cerrado: Its impact on communities of caterpillars on two species of *Erythroxylum*. *Psyche* (Cambridge 2012(101767)): 1-7, 2 figs., 4 tabs. [*Emesis* sp., *Hallonympha paucipuncta* (Spitz); host plants; Brazil]
- Lepesqueur, Cintia, Marina Neis, Neuza Aparecida Pereira da Silva, Thayane Pereira, Hanna Pâmela Araújo Rodrigues, Tácio Trindade and Ivone Rezende Diniz**
2017. *Elbella luteizona* (Mabille, 1877) (Lepidoptera, Hesperidae: Pyrginae) in Brazilian Cerrado: larval morphology, diet, and shelter architecture. *Revista brasileira de Entomologia* 61(4): 282-289, 8 figs., 2 tabs. (December; published online 2 September) [egg, larva, pupa, imago; host plants; parasitoids; ecology; behavior]
- Leponce, Maurice**
2017. See Basset, Y. et al., 2017.
- Le Poul, Yann**
2013. See Jones, R. T. et al., 2013.
2015. See Huber, B. et al., 2015.
- 2016a. See Chazot, N. et al., 2016a.
- 2016b. See Mérot, C. et al., 2016.
- 2016c. See Arias, M. M. et al., 2016a.
2019. See McClure, M. et al., 2019b.
- Le Poul, Yann, Annabel C. Whibley, Mathieu Chouteau, Florence Piron-Prunier, Violaine Llaurens and Mathieu Joron**
2014. Evolution of dominance mechanisms at a butterfly mimicry supergene. *Nature Communications* 5(5644): 1-8, 4 figs. (27 November) [*Heliconius numata* (Cramer); Peru]
- Leppik, Elmar Emil [1898-1978]**
1954. La facultad de las mariposas para distinguir números figurados. *Comunicaciones del Instituto tropical de Investigaciones científicas* (San Salvador) 3(4): 151-158, 2 pls. (October-December) [general; behavior; El Salvador]
1955. La facultad de las mariposas para distinguir números figurados (II). Observaciones con mariposas marcadas. *Comunicaciones del Instituto tropical de Investigaciones científicas* (San Salvador) 4(1/2): 55-59, 4 tabs. (January-June) [general; behavior; El Salvador]

- Leppik, Ene**  
2015. See Mérot, C. et al., 2015.
- Lerma, Luis F., Iván E. Rojas, Néstor R. Velasco and Adalberto Figueroa**  
1986. Guía práctica para la identificación y manejo de las principales plagas en cultivos frutales. *Acta agronómica* (Palmira) 36(3): 68-74 (July-September) [general; Colombia]
- Le Roy, Camille, Vincent Debat and Violaine Llaurens**  
2019. Adaptive evolution of butterfly wing shape: from morphology to behaviour. *Biological Reviews* (Cambridge) 94(4): 1261-1281, 6 figs. (August; published online 21 February) [general]
- Lescure, Jean, Joël Jérémie, Wilson R. Lourenço, Jean-Paul Mauriès, Jacques Pierre, Claude Sastre, and Jean-Marc Thibaud**  
1991. Biogéographie et insularité: L'exemple des Petites Antilles. *Compte Rendu des Séances de la Société de Biogéographie* (Paris) 67(1): 41-59, 4 tabs., 1 map [general]
- Leske, Nathanael Gottfried** [1757-1786]  
1779. *Anfangsgründe der Naturgeschichte*. Leipzig, S. L. Crusius. xxxviii + 560 pp., 21 ll., 10 pls. [Ed. 2, 1784; Italian Ed., 1785; Russian Ed., 1790] [general]
- Lesse, Jacques Hubert de** [1914-1972]  
1952. Note sur les genres *Precis* Hb. et *Junonia* Hb. (Lep. Nymphalidae). *Bulletin de la Société entomologique de France* 57(5): 74-77, 2 figs. (30 June) [general; Brazil]  
1965-66. Impressions d'un lépidoptériste en Amérique du Sud. *Alexanor* 4(4): 171-178 (30 December 1965), (5): 225-232, pls. 6-7 (15 April 1966), (6): 242-252, pls. 8-9 (June 1966) [general; behavior; ecology]  
1967a. Note sur le genre *Euptychia* (s.l.) (Lep. Satyridae). *Lambillionea* 66(5/6): 34-39, 2 figs. (25 April) [general; new species: *Yphthimoides caliginosa*; Peru, Bolivia]  
1967b. Les nombres de chromosomes chez les lépidoptères rhopalocères néotropicaux. *Annales de la Société entomologique de France* (N.S.) 3(1): 67-136, 39 figs. [general]  
1970a. Les nombres de chromosomes chez les lépidoptères rhopalocères en Amérique Centrale et Colombie. *Annales de la Société entomologique de France* (N.S.) 6(2): 347-358 (15 May) [general]  
1970b. Formules chromosomiques de quelques lépidoptères rhopalocères de Guyane. *Annales de la Société entomologique de France* (N.S.) 6(4): 849-855, 3 figs. (December) [general]
- Lesse, Jacques Hubert de, and Keith Spalding Brown, Jr.**  
1972. Formules chromosomiques de lépidoptères rhopalocères du Brésil. *Bulletin de la Société entomologique de France* 76(5/6): 131-137 (29 January) [general]
- Lessmann, Janeth**  
2014. See Fajardo, J. et al., 2014.
- Lesson, René Primevère** [1794-1849]  
1826. Description de six espèces nouvelles de papillons, par Th. Roger. *Bulletin des Sciences naturelles et de Géologie* 9(1): 121 (September) [general; *Papilio*; review]
- Leston, Dennis** [1917-1981]  
1982. See Smith, D. S. et al., 1982.
- Leston, Dennis, and David Spencer Smith**  
1981. *Eurema daira* (Lepidoptera: Pieridae) in the Bahamas. *Florida Entomologist* 63(4): 509-510 (23 January)
- Leston, Dennis, David Spencer Smith and Barbara Lenczewski**  
1983. Habitat, diversity and immigration in a tropical island fauna: the butterflies of Lignumvitae Key, Florida. *Journal of the Lepidopterists' Society* 36(4): 241-255, 3 figs., 1 tab. (18 March) [general; Cuba, Bahamas]
- Leston, Dennis, and Van Hulen Waddill**  
1981. *Papilio androgeus* (Cramer) (Lepidoptera: Papilionidae) in Dade County, Florida. *Florida Entomologist* 63(4): 509 (23 January) [West Indies]
- Lethève, François**  
2001. Moeurs de quelques rhopalocères guyanais, à l'usage du chasseur néophyte. *Bulletin des Lépidoptéristes parisiens* 10(19): 50-51 (September) [general; behavior; French Guiana]  
2003. Quatre biotopes guyanais et leurs espèces caractéristiques de Rhopalocères (septembre-octobre 1999 et 2000). In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des Lépidoptéristes parisiens* numéro hors-série: 134-137, pl. 25 (January) [Ed. 2, October 2007] [general; French Guiana]
- Letourneau, Deborah K.**  
2004. *Mutualism, antherbivore defense, and trophic cascades: Piper ant-plants as a mesocosm for experimentation*, pp. 5-32, 6 figs., 6 tabs. In: Dyer, L. A. & A. D. N. Palmer (Eds.), *Piper: A model genus for studies of phytochemistry, ecology and evolution*. New York, Kluwer Academic / Plenum Publishers. [*Quadrus cerialis* (Stoll); host plants; Costa Rica]
- Leung, Raymond**  
2007. See Kavanagh, J. & R. Leung, 2007.
- Leuschner, Ronald Henley** [1930-2014]  
1989. The butterflies of Hispaniola, by Albert Schwartz. *News of the Lepidopterists' Society* 1989(5): 72 (September-October) [book review]
- Leuthold, Juerg**  
2013. See Siddique, R. S. et al., 2013.
- Lévêque, Antoine**  
2007. Une nouvelle espèce de *Macrosoma* Hübner, 1818 (Lepidoptera, Hedyliidae). *L'Entomologiste* 63(4): 197-206, 17 figs. (September) [*N. majormacula*; Costa Rica, Ecuador, French Guiana]
- Lévêque, Antoine, and Jacques Pierre**  
2017. Étude des relations phylogénétiques au sein des Charaxini (*Charaxes*, *Euxanthe* et *Polyura*) (Lepidoptera Nymphalidae Charaxinae). *Antenor* 4(1): 5-57, 30 pls., 11 figs., 1 tab. ("15" [14] June) [*Archaeoprepona demophon* (Linnaeus), *Prepona pheridamas* (Cramer)]
- Lever, Robert John Aylwyn Wallace**  
1970. Las plagas del cocotero. *FAO, Estudios agropecuarios* (Roma) 77: xiii + 195 pp., 106 figs. [*Brassolis sophorae* (Linnaeus), *B. astyra* Godart; host plants]
- Lever, Yves**  
2003. Liste commentée des Heliconiinae de Guyane française (Lepidoptera Nymphalidae). In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des Lépidoptéristes parisiens* numéro hors-série: 40-48, pl. 5, 1 fig. (January) [Ed. 2, October 2007] [general]
- Lever, Yves, Colette Chazal and Daniel Lacomme**  
2008. *Reconnaissance des morphes de Heliconius melpomene de Guyane française (Lepidoptera: Nymphalidae, Heliconiinae)*, pp. 4-13, figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 3. Rhopalocères 2*. Paris, Association des Lépidoptéristes de France (September) [general; new infrasubspecies: *H. m. melpomene alabanda*, *H. m. meriana novalis*, *H. m. m. penthesilea*, *H. m. m. hyperion*, *H. m. thelxiopeia diotima*]  
2011. *Reconnaissance des morphes de l'espèce Heliconius*

- erato de Guyane (*Lepidoptera: Nymphalidae; Heliconiinae*), pp. 4-9, 3 pls., 2 figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 4. Heliconiinae - Riodinidae*. Paris, Association des Lépidoptéristes de France (September) [general; Brazil]
- Lever, Yves, and Daniel Lacomme**
2011. *Répertoire commenté des espèces du genre Eueides de la Guyane (Lepidoptera: Nymphalidae; Heliconiinae)*, pp. 10-13, 1 pl., 3 figs. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Tome 4. Heliconiinae - Riodinidae*. Paris, Association des Lépidoptéristes de France (September) [general; larva, pupa; host plant]
- Lever, Yves, and François Morel**
2001. Étude des phénotypes de 3 générations d'élevage d'*Heliconius melpomene* (*Lepidoptera Nymphalidae Heliconiinae*). *Bulletin des Lépidoptéristes parisiens* 10(19): 39-46, 1 pl., 4 tabs. (September)
- Levin, D. A.**
1976. See Rodríguez, E. & D. A. Levin, 1976.
- Leviski, Gabriela Lourenço**
2015. See Siewert, R. R. et al., 2015b.
2016. See Dias, F. M. S. et al., 2016.
2018. See Siewert, R. R. et al., 2018a.
- Leviski, Gabriela Lourenço, Luziany Queiroz-Santos, Ricardo Russo Siewert, Lucy Mila Garcia Salik, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
2015. Distribution extension of *Adelpha melona pseudarete* Fruhstorfer, 1915 (*Lepidoptera: Nymphalidae*) with the first records for South Brazil. *Check List* 11(4)(1693): 1-4, 6 figs. (14 July)
2016. Butterflies (*Lepidoptera: Papilionoidea*) in a coastal plain in the state of Paraná, Brazil. *Tropical Lepidoptera Research* 26(2): 62-67, 4 figs., 2 tabs. (28 December) [general]
- Levy, Orr**
2019. See Ray, D. A. et al., 2019.
- Lewenstein, Bruce V.**
2015. See Gustafsson, K. M. et al., 2015.
- Lewinsohn, Thomas Michael**
1982. See Vasconcellos, J., Neto & T. M. Lewinsohn, 1982.
1984. See Vasconcellos, J., Neto & T. M. Lewinsohn, 1984.
2006. See Almeida, A. M. de et al., 2006.
2015. See Freitas, A. V. L. et al., 2015a.
- Lewinsohn, Thomas Michael, André Victor Lucci Freitas, and Paulo Inácio Prado**
- 2005a. Conservation of terrestrial invertebrates and their habitats in Brazil. *Conservation Biology* 19(3): 640-645, 1 tab. (June) [general]
- 2005b. Conservação de invertebrados terrestres e seus habitats no Brasil. *Megadiversidade* 1(1): 62-69, 1 tab. (July) [general]
- Lewinsohn, Thomas Michael, and Tomas Roslin**
2008. Four ways towards tropical herbivore megadiversity. *Ecology Letters* 11(4): 398-416, 4 figs., 2 tabs. (April; published online 31 January) [general]
- Lewis, Charles Bernard, Jr. [1913-1992]**
1941. Partial list of butterflies collected at Munro College. *Natural History Notes of the natural History Society of Jamaica* 1(1): 8 (April) [general; Jamaica]
1942. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 1(6): 10 (July) [*Kricogonia castalia* (Fabricius), *Pieris monuste* (Linnaeus); Jamaica]
- 1943a. See Carpenter, G. D. H. & C. B. Lewis, 1943.
- 1943b. [Notes]. *Natural History Notes of the natural History Society of Jamaica* 1(10): 5 (March) [*Colaenis julia delila* (Fabricius); Jamaica]
- 1943c. Field notes from Portland Ridge. *Natural History Notes of the natural History Society of Jamaica* 1(12): 5 (July) [general; Jamaica]
- 1943d. Believe it or not! *Natural History Notes of the natural History Society of Jamaica* 1(12): 14 (July) [*Papilio homerus* Fabricius; Jamaica]
- 1944a. *Papilio homerus*. *Natural History Notes of the natural History Society of Jamaica* 2(17): 78 (May) [Jamaica]
- 1944b. The abundance of butterflies. *Natural History Notes of the natural History Society of Jamaica* 2(18): 104 (July) [general; Jamaica]
- 1944c. Butterfly notes and records. *Natural History Notes of the natural History Society of Jamaica* 2(19): 118 (September) [general; Jamaica]
- 1944d. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 2(20): 133 (November) [general]
- 1946a. A new swallowtail butterfly. *Natural History Notes of the natural History Society of Jamaica* 3(26): 33 (March) [*Papilio andraemon* Hübner; Jamaica]
- 1946b. Butterfly larva on white mangrove. *Natural History Notes of the natural History Society of Jamaica* 3(26): 33 (March) [*Junonia lavinia* (Cramer); Jamaica]
- 1947a. Butterfly notes & records. *Natural History Notes of the natural History Society of Jamaica* 3(29/30): 91 (May) [general; Jamaica]
- 1947b. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 3(31): 111 (August) [*Brephidium isophthalma* (Herrich-Schäffer); Jamaica]
- 1948a. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 3(32): 143 (January) [general; Jamaica]
- 1948b. A butterfly record. *Natural History Notes of the natural History Society of Jamaica* 3(33): 157 (March) [*Eurema gundlachia* (Poey), *E. proterpia* (Fabricius); Jamaica]
- 1948c. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 3(35/36): 204 (December) [general; Jamaica]
- 1949a. A new butterfly? *Natural History Notes of the natural History Society of Jamaica* 4(37): 13 (March) [Jamaica]
- 1949b. Andrey Avinoff 1884-1949 [Obituary]. *Natural History Notes of the natural History Society of Jamaica* 4(39): 44, 52 (August) [*Papilio homerus* Fabricius, *Chlosyne pantoni* Kaye; Jamaica]
- 1949c. Butterfly notes. *Natural History Notes of the natural History Society of Jamaica* 4(39): 48 (August) [*Papilio homerus* Fabricius, *Chlosyne pantoni* Kaye; Jamaica]
1951. *Papilio sinon*. *Natural History Notes of the natural History Society of Jamaica* 5(49): 8 (July) [Jamaica]
1953. The unpredictable butterfly - *Papilio sinon*. *Natural History Notes of the natural History Society of Jamaica* 6(62/63): 28 (September-November) [Jamaica]
- 1954a. The Turks and Caicos Islands. *Natural History Notes of the natural History Society of Jamaica* 6(66): 91-94, 1 map (May) [general]
- 1954b. *Papilio marcellinus* (= *P. sinon*) in 1954. *Natural History Notes of the natural History Society of Jamaica* 6(67): 114 (July) [Jamaica]
- Lewis, Delano St. Aubyn**
2010. Antonio R. Pérez-Asso, Julio A. Genaro, and Orlando H. Garrido (2009). Butterflies of Puerto Rico – Las mariposas de Puerto Rico. *Tropical Lepidoptera Research* 20(1): 45 (1 June) [general; book review]
2012. See Turland, V. A. et al., 2012.
- 2017a. See Owens, H. L. et al., 2017.

- 2017b. See Garraway, E. et al., 2017.
- 2018a. *Discovering Jamaican butterflies and their relationships around the Caribbean*, by Thomas Turner and Vaughan Turland (2017). *Tropical Lepidoptera Research* 28(2): 47-48, [4] figs. (published online 3 October) [general; book review]
- 2018b. *Discovering Jamaican butterflies and their relationships around the Caribbean*. Thomas Turner and Vaughan Turland (2017). *News of the Lepidopterists' Society* 60(4): 189, 196, 1 fig. (15 November) [general; book review]
- Lewis, Delano St. Aubyn, James P. Cuda and Bruce R. Stevens**
2011. A novel biorational pesticide: Efficacy of methionine against *Heraclides (Papilio) cresphontes*, a surrogate of the invasive *Princeps (Papilio) demoleus* (Lepidoptera, Papilionidae). *Journal of Economic Entomology* 104(6): 1986-1990, 2 figs., 1 tab. (December) [host plants; Antilles]
- Lewis, Delano St. Aubyn, Thomson Paris and Andrew David Warren**
2012. *Urbanus simplicius* Stoll is an established resident on Grenada, West Indies (Hesperiidae: Eudaminae). *Journal of the Lepidopterists' Society* 66(3): 175-176, 1 fig. (3 October) [host plants]
- Lewis, Delano St. Aubyn, Felix A. H. Sperling, Shinichi Nakahara, Adam Miles Cotton, Akito Yuji Kawahara and Fabien L. Condamine**
2015. Role of Caribbean Islands in the diversification and biogeography of Neotropical *Heraclides* swallowtails. *Cladistics* 31(3): 291-314, 7 figs., 3 tabs. (June; published online 23 July 2014) [general]
- Lewis, Hilary Leonard** [1907- ]
1973. *Butterflies of the World*. Chicago, Follett. xvi + 312 pp., 208 pls. [general; Neotropics]
- Lewis, James J.**
2012. See Dasmahapatra, K. K. et al., 2012.
2013. See Supple, M. A. et al., 2013.
2017. See Van Belleghem, S. M. et al., 2017.
- Lewis, James J., Karin R. L. van der Burg, Anyi Mazo-Vargas and Robert D. Reed**
2016. ChIP-Seq-Annotated *Heliconius erato* genome highlights patterns of cis-regulatory evolution in Lepidoptera. *Cell Reports* 16(11): 2855-2863, 4 figs. (13 September)
- Lewis, James J., and Robert D. Reed**
2019. Genome-wide regulatory adaptation shapes populations-level genomic landscapes in *Heliconius*. *Molecular Biology and Evolution* 36(1): 159-173, 6 figs. (1 January; published online 19 November 2018) [general]
- Lewis, John E.**
2018. See Mikhail, A. et al., 2018.
- Lewis, Owen T.**
1999. See Godfray, H. C. J. et al., 1999.
- 2001a. Effect of experimental selective logging on tropical butterflies. *Conservation Biology* 15(2): 389-400, 6 figs., 2 tabs. (April) [general; Belize]
- 2001b. Selective logging and butterflies in the Chiquibul Forest. *Las Cuevas* 8: 5, 2 figs. (July) [general; Belize]
2010. Assessing the status of the world's butterflies. *Wings* 33(2): 4-7, 5 figs. [general]
2016. See Molina, A. et al., 2016.
- Lewis, Owen T., and Michael J. M. Senior**
2011. Assessing conservation status and trends for the world's butterflies: the Sampled Red List Index approach. *Journal of Insect Conservation* 15(1/2): 121-128, 3 tabs. (April; published online 3 August 2010) [general]
- Leysner, Brian T.**
1999. See Debrot, A. O. et al., 1999.
- Lezcano, Jorge**
2015. See Basset, Y. et al., 2015.
- Lezcano, Juan Carlos**
2014. See Alonso, O. & J. C. Lezcano, 2014.
- Lhuillier, Emeline**
2016. See Cally, S. et al., 2016.
- Li, Bo**
2015. See Niu, S. et al., 2015.
2016. See Niu, S. et al., 2015.
- Li, Chunxiang**
2017. See Su, C.-Y. et al., 2017.
- Li, Fan, and Yin Xiong**
2018. Automatic identification of butterfly species based on HoMSC and GLCMoIB. *Visual Computer* 34(11): 1525-1533, 10 figs., 2 tabs. (November; published online 7 August) [general; Neotropics]
- Li, Jianbo**
2015. See Al-Asadi, A. S. et al., 2015.
- Li, Kai-Huang**
2002. See Li, L. et al., 2002.
- Li, Li-Ying**
2003. See Li, Z.-G. et al., 2003.
- 2004a. See Li, Z.-G. et al., 2004a.
- 2004b. See Li, Z.-G. et al., 2004b.
- 2004c. See Liu, X.-L. et al., 2004.
- 2005a. See Li, Z.-G. et al., 2005a.
- 2005b. See Li, Z.-G. et al., 2005b.
- 2006a. See Zhang, L.-L. et al., 2006a.
- 2006b. See Zhang, L.-L. et al., 2006c.
- Li, Li-Ying, Tong-Xu Peng, Wen-Hui Liu, Shi-Chou Han, Kai-Huang Li, Li-Fun Luo and Qiao-Xian Chen**
2002. *Actinote antea* D & H (Lepidoptera Nymphalidae Acraeinae) a new biological agent for controlling the weed *Mikania micrantha*. *Natural Enemies of Insects* 24(2): 49-52 (June) [host plants; Costa Rica]
- Li, Wenlin**
2017. See Cong, Q. et al., 2017.
- Li, Wenlin, Qian Cong, Jinhui Shen, Jing Zhang, Winifred D. Hallwachs, Daniel Hunt Janzen and Nick V. Grishin**
2019. Genomes of skipper butterflies reveal extensive convergence of wing patterns. *Proceedings of the National Academy of Sciences of the USA* 116(13): 6232-6237, 3 figs., 2 tabs. (26 March; published online 15 March) [general; new taxa: Entheini, Loboclina, Cephisina, Telemiadina, Oileidini, Typhedanina, Jerini, Pythonidina, Clitina, Butleriini, Pericharini, *Salantioia*, *Spicauda*, *Urbanoides*, *Zeutus*, *Lobotractus*, *Caudatractus*, *Asina*, *Tiana*, *Chirgus*, *Burnsius*, *Duroca*; systematics; Neotropics]
- Li, Yanwei**
2012. See Smith, M. A. et al., 2012.
- Li, Yufei**
2006. See Shou, J. et al., 2006.
- Li, Zhi-Gang**
2006. See Zhang, L.-L. et al., 2006a.
- Li, Zhi-Gang, Shi-Chou Han, Ming-Fang Guo and Li-Ying Li**
2003. Rearing *Actinote thalia pyrrha* and *Actinote antea* on potted *Mikania micrantha* [In Chinese]. *Entomological Knowledge* 40(6): 561-564 (November)
- Li, Zhi-Gang, Shi-Chou Han, Ming-Fang Guo, Li-Ying Li, Tong-Xu Peng, Wen-Hui Liu and Li-Fen Luo**
- 2005a. Starvation endurance ability of *Actinote antea* and *Actinote thalia pyrrha* larvae. *Kunchong Zhishi* 42(4):

- 429-430, 2 figs., 1 tab. (July)
- 2005b. Effects of feeding on different food plants on nutritional utilization and midgut enzyme activities in *Actinote anteus* (Lepidoptera: Nymphalidae). *Acta entomologica sinica* 48(5): 674-678, 3 tabs. (October)
- Li, Zhi-Gang, Shi-Chou Han, Ming-Fang Guo, Li-Feng Luo, Wen-Hui Liu, Tong-Xu Peng and Li-Ying Li**
- 2004a. Biology and host specificity of *Actinote anteus*, a biocontrol agent for controlling *Mikania micrantha*. *Chinese Journal of biological Control* 20(3): 170-173, 2 tabs. (August) [host plants]
- Li, Zhi-Gang, Shi-Chou Han, Ming-Fang Guo, Li-Feng Luo, Li-Ying Li and Roch Desmier de Chenon**
- 2004b. Rearing *Actinote thalia pyrrrha* (*Fabricius*) and *Actinote anteus* (*Doubleday and Hewitson*) with cutting and potted *Mikania micrantha* Kunth, pp. 36-38, 1 fig. In: Day, M. D. & R. E. McFadyen (Eds.), *Chromolaena in the Asia-Pacific Region*. Canberra, Australian Centre for International Agricultural Research. (ACIAR Technical Reports, 55) [life histories; host plants; behavior]
- Liberal, M. T.**
1982. See Oliveira, A. M. de et al., 1982.
- Libert, Michel**
1999. Study of the Von Siebold organ and notes on some female genitalia (Lepidoptera). *Lambillionea* 99(4)(1): 537-560, 25 figs., 3 tabs. (December) [general; morphology]
2014. *Sur la taxonomie du genre Celaenorrhinus Hübner en Afrique (Lepidoptera, Hesperidae)*. Rouen, Author. [viii] + 272 pp., 26 pls., 54 figs., 2 tabs., 53 maps (December) [general; Neotropics]
- Liceras, Luis [ -2009], and José Clemente**
2006. Plagas insectiles en el cultivo de lúcumo *Pouteria lucuma* (R. et P.) O. Kze., en la provincia de Trujillo, La Libertad. *Pueblo Continente* 17(1): 5-10, 6 figs., 2 tabs. (January-June) [*Pseudolycaena marsyas* (Linnaeus); host plant; Peru]
- Lichston Juliana Espada**
2008. See Ambrósio, S. R. et al., 2008.
- Lichtenstein, Anton August Heinrich [1753-1816]**
1796. *Catalogus Musei Zoologici ditissimi Hamburgi, d. 16. Majus 1797. Auctionis lege distrahendi. Continens Insecta*. Hamburg, G. F. Schniebes. [13] + 224 pp. [suppressed; ICZN, Opinion 1820; 1995] [general]
1797. *Catalogus Musei Zoologici ditissimi Hamburgi, d. III. Februar 1796 auctionis lege distrahendi. Sectio Tertia. Continens Insecta*. Hamburg, Diet. Ant. Harmsen Wittwe. [5] + 156 pp. [suppressed; ICZN, Opinion 1820; 1995] [general]
- Lichy, René [1896-1981]**
1933. Observations biologiques sur les différents états de *Prepona omphale* s/sp. *guatemalensis* Le Moutt (Lep., Nymph.). *Novitates entomologicae* 3: 24-26, pl. 2, figs. 7-13 (30 December) [host plant; egg, larva, pupa; behavior; ecology; Guatemala]
- 1936a. Dos lepidópteros nuevos para Venezuela. *Boletín de la Sociedad venezolana de Ciencias naturales* 3(24): 204-209, 2 figs. [*Ourocnemis axiochus* (Hewitson), *Theope pieridoides* Felder]
- 1936b. Consideraciones sobre los orígenes de los colores en los lepidópteros. *Boletín de la Sociedad venezolana de Ciencias naturales* 3(26): 318-322 (May-July) [*Dione moneta* (Hübner)]
- 1936c. Lepidópteros nuevos para Venezuela. *Boletín de la Sociedad venezolana de Ciencias naturales* 3(28): 437-440 (November-December) [*Thecla quassa* Draudt]
1938. Lepidópteros nuevos para Venezuela. *Boletín de la Sociedad venezolana de Ciencias naturales* 4(32): 266-278, 1 pl. (February) [*Thecla marmoris* Druce]
- 1943a. Observaciones y rectificaciones sobre lepidópteros recolectados por P. J. Anduze en los Estados orientales de Sucre y Monagas, cuya enumeración se publicó en el Boletín de la Sociedad Venezolana de Ciencias Naturales, No. 32, 1938. *Boletín de la Sociedad venezolana de Ciencias naturales* 8(55): 205-232 (April-June) [general; Venezuela]
- 1943b. Documents pour servir a l'étude des lépidoptères de la faune américaine (1ère Note). Sur le dimorphisme saisonnier chez deux *Terias* (Lepid., Rhopal., Pieridae). *Boletín de Entomología venezolana* 2(4): 175-184 (31 December) [*T. proterpia* (Fabricius), *T. दौरа* (Godart); Guatemala, Venezuela]
- 1944a. Lépidoptères nouveaux ou peu connus du Vénézuéla (6<sup>e</sup> note). *Prepona praeneste* Hew. (Nymphalidae-Charaxidi). *Boletín de la Academia de Ciencias físicas, matemáticas y naturales* (Caracas) 8(24): 945-953, 2 figs. (January-June)
- 1944b. Documents pour servir a l'étude des lépidoptères du Vénézuéla (1ère Note). Observations sur *Hypothyris* (*Ceratinia*) *coeno* D. & H., et sur *Hypothyris cana* Hsch. (fam. Danaidae, sous-fam. Ithomiinae). *Boletín de la Academia de Ciencias físicas, matemáticas y naturales* (Caracas) 8(24): 954-968, 8 figs. (January-June) [ecology, behavior]
- 1944c. A propos de l'article précédent: Sur le dimorphisme saisonnier chez deux *Terias*. *Boletín de Entomología venezolana* 3(1): 63 (30 April) [*T. दौरа* (Godart)]
- 1944d. Documents pour servir a l'étude des lépidoptères du Vénézuéla (2<sup>e</sup> Note). Sur un cas d'adaptation à un nouveau régime alimentaire chez *Terias gratiosa* D.-H. (fam. Pieridae). *Boletín de Entomología venezolana* 3(4): 193-194 (31 December) [host plant]
- 1946a. Documents pour servir a l'étude des lépidoptères du Vénézuéla (3<sup>e</sup> Note). *Boletín de Entomología venezolana* 5(1): 1-13, 2 pls. (31 March) [general; parasitoids; new taxa: *Baeotis chironiensis*, *Pteronymia lincera* aberration *irra*]
- 1946b. Lépidoptères nouveaux ou peu connus du Vénézuéla (7<sup>e</sup> Note). *Boletín de la Academia de Ciencias físicas, matemáticas y naturales* (Caracas) 9(27): 253-267, 2 figs. ("1945", 1946) [*Prepona praeneste* Hewitson; ecology, behavior]
- 1960a. Documentos para servir al estudio de los lepidópteros de Venezuela (4a. Nota). Un [sic] especie nueva del género *Heliconius* Kluk (Rhopalocera, Nymphalidae) *Heliconius luciana* sp. n. *Revista de la Facultad de Agronomía* (Maracay) 2(3): 20-44, 10 figs. (May) [general; mimicry; ecology]
- 1960b. Documentos para servir al estudio de los lepidópteros de Venezuela (5a. Nota). Nota sobre *Papilio astyalus* Latreille (Rhopalocera, Papilionidae). *Revista de la Facultad de Agronomía* (Maracay) 2(3): 45-66, 13 figs. (May) [general; new forms: *P. a. hippomedon* form *iraideri*, *P. a. h.* form *taini*; ecology; migration]
1962. Documentos para servir al estudio de los lepidópteros de Venezuela (6a. Nota). Apuntes sobre los *Agrias* Doubleday (Nymphalidae - Charaxiinae). *Revista de la Facultad de Agronomía* (Maracay) 2(4): 5-52, 30 figs. (December) [general]
1966. Documentos para servir al estudio de los lepidópteros de Venezuela (7a. Nota). Apuntes sobre los *Agrias* Doubleday (Lep. Nymphalidae, Charaxiinae). *Annales*

- de la Société entomologique de France (N.S.) 2(3): 549-562. [general]
1970. Documentos para servir al estudio de los lepidópteros de Venezuela. Una subespecie nueva del género *Heliconius* Kluk (Rhopalocera, Nymphalidae). *Heliconius luciana watunna* subsp. nov. *Boletín de la Academia de Ciencias físicas, matemáticas y naturales* (Caracas) 30(87): 39-47, 3 figs. (December)
1972. Documentos para servir al estudio de los lepidópteros de Venezuela (9a. nota). Apuntes sobre los *Agrias* Doubleday (Nymphalidae Charaxinae) (III). *Boletín de la Sociedad venezolana de Ciencias naturales* 30(124/125): 141-175, 26 figs. (December) [general; distribution]
1975. Lépidoptères nouvelles ou peu connus du Vénézuéla (8e.). *Prepona praeneste praeneste* Hewitson et *P. praeneste choroniensis* n. subsp. (Lep. Nymphalidae, Charaxinae). *Bulletin de la Société entomologique de France* 80(5/6): 167-173, 6 figs. (30 December) [ecology]
- 1976a. Nota sobre la biología de *Anaea (Zaretis) callidryas* Felder (Lepidoptera: Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 35-37, 2 figs. (1 June) [Guatemala]
- 1976b. Documentos para el estudio de los lepidópteros de Venezuela (10ª nota). Una especie nueva de *Eurema* Hübner (Pieridae): *E. tupuntenem* y su relación con *E. limoneus* C. & R. Felder. *Revista de la Facultad de Agronomía* (Maracay) 9(1): 23-36, 5 figs. ("June", November)
1979. *Ya Ku. Expedición Franco Venezolana del Alto Orinoco*. Caracas, Monte Ávila Editores, C. A. 345 pp., 35 pls., 1 map (27 September) [general; Venezuela]
- [1984]. Mariposas. Trabajo Facultad de Agronomía. *Boletín de la Academia de Ciencias físicas, matemáticas y naturales* (Caracas) 40(121/122): 47-222 ("1980", [1984]) [general; Venezuela]
- Lidke, Andre Lucas**  
2017. See Leite, L. A. R. et al., 2017.
- Lidstone, William**  
1878. See Brown, C. B. & W. Lidstone, 1878.
- Liebermann, José** [1897-1980]  
1930a. La oruga del naranjo. *Riel y Fomento* (Buenos Aires) 9(101): 63-64, 3 figs. [*Papilio thoas thoantiades* Burmeister; life history; host plants; parasitoids; Argentina]  
1930b. Lucha biológica. *Archivos de la Sociedad de Biología de Montevideo. Suplemento 1*: 61-65. [*Papilio anchisiades capys* (Hübner); parasitoid; Brazil]  
1930c. La lucha de insectos contra insectos y su aplicación práctica en la defensa del hombre y de sus industrias. *Quinta Reunión de la Sociedad argentina de Patología regional del Norte* (Jujuy) 2: 1186-1208. [*Papilio thoantiades* Burmeister; parasitoid; Argentina; Brazil]
- Liede-Schumann, Sigrid** [1957- ]  
2017. See Morales, J. F. et al., 2017.
- Liedvogel, Miriam**  
2019. See Merlin, C. & M. Liedvogel, 2019.
- Liendo, Manuel**  
1942. Para los aficionados a la entomología: Lepidópteros. *Agricultura, Ganadería, Colonización* (La Paz) 1(2): 22-25, 3 figs. (August) [general]
- Lieskonig, Nora R.**  
2011. See Bauder, J. A.-S. et al., 2011.
- Liger, Belén**  
2014. See Checa, M. F. et al., 2014.
- Lijtmaer, Darío A.**  
2017. See Lavinia, P. D. et al., 2017.
- Lill, John T.**  
2005. See Stireman, J. O., III et al., 2005.  
2007. See Dyer, L. A. et al., 2007.
- Lillo, Miguel** [1862-1931]  
1889. Apuntes sobre la fauna de la Provincia de Tucumán. *Boletín de la Oficina química* (Tucumán) 2(2): 93-111 (September) [general; host plants; Argentina]
- Lim, Felix K. S.**  
2018. See Montejo-Kovacevich, G. et al., 2018.
- Lima, Angelo Moreira da Costa** [1887-1964]  
1923. Catálogo sistemático dos insectos que vivem nas plantas do Brasil e ensaio de bibliographia entomológica brasileira. *Archivos da Escola superior de Agricultura e Medicina veterinaria* (Niterói) 6(1/2): 107-276 ("December 1922", 1923) [general; host plants; parasitoids]  
1928. Segundo catalogo systematico dos insectos que vivem nas plantas do Brasil e ensaio de bibliographia entomologica brasileira. *Archivos da Escola superior de Agricultura e Medicina veterinaria* (Niterói) 8(1/2): 69-301 ("December 1927", August 1928) [general; host plants; parasitoids]  
1930. Suplemento ao 2º catalogo systematico dos insectos que vivem nas plantas do Brasil e ensaio de bibliographia entomologica brasileira. *O Campo* (Rio de Janeiro) 1(7): 38-48 (July), (8): 84-91 (August), (9): 28-31 (September), (10): 29-31 (October), (11): 66-69 (November), (12): 41-46 (December) [general; host plants]  
1935. Novo ichneumonideo parasito de *Papilio anchisiades capys* (Hübner). *O Campo* (Rio de Janeiro) 6(6): 20-21, 5 figs. (June) [host plant; Brazil]  
1936. *Terceiro catalogo dos insectos que vivem nas plantas do Brasil*. Rio de Janeiro, Ministerio da Agricultura. [2] + 460 + iv pp. (May) [general; host plants; parasitoids]  
1945. *Insetos do Brasil. 5º Tomo. Lepidópteros. 1a. parte*. Rio de Janeiro, Escola Nacional de Agronomia. 379 pp, 235 figs. (Série Didática 7) [general; anatomy; morphology]  
1947. Sobre endoparasitos de *Thecla basilides* (Lep., Lycaenidae). *Anais da Academia brasileira de Ciências* 19(3): 277-281, pl. 1 (30 September) [*Thecla orcala* Hewitson, *T. ericusa* Hewitson; Peru, Brazil; host plants]  
1948. Entomofagos sul americanos (parasitos e predadores) de insetos nocivos à agricultura. *Boletim da Sociedade brasileira de Agronomia* (Rio de Janeiro) 11(1): 1-32 (March) [general]  
1950. *Insetos do Brasil. 6º Tomo. Lepidópteros. 2a. parte*. Rio de Janeiro, Escola Nacional de Agronomia. 420 pp, 331 figs. (Série Didática 8) [general; anatomy; morphology; host plants; eggs, larvae, pupae, imagines; behavior; ecology; parasitoids; mimicry]  
1952. Anotações ao 6º tomo de "Insetos do Brasil". *Memórias do Instituto Oswaldo Cruz* (Rio de Janeiro) 50(1): 243-247 [general]
- Lima, Angelo Moreira da Costa, and Neide Guitton**  
1962. *Tetrastichus gahani* sp. n. (Hym., Chalcidoidea, Tetrastichidae). *Memórias do Instituto Oswaldo Cruz* (Rio de Janeiro) 60(2): 253-255, 9 figs. (July) [*Thecla echion* (Linnaeus); host plant; Brazil]
- Lima, Antonio Ferreira**  
2003. See Raimundo, R. L. G. et al., 2003.
- Lima, Armando David Ferreira**  
1938. Relação dos insetos observados sobre *Citrus* no Rio Grande do Sul. *Revista da Sociedade brasileira de*

- Agronomia* (Rio de Janeiro) 1(4): 333-339 (June) [*Papilio* spp.; Brazil]
1947. Insetos fitófagos de Santa Catarina. *Boletim fitossanitário* (Rio de Janeiro) 2(3/4): 233-251 ("September-December 1945", 1947) [general; host plants; Brazil]
- Lima, Francisco de Assis Maia de, and Aldo Mellender de Araújo**
1982. Studies on the genetics and ecology of *Heliconius erato* (Lepidoptera; Nymphalidae). II. Inheritance of esterases and genotype distribution in a natural population. *Revista brasileira de Genética* 5(4): 679-686, 3 tabs., 3 figs. (December) [Brazil]
- Lima, Guilherme Ferreira Costa**
2018. See Souza, M. dos S. de et al., 2018.
- Lima, Heloisa Alves de**
2017. See Moreira, M. M. et al., 2017.
2019. See São Leão, L. C. et al., 2019.
- Lima, Iracilda Maria de Moura**
2004. See Barros, W. R. S. & I. M. de M. Lima, 2004.
2005. See Born, F. de S. & I. M. de M. Lima, 2005.
2007. See Marcicano, M. D. L. et al., 2007.
2009. See Marcicano, M. D. L. et al., 2009.
- Lima, João Anatólio**
1942. Lagarta das hortaliças. *Sítios e Fazendas* (São Paulo) 7(9): 38, 3 figs. (September) [*Pieris monuste* (Linnaeus); life history; Brazil]
- Lima, Jorge Araújo de Sousa**
2002. See Gazel Filho, A. B. et al., 2002.
- Lima, José Nicássio Rocha, and Tamara Zacca**
2014. Lista de espécies de borboletas (Lepidoptera: Hesperioidea e Papilionoidea) de uma área de semiárido na região nordeste do Brasil. *EntomoBrasilis* 7(1): 33-40, 3 figs., 2 tabs. (April) [general]
- Lima, Luan Dias**
2019. See Kaminski, L. A. & L. D. Lima, 2019.
- Lima, Luciana Lopes Ferreira de**
2017. See Cardoso, M. Z. & L. L. F. de Lima, 2017.
- Lima, Luciana Lopes Ferreira de, Gilberto Corso and Márcio Zikán Cardoso**
2015. Application of network theory to mark recapture data allows insights into population structure of two *Heliconius* species. *Network Biology* 5(2): 43-54, 4 figs., 2 tabs. (1 June) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus); Brazil]
- Lima, Maria de Fátima Camarotti de, and Antônio Fernando de Souza Leão Veiga**
1993. Ocorrência de *Dione juno juno* (Cr.), *Agraulis vanillae maculosa* S. e *Eueides isabella dianasa* (Hüb.) (Lepidoptera: Nymphalidae) em maracujá em Pernambuco. *Anais da Sociedade entomológica do Brasil* 22: 617-618 [host plant; Brazil]
1995. Ocorrência de inimigos naturais de *Dione juno juno* (Cr.), *Agraulis vanillae maculosa* S. e *Eueides isabella dianasa* (Hüb.) (Lepidoptera: Nymphalidae) em Pernambuco. *Anais da Sociedade entomológica do Brasil* 24(3): 631-634, 1 tab. (December) [parasitoids; predators; disease; host plant; Brazil]
1996. Aspectos morfológicos externos das genitálias de *Dione juno juno* (Cramer), *Agraulis vanillae maculosa* (Stichel) e *Eueides isabella dianasa* (Hübner) (Lepidoptera: Nymphalidae: Heliconiinae). *Revista nordestina de Biologia* 11(2): 87-96, 5 figs., 1 tab. (28 December) [Brazil]
- Lima, Maurício Silva de, Ângelo Márcio Menezes Dantas-Júnior, Luan Ítalo Rebouças Rocha, Douglas Rafael e Silva Barbosa and Patrícia Kamyla Alves Tavares**
2011. Ocorrência de *Phocides polybius phanias* (Burmeister, 1878 [sic]) (Lepidoptera: Hesperidae) no Estado de Alagoas, Brasil. *Revista verde de Agroecologia e Desenvolvimento sustentável* 6(4): 16-17 (December) [host plant; parasitoid]
- Lima, Miguel Ferreira de**
1997. See Ferreira, J. M. S. et al., 1997.
1998. See Ferreira, J. M. S. et al., 1998.
- Lima, Paulo César Fernandes**
2000. See Kill, L. H. P. et al., 2000.
- Lima, Paulo César Fernandes, and Francisca Nemauro Pedrosa Haji**
1993. Ocorrência de desfolhamento por lagartas em algarobeira no trópico semi-árido do Brasil. *Boletim de Pesquisa florestal* (Colombo) 26/27: 57-59 (January-December) [*Ascia monuste orseis* (Godart); life history; host plant; Brazil]
- Lima, Tauanny Maria Almeida**
2017. See Câmara, J. T. et al., 2017.
- Lima, Vivian de Oliveira, Peterson Rodrigo Demite, Camila Vieira, Reinaldo José Fazio Feres and Gustavo Quevedo Romero**
2013. Contrasting engineering effects of leaf-rolling caterpillars on a tropical mite community. *Ecological Entomology* 38(2): 193-200, 3 figs., 2 tabs. (April; published online 1 March) [*Anaea*; host plant; Brazil]
- Lima, William Gomes**
1999. See Carvalho, A. C. de et al., 1999.
- Lima Junior, Izidro dos Santos de, Thiago Ferreira Bertoncello, Elmo Pontes de Melo, Paulo Eduardo Degrande and Cássio Kodama**
2010. Desfolha artificial simulando danos de pragas na cultura do girassol (*Helianthus annuus* L., Asteraceae). *Ceres* (Viçosa) 57(1): 23-27, 4 figs., 1 tab. (February) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Lima-Neiva, Vanessa**
2018. See Passos, G. de A. G. et al., 2018.
- Lima Neto, Jaconias Escócio, Guilherme Gomes Rolim, Susanne Lúcia Silva de Maria, Sara Yuri Medeiros Watanabe and Herbert Álvaro Abreu de Siqueira**
2016. Toxicidade de *Bacillus thuringiensis aizawai* e inseticidas reguladores de crescimento para *Urbanus acawoios* Williams (1926). *Caderno de Ciências agrárias* 8(3): 63-67, 1 tab., 1 graph (December) [host plant; Brazil]
- Limachi, Miguel**
2012. See Guerra, J. F. et al., 2012.
- Limeri, Lisa B., and Nathan I. Morehouse**
2016. The evolutionary history of the 'alba' polymorphism in the butterfly subfamily Coliadinae (Lepidoptera: Pieridae). *Biological Journal of the Linnean Society* 117(4): 716-724, 4 figs. (April; published online 2 October 2015) [general]
- Limón, M. Iván**
2009. See Brower, L. P. et al., 2009.
2011. See Brower L. P. et al., 2011.
- Lin, Don S.**
- 2006a. See Wang, Y. et al., 2006.
- 2006b. See Connor, W. E. et al., 2006.
- Lin, Hai-Qing**
2013. See Wang, W. et al., 2013.
- Lin, Xue-Qin**
2019. See Shi, Q.-H. et al., 2019.
- Linares, Mauricio**
1991. *El fantasma mimético del pasado: Reconstrucción en el laboratorio de una forma mimética extinta*, pp. 223-

- 236, 3 figs., 1 tab. In: *Memorias. Primer Simposio Nacional de Fauna del Valle del Cauca*. Cali, Instituto Vallecaucano de Investigaciones Científicas. [*Heliconius cydno weymeri* Staudinger, *H. erato chesteronii* Hewitson, *Elzunia humboldt regalis* (Stichel); mimicry; genetics; evolution; Colombia]
1996. The genetics of the mimetic coloration in the butterfly *Heliconius cydno weymeri*. *Journal of Heredity* 87(2): 142-149, 4 figs., 2 tabs. (March-April) [Colombia]
- 1997a. The ghost of mimicry past: laboratory reconstitution of an extinct butterfly 'race'. *Heredity* 78(6): 628-635, 5 figs., 2 tabs. (June) [*Heliconius cydno weymeri* Staudinger, *H. erato chesteronii* Hewitson, *Elzunia humboldt regalis* (Stichel); mimicry; genetics; evolution; Colombia]
- 1997b. *Origin of Neotropical mimetic biodiversity from a three-way hybrid zone of Heliconius cydno butterflies*, pp. 93-108, 3 figs., 1 tab. In: Ulrich, H. (Ed.), *Tropical Biodiversity and Systematics*. Bonn, Zoologisches Forschungsinstitut und Museum Alexander Koenig. [Colombia]
2001. See Jiggins, C. D., M. Linares et al., 2001.
- 2002a. See Naisbit, R. E. et al., 2002.
- 2002b. See Beltrán, M. et al., 2002.
2004. See Flanagan, N. S. et al., 2004.
- 2005a. See Salazar, C. A. et al., 2005.
- 2005b. See Merchán, H. A. et al., 2005.
2006. See Mavárez, J. et al., 2006.
- 2007a. See Mallet, J. L. B. et al., 2007.
- 2007b. See Kronforst, M. R. et al., 2007a.
- 2008a. See Jiggins, C. D. et al., 2008.
- 2008b. See Arias, C. F. et al., 2008.
- 2008c. See Giraldo, N. et al., 2008.
- 2008d. See Salazar, C. A. et al., 2008.
- 2008e. See Mavárez, J. & M. Linares, 2008.
- 2010a. See Salazar, C. A. et al., 2010.
- 2010b. See Muñoz, A. G. et al., 2010.
- 2010c. See Melo, M. C. et al., 2010.
- 2011a. See Muñoz, A. G. et al., 2011.
- 2011b. See Hines, H. M. et al., 2011.
- 2012a. See Arias, C. F. et al., 2012.
- 2012b. See Dasmahapatra, K. K. et al., 2012.
2014. See Arias, C. F. et al., 2014.
2015. See Sánchez, Á. P. et al., 2015.
2016. *Las mariposas y la Estación Experimental de Campo José Celestino Mutis*, pp. 98-105, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; Colombia]
- 2017a. See Mann, F. et al., 2017.
- 2017b. See Enciso-Romero, Juan et al., 2017.
- 2017c. See Van Belleghem, S. M. et al., 2017.
- 2019a. See Clerici, N. et al., 2019.
- 2019b. See Concha, C. et al., 2019.
- Lind, Olle, Miriam J. Henze, Almut Kelber and Daniel Osorio**
2017. Coevolution of coloration and colour vision? *Philosophical Transactions of the Royal Society of London (B)* 372(1724)(20160338): 1-8, 3 figs., 1 tab. (5 July; published online 22 May) [*Heliconius*]
- Lindberg, Markus**
2004. Jättiläispaksupäät yhdysvalloissa. *Baptria* 29(4): 116-120, figs. [*Agathymus*, *Megathymus*; Mexico]
- Lindenfors, Patrik**
2013. See Kodandaramaiah, U. et al., 2013.
- Linder, Hans Peter**
2012. See Nyman, T. et al., 2012.
- Lindig-Cisneros, Roberto A.**
2012. See Sáenz, C. et al., 2012.
- Lindley, T.**
1815. Journal of a captivity and short abode in Brasil. *The Royal military Chronicle* (N.S.) 2(11): 441-462 (March) [migration; Brazil]
- Lindner, Erwin** [1888-1988]
1921. Das Weibchen von *Tatochila sagittata* Rüb. (Pieride). *Mitteilungen des münchener entomologischen Gesellschaft* 11(9): 69-71, figs. (15 October) [general; Peru, Chile, Ecuador]
- Lindsey, Arthur Ward** [1894-1963]
1919. A new skipper from South America (Lepid., Hesperidae). *Entomological News* 30(6): 169-170, 1 fig (29 May) [*Haemactis pyrrhosphenus*; Colombia]
- 1921a. The Hesperioidea of America north of Mexico. *University of Iowa Studies in Natural History* 9(4): 1-114, 2 pls., 31 figs. (15 February) [general; new genera: *Apyrrothrix*, *Chioides*, *Codatractus*; Mexico]
- 1921b. See Barnes, W. & A. W. Lindsey, 1921.
1922. See Barnes, W. & A. W. Lindsey, 1922.
- 1925a. The types of hesperioid genera. *Annals of the entomological Society of America* 18(1): 75-106 (March) [general; new genera: *Ocyba*, *Ouleus*, *Potamanaxas*, *Zestusa*]
- 1925b. The Cornell University Entomological Expedition to South America of 1919-1920. Scientific results. No. II. Hesperioidea. *Denison University Bulletin* 21(1/3): 71-113, pls. 25-30 (March) [general; new taxa: *Quadrus noctis*, *Pellicia inca*, *Paches styx*, *P. trifasciatus*, *Pholisora atahualpai*, *P. mancoi*, *P. cordillerae*, *Butleria quadripuncta*, *Polites bittiae*, *Atrytone (?) tristis*, *Atrytonopsis (?) anomala*, *Lerodea forbesi*, *Thespieus peruviae*, *T. matucanae*, *Metiscus (?) huaynai*, *Mnasilus guianae*, *Vehilius lugubris*, *Megistias huascari*, *M. leuconoides*, *M. limae*, *Vorates tupaci*, *Pereneia* (new genus) *pandora*, *Molo schausi*, *Tarmia* (new genus) *monastica*, *Eutocus (?) quichua*; Neotropics]
1926. Lepidoptera. Collected by the Barbados-Antigua Expedition from the University of Iowa. *University of Iowa Studies in natural History* 11(7): 33-35 (1 October) [general]
1928. Hesperioidea from the Kartabo District of British Guiana. *Denison University Bulletin* 23(10): 231-235, 5 figs. (31 December) [general; new species: *Problema morgani*]
1942. A preliminary revision of *Hesperia*. *Denison University Bulletin* 37(1/2): 1-50, 6 pls. (April) [general; Mexico]
- Lindsey, Arthur Ward, Ernest Layton Bell and Roswell Carter Williams, Jr.**
1931. The Hesperioidea of North America. *Denison University Bulletin* 26: 1-142, pls. 1-33 (April) [general; Neotropics]
- Lindstedt, Carita**
2018. See Rojas, B. et al., 2018.
- Lindstrom, Daniel P.**
2010. See Counterman, B. A. et al., 2010.
2013. See Papa, R. et al., 2013.
- Line, Les, Lorus Johnson Milne and Margery Joan Greene Milne**
1983. *The Audubon Society Book of Insects*. New York, Harry N. Abrams, Inc., Publishers. xvi + [4] + 17-264 pp., pls., figs. [general]
- Linford, M. B.**
1952. Enfermedades y plagas de la piña en México. *Boletín fitosanitario de la FAO* (Roma) 1(2): 25-30 (November) [*Thecla* sp.]



- Ling, Matthew**  
2015. See Van Swaay, C. et al., 2015.
- Linhares, Lucílio Matos**  
2016. See Paluch, M. et al., 2016.
- Linhares, Paulo César Ferreira**  
2011. See Pereira, D. S. et al., 2011.
- Link, Dionísio** [1943-2013]  
1973. See Biezanko, C. M. & D. Link, 1973.  
1974. See Biezanko, C. M. et al., 1974.  
1976. See Biezanko, C. M. et al., 1976.  
1977. Observações sobre algumas lagartas que danifican a couve, em Curitiba-PR. *Dusenía* (Curitiba) 10(4): 201-204 (20 December) [*Appias drusilla* (Cramer), *Ascia monuste orseis* (Latreille), *Leptophobia aripa* (Boisduval), *Tatochila autodice* (Hübner)]; life histories; parasitoids; Brazil]  
1978. See Biezanko, C. M. et al., 1978.
- Link, Dionísio, and Adelino Alvarez, Filho**  
1979. Palmeiras atacadas por lagartas de Brassolidae (Lepidoptera) em Santa Maria, RS. *Revista do Centro de Ciências rurais* (Santa Maria) 9(2): 221-225, 1 tab. [*Brassolis astyra* (Godart), *Opsiphanes invirae amplifacatus* Stichel; host plants; Brazil]
- Link, Dionísio, Czeslaw Marjan Biezanko, Manoel Fernando Sigaran Tarragó and Solon Carvalho**  
1977. Lepidoptera de Santa Maria e arredores. I. Papilionidae e Pieridae. *Revista do Centro de Ciências rurais* (Santa Maria, Rio Grande do Sul) 7(4): 381-389. [general; Brazil]
- Link, Dionísio, and Manoel Fernando Sigaran Tarragó**  
1974. Desfolhamento causado por lagartas em soja. *Revista do Centro de Ciências rurais* (Santa Maria, Rio Grande do Sul) 4(3): 247-252, 2 tabs. [*Urbanus proteus* (Linnaeus), *U. zagorus* (Plötz); Brazil]
- Linnaeus, Carolus** [1707-1778]  
1758. *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. Editio Decima, reformata.* Holmiae, Laurentius Salvius. 1: iv + 823 + [1] pp. ([1 January]) [facsimilar reprint in *Mid-Continent Lepidoptera Series* 2(23), April 1971] [general; new species: *Papilio anchises*, *P. polydamas*, *P. aeneas*, *P. menelaus*, *P. protesilaus*, *P. nestor*, *P. telemachus*, *P. achilles*, *P. teucer*, *P. idomeneus*, *P. demophon*, *P. stelenes*, *P. philoctetes*, *P. piera*, *P. calliope*, *P. polymnia*, *P. euterpe*, *P. ricini*, *P. psidii*, *P. clio*, *P. thalia*, *P. erato*, *P. melpomene*, *P. arsalte*, *P. trite*, *P. sennae*, *P. obrinus*, *P. plexippus*, *P. cassiae*, *P. sophorae*, *P. xanthus*, *P. feronia*, *P. dirce*, *P. amatheia*, *P. phaetusa*, *P. neaerea*, *P. acesta*, *P. cytherea*, *P. vanillae*, *P. cupido*, *P. marsyas*, *P. philocles*, *P. timantes*, *P. athemon*, *P. caricae*, *P. lysippus*, *P. proteus*, *P. phidias*, *P. bates*, *P. tiphus*, *P. iphiclus*, *P. ancaeus*, *P. eleus*, *P. ceneus*, *P. mopsus*, *P. priassus*, *P. neleus*, *P. pinthous*, *P. nauplius*, *P. ixilion*; Neotropics]  
1759. *Animalium specierum in classes, ordines, genera, species, methodica dispositio, additis characteribus, differentiis atque synonymis, accomodata ad Systema Naturae & in formam enchyridii redacta secundum decimam Holmensem editionem.* Lugduni Batavorum, Theodor Haak. [4] + 256 pp. [general]  
1760. *Systema natvrae per regna tria natvrae, secvndvm classes, ordines, genera, species, cvm characteribvs, differentiis, synonymis, locis.* Halae Magdebvrdicae, Io. Iac. Cvrtr. 1: viii + 824 pp. [pirated edition by J. J. Lang] [general]
1763. See Johansson, B., 1763a.  
1764. *Museum S:ae R:ae M:itis Ludovicae Ulricaе Reginae Svecorum, Gothorum, Vandalorumque &c. &c. &c. In quo animalia rariora, exotica, imprimis Insecta & Conchilia describuntur & determinantur. Prodrromi instar editum.* Holmiae, Laurentius Salvius. [viii] + 720 + [2] pp. (after 30 July) [general; new species: *Papilio mopsa*, *P. monuste*, *P. misippus*; Neotropics]  
1767. *Systema naturae. Editio duodecima reformata.* Holmiae, Laurentius Salvius. 1(2): [ii] + 533-1328 + [36] pp. ([14 June]) [general; new species: *Papilio charithonia*, *P. eubule*, *P. libye*, *P. amphinome*, *P. lena*, *P. echion*, *P. phaleros*, *P. cereus*; Neotropics]  
1771. *Regni animalis, Appendix. Insecta*, pp. 529-543. In: *Mantissa plantarum altera generum editionis VI & specierum editionis II.* Holmiae, Laurentius Salvius. Pp. [i-vi], 143-588. ([17 October]) [general; new species: *Papilio hecuba*, *P. philenor*, *P. thoas*, *P. turnus*, *P. doris*, *P. acontius*; French Guiana, Surinam, West Indies]  
1776. *A catalogue of the birds, beasts, fishes, insects, plants, &c. contained in Edwards' Natural History, in seven volumes, with their Latin names.* London, James Robson. 15 pp. [general]
- Lins, Paulo Manoel Pontes**  
2006. See Ferreira, J. M. S. & P. M. P. Lins, 2006.
- Linsenmair, Karl Eduard**  
2014. See Binz, H. et al., 2014.
- Linsenmaier, Walter** [1917-2000]  
1964. See Corti, W. R. & W. Linsenmaier, 1964.  
1972. *Insects of the World.* New York, McGraw-Hill Book Company. 392 pp., pls., figs. [general]
- Linsenmaier, Walter, and Eduard Handschin**  
1949. *Bilder aus der Wunderwelt tropischer Schmetterlinge.* Zürich, Verlag Silva-Bilderdienst. 102 pp., 48 pls. [general]
- Linsley, Earle Gorton** [1910-2000]  
1965. Pollinating insects of the Galapagos islands, pp. 225-232, pls. 7-8, 3 tabs. In: Bowman, R. I. (Ed.), *The Galapagos. Proceedings of the Symposia of the Galapagos International Scientific Project. Contribution of the Charles Darwin Foundation of the Galapagos Islands.* 13. [general; predators]  
1977. Insects of the Galapagos (Supplement). *Occasional Papers of the California Academy of Sciences* 125: 1-50 (20 October) [*Danaus gilippus* (Cramer)]
- Linsley, Earle Gorton, and Robert Leslie Usinger**  
1966. Insects of the Galapagos Islands. *Proceedings of the California Academy of Sciences* 33(7): 113-196, 1 tab. (31 January) [general]
- Lintner, Joseph Albert** [1822-1898]  
1878. On some Lepidoptera common to the United States and Patagonia. *Annual Report of the New York State Museum of natural History* 30: 164-166. [separate (pp. 52-54) appeared in June 1878, the *Report* in 1879] [general; behavior]  
1881. Description of a new species of *Eudamus*. *Canadian Entomologist* 13(4): 63-65 (April) [*E. electra* from "Canada"; actually, Cuba]  
[1885]. On some Rio Grande Lepidoptera. *Papilio* 4(7/8): 135-147 ([29 January]) [general; Mexico]
- Lion, Marília Bruzzi**  
2017. See Cardoso, M. Z. et al., 2017.  
2018. See Oliveira I. F. de et al., 2018.
- Lippert, W., and Karl Gentil**  
1952. Elektronenmikroskopische Studien über micellare Strukturen bei Schmetterlingssschuppen vom *Morpho-*

- Typ. *Zeitschrift für wissenschaftliche Mikroskopie* 61(2): 95-100, 5 figs. (August) [*M. achilles* (Linnaeus)]
1959. Über lamellare Feinstrukturen bei den Schiller-schuppen der Schmetterlinge vom *Urania*- und *Morpho*-Typ. *Zeitschrift für Morphologie und Oekologie der Tiere* 48(2): 115-122, 12 figs. (24 July) [general]
- Liscano, Omar**  
1999a. See Ramírez, R. et al., 1999.  
1999b. See Domínguez, O. E. et al., 1999.
- Lise, Arno**  
1997. See Mielke, O. H. H. et al., 1997.
- List, Manuela**  
2018. See Manno, N. et al., 2018.
- Liston, Aaron**  
2018. See Livshultz, T. et al., 2018.
- Liswi, Saif W.**  
2009. See Pohl, N. et al., 2009.
- Litsios, Glenn**  
2017. See Pellissier, L. et al., 2017.
- Littke, H.**  
1896. *Argynnis aglaja*-Aberrationen. *Insekten-Börse* 13(29): 200 (3 September) [*Papilio lycophron* Hübner; gynandromorph; Brazil]  
1913. Unica. *Entomologische Rundschau* 30(7): 40-41, 4 figs. (12 April) [*Papilio lycophron* Hübner, *P. l.* female aberration *vebalus* [sic] Boisduval; Brazil]
- Liu, Chengcheng, Jie Ju, Yongmei Zheng and Lei Jiang**  
2014. Asymmetric ratchet effect for directional transport of fog drops on static and dynamic butterfly wings. *ASC Nano* 8(2): 1321-1329, 5 figs. (25 February; published online 7 January) [*Morpho deidamia* (Hübner)]
- Liu, Chunzi**  
2016. See Giraldo, M. A. et al., 2016.
- Liu, Feng, Yuping Liu, Lei Huang, Xinhua Hu, Biqin Dong, Wangzhou Shi, Yiqun Xie and Xiang Ye**  
2011. Replication of homologous optical and hydrophobic features by templating wings of butterflies *Morpho menelaus*. *Optics Communications* 284(9): 2376-2381, 6 figs. (1 May; published online 25 January)
- Liu, L.**  
2013. See Sun, B. F. et al., 2013.
- Liu, Mei**  
2018. See He, J. et al., 2018.
- Liu, Nan**  
2006. See Zhang, L.-L. et al., 2006a.
- Liu, Qinglei**  
2013. See Wang, W. et al., 2013.
- Liu, Shanlin**  
2019. See Kawahara, A. Y. et al., 2019.
- Liu, Siu Fai**  
2011. See Joron, M. et al., 2011.
- Liu, T.-X.**  
2005. Biology and life history of *Ascia monuste monuste* (Lepidoptera: Pieridae), a potential pest of cruciferous vegetables. *Annals of the entomological Society of America* 98(5): 726-731, 2 figs., 3 tabs. (September) [*A. m. orseis* (Godart); Brazil]
- Liu, Wen-Hui**  
2002. See Li, L.-Y. et al., 2002.  
2004. See Li, Z.-G. et al., 2004a.  
2005a. See Li, Z.-G. et al., 2005a.  
2005b. See Li, Z.-G. et al., 2005b.  
2006a. See Zhang, L.-L. et al., 2006a.  
2006b. See Zhang, L.-L. et al., 2006c.
- Liu, Xi-Hua**  
2018. See Shi, Q.-H. et al., 2018.
- Liu, Xue-Ling, Shi-Chou Han and Ling Zeng**  
2007a. Life table analysis of natural population of *Actinote anteus* (Nymphalidae), a biocontrol agent of *Mikania micrantha* (Compositae). *Chinese Journal of biological Control* 23(2): 127-132, 2 tabs. (May)  
2007b. The life table of the experimental population of *Actinote anteus* (Doubleday & Hewitson), natural enemy of *Mikania micrantha* HBK. *Acta ecologica sinica* 27(8): 3527-3531, 1 fig., 2 tabs. (August) [host plant]
- Liu, Xue-Ling, Shi-Chou Han, Ling Zeng, Li-Ying Li and Jin-Yong Yu**  
2004. [Studies on the biological character of *Actinote anteus*]. [In Chinese]. *Natural Enemies of Insects* 26(3): 108-112, 2 tabs. (September) [life history; host plant; morphology]
- Liu, Xue-Ling, Ling Zeng and Shi-Chou Han**  
2006. The feeding capacity of *Actinote anteus* (Doubleday & Hewitson) under different temperatures in the laboratory. *Natural Enemies of Insects* 28(4): 157-162, 6 figs., 2 tabs. (December) [host plant]  
2007c. The effects of temperatures on development and survival of *Actinote anteus*. *Chinese Bulletin of Entomology* 44(3): 393-397, 1 fig., 4 tabs. (May) [host plant]
- Liu, Yan**  
2016. See Niu, S. et al., 2015.  
2018. See He, J. et al., 2018.
- Liu, Yu-Jie**  
2016. See Huangfu, M.-M. et al., 2016.
- Liu, Yuping**  
2011. See Liu, F. et al., 2011.
- Livraghi, Luca**  
2017. See Mazo-Vargas, A. et al., 2017.  
2019. See Concha, C. et al., 2019.
- Livshultz, Tatyana, Elisabeth Kaltenegger, Shannon C. K. Straub, Kevin Weitemier, Elliot Hirsch, Khrystyna Koval, Lumi Mema and Aaron Liston**  
2018. Evolution of pyrrolizidine alkaloid biosynthesis in Apocynaceae: revisiting the defence de-escalation hypothesis. *New Phytologist* 218(2): 762-773, 2 figs. (April; published online 26 February) [Danainae; host plants; Neotropics]
- Lizárraga, Elena Marisol**  
2016. See Domínguez, J. E. et al., 2016.
- Lizer, Carlos Alfonso** [1887-1959]  
1917. Ginandromorfismo en un lepidóptero. *Physis* (Buenos Aires) 3(14): 268 (30 July) [*Colias* sp.; Argentina]  
1941. *Insectos y otros enemigos de la quinta*. Buenos Aires, Editorial Sudamericana. 220 pp., 20 figs. (*Enciclopedia agropecuaria argentina*, 2) [*Tatochila autodice* (Hübner), *Pieris phileta automata* Burmeister; life histories; host plants; Argentina]
- Llampallas, Judith**  
1982. See Palacios, J. G. et al., 1982.
- Llanderal, Celina**  
2017. See Rodríguez, A. et al., 2017.
- Llanderal, Celina, and María del Socorro López**  
1994. Cría del gusano blanco del maguey *Acentrocne me hesperiaris* (Lepidoptera: Megathymidae) en una dieta artificial. *Agrociencia* (Serie *Protección vegetal*) 5(1): 45-52, 3 figs., 2 tabs. (April) [Mexico]
- Llano, Martha Susana**  
1972a. See Llano, R. J. & M. S. Llano, 1972a.  
1972b. See Llano, R. J. & M. S. Llano, 1972b.  
1973. See Llano, R. J. & M. S. Llano, 1973.
- Llano, Raúl Jorge**  
1951. Primera lista de los lepidópteros de Bolívar (provincia de Buenos Aires - República Argentina) y

- generalidades. *Revista de la Sociedad entomológica argentina* 15(1/3): 182-186 (20 October) [general; ecology; behavior]
1959. Observaciones biológicas de insectos bonaerenses. *Revista de Educación* (La Plata) (N.S.) *Suplemento* 12: 1-143, 4 pls., 10 figs. (3 September) [general; Argentina]
- Llano, Raúl Jorge, and Martha Susana Llano**
- 1972a. Observaciones sobre *Vanessa virginiensis* (Drury) subsp. *braziliensis* (Moore) 1883 (Lep. Fam. Nymphalidae). *Acta zoologica Lilloana* 28: 117-126, figs. ("1971", 4 August 1972) [egg, larva, pupa, imago; host plants; Argentina]
- 1972b. Consideraciones sobre las especies y subespecies del género *Tatochila* (Butler) 1870 (Lep. Pieridae). *Resúmenes de Trabajos y Comunicaciones. Illas Jornadas argentina de Zoología* (Mendoza), pp. 53-54. [general; zoogeography; life histories; Argentina]
1973. Observaciones sobre *Actinote mamita* Burmeister 1878 (Lep. Fam. Acraeidae). *Acta zoologica Lilloana* 29: 67-76, 2 figs. ("1972", 31 May 1973) [egg, larva, pupa, imago; host plants; Argentina]
- Llaurens, Violaine**
2014. See Le Poul, Y. et al., 2014.
2015. See Merrill, R. M. et al., 2015.
- 2016a. See Nadeau, N. J. et al., 2016.
- 2016b. See Arias, M. M. et al., 2016a.
- 2016c. See Arias, M. M. et al., 2016b.
- 2016d. See Prunier, F. P. et al., 2016.
- 2016e. See Arias, M. M. et al., 2016c.
- 2017a. See Chouteau, M. et al., 2017.
- 2017b. See Aubier, T. G. et al., 2017.
- 2018a. See Debat, V. et al., 2018.
- 2018b. See Smadi, C. et al., 2018.
- 2019a. See McClure, M. et al., 2019a.
- 2019b. See Le Roy, C. et al., 2019.
- 2019c. See Saenko, S. V. et al., 2019.
- 2019d. See Chouteau, M. et al., 2019.
- Llaurens, Violaine, Sylvain Billiard and Mathieu Joron**
2013. The effect of dominance on polymorphism in Müllerian mimicry. *Journal of theoretical Biology* 337: 101-110, 5 figs., 1 tab. (21 November; published online 21 August) [general]
- Llaurens, Violaine, Mathieu Joron and Sylvain Billiard**
2015. Molecular mechanisms of dominance evolution in Müllerian mimicry. *Evolution* 69(12): 3097-3108, 3 figs., 3 tabs. (December; published online 18 November) [*Heliconius numata* (Cramer)]
- Llaurens, Violaine, Mathieu Joron and Marc Théry**
2014. Cryptic differences in colour among Müllerian mimics: how can the visual capacities of predators and prey shape the evolution of wing colours? *Journal of evolutionary Biology* 27(3): 531-540, 3 figs., 2 tabs. (March; published online 21 January) [*Heliconius, Melinaea*; Peru, French Guiana]
- Llaurens, Violaine, Annabel C. Whibley and Mathieu Joron**
2017. Genetic architecture and balancing selection: the life and death of differentiated variants. *Molecular Ecology* 26(9): 2430-2448, 2 figs., 1 tab. (May; published online 7 February) [*Heliconius numata* (Cramer)]
- Llorente, Jorge Enrique** [1953- ]
1984. Sinopsis sistemática y biogeográfica de los Dismorphiinae de México con especial referencia al género *Enantia* Huebner (Lepidoptera: Pieridae). *Folia entomologica mexicana* 58: 1-206, 62 figs. (15 June) [new taxa: *Enantia mazai*, *E. m. diazi*, *E. licinia hoffmanni*, *Lieinix nemesis nayaritensis*, *Dismorphia amphiona isolda*; life histories]
1985. *Las mariposas*, pp. 23-28, 3 pls. In: Álvarez, J. R. (Ed.), *Imagen de la Gran Capital*. México, Enciclopedia de México [general; Mexico]
1986. Las razas geográficas de *Pereute charops* (Boisduval, 1836) con la descripción de una [sic] nueva subespecie (Lepidoptera: Pieridae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 56(1): 245-258, 4 pls., 1 map (30 August) [*P. c. leonilae*, *P. c. valeria*; zoogeography; Central and South America]
1987. See Escalante, P. & J. E. Llorente, 1987.
- 1988a. Las poblaciones de *Rhetus arcuus* en México con notas sobre las subespecies sudamericanas (Lepidoptera: Lycaenidae, Riodininae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 58(1): 241-258, 6 pls., 1 map (15 July) [new subespecies: *R. a. beutelspacheri*]
- 1988b. De la Maza, R. R. 1987. Mariposas Mexicanas. Guía para su colecta y determinación. *Folia entomologica mexicana* 75: 159-160 (15 December) [general; book review]
- 1989a. See Franco, A. et al., 1989.
- 1989b. See Geiger, H. et al., 1989.
1990. See Luis, M. A. & J. E. Llorente, 1990.
- [1991]a. Notas sobre los Papilionoidea de México: I.- *Perisama mexicana* Hoffmann (Nymphalidae: Catagrammini), un caso de sinonimia y un error de asignación geográfica. *Folia entomologica mexicana* 79: 85-91, 2 figs. ("30 November 1990", [1991]) [*P. bomplandii* (Guérin); Colombia]
- 1991b. See Vargas, I. et al., 1991.
- 1991c. See Luis, M. A. et al., 1991.
- 1991d. See Raguso, R. A. & J. E. Llorente, 1991.
- 1992a. See Johnson, K. D. & J. E. Llorente, 1992.
- 1992b. See Luis, M. A. et al., 1992.
- 1993a. See Luis, M. A. & J. E. Llorente, 1993.
- 1993b. See Peterson, A. T. et al., 1993.
- 1993c. See Soberón, J. & J. E. Llorente, 1993.
1994. See Vargas, I. et al., 1994.
- 1996a. *Biogeografía de artrópodos de México: ¿Hacia un nuevo enfoque?*, pp. 41-56, 1 tab. In: Llorente, J. E., A. N. García & E. González (Eds.), *Biodiversidad, taxonomía y biogeografía de artrópodos de México. Hacia una síntesis de su conocimiento*. México, Universidad Nacional Autónoma de México (March) [general]
- 1996b. See Luis, M. A. et al., 1996a.
- 1996c. See Warren, A. D. et al., 1996.
- 1996d. See Vargas, I. et al., 1996a.
- 1996e. See Luis, M. A. et al., 1996b.
- 1996f. See Vargas, I. et al., 1996b.
- 1997a. See Porter, A. H. et al., 1997.
- 1997b. See Raguso, R. A. & J. E. Llorente, 1997.
1998. See Warren, A. D. et al., 1998.
- 1999a. See Warren, A. D. & J. E. Llorente, 1999.
- 1999b. See Morrone, J. J. et al., 1999.
- 1999c. See Vargas, I. et al., 1999.
- 2000a. See Soberón, J. et al., 2000.
- 2000b. See Oñate, L. et al., 2000.
- 2000c. See Luis, M. A., J. E. Llorente et al., 2000.
- 2000d. See Luis, M. A., I. Vargas et al., 2000.
- 2000e. See Espinosa, D. et al., 2000.
- 2000f. See Cordero, C. R. & J. E. Llorente, 2000.
- 2001a. See Bizuet, Y. et al., 2001.
- 2001b. See Monteagudo, D. et al., 2001.
- 2001c. See Díaz-Batres, M. E. E. et al., 2001.

- 2002a. See Michán, L. & J. E. Llorente, 2002.  
 2002b. See Morrone, J. J. et al., 2002.  
 2003a. See Luis, M. A. et al., 2003a.  
 2003b. See Luis, M. A. et al., 2003b.  
 2004a. See Michán, L. et al., 2004.  
 2004b. See Luna, M. de las M. & J. E. Llorente, 2004.  
 2004c. See Salinas, J. L. et al., 2004.  
 2004d. See Le Crom, J. F. et al., 2004.  
 2004e. See Luis, M. A. et al., 2004.  
 2005a. See Underwood, D. L. A. et al., 2005.  
 2005b. See Oñate, L. et al., 2005.  
 2005c. See Pozo, M. del C. et al., 2005.  
 2005d. See Luis, M. A. et al., 2005.  
 2005e. See Soberón, J. et al., 2005.  
 2006a. *Biogeografía de artrópodos de México: ¿Hacia un nuevo enfoque?*, pp. 23-47, 1 tab. In: Morrone, J. J. & J. E. Llorente (Eds.), *Componentes bióticos principales de la entomofauna mexicana*. México, Universidad Nacional Autónoma de México. (September) 1. [general; updated version of Llorente, 1996a]  
 2006b. See Oñate, L. et al., 2006.  
 2006c. See Luis, M. A. et al., 2006.  
 2006d. See Vargas, I. et al., 2006.  
 2007a. See Austin, G. T. et al., 2007b.  
 2007b. See Callaghan, C. J. et al., 2007.  
 2008a. See Vargas, I. et al., 2008.  
 2008b. See Prudic, K. L. et al., 2008.  
 2008c. See Hernández, B. C. et al., 2008a.  
 2008d. See Hernández, B. C. et al., 2008b.  
 2008e. See Pozo, M. del C. et al., 2008.  
 2008f. See Warren, A. D. et al., 2008a.  
 2009a. See Salinas, J. L. et al., 2009.  
 2009b. See Luna, M. de las M. et al., 2009.  
 2010a. See Briscoe, A. D. et al., 2010a.  
 2010b. See Briscoe, A. D. et al., 2010b.  
 2010c. See Luna, M. de las M. et al., 2010.  
 2010d. See Oñate, L. & J. E. Llorente, 2010.  
 2010e. See Hernández-Baz, F. et al., 2010.  
 2010f. See Luis, M. A. et al., 2010.  
 2011a. See Callaghan, C. J. et al., 2011.  
 2011b. See Luis, M. A. et al., 2011a.  
 2011c. See Díaz-Batres, M. E. E. & J. E. Llorente, 2011.  
 2011d. See Luis, M. A. et al., 2011b.  
 2011e. See Feria, T. P. et al., 2011.  
 2012b. See Luna, M. de las M. et al., 2012.  
 2012c. See Salinas, J. L. et al., 2012.  
 2013a. See Vargas, I. et al., 2013.  
 2013b. See Hernández, B. C. et al., 2013.  
 2013c. See Callaghan, C. J. et al., 2013.  
 2014a. See Hernández, B. C. et al., 2014a.  
 2014b. See Hernández, B. C. et al., 2014b.  
 2014c. See Hernández, B. C. et al., 2014c.  
 2014d. See Pozo, M. del C. et al., 2014.  
 2015a. See Trujano, M. et al., 2015.  
 2015b. See Hernández, B. C. et al., 2015.  
 2015c. See Nieves, S. et al., 2015.  
 2015d. See Nakahara, S. et al., 2015c.  
 2016a. See Luis, M. A. et al., 2016.  
 2016b. See Vargas, I. et al., 2016a.  
 2016c. See Vargas, I. et al., 2016b.  
 2016d. See Nieves, S. et al., 2016a.  
 2016e. See Nieves, S. et al., 2016b.  
 2016f. See Murillo, L. et al., 2016.  
 2016g. See Nieves, S. et al., 2016c.  
 2016h. See Jasso, J. M. et al., 2016.  
 2016i. See Nieves, S. et al., 2016d.  
 2017a. See Luis, M. A. et al., 2017.  
 2017b. See Nieves, S. et al., 2017a.  
 2017c. See Nieves, S. et al., 2017b.  
 2017d. See García, J. et al., 2017.  
 2017e. See Castro, D. J. & J. E. Llorente, 2017.  
 2017f. See McCulloch, K. J. et al., 2017.  
 2018a. See Trujano, M. et al., 2018.  
 2018b. See Le Crom, J. F. et al., 2018.  
 2018c. See Nieves, S. et al., 2018a.  
 2018d. See Warren, A. D. et al., 2018.  
 2018e. See Arellano, A. et al., 2018.  
 2018f. See Nieves, S. et al., 2018b.  
 2018g. See Vargas, I. et al., 2018.  
 2019a. See Castro, D. J. & J. E. Llorente, 2019.  
 2019b. See Nieves, S. et al., 2019a.  
 2019c. Recuerdos del porvenir. *Dugesiana* 26(2): 179-183, figs. (25 July) [general; history; Mexico]  
 2019d. See Arellano, A. et al., 2019.  
 2019e. See Nieves, S. et al., 2019b.
- Llorente, Jorge Enrique, and Diana Jimena Castro**  
 2008. *Morfología del corion en Dismorphiini (Lepidoptera: Pieridae)*, pp. 71-90, 21 figs. In: Llorente, J. E. & A. Lanteri (Eds.), *Contribuciones taxonómicas en órdenes de insectos hiperdiversos*. México, D.F., Universidad Nacional Autónoma de México. (March) [general]
- Llorente, Jorge Enrique, Diana Jimena Castro and Jean-François Le Crom**  
 2016. Estudio del género *Moschoneura* Butler, 1870 y una nueva subespecie de *Moschoneura ela* (Lepidoptera: Pieridae, Dismorphiinae). *Southwestern Entomologist* 41(4): 1143-1159, 7 figs., 2 tabs. (December) [*M. e. winhardi*; Colombia, Ecuador, Peru]
- Llorente, Jorge Enrique, Henri Descimon and Kurt Duane Johnson**  
 1993. Taxonomy and biogeography of *Archaeoprepona demophon* in Mexico, with description of a new subspecies (Lepidoptera: Nymphalidae: Charaxinae). *Tropical Lepidoptera* 4(1): 31-36, 5 figs., 2 tabs. ("30 July", [30 August]) [*A. d. mexicana*; Central America]
- Llorente, Jorge Enrique, and Patricia Escalante**  
 1992. Insular biogeography of submontane humid forests in Mexico. *Supplementary Publication. Tulane Studies in Zoology and Botany* 1: 139-146, 2 figs., 1 tab. (May) [general]
- Llorente, Jorge Enrique, and Alma Rosa Garcés**  
 1983. Notas sobre *Dismorphia amphiona lupita* Lamas (Lepidoptera, Pieridae) y observaciones sobre algunos complejos miméticos en México. *Revista de la Sociedad mexicana de Lepidopterología* 8(2): 27-39, 7 figs., 2 maps (15 August)
- Llorente, Jorge Enrique, Alma Rosa Garcés and Moisés Armando Luis**  
 1986. Las mariposas de Jalapa-Teocelo, Veracruz. *Revista Teocelo* 4: 14-37, 8 pls., figs. 2-9 (August) [general; Mexico]
- Llorente, Jorge Enrique, and Jean François Le Crom**  
 [2014]. Descripción de dos nuevos Dismorphiini (Lepidoptera: Pieridae) con reflexiones del endemismo en la Sierra Nevada de Santa Marta, Colombia. *Revista colombiana de Entomología* 39(2): 276-280, 3 figs. ("December 2013", [2014]) [*Dismorphia medora dorisa*, *D. zathoe walteri*]
- Llorente, Jorge Enrique, and Moisés Armando Luis**  
 1987. Una nueva subespecie de *Eurema agave* Cramer (Lepidoptera: Pieridae; Coliadinae). *Folia entomologica mexicana* 71: 17-25, 8 figs., 1 map (30 June) [*E. a. millerorum*; Mexico]  
 1988. Nuevos Dismorphiini de México y Guatemala

- (Lepidoptera: Pieridae). *Folia entomologica mexicana* 74: 159-178, 13 figs., 1 map (15 July) [*Dismorphia eunoe chamula*, *D. e. popoluca*]
1992. Distribución de *Consul electra* con una subespecie nueva de México (Nymphalidae: Charaxinae: Anaeini). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 63(2): 237-247, 1 fig., 1 tab., 1 map. (31 December) [*C. e. castanea*; behavior; biogeography; Central America]
1993. *Conservation-oriented analysis of Mexican butterflies: Papilionidae (Lepidoptera: Papilionoidea)*, pp. 147-177, 11 figs., 7 tabs. In: Ramamoorthy, T., R. Bye, A. Lot & J. Fa (Eds.), *Biological diversity of Mexico: Origins and distribution*. Oxford, Oxford University Press. [general]
1994. Mariposas de Chiapas by Roberto G. de la Maza and Javier de la Maza. 1994. *Tropical Lepidoptera* 5(2): 108 ("30 November", [8 December]) [general; Mexico; book review]
1998. *Análisis conservacionista de las mariposas mexicanas: Papilionidae (Lepidoptera, Papilionoidea)*, pp. 149-178, 11 figs., 7 tabs. In: Ramamoorthy, T., R. Bye, A. Lot & J. Fa (Eds.), *Diversidad biológica de México. Orígenes y distribución*. México, Universidad Nacional Autónoma de México. [Spanish version of Llorente & Luis, 1993, q.v.] [general]
- Llorente, Jorge Enrique, Moisés Armando Luis and Arturo Arellano**
2013. Una nueva subespecie de *Synargis nymphidioides* (Butler, 1872) (Lepidoptera: Riodinidae): Predicción a partir de un centro de endemismo en la Sierra Madre del Sur, México. *Southwestern Entomologist* 38(4): 623-633, 11 figs. (December) [*S. n. praedictum*]
- Llorente, Jorge Enrique, Moisés Armando Luis and Luis Lamberto González**
1992. Diferenciación de *Prepona deiphile* en Mesoamérica y descripción de dos subespecies nuevas (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 3(2): 109-114, 3 figs. ([18] December) [*P. d. lambertoana*, *P. d. salvadora*; biogeography]
- Llorente, Jorge Enrique, Moisés Armando Luis and Isabel Vargas**
1990. Catálogo sistemático de los Hesperioidea de México. *Publicaciones especiales del Museo de Zoología. Facultad de Ciencias. Universidad nacional autónoma de México* 1: [iv] + 70 pp., 10 figs. [general]
- 2006b. *Apéndice general de Papilionoidea: Lista sistemática, distribución estatal y provincias biogeográficas*, pp. 945-1009, 1 tab. In: Morrone, J. J. & J. E. Llorente (Eds.), *Componentes bióticos principales de la entomofauna mexicana*. México, Universidad Nacional Autónoma de México. (September) 2. [general]
- Llorente, Jorge Enrique, Moisés Armando Luis, Isabel Vargas and Jorge Soberón**
1993. Biodiversidad de las mariposas: Su conocimiento y conservación en México. *Revista de la Sociedad mexicana de Historia natural* 44: 313-324, 1 fig., 5 tabs., 1 map. [general]
- 1996a. *Papilionoidea (Lepidoptera)*, pp. 531-548, 1 fig., 6 tabs., 1 map. In: Llorente, J.E., A.N. García & E. González (Eds.), *Biodiversidad, taxonomía y biogeografía de artrópodos de México: Hacia una síntesis de su conocimiento*. México, Universidad Nacional Autónoma de México (March) [general; Mexico]
- Llorente, Jorge Enrique, Moisés Armando Luis, Isabel Vargas and Andrew David Warren**
- 1996c. Lista de las mariposas del Estado de Jalisco, México. *Revista de la Sociedad mexicana de Historia natural* 46: 35-48, 1 tab. ("1995", 1996) [general]
2004. Butterflies of the state of Nayarit, Mexico. *Journal of the Lepidopterists' Society* 58(4): 203-222, 2 figs., 1 tab. (16 December) [general]
- Llorente, Jorge Enrique, Sandra Nieves, Adrián Flores, Blanca Claudia Hernández and Diana Jimena Castro**
2018. Chorionic sculpture of eggs in the subfamily Dismorphiinae (Lepidoptera: Papilionoidea: Pieridae). *Zootaxa* 4429(2): 201-246, 12 pls., 3 tabs. (6 June) [general; morphology]
- Llorente, Jorge Enrique, Sandra Nieves, Marysol Trujano and Arturo Arellano**
2019. Una comparación de técnicas de rehidratación abdominal y coriónica en especies de *Emesis* Fabricius y *Lasaia* H. Bates. *Southwestern Entomologist* 44(2): 523-538, 3 pls., 1 tab. ("June", 1 July) [general; Mexico]
- Llorente, Jorge Enrique, Leonor Oñate, Moisés Armando Luis and Isabel Vargas**
1997. *Papilionidae y Pieridae de México: Distribución geográfica e ilustración*. México, Universidad Nacional Autónoma de México. [x] + 230 pp., 28 pls., 4 figs., 3 tabs., 116 maps (December) [general]
- Llorente, Jorge Enrique, María del Carmen Pozo and Moisés Armando Luis**
1993. *Anetia thirza thirza* (Lepidoptera: Nymphalidae): Su ciclo de vida y distribución. *Publicaciones especiales del Museo de Zoología. Universidad nacional autónoma de México* 7: 63-87, 9 figs., 1 map [egg, larva, pupa; behavior; Mexico, Central America]
- Llorente, Jorge Enrique, Marysol Trujano, Moisés Armando Luis, Diana Jimena Castro and Isabel Vargas**
- 2006a. *Patrones de distribución de la familia Pieridae (Lepidoptera)*, pp. 715-770, 73 figs., 5 tabs. In: Morrone, J. J. & J. E. Llorente (Eds.), *Componentes bióticos principales de la entomofauna mexicana*. México, Universidad Nacional Autónoma de México. (September) 2. [general]
- Llorente, Jorge Enrique, Isabel Vargas, Moisés Armando Luis, Marysol Trujano, Blanca Claudia Hernández and Andrew David Warren**
2014. Biodiversidad de Lepidoptera en México. *Revista mexicana de Biodiversidad* 85(Suplemento): S353-S371, 2 figs., 5 tabs. (January; published online 17 April 2013) [general]
- Llorente, Jorge Enrique, Andrew David Warren, Isabel Vargas and Moisés Armando Luis**
- 1996b. Mariposas diurnas de Colima. *Dugesiana* 3(2): 1-18 (December) [general; Mexico]
- Lloyd, Christine**
2011. See Joron, M. et al., 2011.
- Lloyd, Clare**
1985. *The travelling naturalists*. Seattle, University of Washington Press. 156 pp., figs. [general]
- Lobato, Jaime**
- 2004a. See García, E. et al., 2004.
- 2004b. See Solís, R. et al., 2004.
- Lôbo, Ailton Pinheiro**
1997. See Bastos, C. S. et al., 1997.
- Lobo, Jorge Arturo**
2015. See Silva, C. A. & J. A. Lobo, 2015.
- LoCascio III, George, and Anna Kudryashova**
2013. Preliminary survey of the butterflies and skippers (Insecta: Lepidoptera) in a wet subtropical sustainable forestry plot in Patillas, Puerto Rico. *Life: The Excitement of Biology* 1(3): 166-173, 3 figs. (12

October; published online 14 October) [general]

**Locatelli, Lucir Maria**

1996. See Castellani, T. T. et al., 1996.

**Locatelli-Jouans, Corinne**

2016. See Cachet, X. et al., 2016.

**Lödl, Martin**

1997. See Gaal, S. et al., 1997.

**Lödl, Martin, Astrid Keber and Sabine Gaal**

1997. Die *Heliconius*-Sammlung von Ruth und Helmuth Holzinger - nunmehr integrierter Bestandteil der Lepidoptera-Sammlung des Naturhistorischen Museums Wien (Insecta: Lepidoptera: Nymphalidae: Heliconiinae). *Entomologisches Nachrichtenblatt* (N.F.) 4(1): 1-6, 3 figs., 1 tab. (30 April) [general]

**Loera-Gallardo, Jesús**

2009. See López-Arroyo, J. I. & J. Loera-Gallardo, 2009.

**Lötsch, Bernd**

1996. *Wege zum Esquinas Regenwald. Eindrücke eines Ökologen*, pp. 112-125, figs. In: Sehna, P. & H. Zettel, *Esquinas-Nationalpark. Der Regenwald der Österreicher in Costa Rica*. Wien, Naturhistorisches Museum. [general; butterfly farming]

**Loffredo, Ana Paula de Silva**

2009. See Costa, F. de M. et al., 2009.

**Logunov, Dmitri Viktorovich**

2010. The Manchester Museum's entomology collections. *Antenna* 34(4): 163-167, 7 figs. [general]

2015. See Dockery, M. & D. V. Logunov, 2015.

2018. See Dockery, M. & D. V. Logunov, 2018.

**Lohman, David J.**

2002. See Pierce, N. E. et al., 2002.

2011. See Basset, Y. et al., 2011.

2013. See Basset, Y. et al., 2013.

2014. See Burg, N. A. et al., 2014.

2015. See Espeland, M. et al., 2015.

2018a. See Sahoo, R. K. et al., 2018.

2018b. See Espeland, M. et al., 2018.

2018c. See Toussaint, E. F. A. et al., 2018.

2018d. See Kawahara, A. Y. et al., 2018b.

**Loiácono, Marta Susana**

2008. See Margaría, C. B. et al., 2008.

2015. See Almeida, G. de S. S. de et al., 2015.

**Lo-Man-Hung, Nancy França**

2007. See Barlow, B. J. et al., 2007a.

2008. See Gardner, T. A. et al., 2008.

**Lombana, Elizabeth**

2011. See Castillo, R. M. et al., 2011.

**Lombardini, J. Barry**

2006. Maria Sibylla Merian – Artist and naturalist. A biography. *Southern Lepidopterists' News* 28(4): 110-112, 135, 6 figs. (31 December)

**Lomônaco, Cecilia**

2013. See Mata, R. F. F. da & C. Lomônaco, 2013.

**Lončar, Marko**

2013. See Burgess, I. B. et al., 2013.

**Londoño, Patricia**

2016a. *Introducción*, pp. 14-21, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general]

2016b. See Giraldo, C. E. & P. Londoño, 2016.

**Long, Anthony D.**

2012. See Martin, A. et al., 2012.

**Long, Elizabeth C., Robert C. Thomson and Arthur Maurice Shapiro**

2014. A time-calibrated phylogeny of the butterfly tribe Melitaeini. *Molecular Phylogenetics and Evolution* 79:

69-81, 3 figs., 2 tabs. (October; published online 18 June) [general; new subtribe: Chlosynina (*nomen nudum*); Neotropics]

**Longcore, Travis R.**

1997. See Mattoni, R. H. T. et al., 1997.

**Longfield, Cynthia** [1896-1991]

1926. The witch-hazel (*Hamamelis*)-like smell of *Heliconius h. hydarus*, Hew., and *H. h. columbinus*, Staud. *Proceedings of the entomological Society of London* (A) 1(2): 20 (21 December) [Trinidad, Panama]

**Longhini, Lázara Catarina Spindola Barbieri, and Antonio Carlos Busoli**

1993. Controle integrado de *Brevicoryne brassicae* (L., 1758) (Homoptera, Aphididae) e *Ascia monuste orseis* (Latr., 1819) (Lepidoptera, Pieridae) em couve (*Brassica oleracea* var. *acephala*). *Científica* (São Paulo) 21(2): 231-237, 4 tabs. [Brazil]

**Longino, John Thomas**

1982. See Mallet, J. L. B. & J. T. Longino, 1982.

1987. See Mallet, J. L. B. et al., 1987.

1994. See Deinert, E. I. et al., 1994.

2011. See Laurance, W. F. et al., 2011.

**Longley, William Harding** [1881-1937]

1917. Studies upon the biological significance of animal coloration. II. A revised working hypothesis of mimicry. *American Naturalist* 51(605): 257-285 (May) [general]

**Longstaff, George Blundell** [1849-1921]

1908a. Association of allied forms of South American butterflies. *Proceedings of the entomological Society of London* 1907(4): lxxv-lxxvi (14 February) [Ithomiinae; behavior; Venezuela]

1908b. A fortnight's winter collecting in Venezuela. *Entomologist's monthly Magazine* 44(526): 68-72 (March), (527): 73-76 (April), (528): 117-120 (May), (529): 121-123 (June) [general]

1908c. Notes on some butterflies taken in Jamaica. *Transactions of the entomological Society of London* 1908(1): 37-51, 1 map (5 June) [general]

1908d. On some of the butterflies of Tobago. *Transactions of the entomological Society of London* 1908(1): 53-57 (5 June) [reprinted in *Proceedings of the agricultural Society of Trinidad and Tobago* 14(1): 27-32; January 1914, and in *Agricultural Society Paper* (Port-of-Spain) 586: 81-87; 1914] [general]

1909. Bionomic notes on butterflies. *Transactions of the entomological Society of London* 1908(3/4): 607-673 (20 January) [general; behavior; mimicry]

1912. *Butterfly-hunting in many lands. Notes of a field naturalist*. London, Longmans, Green and Co. xx + 729 pp., 16 pls., 19 figs. (February; reissued October) [general; behavior; ecology; mimicry; morphology; Neotropics]

1914. Further notes on scents in butterflies. *Entomologist's monthly Magazine* 50(596): 1-8 (January) [general]

**Lopes, Ariadna Valentina**

2005. See Santos, M. J. et al., 2005.

2009. See Borges, L. A. et al., 2009.

2017. See Borges, L. A. et al., 2017.

**Lopes, Benedito Cortês**

1996. See Castellani, T. T. et al., 1996.

2010a. See Ulysséa, M. A. et al., 2010a.

2010b. See Ulysséa, M. A. et al., 2010b.

2011. See Kamke, R. et al., 2011.

**Lopes, F. S., and Paulo do Nascimento**

1986. Divisão de recursos entre *Heliconius erato phyllis* e *Dryas iulia* (Lep., Nymphalidae). *Resumos XIII Congresso brasileiro de Zoologia* (Cuiabá), p. 73.

- [Brazil]
- Lopes, Hugo de Souza** [1909-1991]  
1941. Relação do material entomológico capturado, pp. 641-660. In: Travassos, L. P., Relatório da terceira excursão à zona da Estrada de Ferro Noroeste do Brasil realizada em Fevereiro e Março de 1940. *Memórias do Instituto Oswaldo Cruz* (Rio de Janeiro) 35(3): 607-676, 9 pls. (April) [general; Brazil]
- Lopes, Karla Andressa Ruiz**  
2005. See Bolfarini, M. P. et al., 2005.
- Lopes, Letícia Azambuja, Betina Blochtein and Ana Paula Ott**  
2007. Diversidade de insetos antófilos em áreas com reflorestamento de eucalipto, Município de Triunfo, Rio Grande do Sul, Brasil. *Iheringia (Zoologia)* 97(2): 181-193, 8 figs., 4 tabs. (30 June) [general]
- Lopes, Luciano Elsinor, and Silvana Buzato**  
2007. Variation in pollinator assemblages in a fragmented landscape and its effects on reproductive stages of a self-incompatible treelet, *Psychotria suterella* (Rubiaceae). *Oecologia* 154(2): 305-314, 5 figs., 1 tab. (November; published online 11 August) [general; Brazil]
- Lopes, Luciene de Oliveira**  
1978a. See Bastos, J. A. M. et al., 1978a.  
1978b. See Bastos, J. A. M. et al., 1978b.  
1980. See Mota, A. P. B. & L. de O. Lopes, 1980.
- Lopes, Luciene de Oliveira, Alessandra Perazzo Barbosa Mota and Antonio Lindemberg Martins Mesquita**  
1979. Determinação dos períodos pré-pupal e pupal da lagarta dos citros *Papilio anchisiades capys* Huebner, 1908 [sic]. *Fitossanidade* (Fortaleza) 3(1/2): 49 (December) [Brazil]
- Lopes, Mayara Cristina**  
2017. See Moreno, S. C. et al., 2017.
- Lopes, Mayara Cristina, Elson Santiago de Alvarenga, Alex Ramos Aguiar, Izailda Barbosa dos Santos, Gerson Adriano Silva, Lucas de Paula Arcanjo and Marcelo Coutinho Picanço**  
2018. Insecticidal activity of dienamides on cabbage caterpillar and beneficial insects. *Química nova* 41(4): 375-379, 5 figs., 1 tab. (published online 1 February) [*Ascia monuste* (Linnaeus); host plant; Brazil]
- Lopes, Norberto Peporine**  
2019. See Gallon, M. E. et al., 2019.
- Lopes, Sonia Maria**  
2010. See Couri, M. S. et al., 2010.
- Lopes-da-Silva, Marcelo**  
2010. See Salgado-Neto, G. et al., 2010.  
2011. See Salgado-Neto, G. & M. Lopes-da-Silva, 2011.
- Lopes-da-Silva, Marcelo, and Mirna Martins Casagrande**  
2003. Color polymorphism and allele frequency in a Brazilian population of the sunflower caterpillar *Chlosyne lacinia saundersi* (Doubleday) (Lepidoptera: Nymphalidae). *Neotropical Entomology* 32(1): 159-161, 2 tabs. (January-March)
- López, Alexander, and Victor Clement Joseph Quesnel**  
1970. Defensive secretions of some papilionid caterpillars. *Caribbean Journal of Science* 10(1/2): 5-7 (3 November) [general; biochemistry]
- López, Amador**  
2017. See Pérez-Asso, A. R. et al., 2017.
- López, Ana Lucía**  
1994. See Andrade, M. G. et al., 1994.
- López, Andrés**  
2005. See Álvarez, C. F. et al., 2005.  
2009a. See Gómez, L. M. et al., 2009.  
2009b. See Marín, M. A. et al., 2009.  
2012. See Marín, M. A. et al., 2012.
- López, Carlos**  
1996. See Salazar, J. A. & C. López, 1996.  
1998. See Salazar, J. A. et al., 1998.  
2001. See Salazar, J. A. & C. López, 2001.  
2002. See Salazar, J. A. & C. López, 2002.
- López, Carlos, and Reinaldo Cárdenas**  
2002. Composición faunística de las comunidades de mariposas diurnas de un bosque subandino tropical, Colombia. (Lepidoptera: Rhopalocera). Parte I. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 45-71 (March) [general]  
2003. Composición faunística de las comunidades de mariposas diurnas de un bosque subandino tropical, Colombia. (Lepidoptera, Rhopalocera). Parte II. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 157-177 (November) [general; Lycaenidae, Riodinidae, Hesperidae; behavior]
- López, Diego Alejandro**  
2007. See Arango, L. et al., 2007.
- López, Hernán A.**  
2013. See Nores, M. J. et al., 2013.
- López, Hernán A., and Leonardo Galetto**  
2002. Flower structure and reproductive biology of *Bougainvillea stipitata* (Nyctaginaceae). *Plant Biology* 4(4): 508-514, 5 figs., 2 tabs. (July) [*Chioides*; Argentina]
- López, Jesús Francisco**  
2009. See Pérez, B. C. et al., 2009.  
2011a. See Pérez, B. C. et al., 2009.  
2011b. See Aragón, A. et al., 2011.  
2015. See Pérez, B. C. et al., 2015.
- López, José Orlando**  
2007. See Arango, L. et al., 2007.
- López, Karime**  
2017. See Legal, L. et al., 2017.
- López, Luis G.**  
1977. See Maza, J. de la et al., 1977.  
1981a. Un caso de melanismo en *Greta morgane* ota (Hew.) (Nymphalidae: Ithomiinae). *Revista de la Sociedad mexicana de Lepidopterología* 6(2): 45-46, 1 fig. (15 March) [Mexico]  
1981b. Congreso méxico-americano de Lepidopterología. *Boletín informativo. Sociedad mexicana de Lepidopterología* 7(3): 2-9 (July-September) [general; report on meeting]
- López, Luz Dary**  
2000. See Gil, Z. N. et al., 2000.
- López, Mabel**  
2000. See Rodríguez, R. et al., 2000.
- López, María del Socorro**  
1994. See Llanderal, C. & M. del S. López, 1994.
- López, María Victoria, and Cristian F. Estades**  
1996. Natural history of the Tamarugo conebill (*Conirostrum tamarugense*) during the breeding period: diet and habitat preferences. *Revista chilena de Historia natural* 69(3): 351-356, 1 fig., 1 tab. (September) [*Leptotes trigemmatum* Butler; Chile]
- López, René**  
2016. See Tippets, C. A. et al., 2016.
- López, Sara**  
2011. See SurrIDGE, A. K. et al., 2011.
- López, Ubaldo**  
1936. *Tetrastichus lopezi* Blanchard. *Boletín informativo del Laboratorio de Zoología y Entomología agrícolas. Facultad de Agronomía de la Universidad nacional de*

- La Plata* 1: [4] pp., 3 figs. (July) [*Tatochila autodice* (Hübner), *Pieris phileta automate* Burmeister; parasitoids; host plants; Argentina]
1937. Novedades entomológicas. *Boletín. Universidad nacional de La Plata* 20(10): 288-295, figs. [*Tatochila autodice* (Hübner), *Pieris phileta automate* Burmeister; parasitoid; Argentina]
- López, Víctor**  
2012. See Chávez, L. F. et al., 2012.
- López, Yacksecari**  
2015. See Basset, Y. et al., 2015.  
2017. See Basset, Y. et al., 2017.
- López-Arroyo, José Isabel, and Jesús Loera-Gallardo**  
2009. *Manejo integrado de insectos y ácaros plaga de los cítricos*, pp. 260-323, 10 figs., 5 tabs. In: Rocha-Peña, M. A. & J. E. Padrón-Chávez (Eds.), *El cultivo de los cítricos en el Estado de Nuevo León*. México, Instituto Nacional de Investigaciones Forestales, Agrícolas y Pecuarias. (*Libro científico* 1) (May) [*Achlyodes pallida* (R. Felder); *Papilio crespontes* Cramer; host plants; Mexico]
- López-Barbosa, Edmundo**  
2019. See Cambrón-Villalobos, P. et al., 2019.
- López-Campos, María Guadalupe**  
2004. See Hoffmann, A. et al., 2004.
- López-Collado, Catalino Jorge**  
2017. See Jacinto-Padilla, J. et al., 2017.
- López-Collado, José**  
2017. See Jacinto-Padilla, J. et al., 2017.
- López-Collado, José, Lluvia Lisette Cruz-Salas, José Cruz García-Albarado, Diego Esteban Platas-Rosado and Humberta Gloria Calyecac-Cortero**  
2016. Size doesn't matter but color does: preference of neotropical butterfly species to make souvenirs. *Journal of Entomology and Zoology Studies* 4(5): 159-165, 7 figs. (December) [general; Mexico]
- López-García, José**  
2002. See Brower, L. P. et al., 2002.  
2014. See Vidal, O. et al., 2014.
- López-García, José, and Irasema Alcántara-Ayala**  
2012. Land-use change and hillslope instability in the monarch butterfly Biosphere Reserve, central Mexico. *Land Degradation & Development* 23(4): 384-397, 9 figs., 5 tabs. (August; published online 14 May) [*Danaus plexippus* (Linnaeus); conservation]
- López-Gutiérrez, Sandra**  
2018. See Peralta-Cisneros, J. M. et al., 2018.
- López-Gutiérrez, Sandra, Adriana Gabriela Trejo-Loyo, Alejandro Flores, Milagros Córdova-Athanasiadis and Juan Carlos Sandoval**  
2017. Listado de mariposas diurnas (Lepidoptera: Rhopalocera) del zoológico Zoofari en Amacuzac, Morelos, México. *Entomología mexicana* 4: 473-478, 2 figs., 1 tab. (July) [general]
- Lopez-Hoffman, Laura**  
2016. See Semmens, B. X. et al., 2016.  
2017a. See Thogmartin, W. E. et al., 2017.  
2017b. See Oberhauser, K. S. et al., 2017.
- López Munguira, Miguel** – See Munguira, Miguel López
- López-Palafox, Tania Guadalupe, and Carlos Rafael Cordero**  
2017. Two-headed butterfly vs. mantis: do false antennae matter? *PeerJ* 5(e3493): 1-10, 2 figs., 1 tab. (published online 22 June) [*Callophrys xami* (Reakirt); behavior; Mexico]
- López-Palafox, Tania Guadalupe, Moisés Armando Luis and Carlos Rafael Cordero**  
2015. The movement of "false antennae" in butterflies with "false head" wing patterns. *Current Zoology* 61(4): 758-764, 2 figs., 1 tab. (August) [general; Lycaenidae; behavior; Mexico]
- López-Sorto, Rubén Ernesto**  
2008. See Bonebrake, T. C. & R. E. López-Sorto, 2008.  
2009. See Bonebrake, T. C. & R. E. López-Sorto, 2009.  
2011. *Inventario de insectos y arácnidos. Área Natural Protegida El Espino – Bosque Los Pericos. Parque del Bicentenario*. San Salvador, Fundación Ecológica SalvaNATURA. 40 pp., 7 + 26 figs., 10 tabs. (December) [general; El Salvador]
- 2013a. Diversidad de mariposas diurnas en la Reserva de la Biosfera, Sierra Apaneca-Lamatepec, El Salvador. *Bioma* (San Salvador) 1(3): 32-35, 12 figs., 2 tabs. ([1] January) [general]
- 2013b. Mariposas diurnas como indicadores de conectividad del corredor biológico: El Imposible, sierra Apaneca-Lamatepec, El Salvador (Propuesta del corredor biológico utilizado por las mariposas en la sierra Apaneca-Lamatepec). *Bioma* (San Salvador) 1(4): 23-27, 19 figs. (February) [general]
- 2013c. Catálogo de especies de mariposas diurnas miméticas y con coloración críptica de la quebrada "La Chanseñora" del parque nacional Walter Thilo Deininger, El Salvador. *Bioma* (San Salvador) 1(5): 29-35, figs. (March) [general]
2014. See Sermeño, J. M. et al., 2014a.  
2015a. See Sermeño, J. M. et al., 2015a.  
2015b. See Sermeño, J. M. et al., 2015b.  
2015c. See Sermeño, J. M. & R. E. López-Sorto, 2015.
- López-Sorto, Rubén Ernesto, and José Miguel Sermeño**  
2009. *Introducción a la historia natural de las mariposas diurnas (Lepidoptera, Papilionoidea y Hesperioidea) del Parque Nacional Walter Thilo Deininger de El Salvador*. San Salvador, Universidad de El Salvador. 60 pp., 28 figs., 11 tabs. (September) [general]
- 2015a. Diversidad de las mariposas diurnas (Lepidoptera, Papilionoidea y Hesperioidea) del Parque Nacional Walter Thilo Deininger, El Salvador. Notas sobre su distribución y fenología. Primera parte. *Bioma* (San Salvador) 3(28): 64-76, 11 figs., 5 tabs. (February) [general]
- 2015b. Diversidad de las mariposas diurnas (Lepidoptera, Papilionoidea y Hesperioidea) del Parque Nacional Walter Thilo Deininger, El Salvador. Notas sobre su distribución y fenología. Segunda parte. *Bioma* (San Salvador) 3(29): 7-50, pls., figs. 12-28, tabs. 6-11 (March) [general]
- Loquay, Richard**  
1928. Sammeltage am Rande des Urwaldes. (Auszüge aus Briefen eines Junglehrers). *Internationale entomologische Zeitschrift* 22(15): 156-157 (15 July) [general; Brazil]
- Lorea, Francisco**  
2015. See MacGregor, I. et al., 2015.
- Lordello, Luiz Gonzaga Engelberg** [1926-2002]  
1949. *Brassolis sophorae lurida* Stich, séria praga de palmáceas. *Sítios e Fazendas* (São Paulo) 14(11): 9-11, 5 figs. (November) [life history; Brazil]
1951. Contribuição ao conhecimento de alguns Ithomiidae brasileiros, predadores [sic] de Solanáceas (Lep. Rhopalocera). *Anais da Escola superior de Agricultura "Luiz de Queiroz"* (Piracicaba) 8: 99-110, 11 figs. [general; eggs, larvae, pupae, imagines; host plants]
- 1952a. Insetos que vivem sobre o maracujazeiro. I.- Notas bionômicas acerca de *Dione vanillae* (L., 1758) (Lep.,



- Nymphalidae). *Revista de Agricultura* (Piracicaba) 27(5/6): 177-187, 3 figs. (May-June) [egg, larva, pupa, imago; host plants; parasitoids, diseases; Brazil]
- 1952b. Sobre os inimigos naturais da lagarta das palmáceas. *Brassolis sophorae sophorae* (L.) (Lep., Brassolidae). *Anais da Escola superior de Agricultura "Luiz de Queiroz"* (Piracicaba) 9: 23-30, 8 figs. [Brazil]
1956. Insetos que vivem sobre o maracujazeiro. III. Notas acerca de *Dione juno* (Cramer) (Lep. Nymphalidae) e relação de alguns outros insetos habitualmente coligidos de *Passiflora* spp. *Revista de Agricultura* (Piracicaba) 29(1/2): 23-29, 3 figs. (January-February) [egg, larva, pupa; host plants; Brazil]
- Lordello, Luiz Gonzaga Engelberg, and Rubens Alves Rodrigues**
1952. Estudos sobre *Ascia monuste orseis* (Godart, 1818) (Lep., Pieridae). *Anais da Escola superior de Agricultura "Luiz de Queiroz"* (Piracicaba) 9: 181-194, 7 figs. [egg, larva, pupa, imago; host plants; parasitoids, predators; behavior; Brazil]
- Lorenc-Brudecka, Jadwiga**
2014. See Prieto, C. H. & J. Lorenc-Brudecka, 2014.
2015. See Zubek, A. et al., 2015.
- 2016a. See Prieto, C. H. et al., 2016.
- 2016b. See Bálint, Z. et al., 2016.
- 2017a. See Zubek, A. et al., 2017.
- 2017b. See Prieto, C. H. & J. Lorenc-Brudecka, 2017.
- 2017c. See Pycrcz, T. W. et al., 2017.
- 2018a. See Pycrcz, T. W. et al., 2018a.
- 2018b. See Pycrcz, T. W. et al., 2018c.
- 2018c. See Pycrcz, T. W. et al., 2018d.
2019. See Pycrcz, T. W. et al., 2019a.
- Lorenzato, Dorvalino, Eugene Cardoso Chouène, Jussara Medeiros, Alan Edison Cirino Rodrigues and Regina C. D. Pederzoli**
1997. Ocorrência e controle da broca-do-fruto-do-abacaxi *Thecla basalides* [sic] (Geyer, 1847 [sic]). *Pesquisa agropecuária gaúcha* 3(1): 15-19, 3 tabs. [host plant; Brazil]
- Loría, Ronny, Carlos Manuel Chinchilla, José Domínguez and Ramón Gilberto Mexzón**
2000. An effective trap to capture adults of *Opsiphanes cassina* F. (Lepidoptera, Nymphalidae) and observations on the behavior of the pest in oil palm. Una trampa efectiva para capturar adultos de *Opsiphanes cassina* F. (Lepidoptera; Nymphalidae) y observaciones sobre el comportamiento de la plaga en palma aceitera. *ASD Oil Palm Papers* 21: 1-12, 12 figs. [also in *Palmas* (Bogotá) 23(1): 29-37, 12 figs.; 2002] [host plant; Costa Rica]
- Lorkovič, Zdravko** [1900-1998]
1990. *The butterfly chromosomes and their application in systematics and phylogeny*, pp. 332-396, pls. 1-2, 36 figs., 1 tab., 1 graph. In: Kudrna, O. (Ed.), *Butterflies of Europe. Volume 2. Introduction to lepidopterology*. Wiesbaden, AULA-Verlag. [general]
1993. *Leptidea reali* Reissinger 1989 (= *lorkovicii* Real 1988), a new European species (Lep., Pieridae). *Natura croatica* 2(1): 1-25, 63 figs., 2 tabs., 2 graphs [Dismorphiinae; morphology]
1995. Primjedbe i dopune na drugi svezak "Butterflies of Europe, Introduction to Lepidopterology" (Ed. O. Kudrna) 1990. *Entomologia croatica* 1: 9-18, 2 figs. (20 May) [Heliconiidae, Ithomiidae; chromosomes]
- Losada, Adolfo D.**
1975. See Rizzo, H. F. E. & A. D. Losada, 1975.
- Losada, Belisario**
1947. Nuevas especies para Colombia localizadas por primera vez por la Sección de Entomología. *Revista. Facultad nacional de Agronomía* (Medellín) 7(27): 325-332 (September) [*Historis acheronta* (Fabricius); migration]
- Losada, María Eugenia**
- 2013a. *Hypolimnas misippus*, una especie de distribución pantropical presente en Venezuela. *Entomotropica* 28(2): 164 (August) [abstract]
- 2013b. *Hypolimnas misippus* (Linnaeus, 1764) (Lepidoptera: Nymphalidae), una especie de distribución pantropical presente en Venezuela. *Entomotropica* 28(3): 237-241, 2 figs., 1 tab. (December) [host plant; distribution]
2016. See Dell'Aglio, D. D. et al., 2016a.
- Losada, María Eugenia, Andrew Frederic Edwyn Neild and Ángel Luis Viloria**
2018. The life cycle of *Oressinoma typhla* Doubleday, [1849] (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera Research* 28(2): 54-60, 7 figs., 3 tabs. (published online 3 October) [egg, larva, pupa, imago; host plants; parasitoid; ecology; behavior; Central and South America]
- Lothhammer, Nívia**
2014. See Aymone, A. C. B. et al., 2014.
- Lott, D. A.**
1986. A further British record of *Opsiphanes tamarindi* Felder & Felder (Lep.: Nymphalidae, Brassolini). *Entomologist's Record and Journal of Variation* 98(1/2): 256 (15 November) [Colombia]
- Lott, Terry A.**
2012. See Matthews, D. L. et al., 2012.
2018. See Matthews, D. L. et al., 2018.
- Lotz, Hans-Georg**
2002. Looking to nature for better optical layers. Designing and controlling interference coatings with TOPFILM. *Precision* 2002(8): 20-23, 15 figs. (August) [*Morpho*: scale morphology]
- Lounibos, Leon Philip**
2009. See Frank, J. H. & L. P. Lounibos, 2009.
- Lourenção, André Luiz**
2011. See Schlick-Souza, E. C. et al., 2011.
2015. See Baldin, E. L. L. et al., 2015.
- Lourenção, André Luiz, and Maria Regina Gonçalves Ungaro**
1983. Preferência para alimentação de lagartas de *Chlosyne lacinia saundersii* [sic] Doubleday & Hewitson, 1849 em cultivares de girassol. *Bragantia* 42: 281-286, 1 tab. [host plants; Brazil]
- Lourenço, Giselle Martins**
2014. See Gomes, V. et al., 2014.
2018. See Santos, J. P. dos et al., 2018.
2019. See Santos, J. P. dos et al., 2019.
- Lourenço, Giselle Martins, Glória Ramos Soares, Talita Pereira Santos, Wesley Dáttilo, André Victor Lucci Freitas and Sérgio Pontes Ribeiro**
2019. Equal but different: Natural ecotones are dissimilar to anthropic edges. *PLoS ONE* 14(3)(e0213008): 1-18, 5 figs., 2 tabs. (4 March) [general; Brazil]
- Lourenço, Wilson R.**
1991. See Lescure, J. et al., 1991.
- Lourido, Gilcélia Melo, and Catarina da Silva Motta**
2009. Descrição da fêmea e redescricao do macho de *Macrosoma klagesi* (Prout) (Lepidoptera, Hedyloidea, Hedyliidae). *Revista brasileira de Entomologia* 53(1): 74-76, 8 figs. (31 March) [morphology; Brazil]
- Lourido, Gilcélia Melo, Catarina da Silva Motta, José Albertino Rafael, José Wellington de Moraes and**

- Francisco Felipe Xavier Filho**  
2008. Hedylidae (Lepidoptera: Hedyloidea) coletados à luz a 40 metros de altura no dossel da floresta da Estação Experimental de Silvicultura Tropical em Manaus, Amazonas, Brasil. *Acta Amazonica* (Manaus) 38(2): 329-332, 2 figs., 3 tabs. (June) [general]
- Lourido, Gilcélia Melo, Neliton Marques da Silva and Catarina da Silva Motta**  
2007. Parâmetros biológicos e injúrias de *Macrosoma tipulata* Hübner (Lepidoptera: Hedylidae), em cupuaçuzeiro [*Theobroma grandiflorum* (Wild ex Spreng Schum)] no Amazonas. *Neotropical Entomology* 36(1): 102-106, 1 fig., 3 tabs. (February) [egg, larva, pupa, imago; host plant; Brazil]
- Lousse, Virginie**  
2006a. See Kertész, K. et al., 2006a.  
2006b. See Kertész, K. et al., 2006b.  
2006c. See Vértessy, Z. et al., 2006.  
2006d. See Biró, L. P. et al., 2006.  
2007a. See Biró, L. P. et al., 2007a.  
2007b. See Biró, L. P. et al., 2007b.  
2007c. See Biró, L. P. et al., 2007c.
- Louton, Jerry A., Rosser W. Garrison and Oliver S. Flint**  
1996. *The Odonata of Parque Nacional Manu, Madre de Dios, Peru; natural history, species richness and comparisons with other Peruvian sites*, pp. 431-449, 4 figs., 2 tabs. In: Wilson, D.E. & A. Sandoval (Eds.), *Manu. The biodiversity of southeastern Peru*. Washington, D.C., Smithsonian Institution ([December]) [Nymphalidae; mimicry]
- Lovatto, Patrícia Braga**  
2012. See Gehardt, A. et al., 2012.
- Lovatto, Patrícia Braga, Gustavo Schiedeck and Flávio Roberto Mello Garcia**  
2012. A interação co-evolutiva entre insetos e plantas como estratégia ao manejo agroecológico em agroecossistemas sustentáveis. *Interiencia* 37(9): 657-663, 1 tab. (September) [*Ascia monuste orseis* (Godart); Brazil]
- Lovett, Jim**  
2015a. See Young-Isebrand, E. et al., 2015.  
2015b. See Oberhauser, K. S. et al., 2015a.
- Lovejoy, Thomas E.** [1941- ]  
1985. *Forest fragmentation in the Amazon: a case study*, pp. 243-251, 7 figs. In: Messel, H. (Ed.), *The study of populations*. Sydney, Pergamon Press. [general; Brazil]  
2010. See Leidner, A. K. et al., 2010.
- Lovejoy, Thomas E.** [1941- ], **Richard O. Bierregaard, Jr., Anthony Brome Rylands, Jay R. Malcolm, Carlos E. Quintela, Lee H. Harper, Keith Spalding Brown, Jr., Arthur Herbert Powell, George Vand Nostrand Powell, Herbert Otto Roger Schubart and M. B. Hays**  
1986. *Edge and other effects of isolation on Amazon forest fragments*, pp. 257-285, 14 figs., 9 tabs. In: Soulé, M. (Ed.), *Conservation Biology. The Science of Scarcity and Diversity*. Sunderland, Sinauer Associates, Inc. [general; Brazil]
- Lovejoy, Thomas E., Nathaniel Erwin and Sarah Boren**  
1997. *Insect conservation*, pp. 395-400. In: Watt, A. D., N. E. Stork & M. D. Hunter (Eds.), *Forests and insects*. London, Chapman & Hall. [general]
- Lovejoy, Thomas E., Judy M. Rankin, Richard O. Bierregaard, Jr., Keith Spalding Brown, Jr., Louise H. Emmons and Martha E. Van der Voort**  
1984. *Ecosystem decay of Amazon forest remnants*, pp. 295-325, 13 figs., 3 tabs. In: Nitecki, M. H. (Ed.), *Extinctions*. Chicago, The University of Chicago Press. [general; ecology; conservation; Brazil]
- Lovett, Jon**  
2011. See Laurance, W. F. et al., 2011.
- Lovette, Irby J.**  
1999. See Ricklefs, R. E. & I. J. Lovette, 1999.
- Lovo, L. M.**  
2019. See Sermeño, J. M. et al., 2019.
- Lowe, Frederick** [1870- ?]  
1904. *Catalogue of Lepidoptera. Volume 1.-Danainae. Part 1.-Danaina*. London, Hutchings and Crowsley. [2] + 51 pp. (December) [general]
- Loxdale, Hugh Dvid** [1950- ]  
1988. See Riley, A. M. & H. D. Loxdale, 1988.
- Loza-León, Jéssica Grétel**  
2019a. See Reyes-Aguilera, C. E. et al., 2019.  
2019b. See Rodríguez-Lucio, V. G. et al., 2019.
- Lozada, Adriana**  
2009. See Mestre, N. et al., 2009.
- Lozada, José**  
2001. El Museo de Historia Natural del Colegio de Cristo, Manizales. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 5: 64-65 (January) [general; history; Colombia]
- Lu, Chih-Chien**  
2015. See Wu, L.-W. et al., 2015.
- Lu, Jie**  
2017. See Elbaz, A. et al., 2017.
- Lucas, Floyd B., Carol L. Ramjohn, Ian A. Ramjohn & Karl Ramjohn**  
2004. Butterfly gangs: do they exist? *Living World* 2004(Supplement): 19-20 (August) [general; ecology; Trinidad]
- Lucas, Kathleen M.**  
2008. See Lane, K. A. et al., 2008.
- Lucas, Kathleen M., Jennifer K. Mongrain, James F. C. Windmill, Daniel Robert and Jayne E. Yack**  
2014. Hearing in the crepuscular owl butterfly (*Caligo eurilochus*, Nymphalidae). *Journal of comparative Physiology (A)* 200(10): 891-898, 4 figs. (October; published online 31 August) [morphology]
- Lucas, Kathleen M., James F. C. Windmill, Daniel Robert and Jayne E. Yack**  
2009. Auditory mechanics and sensitivity in the tropical butterfly *Morpho peleides* (Papilionoidea, Nymphalidae). *Journal of experimental Biology* 212(21): 3533-3541, 7 figs., 1 tab. (1 November; published online 16 October)
- Lucas, Pierre-Damien**  
2018. See Dumbardon-Martial, T. et al., 2018.
- Lucas, Pierre Hippolyte** [1814-1899]  
1835-[1836]. *Histoire naturelle des lépidoptères exotiques*. Paris, Pauquet. [4] + iv + 156 pp., 80 pls. [published in 20 parts (livraisons) between March 1835 and June 1836] [2nd printing, 1845; 2nd Ed., 1864] [general; new species: *Pavonia lycaon*]  
1838. Papillon, *Papilio*, pp. 36-85. In: Guérin, F.-E. (Ed.), *Dictionnaire pittoresque d'Histoire Naturelle et des Phénomènes de la Nature, contenant l'Histoire des Animaux, des Végétaux, des Minéraux, des Météores, des principaux phénomènes physiques et des curiosités naturelles, avec des détails sur l'emploi des productions des trois règnes dans les usages de la vie, les arts et métiers et les manufactures*. Paris. 7. ([December]) [general]  
1839a. Sur une nouvelle espèce de lépidoptère appartenant au genre *Papilio*. *Annales de la Société entomologique*

- de France 8(1/2): 91-94, pl. 8, fig. 1 (after June) [general; *P. duponcheli*; Argentina]
- 1839b. Pieride, *Pieris*, pp. 1-12. In: Guérin, F.-E. (Ed.), *Dictionnaire pittoresque...* Paris. 8. ([8 April]) [general]
- 1846-[47]a. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris. 8: 359 (*Morpho*), 584 (*Nathalis*), 623 (*Nerias*) ([14 December] 1846), 655 (*Nimula*), 704 (*Nymphalides*) ([18 January 1847]), 705 (*Nymphidium*) ([6 February 1847]) [general; Neotropics]
- 1847b. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris. 9: 515 (*Pavonia*), 619-620 (*Peridromia*), 620 (*Péridromides*) [general; Neotropics]
- 1847c. In: D'Orbigny, C. D. (Ed.), *Dictionnaire Universel d'Histoire Naturelle*. Paris. 10: 65 (*Phyllophasis*), 160 (*Pieridae*) [general; morphology]
- [1851-52]a. *Papillons*. In: Chenu, J. C. (Ed.), *Encyclopédie d'Histoire Naturelle ou traité complet de cette Science, d'après les travaux des naturalistes les plus éminents de tous les pays et de toutes les époques Buffon, Daubenton, Lacépède, de Cuvier, F. Cuvier, Geoffroy Saint-Hilaire, Latreille, de Jussieu, Brongniart, etc., etc. Ouvrage résumant les observations des auteurs anciens et comprenant toutes les découvertes modernes jusqu'à nos jours*. Paris, Marescq et Compagnie; Gustave Havard. 1(1): 1-56, pls. 1-6, figs. (1851), (2): 57-112, pls. 7-12, figs. (1851), (3): 113-160, pls. 13-20, figs. (1851), (4): 161-216, pls. 21-26 (1851), (5): 217-272, pls. 27-32, figs. (early 1852), (6): 273-310, pls. 33-40, figs. (early 1852) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Neotropics]
- 1852b-53. Description de nouvelles espèces de lépidoptères appartenant aux collections entomologiques du Musée de Paris. *Revue et Magasin de Zoologie pure et appliquée* (2)4(3): 128-141 (March 1852), (4): 189-198 (April 1852), (6): 290-300 (June 1852), (7): 324-343 (July 1852), (9): 422-432, pl. 10 (September 1852); (2)5(7): 310-322 (July 1853) [general; *Papilio cacicus*, *P. sadalus*, *P. eurydorus*, *P. phryneus*, *P. phronius*, *P. zeuxis*, *P. bochus*, *P. orbignyanus*, *P. gayi*, *P. neodamas*, *Euterpe caesarea*, *E. notha*, *E. hebra*, *E. cora*, *E. telasco*, *E. semiramis*, *E. modesta*, *E. sebennica*, *Leptalis beroe*, *L. lewyi*, *L. euryope*, *L. foedora*, *L. kollari*, *Pieris caesia*, *P. peruviana*, *P. erota*, *P. stamnata*, *P. eleusis*, *P. helena*, *P. xanthodice*, *Gonepteryx terissa*, *Terias zelia*, *Peridromia arete*, *P. mexicana*, *P. arinome*; Mexico, West Indies, South America]
1854. Note sur une nouvelle espèce de lépidoptère appartenant au genre *Leptalis*, de Dalman. *Annales de la Société entomologique de France* (3)2: 51-57, pl. 3, figs. 1-1a. [general; *L. fortunata*; Mexico]
- [1857]a. *Lepidópteros*, pp. 202-313, pls. Articulata (Insecta) 14-17. In: Sagra, R. de la (Ed.), *Historia física política y natural de la Isla de Cuba. Segunda Parte. Historia natural. Tomo VII. Crustáceos, aragnides e insectos*. Paris, Arthus Bertrand. [4] + iv + xxxii + 371 pp.; Atlas, 20 pls. ("1856", after October [1857]) [a French edition in 8<sup>o</sup>: Paris, Arthus Bertrand. lxxxvii + 868 pp.; Atlas, 20 pls. (Lepidoptera, pp. 474-750, pls. 14-17), published on [24 October] 1857 apparently antedates slightly the Spanish edition (cf. Aguayo, J., 1946, *Memorias de la Sociedad cubana de Historia natural "Felipe Poey"* 18(2): 153-184)] [general; new species: *Terias arabella*, *Megalura poeyi*, *Apatura theodora*, *Haetera diaphana*, *Thecla marius*, *T. paseo*, *T. aon*, *T. celida*, *T. tollus*, *Lycaena theonus*, *L. ammon*, *L. astenidas* (*astenida* in Spanish ed.), *Eudamus santiago*, *E. habana*, *E. batabano*, *E. sumadue*, *E. capucinus*, *E. trinidad* (*trinidad* in Spanish ed.), *E. san-antonio*, *E. maysi*, *E. xagua* (*jagua* in Spanish ed.), *Thanaos velasquez* (*velasquez* on index of Spanish ed.), *T. potrillo*, *T. zarucco* (*jarucco* and *jaruco* in Spanish ed.), *Hesperia alameda*, *H. misera*, *H. baracca*, *H. radians*; life histories; behavior; ecology]
- 1857b-[1859]. *Animaux nouveaux ou rares, recueillis pendant l'expédition dans les parties centrales de l'Amérique du Sud, de Rio de Janeiro a Lima et de Lima au Pará; exécutée par ordre du gouvernement français pendant les années 1843 a 1847 sous la direction du Comte Francis de Castelnau*. *Entomologie*. Paris, P. Bertrand. 3: 204 pp., 17 pls. [Lepidoptera, pp. 197-199 ([10 October 1859], pls. 1-2 ([30 November] 1857))] [general; new species: *Papilio phaeton*, *P. oedippus*, *P. eupatorion*; Brazil]
- 1867a. [A note]. *Bulletin de la Société entomologique de France* (4)6(4): lix (20 April) [*Morpho* sp.; French Guiana]
- 1867b. [A note]. *Bulletin de la Société entomologique de France* (4)7(3): lvii (11 December) [*Morpho cypris* Westwood; Colombia]
- 1868a. Note sur le mâle du *Morpho hecuba*, lépidoptère de la section des achalinoptères et de la tribu des morphides. *Annales de la Société entomologique de France*(4)7(4): 659-664 (8 April) [French Guiana]
- 1868b. [A note]. *Bulletin de la Société entomologique de France* (4)8(1): v-vi (24 June) [*Papilio duponcheli* Lucas; Paraguay]
1870. Note sur le *Papilio marchandii*. *Annales de la Société entomologique de France* (4)9(4): 532 (13 April) [Mexico, Guatemala]
1881. Quelques remarques sur les *Euryades corethrus* et *duponcheli* lépidoptères achalinoptères de la tribu des papilionides. *Annales de la Société entomologique de France* (6)1(2): 219-230 (12 October) [Argentina]
1883. [A note]. *Bulletin des Séances de la Société entomologique de France* 1883(10): 87-88 (4 June) [also in *Bulletin de la Société entomologique de France* (6)3(2): lxxv-lxxvi (31 October)] [*Papilio homerus* Fabricius; Jamaica]
- Ludwig, Daniel**  
1985. See Shelly, T. E. & D. Ludwig, 1985.
- Lübeck, Gert Marcos, José Vargas de Oliveira and Raul Porfirio de Almeida**  
1995. Análise faunística de lepidópteros coletados em duas comunidades agrícolas na zona da Mata Norte de Pernambuco. *Anais da Sociedade entomológica do Brasil* 24(2): 353-370, 6 tabs. (August) [*Audre campestris* (Bates), *Nyctelius nyctelius* (Latreille); Brazil]
- Lück, Rudolf**  
1930. Die Variabilität von *Heliconius thelxiope* Hbn. in Franz. Guyana. *Internationale entomologische Zeitschrift* 24(32): 337-341 (22 November) [general]
- Lück, Rudolf, and Bruno Gehlen**  
1915a. Zwei Neubeschreibungen. *Internationale entomologische Zeitschrift* 8(36): 205, pl. 1 (27 March) [*Morpho rhetenor* form *cacica* Staudinger ♀; Peru]  
1915b. Ueber die verschiedenen Formen von *Morpho rhetenor* Cr. *Internationale entomologische Zeitschrift* 9(6): 30-31 (19 June) [general; Surinam, Brazil, Peru]
- Lüderwaldt, Hermann** [1865-1934]  
1909. Sobre a vida e a caça de insectos em bromeliáceas. *O Entomologista brasileiro* (São Paulo) 2(4): 105-106 (April) [*Dynastor darius* Fabricius; host plant; Brazil]

1910. Insektenleben auf dem Campo Itatiaya. *Zeitschrift für wissenschaftliche Insektenbiologie* 6(6/7): 231-235 (15 July) [general; Brazil]
1915. Insekten- und sonstiges Tierleben an brasilianischen Bromeliacen. *Zeitschrift für wissenschaftliche Insektenbiologie* 11(3/4): 78-84 (31 March) [general; larvae, imagines; ecology]
- Lüderwaldt, Hermann, and José Pinto da Fonseca**
1922. A ilha dos Alcatrazes. *Revista do Museu paulista* 13: 439-512, 1 pl. ([29 December]) [general; Brazil]
- Lugo, Carmen Rita**
1997. See Johnson, K. D. & C. R. Lugo, 1997.
- Luis, Moisés Armando**
1986. See Llorente, J. E. et al., 1986.
1987. See Llorente, J. E. & M. A. Luis, 1987.
1988. See Llorente, J. E. & M. A. Luis, 1988.
1990. See Llorente, J. E. et al., 1990.
1991. See Vargas, I. et al., 1991.
- 1992a. See Llorente, J. E. et al., 1992.
- 1992b. See Llorente, J. E. & M. A. Luis, 1992.
- 1993a. See Llorente, J. E. & M. A. Luis, 1993.
- 1993b. See Llorente, J. E. et al., 1993.
- 1993c. See Peterson, A. T. et al., 1993.
- 1994a. See Vargas, I. et al., 1994.
- 1994b. See Llorente, J. E. & M. A. Luis, 1994.
- 1996a. See Vargas, I. et al., 1996a.
- 1996b. See Warren, A. D. et al., 1996.
- 1996c. See Llorente, J. E. et al., 1996a.
- 1996d. See Llorente, J. E. et al., 1996b.
- 1996e. See Llorente, J. E. et al., 1996c.
- 1996f. See Vargas, I. et al., 1996b.
1997. See Llorente, J. E. et al., 1997.
- 1998a. See Warren, A. D. et al., 1998.
- 1998b. See Llorente, J. E. & M. A. Luis, 1998.
1999. See Vargas, I. et al., 1999.
- 2001a. See Bizuet, Y. et al., 2001.
- 2001b. See Monteagudo, D. et al., 2001.
- 2001c. See Díaz-Batres, M. E. E. et al., 2001.
- 2003a. See Ochoa, L. et al., 2003.
- 2003b. See Pozo, M. del C. et al., 2003.
- 2004a. See Michán, L. et al., 2004.
- 2004b. See Salinas, J. L. et al., 2004.
- 2004c. See Llorente, J. E. et al., 2004.
- 2005a. See Underwood, D. L. A. et al., 2005.
- 2005b. See Pozo, M. del C. et al., 2005.
- 2005c. See Soberón, J. et al., 2005.
- 2005d. See Salinas, J. L. et al., 2005.
- 2006a. See Oñate, L. et al., 2006.
- 2006b. See Llorente, J. E. et al., 2006a.
- 2006c. See Vargas, I. et al., 2006.
- 2006d. See Llorente, J. E. et al., 2006b.
- 2007a. See Austin, G. T. et al., 2007b.
- 2007b. See Callaghan, C. J. et al., 2007.
- 2007c. See Warren, A. D. & M. A. Luis, 2007.
- 2008a. See Vargas, I. et al., 2008.
- 2008b. See Hernández, B. C. et al., 2008a.
- 2008c. See Hernández, B. C. et al., 2008b.
- 2008d. See Pozo, M. del C. et al., 2008.
- 2008e. See Warren, A. D. et al., 2008a.
2009. See Luna, M. de las M. et al., 2009.
- 2010a. See Luna, M. de las M. et al., 2010.
- 2010b. See Hernández-Baz, F. et al., 2010.
- 2011a. See Callaghan, C. J. et al., 2011.
- 2011b. See Fera, T. P. et al., 2011.
2012. See Luna, M. de las M. et al., 2012.
- 2013a. See León, J. L. et al., 2013.
- 2013b. See Vargas, I. et al., 2013.
- 2013c. See Callaghan, C. J. et al., 2013.
- 2013d. See Monteagudo, D. & M. A. Luis, 2013.
- 2013e. See Llorente, J. E. et al., 2013.
- 2014a. See Llorente, J. E. et al., 2014.
- 2014b. See Figueroa, A. L. et al., 2014.
- 2014c. See Monteagudo, D. et al., 2014.
- 2014d. See Álvarez, H. et al., 2014.
- 2014e. See Pozo, M. del C. et al., 2014.
- 2014f. See Sánchez, A. et al., 2014.
- 2015a. See Trujano, M. et al., 2015.
- 2015b. See López-Palafox, T. G. et al., 2015.
- 2015d. See Nakahara, S. et al., 2015c.
- 2015e. See Salinas, J. L. et al., 2015.
- 2016a. See Vargas, I. et al., 2016a.
- 2016b. See Vargas, I. et al., 2016b.
- 2016c. See Molina, A. et al., 2016.
- 2016d. See Jasso, J. M. et al., 2016.
2017. See García, J. et al., 2017.
- 2018a. See Trujano, M. et al., 2018.
- 2018b. See Warren, A. D. et al., 2018.
- 2018c. See Arellano, A. et al., 2018.
- 2019a. See Nieves, S. et al., 2019a.
- 2019b. See Vilorio, Á. L. & M. A. Luis, 2019.
- 2019c. See Novelo, E. et al., 2019.
- 2019d. See Arellano, A. et al., 2019.
- Luis, Moisés Armando, Arturo Arellano and Jorge Enrique Llorente**
2017. Papilionoidea (Insecta: Lepidoptera) type specimens at the Museo de Zoología "Alfonso L. Herrera" from Universidad Nacional Autónoma de México. *Zootaxa* 4232(2): 151-172, 36 figs. (16 February) [general]
- Luis, Moisés Armando, Blanca Claudia Hernández, Marysol Trujano, Andrew David Warren, José Luis Salinas, Omar Ávalos, Isabel Vargas and Jorge Enrique Llorente**
2016. Avances faunísticos en los Papilionoidea (Lepidoptera) *sensu lato* de Oaxaca, México. *Southwestern Entomologist* 41(1): 171-224, 2 figs., 2 tabs. (March) [general]
- Luis, Moisés Armando, and Jorge Enrique Llorente**
1990. Mariposas en el Valle de México: Introducción e Historia 1. Distribución local y estacional de los Papilionoidea de la Cañada de los Dinamos, Magdalena Contreras, D. F. México. *Folia entomologica mexicana* 78: 95-198, 15 figs., 5 tabs. (6 August) [general; host plants]
1993. *Mariposas*, pp. 307-385, 89 figs., 4 tabs. In: Luna, I. & J. E. Llorente (Eds.), *Historia Natural del Parque Ecológico Estatal Omiltemi, Chilpancingo, Guerrero, México*. México, Universidad Nacional Autónoma de México (November) [general]
- Luis, Moisés Armando, Jorge Enrique Llorente and Isabel Vargas**
1992. Redescubrimiento de *Paramacera copiosa* en la Sierra Madre del Sur, Guerrero, México (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 3(2): 115-117, 6 figs. ([18] December)
- 1996a. Distribución geográfica, estacionalidad y comportamiento de *Diaethria asteria* (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 7(1)(1): 39-44, 7 figs., 2 tabs. (25 June) [Mexico]
- 2003a. *Nymphalidae de México I (Danainae, Apaturinae, Biblidinae y Heliconiinae): Distribución geográfica e ilustración*. México, Universidad Nacional Autónoma de México. [ix] + 249 pp., 30 pls., figs., 5 tabs., 124 maps (August) [general]
2005. *Una megabase de datos de mariposas y la*

- regionalización biogeográfica de México, pp. 269-294, 18 figs., 4 tabs. In: Llorente, J. E. & J. J. Morrone (Eds.), *Regionalización biogeográfica en Iberoamérica y tópicos afines. Primeras Jornadas Biogeográficas de la Red Iberoamericana de Biogeografía y Entomología Sistemática (RIBES XII.-CYTED)*. México, D.F., Universidad Nacional Autónoma de México (April) [general]
- Luis, Moisés Armando, Jorge Enrique Llorente, Isabel Vargas and Ana Lilia Gutiérrez**
2000. *Síntesis preliminar del conocimiento de los Papilionoidea (Lepidoptera: Insecta) de México*, pp. 275-285, 4 tabs. In: Martín-Piera, F., J. J. Morrone & A. Melic (Eds.), *Hacia un Proyecto CYTED para el Inventario y Estimación de la Diversidad Entomológica en Iberoamérica: PRIBES 2000*. Zaragoza, Sociedad Entomológica Aragonesa. [general]
- Luis, Moisés Armando, Jorge Enrique Llorente, Isabel Vargas and Fernando Hernández-Baz**
- 2011a. *Mariposas diurnas Papilionoidea y Hesperioidea (Insecta: Lepidoptera)*, pp. 339-354 + 1-29, 1 fig., 5 tabs. In: Cruz, A. (Ed.), *La biodiversidad en Veracruz: Estudio de estado*. México, D.F., Comisión Nacional para el Conocimiento y Uso de la Biodiversidad. Vol. 2. [general; Mexico]
- Luis, Moisés Armando, Jorge Enrique Llorente, Isabel Vargas and María del Carmen Pozo**
2010. *Nymphalidae de México III (Nymphalinae): Distribución geográfica e ilustración*. México, Universidad Nacional Autónoma de México. [ix] + 195 pp., 21 pls., 3 figs., 5 tabs., 84 maps (22 November) [general]
- Luis, Moisés Armando, Jorge Enrique Llorente, Isabel Vargas and Andrew David Warren**
- 2003b. Biodiversity and biogeography of Mexican butterflies (Lepidoptera: Papilionoidea and Hesperioidea). *Proceedings of the entomological Society of Washington* 105(1): 209-224, 4 tabs., 3 maps (13 January) [general]
- Luis, Moisés Armando, Jorge Enrique Llorente, Andrew David Warren and Isabel Vargas**
2004. *Lepidópteros: Papilionoideos y hesperioideos*, pp. 335-355, 1 fig., 6 tabs. In: García-Mendoza, A. J., M. J. Ordóñez & M. Briones-Salas (Eds.), *Biodiversidad de Oaxaca*. México, D.F., Universidad Nacional Autónoma de México, Instituto de Biología. [general; Mexico]
- Luis, Moisés Armando, José Luis Salinas and Jorge Enrique Llorente**
- 2011b. *Papilionoidea y Hesperioidea (Lepidoptera: Rhopalocera)*, pp. 363-391, 3 figs., 6 tabs. In: Álvarez, F. (Ed.), *Chiapas. Estudios sobre su riqueza biológica*. México, Universidad Nacional Autónoma de México, Instituto de Biología. [general]
- Luis, Moisés Armando, Marysol Trujano, Jorge Enrique Llorente and Isabel Vargas**
2006. *Patrones de distribución de las subfamilias Danainae, Apaturinae, Biblidinae y Heliconiinae (Lepidoptera: Nymphalidae)*, pp. 771-865, 144 figs., 5 tabs. In: Morrone, J. J. & J. E. Llorente (Eds.), *Componentes bióticos principales de la entomofauna mexicana*. México, Universidad Nacional Autónoma de México. (September) 2. [general]
- Luis, Moisés Armando, Isabel Vargas and Jorge Enrique Llorente**
1991. Lepidopterofauna de Oaxaca I: Distribución y fenología de los Papilionoidea de la Sierra de Juárez. *Publicaciones especiales del Museo de Zoología. Facultad de Ciencias. Universidad nacional autónoma de México* 3: [4] + iv + 119 pp., 18 figs., 9 tabs. [general]
- 1996b. Síntesis de los Papilionoidea (Lepidoptera: Rhopalocera) del Estado de Veracruz. *Folia entomologica mexicana* 93: 91-133, 5 tabs. (30 August) [general; Mexico]
2000. *Mariposas de las áreas montanas del sur de la Cuenca de México*, pp. 187-202, 4 figs. In: Velázquez, A. & F. J. Romero (Eds.), *Biodiversidad de la Región de Montaña del Sur de la Cuenca de México*. México, Universidad Autónoma Metropolitana. [general; host plants; distribution; conservation]
- Lukens, Laura**
2019. See Cariveau, A. B. et al., 2019.
- Lukhtanov, Vladimir Alexandrovich**
1991. [Evolution of the karyotype and system of higher taxa of the Pieridae (Lepidoptera) of the world fauna]. [In Russian]. *Entomologicheskoe Obozrenie* 70(3): 619-641, 3 figs., 2 tabs. [translated into English in *Entomological Review* 71(6): 57-82 (January 1993)] [general]
2000. See Stekolnikov, A. A. et al., 2000.
2013. See Talavera, G. et al., 2013.
2014. Chromosome number evolution in skippers (Lepidoptera, Hesperioidea). *Comparative Cytogenetics* 8(4): 275-291, 1 tab. (14 November) [general; Neotropics]
2016. See Sahoo, R. K. et al., 2016.
2018. See McClure, M. et al., 2018.
2019. Two types of highly ordered micro- and macrochromosome arrangements in metaphase plates of butterflies (Lepidoptera). *Comparative Cytogenetics* 13(1): 19-25, 2 figs. (14 January) [*Forbestra olivencia* (Bates), *Oleria gunilla serdolis* (Haensch), *Godyris dircenna* (C. Felder & R. Felder); Peru]
- Lukhtanov, Vladimir Alexandrovich, and Yaroslava Iashenkova**
2019. Linking karyotypes with DNA barcodes: proposal for a new standard in chromosomal analysis with an example based on the study of Neotropical Nymphalidae (Lepidoptera). *Comparative Cytogenetics* 13(4): 435-449, 21 figs., 1 tab. (17 December) [general; Peru]
- Luna, Cándido, Yecenia Bracho and María Eugenia Elsa Díaz-Batres**
- 2003b. *Papilionoidea (Insecta: Lepidoptera) de Ahuehuepan, Guerrero*, pp. 817-821, 1 fig., 1 tab. In: Romero, J., E. G. Estrada & A. Equihua (Eds.), *Entomología mexicana* 2. México, Sociedad mexicana de Entomología. [general; Mexico]
- Luna, Cándido, Jaime Díaz, Víctor Manuel Domínguez and Cesario Catalán**
2012. *Papilionoidea (Insecta: Lepidoptera) de la zona alta de Taxco de Alarcón, Guerrero*, pp. 1137-1141, 1 fig., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(2). México, Sociedad mexicana de Entomología. [general; Mexico]
- Luna, Cándido, Ulises Martínez, Susana Uribe, María Eugenia Elsa Díaz-Batres and Víctor Manuel Domínguez**
- 2003a. *Papilionoidea (Insecta: Lepidoptera) de dos localidades de la región norte de Guerrero*, pp. 811-816, 2 figs., 1 tab. In: Romero, J., E. G. Estrada & A. Equihua (Eds.), *Entomología mexicana* 2. México, Sociedad Mexicana de Entomología. [general; Mexico]
- Luna, Cándido, Natividad Sánchez, Víctor Manuel**

- Domínguez, Ulises Martínez and Cesario Catalán**  
2009. *Papilionoidea (Insecta: Lepidoptera) de Mayanalan, Municipio de Tepecoauilco de Trujano, Guerrero*, pp. 161-165, 2 figs., 2 tabs. In: Estrada, E. G., A. Equihua, M. P. Chaires, J. A. Acuña, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 8. México, Sociedad mexicana de Entomología. [general; Mexico]
- Luna, Cándido, Erika Trinidad, Ulises Martínez and Cesario Catalán**  
2008. *Papilionoidea (Insecta: Lepidoptera) del Municipio de Cocula, Guerrero, México*, pp. 1030-1033, 1 fig., 1 tab. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 7. México, Sociedad mexicana de Entomología. [general]
- Luna, Cándido, Nelly Valladares, Víctor Manuel Domínguez and Cesario Catalán**  
2013. *Papilionoidea (Insecta: Lepidoptera) de Agua Escondida, Taxco de Alarcón, Guerrero*, pp. 1634-1638, 2 figs., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(2). México, Sociedad mexicana de Entomología. [general; Mexico]
- Luna, Delia J.**  
2016. See Hernández-Baz, F. et al., 2016b.
- Luna, Hugo**  
2015. See Rivera, M. A. et al., 2015.
- Luna, Isolda**  
[2004]. See Contreras-Medina, R. et al., [2004].
- Luna, Iván G.**  
2010. See Santos, A. et al., [2010].
- Luna, José**  
2007. See Bertorelli, M. et al., 2007.
- Luna, Laura**  
2003. See Ramírez, M. I. et al., 2003.
- Luna, Leonardo H., and Abel Hernández**  
2013. Mariposas diurnas (Lepidoptera: Rhopalocera) de Cayo Caguanes (Parque Natural Caguanes), Sancti Spiritus, Cuba. *Boletín de la Sociedad entomológica aragonesa* 52: 226-228, 2 tabs. (30 June) [general]
- Luna, María G.**  
2004. See Sánchez, N. E. & M. G. Luna, 2004.
- Luna, María G., and Norma E. Sánchez**  
1999a. Parasitoid assemblages of soybean defoliator Lepidoptera in north-western Buenos Aires province, Argentina. *Agricultural and Forest Entomology* 1(4): 255-260, 1 fig., 3 tabs. (November) [*Colias lesbia* (Fabricius); host plant]  
1999b. Composición específica y abundancia de la comunidad de lepidópteros defoliadores de la soja en el noroeste de Buenos Aires, Argentina. *Revista de la Sociedad entomológica argentina* 58(3/4): 67-75, 7 figs. (December) [*Colias lesbia* (Fabricius); host plant]
- Luna, María de las Mercedes**  
2008. *Riqueza específica de Papilionoidea (Lepidoptera) en El Tepehuaje, Municipio de Juan R. Escudero, Guerrero*, pp. 1020-1025, 2 figs. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 7. México, Sociedad mexicana de Entomología. [general; Mexico]  
2017. See Flores, I. & M. de las M. Luna, 2017.  
2019. See Arellano, A. et al., 2019.
- Luna, María de las Mercedes, and Jorge Enrique Llorente**  
2004. *Papilionoidea (Lepidoptera: Rhopalocera) de la Sierra Nevada, México*. *Acta zoológica mexicana* (N. S.) 20(2): 79-102, 7 figs., 6 tabs. (August) [general]
- Luna, María de las Mercedes, Jorge Enrique Llorente and Moisés Armando Luis**  
2009. *Papilionoidea de la Sierra de Huautla, Morelos y Puebla, México (Insecta: Lepidoptera)*. *Revista de Biología tropical* 56(4): 1677-1716, 12 figs., 6 tabs. ("December 2008", 2009) [general]
- Luna, María de las Mercedes, Jorge Enrique Llorente, Moisés Armando Luis and Isabel Vargas**  
2010. Composición faunística y fenología de las mariposas (Rhopalocera: Papilionoidea) de Cañón de Lobos, Yautepac, Morelos, México. *Revista mexicana de Biodiversidad* 81(2): 315-342, 7 figs., 3 tabs. (August) [general]
- Luna, María de las Mercedes, Moisés Armando Luis, Isabel Vargas and Jorge Enrique Llorente**  
2012. Mariposas del estado de Morelos, México (Lepidoptera: Papilionoidea). *Revista mexicana de Biodiversidad* 83(3): 623-666, 2 figs., 5 tabs. (October) [general]
- Luna-Castellanos, Florencio**  
2016. See Barranco-León, M. de las N. et al., 2016.
- Luna-Esquivel, Gregorio**  
2019. See Cham, A. K. et al., 2019.
- Lunau, Klaus**  
2012. See Blut, C. et al., 2012.
- Lund, Nell M., Emily E. Cwengros and Ronald R. Rutowski**  
2002. Sexual dimorphism in eye morphology in *Eucheira socialis* (Pieridae). *Journal of the Lepidopterists' Society* 55(2): 74-77, 2 figs. (15 February) [behavior; Mexico]
- Lung, A.**  
1963. See Simón, J. E. et al., 1963.
- Lunz, Alexandre Mehl**  
2003. See Nadai, J. de et al., 2003.  
2004. See Trevisan, H. et al., 2004.  
2016. See Monteiro, E. da S. et al., 2016.
- Lunz, Alexandre Mehl, Lindáuea Alves de Souza and Walkymário de Paulo Lemos**  
2006. Reconhecimentos dos principais insetos-praga do maracujazeiro. *Documentos Embrapa* 245: 1-36, 11 figs. (December) [*Dione juno* (Cramer), *Agraulis vanillae* (Linnaeus); host plant; Brazil]
- Luo, Li-Feng**  
2004a. See Li, Z.-G. et al., 2004a.  
2004b. See Li, Z.-G. et al., 2004b.  
2005a. See Li, Z.-G. et al., 2005a.  
2005b. See Li, Z.-G. et al., 2005b.  
2006a. See Zhang, L.-L. et al., 2006a.  
2006b. See Zhang, L.-L. et al., 2006b.
- Luo, Li-Fun**  
2002. See Li, L.-Y. et al., 2002.
- Lupoli, Roland**  
2016. See Lamarre, G. P. A. et al., 2016a.
- Luque, Jesús Emilio**  
1994. See Rodríguez, C. L. et al., 1994.  
1996a. See Rodríguez, C. L. et al., 1996a.  
1996b. See Rodríguez, C. L. et al., 1996b.  
1998. See Duarte, H. W. et al., 1998.
- Luquet, Gérard-Christian**  
1995. Les publications scientifiques de Vladimir Nabokov. *Europe* (Paris) 73(791): 144-151. [general]  
1988. [*Analyse et interprétation des textes de Rösel*]. In: Rösel von Rosenhof, A. J., *Les insectes*. Paris, Editions Citadelles. [496] pp., 288 + 2 pls., figs. (15 September) [general; history]
- Luquet, Gérard-Christian, Danièle Bonora and Claude Caussanel**  
1991. A. J. Rösel von Rosenhof, miniaturiste et lépidoptériste du XVIIIe siècle, un précurseur de l'entomologie

- moderne. *Alexandor* 16(8): 451-507, figs. (28 February) [general; history]
- Lushai, Gugs**  
 2002. See Smith, D. A. S. et al., 2002.  
 2005. See Smith, D. A. S. et al., 2005.
- Lushai, Gugs, John A. Allen, Dave Goulson, Norman MacLean and David A. S. Smith**  
 2005b. The butterfly *Danaus chrysippus* (L.) in East Africa comprises phylogenetic, sympatric lineages that are, despite behavioural isolation, driven to hybridization by female-biased sex ratios. *Biological Journal of the Linnean Society* 86(1): 117-131, 3 figs., 6 tabs. (September) (published online 24 August) [*Danaus eresimus* (Cramer), *D. gilippus* (Cramer); Cayman Islands]
- Lushai, Gugs, David A. S. Smith, Dave Goulson, John A. Allen and Norman MacLean**  
 2003. Mitochondrial DNA clocks and the phylogeny of *Danaus* butterflies. *Insect Science and its Application* 23(4): 309-315, 1 fig., 2 tabs. (October-December) [*D. eresimus* (Cramer), *D. gilippus* (Cramer); Cayman Islands]
- Lushai, Gugs, Myron Phillip Zalucki, David A. S. Smith, Dave Goulson and Greg Daniels**  
 2005a. The lesser wanderer butterfly, *Danaus petilia* (Stoll 1790) stat. rev. (Lepidoptera: Danainae), reinstated as a species. *Australian Journal of Entomology* 44(1): 6-14, 3 figs., 5 tabs. (4 February) [general; distribution; Neotropics]
- Lushine, Jolene**  
 2003. See Oberhauser, K. S. et al., 2003.
- Lutinski, Junir Antonio**  
 2019. See Bordin, S. M. S. et al., 2019.
- Lutman, Richard A.**  
 2010. See Miller, S. E. & R. A. Lutman, 2010.
- Lutz, Adolfo [1855-1940], Heráclides Cesar de Souza Araújo and Olympio Ribeiro da Fonseca Filho**  
 1918. Viagem científica no Rio Paraná e a Assuncion com volta por Buenos Aires, Montevideo e Rio Grande. *Memórias do Instituto Oswaldo Cruz* 10(2): 104-173, pls. 20-75 [*Libythea*; Brazil]
- Lutz, Adolfo, and Alfonso Splendore**  
 1901. Ueber Pebrine und verwandte Mikrosporidien. Ein Beitrag zur Kenntnis der brasilianischen Sporozoen. *Centralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten* (1)33(2): 150-157, figs. 1-12 (5 January) [general; eggs, larvae, pupae; host plants]  
 1904. Ueber Pebrine und verwandte Mikrosporidien (Nachtrag zur ersten Mitteilung. Bd. xxxiii. No. 2 p. 150 ff.). *Centralblatt für Bakteriologie, Parasitenkunde und Infektionskrankheiten* (1)36(5): 645-650, pls. 1-2, figs. 13-28 [general; larvae, pupae, imagines; host plants; Brazil]
- Lutz, Frank Eugene [1879-1943]**  
 1912. Butterfly hunting in many lands: Notes of a field naturalist. By Geo. B. Longstaff. 1912. *Science* 35(906): 748-749 (10 May) [general; book review]  
 1933. "Invisible" colors of flowers and butterflies. *Natural History* (New York) 33(6): 565-576, figs. (November-December) [*Prepona buckleyana* Hewitson, *Agrias sardanapalus* Bates]
- Lutz, Leonardo Vanderlei**  
 2004. See Endringer, F. B. et al., 2004.
- Luy, Udo**  
 1994a. See Bálint, Z. & U. Luy, 1994a.  
 1994b. See Bálint, Z. & U. Luy, 1994b.  
 [1994]c. *Lycaeniden Bibliographie* 1993. Rattelsdorf, Author. 180 pp. [general]
1995. *Lycaeniden Bibliographie* 1994. Rattelsdorf, Author. [i] + 291 pp. [general]
1997. *Lycaeniden Bibliographie* 1995. Band 3. Rattelsdorf, Author. [2] + 265 pp. [general]
1998. *Lycaeniden Bibliographie* 1996. Rattelsdorf, Author. [2] + 271 pp. [general]
- Lydekker, Richard [1849-1915]**  
 1916. *Wild Life of the World. A descriptive survey of the geographical distribution of animals*. London, Frederick Warne and Co. 2: xii + 440 pp., 39 pls., figs. [general]
- Lyman, Henry Herbert [1854-1914]**  
 1899. Dimorphism and polymorphism in butterflies. *Canadian Record of Science* 8(1): 24-35 [*Megonostoma helena* Reakirt]
- Lynch, Ryan L.**  
 2010. See Greeney, H. F. et al., 2010.
- Lynch, S. P.**  
 1984. See Brower, L. P. et al., 1984.
- Lyon, Jonathan**  
 1990. See Horwich, R. H. & J. Lyon, 1990.
- Lyons, Justine I., Amanda Ashley Pierce, Seth M. Barribeau, Eleanore D. Sternberg, Andrew J. Mongue and Jacobus C. de Roode**  
 2012. Lack of genetic differentiation between monarch butterflies with divergent migration destinations. *Molecular Ecology* 21(14): 3433-3444, 5 figs., 4 tabs. (July; published online 11 May) [*Danaus plexippus* (Linnaeus); Mexico]
- Lyra, Mariana Lúcio**  
 2009. See Silva-Brandão, K. L. et al., 2009.

# M

## Ma, Dongna

2017. See Zhao, Q. et al., 2017.

## Ma, EnBo

2008. See Zhang, M. et al., 2008.

## Ma, Junye

2017. See Su, C.-Y. et al., 2017.

## Maassen, J. Peter [1810-1890]

1890. See Weymer, G. & J. P. Maassen, 1890.

## Mabilde, Adolfo Pompilio [1859-1910]

1896. *Borboletas do Estado do Rio Grande do Sul. Guia prática para os principiantes colleccionadores de insectos contendo a descripção fiel de perto de 1000 borboletas com 280 figuras lythographadas em tamanho, formas e dezenhos conforme o natural. Estudo sobre a vida de insectos do Rio Grande do Sul e sobre a caça, classificação e a conservação de uma collecção, mais ou menos regular.* Pôrto Alegre, Typographia Gundlach & Schuldt. 240 pp., 24 pls. [general; host plants; larvae, pupae, imagines; numerous errors in spelling, authorship and classification; Brazil]

## Mabille, Paul [1835-1923]

1875. [Quelques diagnoses d'hespériens]. *Bulletin des Séances de la Société entomologique de France* 1875(24): 249-250 (22 December) [also in *Bulletin de la Société entomologique de France* (5)5(4): ccxiii-ccxv (26 April 1876)] [general; new species: *Thymele albimargo*, *Scelothrix trisignatus*; Panama, Colombia, Chile]

1876a. Diagnoses d'hespériens nouveaux. *Bulletin des Séances de la Société entomologique de France* 1876(6): 55-58 (31 March) [also in *Bulletin de la Société entomologique de France* (5)6(1): liv-lvii (11 October)] [*Pterygospidea latreilliana*; Brazil]

1876b. Sur la classification des hespériens avec la description de plusieurs espèces nouvelles. *Annales de la Société entomologique de France* (5)6(2): 251-274 (11 October) [general]

1876c. Diagnoses d'hespériens nouveaux. *Bulletin des Séances de la Société entomologique de France* 1876(21): 211-212 (17 November), (22): 225-229 (30 November) [also in *Bulletin de la Société entomologique de France* (5)6(4): cxvii-ccii (9 May 1877)] [*Hymele* [sic] *hydarnes*, *Erycides grandimacula*, *Leucochitonea scintillans*, *Achlyodes argyrospila*, *A. cyclops*, *Anisochoria* (new genus) *polysticta*, *A. oligosticta*; Brazil, French Guiana, Colombia, Guatemala]

1877a. Diagnose d'hespérides. *Petites Nouvelles entomologiques* 2(167): 114 (1 March) [new species: *Carystus hypoxanthos*, *Mycteris* (new genus) *caerula*, *Pythonides deyrollei*, *Achlyodes haematites*; French Guiana, Colombia, Brazil]

1877b. [Diagnoses de nouvelles espèces d'hespérides]. *Bulletin des Séances de la Société entomologique de France* 1877(4): 49-50 (6 March), (5): 67-68 (22 March) [also in *Bulletin de la Société entomologique de France* (5)7(1): xxxix-xl (11 July)] [*Eudamus virescens*, *E. concinnus*, *Nisoniades cupreus*; French Guiana, Brazil]

1877c. Descriptions de lépidoptères nouveaux du groupe des hespérides. *Petites Nouvelles entomologiques* 2(179): 161-162 (1 September) [*Pyrrhopyga semidentata*, *P. luteizona*, *Telegonus megalurus*, *T. anthracinus*, *T. (?)*

*albociliatus*, *Eurypterus gigas*; Peru, Mexico, Colombia, Panama, Guatemala]

1877d. Diagnoses de lépidoptères nouveaux du groupe des hespérides. *Petites Nouvelles entomologiques* 2(180): 165-166 (15 September) [*Telemiades lurideolus*, *T. littera*, *T. inops*, *T. hyacinthinus*, *Camptopleura theramenis*; Brazil, Peru]

1878a. Descriptions de lépidoptères nouveaux du groupe des hespérides. *Petites Nouvelles entomologiques* 2(188): 197-198 (15 January) [*Camptopleura iphicrates*, *Antigonus dichrous*, *A. excisus*, *A. incisus*, *A. corrosus*, *A. variegatus*; French Guiana, Brazil]

1878b. Diagnoses de lépidoptères nouveaux du groupe des hespérides. *Petites Nouvelles entomologiques* 2(189): 201-202 (1 February) [(no genus) *epicaste*, *Leucochitonea pulverea*, *Spioniades clinias*, *Ancistrocampta anchialus*, *Proteides pauper*, *P. merenda*; Brazil, French Guiana, Colombia]

1878c. Descriptions de lépidoptères nouveaux du groupe des hespérides. *Petites Nouvelles entomologiques* 2(190): 205 (15 February) [*Carystus argyrocoryne*, *C. argyris*; Brazil]

1878d. Descriptions de lépidoptères nouveaux de la famille des hespérides. *Petites Nouvelles entomologiques* 2(196): 229-230 (15 May), (197): 233-234 (1 June), (198): 237-238 (15 June) [(no genus) *alcandra*, (no genus) *phylo*, (no genus) *pullata*, (no genus) *tetra*, (no genus) *hilarina*, (no genus) *punctum*, *Cyclosemia fissimacula*, *C. anastomosis*, *Pythonides leucaspis*, *Pamphila ophites*, *P. phormio*, *P. sulfurina*, *P. tyro*, *P. heterospila*; West Indies, Mexico, South America]

1878e. Catalogue des hespérides du Musée Royal d'Histoire Naturelle de Bruxelles. *Annales de la Société entomologique de Belgique* 21(1): 12-36 (22 June) [general; new taxa: tribe Pyrrhopygini, *Pyrrhopyga menecrates*, *P. perplexus*, *P. pseudognetus*, *P. menechmus*, *P. sosia*, *P. fallax*, *Hyalothyris*, *Dicranaspis*, *Antigonus excisus*, *Ectomis adoxa*, *Thracides salius* variety *trimacula*; Neotropics]

1878f. Description de lépidoptères nouveaux de la famille des hespérides. *Petites Nouvelles entomologiques* 2(199): 242 (1 July), (204): 261 (15 September) [*Pamphila lyco*, *P. vetula*, *P. caerulans*, *P. lento*, *P. humeralis*, *Pythonides grandis*; Peru, Brazil]

1878g. Catalogue des hespérides du Musée Royal d'Histoire Naturelle de Bruxelles [continued]. *Annales de la Société entomologique de Belgique* 21(2): 37-44 (29 October) [general; new species: *Ancyloxipha radiola*, *Cyclopides frater*; Peru, Bolivia]

1880. [A note]. *Bulletin des Séances de la Société entomologique de France* 1880(6): 62 (5 April) [also in *Bulletin de la Société entomologique de France* (5)10(1): xlvi (9 June)] [new species: *Erycides spurius*, *E. decolor*]

1883. Description d'hespérides. *Annales de la Société entomologique de Belgique* 27: li-lxxviii ([May]) [general; new species: *Erycides thermus*, *E. valgus*, *Thymele nucula*, *T. maneros*, *Telegonus rotundatus*, *Eurypterus peruvianus*, *Camptopleura ebenus*, *Nisoniades australis*, *Anastrus subviolaceus*, *A. stigmaticus*, *A. varius*, *A. perfidus*, *Leucochitonea nivella*, *Cecropterus sulfureolus*, *C. zonilis*,



- Pyrrhopyga sothis*, *P. orbis*, *Proteides volesus*, *P. philodanus*, *P. porius*, *P. orius*, *Carystus grandipuncta*, *C. lepte*, *C. salenus*, (no genus) *sporus*, *Cobalus atramentarius*, *C. nigrifulus*, *C. vetulus*, *C. evanidus*, *C. renulus*, *Pamphila lemur*, *P. trisema*, *P. antarctica*, *P. dryops*, *P. nicomedes*, *P. rolla*, *Hesperia melangon*, *H. coeliginosa*, *H. giselus*, *H. philippus*, *Pythonides contubernalis*, *P. assecla*, *Anisochoria sublimbata*; South America and Panama]
1885. Diagnoses de lépidoptères nouveaux. *Bulletin de la Société philomathique de Paris* (7)9(2): 55-70 (after 16 May) [*Neosatyris hahnii*, *Erebia patagonica*, *Chionobas antarcticus*, *Lycaena patago*; Argentina]
- 1888a. Lépidoptères, pp. 1-35, pls. 1-3. In: *Mission scientifique du Cap Horn. 1882-1883. Zoologie*. Paris, Gauthier-Villars et fils. 6. (15 February) [general]
- 1888b. Diagnoses de lépidoptères (hespérides) nouveaux. *Le Naturaliste* (2)2(26): 77-78, 5 figs. (1 April), (27): 98-99, 5 figs (15 April), (28): 108-109, 5 figs. (1 May) [*Erycides mazares*, *E. maximus*, *E. perillus*, *Eudamus leucites*, *E. calenus*, *E. megaeles*, *E. callias*, *E. clevas*, *E. metallescens*, *E. leucogramma*, *E. glaphyrus*, *E. talthybius*; Central America, West Indies, Brazil, Colombia, Venezuela]
- 1888c. Description de lépidoptères (hespérides) nouveaux. *Le Naturaliste* (2)2(31): 146-148, 7 figs. (15 June), (33): 169-171, 9 figs. (15 July), (34): 180-181, 3 figs. (1 August) [*Plestia* (new genus) *staudingeri*, *Augiades atinas*, *Telegonus erythras*, *T. gildo*, *T. galesus*, *T. glarus*, *Thymele grullus*, *Telegonus heras*, *T. dexo*, *T. evathlus*, *T. mithras*, *T. gallius*, *Thymele virgatus*, *T. eudemus*, *T. viridans*, *T. fulviluna*, *T. neobulus*, *T. eudicus*, *T. euphronius*; Guatemala, Brazil, Peru, Panama, Venezuela]
- 1888d. Diagnoses de lépidoptères nouveaux. *Le Naturaliste* (2)2(38): 221, 4 figs. (1 October), (39): 242, 5 figs. (15 October), (40): 254-255, 6 figs. (1 November), (41): 265-266, 2 figs. (15 November), (42): 275, 2 figs. (1 December) [*Lignyostola pemphigargyra*, *Nisoniades petale*, *Anastrus eugramma*, *Telemiades misitheus*, *T. megallus*, *Leucochitonea chalybs*, *L. orbigera*, *Anisochoria albida*, *Ephyriades palica*, *E. xantholeuce*, *Pythonides polla*, *P. subornatus*, *Nerula nautes*, *N. abbreviata*, *N. pelia*, *Cyclosemia albata*, *C. parus*, *Pachyneuria obscura*, *Plesioneura lamus*; Central America, Brazil, Peru, Argentina, Venezuela]
- 1889a. Diagnoses de lépidoptères nouveaux. *Le Naturaliste* (2)3(44): 14, 2 figs. (1 January), (45): 25, 3 figs. (15 January), (48): 59, 2 figs. (1 March), (49): 67-68, 2 figs. (15 March), (51): 99, 4 figs. (15 April), (53): 127, 2 figs. (15 May), (54): 133-134, 2 figs. (1 June), (55): 144-145, 2 figs. (15 June), (57): 173-174, 4 figs. (15 July), (61): 216-217, 4 figs. (15 September), (62): 239, 3 figs. (1 October) [*Plesioneura jao*, *Ancistrocampta amyus*, *Praxis quadrata*, *Achlyodes orsus*, *A. oclus*, *Telegonus advena*, *Erycides perissographus*, *Pythonides zonula*, *Achlyodes impressus*, *Heteropia* (new genus) *imitatrix*, *Proteides myna*, *P. modius*, *P. subcordatus*, *P. viridiceps*, *P. chiriquensis*, *P. martius*, *Pamphila niveolimbus*, *P. epiberus*, *P. citrus*, *P. berus*, *P. sagitta*, *P. sethos*, *P. bipunctata*, *Thymelicus bicolor*, *Achlyodes amaurus*, *Garga olena*, *Hemipteris fumida*, *Pellicia bilinea*, *Arteurotia biternata*, *A. meno*, *Antigonus unifascia*, *Achlyodes* (?) *anomala*, *Pythonides narycus*; Mexico, Central and South America]
- 1889b. [Un genre nouveau de lépidoptères]. *Bulletin des Séances de la Société entomologique de France* 1889(2): ix-x ([9 February]) [also in *Bulletin de la Société entomologique de France* (6)9(1): ix-x (11 September)] [*Enosis dognini*, *E. simplex*, *E. atrata*, *E. quadrinotata*; Ecuador, Venezuela, Colombia, Panama]
- 1889c. [Description de quelques hespérides nouvelles de genre *Pamphila*]. *Bulletin des Séances de la Société entomologique de France* 1889(9): lxxxiv-lxxxv ([18 May]) [also in *Bulletin de la Société entomologique de France* (6)9(2): lxxxiv-lxxxv (31 October)] [*P. fulgens*; Venezuela]
- 1889d. [Quelques espèces nouvelles de hespérides du genre *Butleria*]. *Bulletin des Séances de la Société entomologique de France* 1889(9): xci-xciii ([18 May]) [also in *Bulletin de la Société entomologique de France* (6)9(2): xci-xciii (31 October)] [*B. quadristiga*, *B. riza*, *B. polydesma*, *B. dognini*; Ecuador, Venezuela]
- 1889e. [Diagnoses de lépidoptères (hespérides) nouveaux]. *Bulletin des Séances de la Société entomologique de France* 1889(18): clxxxiii-clxxxiv ([5 October]) [also in *Bulletin de la Société entomologique de France* (6)9(3): clxxxiii-clxxxiv (22 January 1890)] [*Dis* (new genus) *annulatus*; Panama]
- 1889f. Lépidoptères, pp. 139-159, pls. 10-11. In: Lebrun, M. (Ed.), *Recherches sur les insectes recueillis pendant la mission chargée d'observer à Santa-Cruz de Patagonie le passage de Venus. Nouvelles Archives du Muséum d'Histoire naturelle* (Paris) (3)1(2): 97-160, pls. 9-11. [general; Chile, Argentina]
1891. Description d'hespérides nouvelles. *Annales de la Société entomologique de Belgique* 35: lix-lxxxviii (after 7 February), cvi-cxxi (after 7 March), clxviii-clxxxvii (after 5 April) [*Erycides xanthothrix*, *Goniarus* [sic] *pilger*, *Thymele anthius*, *Telcmiades* (sic) *hybridus*, *Leucochitonea fuscescens*, *L. chaeremon*, *Antigonus coecatus*, *A. cupreiceps*, *Anastrus subchalybeus*, *Steropes tripunctatus*, *Pythonides nolckeni*, *P. lusorius*, *Achlyodes halidus*, *A. autander*, *A. besa*, *Narga* (new genus) *chiriquensis*, *N. vidius*, *N. scopas*, *Pterygospidea extensa*, *Cyclopides metius*, *C. celeus*, *Butleria polydesma*, *B. quadristiga*, *B. riza*, *Pellicia violacea*, *Cecropterus electrus*, *C. dhega*, *C. integrifascia*, *Eurypterus haber*, *E. later*, *Cobalus chrysochrysus*, *C. stigmula*, *C. ludens*, *C. illudens*, *Phlyobodes storax*, *P. seriatus*, *Ancyloxipha xanthina*, *Alera* (new genus) *furcata*, *Proteides hundurensis*, *P. radiatus*, *P. laurens*, *P. cicus*, *P. hyas*, *P. argyrostactos*, *P. ampyx*, *P. midia*, *P. milo*, *P. stilio*, *P. caeso*, *Plesiocera* (new genus) *filipalpis*, *Pyrrhopyga persela*, *P. cardus*, *P. hyleus*, *P. thericles*, *P. pallens*, *P. erythrosoma*, *P. aurora*, *P. alburna*, *P. imitator*, *Nyctus* (new genus) *crinitus*, *Carystus superbiens*, *C. periphias*, *C. dyscritus*, *C. hebon*, *C. lysiteles*, *C. quadrum*, *C. paculla*, *C. abalus*, *C. metanira*, *C. vividus*, *C. marsa*, *C. abaris*, *C. micon*, *C. epidius*, *C. hypargus*, *C. maeon*, *C. furcifer*, *Pamphila leptosema*, *P. holomelas*, *P. gagatina*, *P. integra*, *P. subsordida*, *P. puxillius*, *P. derisor*, *P. edda*, *P. asema*, *P. ochroneura*, *P. parilis*, *P. voranus*, *P. xenarchus*, *P. misius*, *P. insularis*, *P. meton*, *P. trebius*, *P. suffenas*, *P. iheringii*, *P. valo*, *P. vala*, *P. nubila*, *P. astur*, *P. cleochares*, *P. oblinita*, *P. actor*, *P. agassus*, *P. amyrra*, *P. binaria*, *P. hycsos*, *P. portensis*, *P. flaveola*, *P. insidiosa*, *P. rivula*; Neotropics]
1895. Description de quelques hespérides nouvelles. *Bulletin de la Société entomologique de France* 1895(4): lv-lxx (February) [*Anastrus platypterus*, *A. polyaenus*, *Achlyodes cyrna*, *A. accedens*, *Nisoniades angulosus*, *Proteides severus*, *P. severinus*, *P. antus*, *P. andricus*; Colombia, Panama, Brazil, French Guiana]
1898. Description de lépidoptères nouveaux. *Annales de la*

- Société entomologique de France* 66(2/3): 182-231, pl. 9 (April) [general; *Murgaria leucophrys*, *Cogia helenus*, *C. troilus*, *Entheus cramerianus*, *E. sirius*, *E. dius*, *Pythonides parallelus*, *P. adamantinus*, *P. cordus*, *Pellicia criton*, *P. violella*, *Cyclosemia metallica*, *C. myris*, *C. gratiosa*, *Echelatus diversus*, *Carrhenes andraemon*, *Diphoridas silvia*, *Gorgythion beggina*, *Paches phalaena*, *Achlyodes triangulus*, *Anisochoria superior*, *A. minorella*, *Ebrietas undulatus* variety *evanidus*, *E. livius*, *Eantis agylla*, *Butleria virius*, *B. gelus*, *B. genes*, *B. tcidas*, *B. monospila*, *B. cyprius*, *B. cupavia*, *B. geon*, *B. scylla*, *B. syrisca*, *B. saleca*, *B. grovius*, *B. gaujoni*, *B. merula*, *B. granites*, *B. boliviensis*, *B. morva*, genus *Falga*, *Pamphila psyllus*, *P. exclamationis*, *P. subgrisea*, *P. chao*, *P. xenos*, *P. mendica*, *P. amblyspila*, *P. crassinota*, *P. anna*; Panama, South America]
1900. Description d'un hespéride nouvelle (Lep.). *Bulletin de la Société entomologique de France* 1900(11): 230 (June) [*Eudamus biolleyi*; Costa Rica]
1902. Description d'un genre et d'une espèce nouvelle d'hespéride de l'Equateur (Lep.). *Bulletin de la Société entomologique de France* 1902(9): 179-181 (6 June) [*Dichelura tricuspadata*]
- 1903-04. Lepidoptera Rhopalocera. Fam. Hesperidae. *Genera Insectorum* 17a: 1-78 ([21 September] 1903), 17b: 79-142 ([April] 1904), 17c: 143-182 ([13 May] 1904), 17d: 183-210, pls. 1-4 ([27 August] 1904) [general; new taxa: *Pyrrhopyge decipiens*, *P. lades*, *Amenis brasiliensis*, *Metardaris*, *Granila*, *Croniades*, *Myscelus illustris*, *M. pegasus*, *Eudamus myrto*, *E. loxo*, *Epargyreus arsaces*, *E. barisses*, *E. b.* variety *tmolus* (*tuolus* [sic]), *E. b.* variety *busiris*, *Telegonus alpistus*, *T. pheres*, *T. siges*, *Physalea*, *Aethilla subviolacea*, *Cocceius syloson*, *Mionectes*, *Marela*, *Dichelura*, *Pythonides gellius*, *Ate aequatoria*, *Paches narycus*, *Pellicia pericles*, *Pyrdalus*, *Sebaldia*, *Camptopleura cataphanes*, *Cycloglypha* (new genus) *caeruleonigra*, *Haemactis*, *Miltomiges*, *Bolla*, *Charidia*, *Heliopetes concinnata*, *Melanthes*, *Dalla*, *Stomyles gallio*, *S. pupillatus*, *Synapte*, *Sarega* (new genus) *staurus*, *Psoralis* (new genus) *sabaeus*, *Asbolis*, *Aella*, *Pyrrhocalles*, *Serdis* (new genus) *flagrans*, *Trioedusa* (new genus) *milvius*, *Arotis* (new genus) *sirene*, *Synale*, *Zenida*, *Oenides*, *Chloeria*, *Thracides joannisii*, *T. phidonides*, subfamily Megathyminae; Neotropics]
1906. Description d'une hespéride. *Bulletin de la Société entomologique de France* 1906(6): 67-68 (March) [*Chaerephon bouletii*; Peru]
1909. Note sur l'*Hesperia iphinous* Latr. (Lep. Hesperidae). *Bulletin de la Société entomologique de France* 1909(19): 334-335 (22 December) [general; new species: *Mimoniades mimetes*; Brazil]
1912. Fam. Hesperidae. Subfam. 1: Pyrrhopyginae. *Lepidopterorum Catalogus* 9: 3-18 (14 October) [general]
- Mabille, Paul, and Eugène Boulet**
1908. Essai de révision de la famille des hespérides. *Annales des Sciences naturelles (Zoologie)* (9)7(4/6): 167-207, pls. 13-14 (October) [general; new taxa: *Pyrrhopyge melanomerus*, *P. kelitha* variety *tristis*, *P. croceimargo*, *P. mendax*, *P. rubricor*, *P. fleximargo*, *P. pseudohadassa*, *Amenis ambigua*, *A. proxima*, *Mysoria decolor*, *M. cayennae*, *Yanguna aspilos*, *Y. staudingeri* variety *cometides*, *Jemadia umbrata*, *J. azeta* variety *melanina*, *J. suzetta*, *J. listetta*, *J. lecerfi*, *Nosphistia*, *Sarbia damippe*, *S. catomelaena*, *S. hegesippe*, *Mimoniades punctiger*, *M. minthe* variety *egena*; Neotropics]
1912. Essai de révision de la famille des hespérides. *Annales des Sciences naturelles (Zoologie)* (9)16(1/4): 1-159, 2 pls. (November) [general; new taxa: *Pyrrhopygopsis crates*, *P. fulvicrus*, *P. cleantes* variety *aspiplota*, *Phocides palaemon* variety *unimacula*, *Tarsoctenus bivittatus*, *T. rufibasis*, *Epargyreus haitensis*, *Telegonus anaphus* varieté *anaphides*, *Physalea sororcula*, *Protogenes* (new genus) *affinis*, *Thymele telegonoides*, *Calliades* (new genus) *rhacoces*, *Telemiades perseus*, *T. diores*, *T. d.* variety *obscurus*, *T. purpurascens*, *T. aberrans*, *T. acutipennis*, *Cecropterus reflexus*, *Heronia*, *Nascus adrastor*, *N. diaphorus*, *Ablepsis guyanensis*, *Murgaria albociliata* variety *nigrociliata*; Neotropics]
1916. Description d'hespérides nouveaux (Lep. Hesperinae, Sect. B). *Bulletin de la Société entomologique de France* 1916(15): 243-247 (13 November) [*Arteurotia contractipennis*, *Celaenorrhinus eligius* variety *insidiosus*; Venezuela, Brazil]
- 1917a. Description d'hespérides nouveaux (Lep. Hesperinae, Sect. B). *Bulletin de la Société entomologique de France* 1916(20): 320-325 (24 January) [*Pythonides caeruleus*, *P. vivinus*, *P. paterculus* form *concolor*, *P. mimus*, *Ate lerina* variety *lata*, *A. l.* aberration *coloerens*, *A. crameri*, *Pellicia maura*, *P. criton*, *P. bromias* variety *clara*, *P. b.* variety *nigra*, *P. ruda*, *P. rhamses*, *Cyclosemia lineatopunctata*, *Echelatus heros*, *E. punctatus*; Panama, South America]
- 1917b. Description d'hespérides nouveaux (Lep.). *Bulletin de la Société entomologique de France* 1917(1): 54-60 (14 February) [*Mylon lassia* variety *illineatus*, *M. l.* variety *albofuscus*, *M. l.* variety *parvus*, *M. melander* variety *albescens*, *M. ozema* aberration *brunnea*, *M. o.* variety *extincta*, *Carrhenes callierges*, *Achlyodes nigropiceus*, *A. amaurus*, *A. gambrus*, *Milanion parvus*, *M. tenuis*, *M. pilumnus*, *M. p.* variety *hemestinus*, *M. p.* variety *albidior*, *M. marcianna* variety *laticor*, *Eantis peruvianus*, *Systasea atrivirgula*, *Ebrietas minor*, *E. leucophaea*, *E. morio*; Neotropics]
- 1917c. Description d'hespérides nouveaux (Lep. Hesperinae, Sect. B). *Bulletin de la Société entomologique de France* 1917(4): 97-101 (28 March) [*Camptopleura iphicrates* variety *cincta*, *Cycloglypha tisis* variety *lucida*, *Diphoridas palpalis* variety *albescens*, *D. godmani*, *Anisochoria albida* variety *bimaculata*, *Theagenes brunneofusca*, *T. b.* variety *uniformis*, *Bolla nigerrima*, *Paramimus scurra* variety *stigmoides*, *P. s.* variety *latemaculatus*, *P. s.* variety *angustimaculatus*, *P. s.* variety *evanescentes*, *Charidia lucaria* variety *sulphurea*, *Atarnes sallei* variety *angustimarginata*, *Zopyrion sandace* variety *disrupta*, *Pholisora pirus* variety *semicaeca*, *Gindanes truncata* variety *obscurascens*; Central and South America]
1919. Essai de révision de la famille des hespérides. *Annales des Sciences naturelles (Zoologie)* (10)2(4/6): 199-258 (March) [general; new taxa: *Aethilla rufonigra*, *Caecina columbica*, *Hydraenomia eurus*, *Paradros phoenicoides*, *P. plotzi*, *Lignystola crinis* variety *bicolor*, *Hyalothyrsus mimicus*, *Plagiothyrsus*, *Entheus aequatorius*, *E. gentius* variety *laticor*; Neotropics]
- Mabille, Paul, and Paul Vuillot**
- 1890-95. *Novitates lepidopterologicae*. Paris, Paul Vuillot. 1: 1-8, pl. 1 (September 1890); 2: 9-15, pl. 2 (November 1890); 3: 17-23, pl. 3 (15 January 1891); 4: 25-33, pl. 4 (15 March 1891); 5: 35-40, pl. 5 (25 May 1891); 6: 41-48, pls. 6-7 (15 August 1891); 7: 49-58, pls. 8-9 (15 March 1892); 8: 59-62, pl. 10 (10 June 1892); 9: 63-89, pls. 11-12 (1 August 1892); 10: 91-104, pls. 13-14 (25 April 1893); 11: 107-134, pls. 15-18 (15 December 1893); 12: 135-161, pls. 19-22 (25 January 1895) [general; new species: *Goniurus cinereus*, *G. latipennis*; Central and South America]

- McAlpine, Wilbur Samuel** [1888-1977]  
 1971. A revision of the butterfly genus *Calephelis* (Riodinidae). *Journal of Research on the Lepidoptera* 10(1): 1-125, 26 figs. ("March", [before 21 December]) [general; new taxa: *C. nemesis bajaensis*, *C. laverna trinidadensis*, *C. mexicana*, *C. sixola*, *C. perditalis donahuei*, *C. sinaloensis*, *C. s. nuevoleon*, *C. dreisbachi*, *C. stallingsi*, *C. matheri*, *C. huasteca*, *C. montezuma*, *C. acapulcoensis*, *C. azteca*, *C. yucatan*, *C. maya*, *C. wellingi*, *C. w. baleuensis*, *C. sacapulas*, *C. clenchi*, *C. browni*, *C. schausi*, *C. guatemala*, *C. inca*, *C. tapuyo*, *C. aymaran*, *C. braziliensis*, *C. burgeri*; Neotropics]
- MacArthur, Kenneth**  
 1971. See Neidhoefer, J. R. & K. MacArthur, 1971.  
 1975. Monarch reigns supreme. *National Wildlife* 14(1): 42-45, figs. ([November]) [*Danaus plexippus* (Linnaeus); ecology; Mexico]
- McAuslane, Heather J.**  
 2004. *Mimicry*, pp. 1419-1422, fig. 646. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 2. [Ed. 2, 2008] [general]
- McChesney, Michael M.**  
 1986. See Seiber, J. N. et al., 1986.
- McClay, Alec S., Benigno Gómez, Carlos Rommel Beutelspacher and M. Tracy Johnson**  
 2010. *First survey for Miconia calvescens and its natural enemies in southern Mexico*, pp. 1-11, 8 figs., 1 tab. In: Loope, L. L., J.-Y. Meyer, B. D. Hardesty & C. W. Smith (Eds.), *Proceedings of the International Miconia Conference*. Manoa, University of Hawaii. [*Euselasia*, Lycaenidae; host plant]
- McClure, Melanie**  
 2019a. See Arias, M. M. et al., 2019.  
 2019b. See Stamm, P. et al., 2019.
- McClure, Melanie, Mathieu Chouteau, Bernard Angers and Marianne Elias**  
 2014. The development and characterization of polymorphic microsatellite loci for the genus *Melinaea* (Nymphalidae, Ithomiini). *Conservation Genetics Resources* 6(4): 891-893, 2 tabs. (December; published online 6 June) [Peru]
- McClure, Melanie, Corentin Clerc, Charlotte Desbois, Aimilia Meichanetzoglou, Marion Cau, Lucie Bastien-Héline, Javier Bacigalupo, Céline Houssin, Charlinne Pinna, Bastien Nay, Violaine Llaurens, Serge Berhier, Christine Andraud, Doris Gómez and Marianne Elias**  
 2019a. Why has transparency evolved in aposematic butterflies? Insights from the largest radiation of aposematic butterflies, the Ithomiini. *Proceedings of the royal Society of London (B)* 286(1901)(20182769): 1-19, 3 figs., 4 tabs. (17 April) [general; Peru]
- McClure, Melanie, Bernard Dutrillaux, Anne-Marie Dutrillaux, Vladimir Alexandrovich Lukhtanov and Marianne Elias**  
 2018. Heterozygosity and chain multivalents during meiosis illustrate ongoing evolution as a result of multiple holokinetic chromosome fusions in the genus *Melinaea* (Lepidoptera, Nymphalidae). *Cytogenetic and Genome Research* 153(4): 213-222, 8 figs., 2 tabs. (April; published online 2 March) [general; Peru]
- McClure, Melanie, and Marianne Elias**  
 2016. Unravelling the role of host plant expansion in the diversification of a Neotropical butterfly genus. *BMC evolutionary Biology* 16(128): 1-7, 6 figs., 1 tab. (published online 16 June) [*Melinaea*; Peru]  
 2017. Ecology, life history, and genetic differentiation in Neotropical *Melinaea* (Nymphalidae: Ithomiini) butterflies from north-eastern Peru. *Zoological Journal of the Linnean Society* 179(1): 110-124, 4 figs., 5 tabs. (1 January; published online 11 May 2016) [general; host plants]
- McClure, Melanie, Louiza Mahrouche, Céline Houssin, Monica Monllor, Yann Le Poul, Brigitte Frérot, Alexandra Furtos and Marianne Elias**  
 2019b. Does divergent selection predict the evolution of mate preference and reproductive isolation in the tropical butterfly genus *Melinaea* (Nymphalidae: Ithomiini)? *Journal of Animal Ecology* 88(6): 940-952, 4 figs., 4 tabs. (June; published online 15 March) [general; Peru]
- McCluskey, Ronald**  
 1978. [A letter]. *News of the Lepidopterists' Society* 1978("3", [4]): 6 ("May-June", [July-August]) [*Caligo memnon* (Felder & Felder), *Smyrna karwinskii* Geyer; Mexico]
- McCool, Brian A.**  
 1992. See Lee, C. S. et al., 1992.
- McCorkle, David V.**  
 1996. See Hammond, P. C. & D. V. McCorkle, 1996.  
 2017. See Hammond, P. C. & D. V. McCorkle, 2017.
- McCoshum, Shaun M., Shannon L. Andreoli, Carl M. Stenoien, Karen Suzanne Oberhauser and Kristen A. Baum**  
 2016. Species distribution models for natural enemies of monarch butterfly (*Danaus plexippus*) larvae and pupae: distribution patterns and implications for conservation. *Journal of Insect Conservation* 20(2): 223-237, 11 figs., 1 tab. (April; published online 18 March) [predators; parasitoids; Mexico]
- McCoy, Earl D.**  
 1983. *Sugarcane (Caña)*, pp. 106-109, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [*Brassolis isthmia* Bates; Costa Rica]
- McCrae, Angus Wilson Ritchie** [1932-2004]  
 1977. The Dictionary of Butterflies and Moths in Colour, by Eric Laithwaite, Allan Watson and Paul E. S. Whalley. *Entomologist's monthly Magazine* 112(1344/1347): 138 (31 August) [book review; *Enantia licinia* (Cramer)]
- McCrary, Jeffrey K.**  
 2010. See Dort, J. van & J. K. McCrary, 2010.
- McCulloch, Kyle Joseph**  
 2014. See Martin, A. et al., 2014.  
 2017. See Macías-Muñoz, A. et al., 2017.
- McCulloch, Kyle Joseph, Daniel Osorio and Adriana Darielle Briscoe**  
 2016. Sexual dimorphism in the compound eye of *Heliconius erato*: a nymphalid butterfly with at least five spectral classes of photoreceptor. *Journal of Experimental Biology* 219(15): 2377-2387, 7 figs., 1 tab. (1 August) [morphology; Costa Rica]
- McCulloch, Kyle Joseph, Furong Yuan, Ying Zhen, Matthew Lee Aardema, Gilbert Smith, Jorge Enrique Llorente, Peter Andolfatto and Adriana Darielle Briscoe**  
 2017. Sexual dimorphism and retinal mosaic diversification following the evolution of a violet receptor in butterflies. *Molecular Biology and Evolution* 34(9): 2271-2284, 7 figs., 1 tab. (1 September; published online 15 May) [*Heliconius*, *Eueides*]
- McCully, James E.**  
 1994. See Salas, M. D. et al., 1994.
- McCully, James E., and Manuel Dario Salas-Araiza**  
 1992. *Seasonal variation in populations of the principal insects causing contamination in processing broccoli and cauliflower in central Mexico*, pp. 51-56, 4 figs., 3 tabs. In: Talekar, N. S. (Ed.), *Diamondback moth and other crucifer pests*. Taipei, Asian Vegetable Research and

- Development Center. [*Artogeia rapae* (Linnaeus), *Leptophobia aripa* (Boisduval); host plants]
- McDermott, James R.**  
2009. *Phyciodes pallelescens* (R. Felder, 1869) in Texas (Nymphalidae: Nymphalinae). *News of the Lepidopterists' Society* 51(4): 116-117, 125, 4 figs. (5 December) [Mexico]
- MacDonald, John R.**  
2008. An almost forgotten field observation on *Morpho cypris*. *News of the Lepidopterists' Society* 50(3/4): 90 [Panama]  
2018. See Nakahara, S. et al., 2018c.
- MacDonald, Kimberley E., and Stanley Caveney**  
2004a. Unusual life history characteristics of *Elachertus scutellatus* Howard (Hymenoptera: Eulophidae), a koinobionic ectoparasitoid. *Environmental Entomology* 33(2): 227-233, 1 fig. (April) [*Calpodus ethlius* (Stoll); host plants]  
2004b. External morphology and development of immature stages of *Elachertus scutellatus* (Hymenoptera: Eulophidae) in Florida: The first North American record. *Florida Entomologist* 87(4): 559-565, 2 figs. (December) [*Calpodus ethlius* (Stoll); host plants; parasitoid]
- MacDougal, John Mochrie** [1954- ]  
1988. *Passiflora eglandulosa*, a new species in section *cieca* (Medikus)DC. formerly included with *P. trinifolia* Masters. *Annals of the Missouri botanical Garden* 75(4): 1658-1662, 3 figs. [*Heliconius hortense* (Guérin); host plant; Guatemala]  
1989a. *Passiflora citrina*, a new species in section *xerogona* (Passifloraceae) from Mesoamerica. *Annals of the Missouri botanical Garden* 76(1): 354-356, 1 fig. [*Heliconius charitonius* (Linnaeus); host plant; Honduras]  
1989b. Two new species of *Passiflora* section *decaloba* (Passifloraceae) from Costa Rica. *Annals of the Missouri botanical Garden* 76(2): 608-614, 3 figs. [*Heliconius clysonymus* Latreille; host plant]  
2000. See Gilbert, L. E. & J. M. MacDougal, 2000.
- MacDougal, John Mochrie, and A. Katie Hansen**  
2003. A new section of *Passiflora*, subgenus *Decaloba* (Passifloraceae), from Central America, with two new species. *Novon* 13(4): 459-466, 5 figs. (5 December) [*Eueides lineata* Salvin & Godman; host plants]
- McDowell, Samuel**  
1997. See Ribeiro, B. M. et al., 1997.
- McDunnough, James Halliday** [1877-1962]  
1912a. See Barnes, W. & J. H. McDunnough, 1912.  
1912b. Fam. Megathymidae. *Lepidopterorum Catalogus* 9: 19-22 (14 October) [general]  
1916. See Barnes, W. & J. H. McDunnough, 1916.
- Mace, Georgina M.**  
2005. See Mallet, J. L. B. et al., 2005.
- Macedo, Afonso**  
1943. Pelo aumento da produção do coqueiro na Paraíba. *Boletim do Ministério da Agricultura* (Rio de Janeiro) 32(9): 27-44, 4 figs. (September) [*Brassolis sophorae* (Linnaeus); Brazil]
- Macêdo, Margarete Valverde de**  
2000. See Otero, L. S. et al., 2000.  
2006. See Flinte, V. et al., 2006.
- Macedo, Newton**  
1976. Aspectos principais de estudo sobre pragas de Eucalipto. *Comunicação técnica. Projeto de Desenvolvimento e Pesquisa florestal* (Brasília) 4: 1-11 (10 December) [*Euselasia eucerus* (Hewitson), *Pyrrhopyge* sp.; Brazil]
- Macedonia, Joseph M.**  
2006. See Rutowski, R. L. & J. Macedonia, 2006.
2007. See Rutowski, R. L. et al., 2007.
- Macedo-Reis, Luiz Eduardo, Luiz Gustavo Souto Soares, Maurício Lopes de Faria, Mario Marcos do Espírito Santo and José Cola Zanuncio**  
2013. Survival of a lepidopteran defoliator of *Eucalyptus* is influenced by local hillside and forest remnants in Brazil. *Florida Entomologist* 96(3): 941-947, 3 figs., 1 tab. (September) [*Euselasia eucerus* (Hewitson); host plant; parasitoids; predators]
- McElvare, Rowland R.**  
1945. An instance of sonification in Lepidoptera. *Bulletin of the Brooklyn entomological Society* 40(3): 65 (10 September) [*Ageronia fornax* Hübner, *A. feronia* (Linnaeus); Mexico]
- Macfie, John William Scott** [1879-1948]  
1935. A new ceratopogonid (Dipt.) from British Guiana. *Stylops* 4(12): 265 (14 December) [*Catoblepia xanthus* (Linnaeus); ectoparasite]
- McGlynn, Terry**  
2018. Sarapiquí chronicle. A naturalist in Costa Rica. Allen M. Young. 2017. *American Entomologist* 64(1): 61-62, 1 fig. (8 March) [general; book review]
- McGraw, Kevin J.**  
2009. See Meadows, M. G. et al., 2009.  
2018. See Seymoure, B. M. et al., 2018.
- MacGregor, Ian**  
2015. See Ramírez, L. et al., 2015.  
2017a. See Ramírez, L. & I. MacGregor, 2017.  
2017b. See Ramírez, L. et al., 2017.
- MacGregor, Ian, Sergio Avendaño, Víctor M. Bandala, Santiago Chacón, Milton H. Díaz, Fernando González, Francisco Lorea, Juan Martínez, Enrique Montes de Oca, Leticia Montoya, Eduardo Pineda, Lorena Ramírez, Eduardo Rivera, Elsa Utrera and Federico Escobar**  
2015. Multi-taxonomic diversity patterns in a neotropical green city: a rapid biological assessment. *Urban Ecosystems* 18(2): 633-647, 4 figs., 2 tabs. (June; published online 20 August 2014) [general; Mexico]
- MacGregor, Raúl** [1926-1983]  
1969. La représentation des insectes dans l'ancien Mexique. *L'Entomologiste* 25(1/2): 1-8, figs. (April) [*Papilio daunus* Boisduval, *Acentrocne hesperiaris* (Walker)]  
1975. Los insectos y las antiguas culturas mexicanas. Un ensayo etnoentomológico. *Revista de la Universidad de México* 29(6/7): 8-13, figs. (February-March) [*Papilio daunus* Boisduval, *Eucheira socialis* Westwood, *Acentrocne hesperiaris* (Walker)]
- MacGregor, Raúl, and Odile Gutiérrez**  
1983. *Guía de insectos nocivos para la agricultura en México*. México, Editorial Alhambra Mexicana, S. A. 166 pp. (April) [general; host plants]
- McGuire, William Wayne** [1948- ]  
1975. See Kendall, R. O. & W. W. McGuire, 1975.  
1982. Notes on the genus *Hesperia* in Texas: Temporal and spatial relationships. *Bulletin of the Allyn Museum* 73: 1-21, 39 figs. (29 June) [general; Mexico]  
1983. See Brown, J. W. & W. W. McGuire, 1983.  
1984. See Kendall, R. O. & W. W. McGuire, 1984.
- McGuire, William Wayne, and Michael A. Rickard**  
1976. New Hesperiid records for Texas and the United States. *Journal of the Lepidopterists' Society* 30(1): 5-11, 15 figs. (22 April) [general; Mexico]
- Machado, Angelo Barbosa Monteiro** [1934- ]  
1990. See Bernardes, A. T. et al., 1990.  
1997. See Mielke, O. H. H. et al., 1997.
- Machado, Angelo Barbosa Monteiro, Antonio Domingos**

- Brescovit, Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande, Fernando Amaral da Silveira, Fernanda Pires Ohlweiler, Douglas Zeppelin, Mário De Maria and Alfredo Hannemann Wieloch**  
2008. *Panorama geral dos invertebrados terrestres ameaçados de extinção*, pp. 301-493, figs., 3 tabs., maps. In: Machado, A. B. M., G. M. Drummond & A. P. Paglia (Eds.), *Livro vermelho da fauna brasileira ameaçada de extinção*. Brasília, Ministério do Meio Ambiente. Vol. 1. [general; conservation; Brazil]
- Machado, Caio Graco**  
2006. See Colaço, M. Â. da S. et al., 2006.
- Machado, Camila de Oliveira Freitas**  
2012. See Bogiani, P. A. et al., 2012.
- Machado, Celso de Assis**  
1971. See Nakano, O. et al., 1971.
- Machado, Débora Cristina**  
1989. See Iede, E. T. & D. C. Machado, 1989.
- Machado, Glauco**  
2009. See Uehara-Prado, M. et al., 2009.
- Machado, Glauco, and André Victor Lucci Freitas**  
2001. Larval defence against ant predation in the butterfly *Smyrna blomfieldia*. *Ecological Entomology* 26(4): 436-439, 1 fig., 1 tab. (August) [host plant; behavior; Brazil]
- Machado, Iberê Farina**  
2007. See Fleck, T. et al., 2007.
- Machado, Isabel Cristina Sobreira**  
2001. See Quirino, Z. G. M. & I. C. S. Machado, 2001.  
2004. See Teixeira, L. A. G. & I. C. S. Machado, 2004.  
2005. See Santos, M. J. et al., 2005.  
2006. See Carvalho, R. & I. C. S. Machado, 2006.  
2008. See Siqueira Filho, J. A. & I. C. S. Machado, 2008.  
2011. See Araújo, L. D. A. de et al., 2011.  
2014. See Araújo, L. D. A. de et al., 2014.  
2017a. See Borges, L. A. et al., 2017.  
2017b. See Costa, A. C. G. da & I. C. S. Machado, 2017.
- Machado, Isabel Cristina Sobreira, and Marlies Szazima**  
2008. Pollination and breeding system of *Melochia tomentosa* L. (Malvaceae), a keystone floral resource in the Brazilian Caatinga. *Flora (Jena)* 203(6): 484-490, 2 figs., 3 tabs. (1 August) [general; Brazil]
- Machado, Luana Pires**  
2014. See Pinheiro, C. E. G. et al., 2014.
- Machado, Patrícia Avelino**  
2019a. See Shirai, L. T. et al., 2019a.  
2019b. See Rosa, A. H. B. et al., 2019b.
- Machado, Tycho Ottilio de Siqueira** [1894-1955]  
\*1923. Uma oruga do feijão - *Thymele proteus* L. *A Idéia ilustrada* (Niterói) 22: 12. [Brazil]
- Machado, Vera Lígia Letizio**  
1995a. See Vitali, M. J. & V. L. L. Machado, 1995.  
1995b. See Vitali, M. de J. et al., 1995.  
1999. See Vitali, M. de J. et al., 1999.  
2000. See Vitali, M. de J. & V. L. L. Machado, 2000.  
2001. See Vitali, M. de J. & V. L. L. Machado, 2001.  
2006. See Prezoto, F. et al., 2006.  
2009. See Bichara Filho, C. C. et al., 2009.
- McHenry, Paddy B.** [1914-1985]  
1960. A new name for *Papilio orion* Cramer, a preoccupied name in the Hesperidae. *Journal of the Lepidopterists' Society* 13(2): 66 (12 February) [*Typhedanus crameri*]  
1962. The generic, specific and lower category names of the Nearctic butterflies. Part 1 - The genus *Pieris*. *Journal of Research on the Lepidoptera* 1(1): 63-71 ([24] August) [general]  
1963a. The generic,... Part 2 - The genus *Colias*. *Journal of Research on the Lepidoptera* 1(3): 209-221 ("March", [6 April]) [general]  
1963b. Generic or subgeneric names closely related to *Argynnis*. *Journal of Research on the Lepidoptera* 2(3): 229-239 ("November", [30 December]) [general]  
[1965]. The generic,... Part 3 - Argynnids. *Journal of Research on the Lepidoptera* 3(4): 231-268 ("December 1964", [12 August 1965]) [general]  
[1966]. The generic,... Part 4 - The genus *Euptoieta*. *Journal of Research on the Lepidoptera* 4(3): 205-208 ("September 1965", [before 26 July 1966]) [general]  
[1968]. The generic,... Part 5 - The genus *Heliconius*. *Journal of Research on the Lepidoptera* 6(1): 65-68 ("March 1967", [September 1968]) [general]  
[1969]. The generic,... Part 6 - The genus *Dryas*. *Journal of Research on the Lepidoptera* 6(4): 263-265 ("December 1967", [before 9 June 1969]) [general]  
[1970]a. The generic,... Part 7 - The genus *Dryadula*. *Journal of Research on the Lepidoptera* 7(2): 112 ("June 1968", [before 25 February 1970]) [general]  
[1970]b. The generic,... Part 8 - The genus *Agraulis*. *Journal of Research on the Lepidoptera* 7(2): 127-130 ("June 1968", [before 25 February 1970]) [general]
- Machkour-M'Rabet, Salima**  
2015. See Legal, L. et al., 2015.  
2016. See Cavanzón, L. E. et al., 2016.  
2018a. See Jasso, J. M. et al., 2018.  
2018b. See Cavanzón, L. E. et al., 2018.
- Machkour-M'Rabet, Salima, Roxanne Leberger, Jorge Leonel León, Charles Gers and Luc Legal**  
2014. Population structure and genetic diversity of the only extant Baroninae swallowtail butterfly, *Baronia brevicornis*, revealed by ISSR markers. *Journal of Insect Conservation* 18(3): 385-396, 3 figs., 4 tabs. (June; published online 22 June) [host plants; Mexico]
- Macías, Jorge E.**  
1991. *Insectos asociados al arbolado urbano en el Distrito Federal, México*, pp. 245-279, 7 figs., 5 tabs. In: López-Moreno, I. R. (Ed.), *El arbolado urbano de la zona metropolitana de la Ciudad de México*. México, Universidad Autónoma Metropolitana. [*Papilio multicaudatus* Kirby, *Nymphalis antiopa* (Linnaeus); host plants]
- Macías, Rogelio**  
2000. See Cordero, C. R. et al., 2000.  
2005. See Mendoza, L. & R. Macías, 2005.  
2010. See Mendoza, L. & R. Macías, 2010.
- Macías, Samuel** [1876- ]  
1914a. Nota breve sobre la clasificación del gusano blanco de maguey, usado como alimento en la ciudad de México, y sobre la manera de colectarlo. *La Naturaleza* (México) (3)1: 180-182 [*Acentrocne hesperiaris* (Walker); Mexico]  
1914b. Nota acerca de la "llamadora" (*Papilio daunus*), Boisdu., del valle de México. *La Naturaleza* (México) (3)1: 182-184, figs. [larva, pupa, imago; behavior]
- Macías-Muñoz, Aide**  
2013. See Briscoe, A. D. et al., 2013.  
2014. See Smith, G. et al., 2014.  
2016. See Smith, G. et al., 2016.  
2018a. See Smith, G. et al., 2018.  
2018b. See Catalán, A. et al., 2018.
- Macías-Muñoz, Aide, Aline Giselle Rangel-Olguín and Adriana Darielle Briscoe**  
2019. Evolution of phototransduction genes in Lepidoptera. *Genome Biology and Evolution* 11(8): 2107-2124, 6 figs.,

- 2 tabs. (August; published online 12 July) [*Heliconius melpomene* (Linnaeus)]
- Macías-Muñoz, Aide, Kyle Joseph McCulloch and Adriana Darielle Briscoe**
2017. Copy number variation and expression analysis reveals a nonorthologous *pinta* gene family member involved in butterfly vision. *Genome Biology and Evolution* 9(12): 3398-3412, 6 figs., 3 tabs. (1 December; published online 9 November) [*Heliconius melpomene* (Linnaeus)]
- Macías-Rodríguez, Francisco Javier**
2008. See Esparza-Frausto, G. et al., 2008.
- Maciel, Norma Crud**
2000. See Otero, L. S. et al., 2000.
- Maciel, Tatiane Tagliatti**
2016. See Barbosa, B. C. et al., 2016.
- McInnis, Michael Lee** [1953- ]
1982. Report on November collecting trip to Mexico. *Kentucky Lepidopterist* 8(1): 1-2 (March) [general]
- 1986a. A key to the species of *Cyanophrys* (Lycaenidae) which occur in southern Texas and northern Mexico. *Kentucky Lepidopterist* 12(1): 4-5 (February)
- 1986b. Tropical hairstreak collecting. *Kentucky Lepidopterist* 12(2): 4-5 (June) [Lycaenidae; techniques; Mexico, Costa Rica, Trinidad]
- 1986c. The ten commandments (of butterfly collecting in Mexico). *Kentucky Lepidopterist* 12(4): 4 (October)
2015. See Turner, J. D. & M. L. McInnis, 2015.
- McIntyre, Julie**
2019. See Cariveau, A. B. et al., 2019.
- Mackay, Duncan A., and Michael C. Singer**
1982. The basis of an apparent preference for isolated host plants by ovipositing *Euptychia libye* butterflies. *Ecological Entomology* 7(3): 299-303, 4 tabs. (August) [Costa Rica]
- McKenzie, Faustino**
1988. See Smith, D. S. et al., 1988.
- 1991a. See Smith, D. S., L.D. Miller & F. McKenzie, 1991.
- 1991b. See Smith, D. S. et al., 1991.
1994. See Smith, D. S. et al., 1994.
- McKillop, W. Brian, and William Burton Preston**
1981. Vapour degreasing. A new technique for degreasing and cleaning entomological specimens. *Canadian Entomologist* 113(3): 251-253, 6 figs. ("March", [21 April]) [*Morpho didius* Hopffer]
- McKinnon, Jeffrey S.**
2007. See Gray, S. M. & J. S. McKinnon, 2007.
- McLaren, Christine**
1987. Treasures of the Sierra Madre. How a Canadian scientist solved the mystery of monarch migration. *Nature Canada* (Ottawa) 16(4): 30-36, figs. [*Danaus plexippus* (Linnaeus); Mexico]
- McLaughlin, John F.**
2004. See Hellmann, J. J. et al., 2004.
- McLean, Donald James, Gerasimos Cassis, David W. Kikuchi, Gonzalo Giribet and Marie E. Herberstein**
2019. Insincere flattery?: Understanding the evolution of imperfect deceptive mimicry. *Quarterly Review of Biology* 94(4): 395-415, 2 figs., 1 tab. (December) [general]
- McLean, Norman**
2002. See Smith, D. A. S. et al., 2002.
2003. See Lushai, G. et al., 2003.
2005. See Lushai, G. et al., 2005b.
- Macleay, William Sharp** [1792-1865]
1825. [A note]. *Transactions of the Linnean Society of London* 14(3): 584-585 ([31 May]) [gynandromorph *Papilio*; Brazil]
- MacLeod, Ross**
2016. See Whitworth, A. et al., 2016.
- 2018a. See Whitworth, A. et al., 2018a.
- 2018b. See Whitworth, A. et al., 2018b.
- McMahon, Leigh**
2019. See Dickens, J. K. et al., 2019.
- McMillan, William Owen**
- 1996a. See Jiggins, C. D. et al., 1996.
- 1996b. See Mallet, J. L. B. et al., 1996.
- 1997a. See Jiggins, C. D. & W. O. McMillan, 1997.
- 1997b. See Jiggins, C. D., W. O. McMillan & J. L. B. Mallet, 1997.
- 1997c. See Jiggins, C. D., W. O. McMillan, P. King et al., 1997.
1998. See Mallet, J. L. B. et al., 1998.
- 1999a. See Davison, A. et al., 1999.
- 1999b. See Mallet, J. L. B. et al., 1999.
- 2002a. See Beltrán, M. et al., 2002.
- 2002b. See Flanagan, N. S. et al., 2002.
2004. See Flanagan, N. S. et al., 2004.
- 2005a. See Tobler, A. et al., 2005.
- 2005b. See Papanicolaou, A. et al., 2005.
- 2005c. See Jiggins, C. D. et al., 2005b.
- 2006a. See Kapan, D. D. et al., 2006.
- 2006b. See Bull, V. et al., 2006.
- 2006c. See Joron, M. et al., 2006a.
- 2006d. See Joron, M. et al., 2006b.
- 2008a. See Papanicolaou, A. et al., 2008.
- 2008c. See Papa, R. et al., 2008a.
- 2008c. See Baxter, S. W. et al., 2008.
- 2008d. See Reed, R. D. et al., 2008.
2009. See Baxter, S. W. et al., 2009b.
- 2010a. See Baxter, S. W. et al., 2010.
- 2010b. See Counterman, B. A. et al., 2010.
- 2010c. See Quek, S.-P. et al., 2010.
- 2011a. See Merrill, R. M. et al., 2011b.
- 2011b. See Reed, R. D. et al., 2011.
- 2011c. See Hines, H. M. et al., 2011.
- 2012a. See Pardo-Díaz, C. et al., 2012.
- 2012b. See Hines, H. M. et al., 2012.
- 2012c. See Dasmahapatra, K. K. et al., 2012.
- 2012d. See Martin, A. et al., 2012.
- 2012e. See Maroja, L. S. et al., 2012.
- 2012f. See Arias, C. F. et al., 2012.
- 2013a. See Papa, R. et al., 2013.
- 2013b. See Supple, M. A. et al., 2013.
- 2014a. See Hammer, T. J. et al., 2014.
- 2014b. See Nadeau, N. J. et al., 2014.
- 2014c. See Arias, C. F. et al., 2014.
- 2015a. See Supple, M. A. et al., 2015.
- 2015b. See Seymoure, B. M. et al., 2015.
- 2015c. See Huber, B. et al., 2015.
- 2016a. See Wallbank, R. W. R. et al., 2016.
- 2016b. See Arias, C. F. et al., 2016.
- 2016c. See Nadeau, N. J. et al., 2016.
- 2016d. See Martin, S. H. et al., 2016.
- 2017a. See Arias, C. F. et al., 2017.
- 2017b. See Davey, J. W. et al., 2017.
- 2017c. See Dalbosco Dell'Aglio, D. et al., 2017.
- 2017d. See Enciso-Romero, Juan et al., 2017.
- 2017e. See Darragh, K. et al., 2017.
- 2017f. See Mazo-Vargas, A. et al., 2017.
- 2017g. See Van Belleghem, S. M. et al., 2017.
- 2018a. See Thurman, T. J. et al., 2018.
- 2018b. See Van Schooten, B. et al., 2018.
- 2018c. See Van Belleghem, S. M. et al., 2018a.
- 2018d. See Van Belleghem, S. M. et al., 2018b.
- 2018e. See Dell'Aglio, D. D. et al., 2018.
- 2018f. See Seymoure, B. M. et al., 2018.
- 2019a. See Merrill, R. M. et al., 2019.
- 2019b. See Darragh, K. et al., 2019.

- 2019c. See Hanly, J. J. et al., 2019.
- 2019d. See Zhang, W. et al., 2019.
- 2019e. See Edelman, N. B. et al., 2019.
- 2019f. See Concha, C. et al., 2019.
- 2019g. See Thyman, T. J. et al., 2019.
- McMillan, William Owen, Christopher David Jiggins and James Louis Borlase Mallet**
1997. What initiates speciation in passion-vine butterflies? *Proceedings of the national Academy of Sciences of the United States of America* 94(16): 8628-8633, 2 figs., 3 tabs. (5 August) [*Heliconius erato* (Linnaeus), *H. himera* Hewitson; evolution; genetics; Ecuador]
- McMillan, William Owen, Antônia Monteiro and Durrell D. Kapan**
2002. Development and evolution on the wing. *Trends in Ecology and Evolution* 17(3): 125-133, 4 figs. (March) [*Heliconius*]
- McMullen, Conley K.**
1986. Observations on insect visitors to flowering plants of Isla Santa Cruz. Part II. Butterflies, moths, ants, hover flies and stilt bugs. *Noticias de Galápagos* 43: 21-23. [*Leptotes parrhasioides* (Wallengren), *Phoebis sennae* (Linnaeus); Galapagos Islands]
1990. Reproductive biology of Galapagos Islands angiosperms. *Monographs in systematic Botany* 32: 35-45, 2 figs., 1 tab. [*Leptotes parrhasioides* (Wallengren), *Phoebis sennae* (Linnaeus); pollination]
1993. Flower-visiting insects of the Galapagos Islands. *Pan-Pacific Entomologist* 69(1): 95-106, 1 tab. (20 May) [general]
1994. Pollinator availability: A possible explanation of inter-island floral variation in *Justicia galapagana* (Acanthaceae). *Noticias de Galápagos* 54: 22-27, 1 fig., 3 tabs. (November) [*Urbanus dorantes galapagensis* (Williams), *Phoebis sennae* (Linnaeus); Galapagos]
2013. See Traveset, A. et al., 2013.
- McMullen, Conley K., and Diane M. Viderman**
1994. Comparative studies on the pollination biology of *Darwiniothamnus tenuifolius* (Asteraceae) and *Plumbago scandens* (Plumbaginaceae) on Pinta island and Santa Cruz island, Galápagos. *Phytologia* 76(1): 30-38, 2 tabs. ("January", [2 May]) [*Urbanus dorantes galapagensis* Williams, *Leptotes parrhasioides* (Wallengren), *Phoebis sennae* (Linnaeus)]
- M'Murtrie, Henry [1793-1865]**
1831. Order X. Lepidoptera, pp. 170-219, pl. 2. In: Cuvier, G., *The Animal Kingdom arranged in conformity with its organisation*. New York, G. & C. & H. Carvill. 4. [general]
- MacNamara, Don**
1988. Observations on the Great Southern White, *Ascia monuste*. *Bulletin of the amateur Entomologists' Society* 47(361): 193-196, 1 fig. (November) [life history; Ecuador]
- McNeely, Camille**
2006. See Kronforst, M. R. et al., 2006b.
- McNeil, Jeremy N.**
1998. See Schulz, S. et al., 1998.
- MacNeill, Charles Donald [1924-2005]**
1962. A preliminary report on the HesperIIDae of Baja California (Lepidoptera). *Proceedings of the California Academy of Sciences* (4)30(5): 91-116 (31 July) [general; Mexico]
1964. The skippers of the genus *Hesperia* in western North America, with special reference to California (Lepidoptera, HesperIIDae). *University of California Publications in Entomology* 35: i-iv, 1-221, 8 pls., 28 figs., 9 maps (7 April) [general; distribution; behavior; host plants; life histories; parasitoids; predators; new subspecies: *H. uncas gilberti*; Mexico]
1969. See Miller, L. D. and C. D. MacNeill, 1969.
1991. See Herrera, J. V. et al., 1991.
1993. Comments on the genus *Polites*, with the description of a new species of the *themistocles* group from Mexico (HesperIIDae: HesperIIDae). *Journal of the Lepidopterists' Society* 47(3): 177-198, 33 figs. (26 August) [*P. norae*]
2002. Studies in the genus *Hylephila* Billberg, II. The *boulleti* species group (HesperIIDae: HesperIIDae). *Journal of the Lepidopterists' Society* 56(2): 66-89, 59 figs. (30 April) [new species: *H. herrerae*, *H. pseudoherrerae*, *H. pallisteri*, *H. blancasi*, *H. tentativa*, *H. shapiro*, *H. rossi*; Peru, Bolivia, Chile, Argentina]
- MacNeill, Charles Donald, and José Valentín Herrera**
1999. Studies in the genus *Hylephila* Billberg, I. Introduction and the *ignorans* and *venusta* species groups (HesperIIDae: HesperIIDae). *Journal of the Lepidopterists' Society* 52(3): 277-317, 33 figs. (11 May) [new species: *H. adriennae*, *H. lamasi*, *H. kenhaywardi*; biogeography; morphology; South America]
2000. Errata in the genus *Hylephila* Billberg, I. Introduction and the *ignorans* and *venusta* species groups (HesperIIDae: HesperIIDae). *Journal of the Lepidopterists' Society* 53(2): 76 (13 January)
- Macniven, Richard**
2011. See Vila, R. et al., 2011.
- McPheron, Bruce A.**
1993. See Domínguez, O. E. & B. A. McPheron, 1993.
- MacPherson, Bruce N.**
1986. See Johnson, K. D. et al., 1986.
1988. See Johnson, K. D. et al., 1988.
1990. See Johnson, K. D. et al., 1990.
1992. See Johnson, K. D. et al., 1992.
1993. See Johnson, K. D. et al., 1993.
- MacRoy, John T.**
1995. Bolivia, pp. 30-31. In: Drummond, B. A., III, Zone 13. South America. In: Season Summary. *News of the Lepidopterists' Society* 1995(2): 2-31 (June) [general]
- Madalena, José Antonio da Silva**
2011. See Broglio-Micheletti, S. M. F. et al., 2011.
- Madariaga, Alfonso**
1931. Plagas de insectos más frecuentes en la agricultura. *Anales del Instituto de Biología de México* 2(3): 279-289. [general; host plants; Mexico]
- Maddox, Richard Leach [1816-1902]**
1871. Remarks on the general and particular construction of the scales of some Lepidoptera, as bearing on the structure of the "test scale" of *Lepidocyrtus curvicollis*. *The monthly microscopical Journal* 5(6): 247-266, pls. 86-88 (1 June) [general]
- Madeira, Bruno Gini**
2008. See Neves, F. de S. et al., 2008.
- Madero, Alicia**
1997. The first NABA Mexican Independence Day butterfly counts. *American Butterflies* 5(4): 22-27, 10 figs. [general; Mexico]
- Madrigal, Beatriz, and Mercedes Girón**
1982. Ecología de la polinización en el árbol lechoso: *Tabernaemontana grandiflora* Jack. [sic] (Apocynaceae). *Actualidades biológicas* (Medellín) 11(42): 120-128, 12 figs., 1 tab., 2 graphs (October-December) [*Perichares philetus* (Gmelin), *Decinea* sp.; Colombia]
- Madrigal, Luis**
2010. See Hanson, P. E. et al., 2010.
- Madrrián, Luis E.**
1985. See Rodríguez, C. E. et al., 1985.

**Madrugá, Janaina**

2018. See Siewert, R. R. et al., 2018b.

**Madrugá, Ormailly, and Alejandro Barro**

2010. Temporal and spatial segregation of *Battus devilliers* and *B. polydamas* (Papilionidae) in La Habana, Cuba. *Journal of Research on the Lepidoptera* 42: 56-63, 7 figs., 1 tab. (31 January) [ecology, behavior]

2011. Ciclo de vida y descripción de los estadios inmaduros de *Battus polydamas cubensis* (Lepidoptera: Papilionidae) en Cuba. *Solenodon* 9: 36-54, 7 figs., 3 tabs. (July) [egg, larva, pupa, imago; host plant; behavior]

**Maekawa, Kiyoto**

1999. See Morinaka, S. et al., 1999.

**Maeki, Kodo, and Charles Lee Remington**

1960a. Studies of the chromosomes of North American Rhopalocera. 1. Papilionidae. *Journal of the Lepidopterists' Society* 13(4): 193-203, 2 pls., 7 figs., 1 tab. (1 August) [general; Mexico]

1960b. Studies of the chromosomes of North American Rhopalocera. 2. Hesperidae, Megathymidae, and Pieridae. *Journal of the Lepidopterists' Society* 14(1): 37-57, 7 pls., tabs. 2-3 (15 December) [general; Mexico]

1961a. Studies of the chromosomes of North American Rhopalocera. 3. Lycaenidae, Danainae, Satyrinae, Morphinae. *Journal of the Lepidopterists' Society* 14(2): 127-147, 5 pls., tabs. 4-5 (31 March) [general; Mexico]

1961b. Studies of the chromosomes of North American Rhopalocera. 4. Nymphalinae, Charaxiinae, Libytheinae. *Journal of the Lepidopterists' Society* 14(3): 179-201, 7 pls., tab. 6 (16 June) [general; Mexico]

**Märker, Hermann, and Fritz Ludwig Schmidt**

[1955?]. *Exotische Tagfalter*. Kaiserslautern, Alfo Kunstdruck-Verlag G.M.B.H. 48 pp., 24 pls. [general]

**Maes, Jean-Michel [1958- ]**

1990. Catálogo de los insectos controladores biológicos en Nicaragua. Volumen III. Insectos parasitoides. *Revista nicaragüense de Entomología* 10: 1-138, 19 figs. (March) [general]

1992a. Fauna entomológica del Departamento de Río San Juan, Nicaragua. *Revista nicaragüense de Entomología* 20: 29-33 (June) [general]

1992b. Fauna entomológica de la Isla de Ometepe, Nicaragua. *Revista nicaragüense de Entomología* 21: 9-13 (September) [general]

1992c. Fauna entomológica de Corn Islands (Isla del Maíz), Zelaya, Nicaragua. *Revista nicaragüense de Entomología* 21: 15-17 (September) [general]

1992d. Fauna entomológica del Archipiélago de Solentiname, Nicaragua. *Revista nicaragüense de Entomología* 21: 19-24 (September) [general]

1995a. *Epiphile oreia* ssp. *plusios* Godman & Salvin (Lepidoptera: Nymphalidae) nuevo reporte para Nicaragua. *Revista nicaragüense de Entomología* 33: 17-20, 6 figs. (September)

1995b. See Jolivet, P. & J.-M. Maes, 1995.

1995c. *Hamadryas atlantis* ssp. *atlantis* Bates (Lepidoptera: Nymphalidae) nuevo reporte para Nicaragua. *Revista nicaragüense de Entomología* 34: 1-7, 13 figs. (December)

1995d. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. I. *Tigridia acesta* (Linnaeus) nuevo para la fauna de Nicaragua (Lepidoptera: Nymphalidae). *Revista nicaragüense de Entomología* 34: 23-24, 2 figs. (December)

1995e. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. II. *Cissia*: cuatro nuevos reportes para la

fauna de Nicaragua (Lepidoptera: Nymphalidae: Satyrinae). *Revista nicaragüense de Entomología* 34: 25-28, 5 figs. (December) [*C. agnata* (Schaus), *C. gomezi* Singer, DeVries & Ehrlich, *C. gulnare* Butler, *C. pseudoconfusa* Singer, DeVries & Ehrlich]

1996a. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. III. Dos reportes del género *Hamadryas*, nuevos para la fauna de Nicaragua (Lepidoptera: Nymphalidae). *Revista nicaragüense de Entomología* 35: 1-4, 4 figs. (March) [*H. arinome arienis* (Godman & Salvin), *H. feronia farinulenta* (Fruhstorfer)]

1996b. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. IV. *Taygetis penelea* (Cramer) nuevo para la fauna de Nicaragua (Lepidoptera: Nymphalidae: Satyrinae). *Revista nicaragüense de Entomología* 35: 5-6, 1 fig. (March)

1996c. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. V. *Morpho cypris* Westwood confirmación de su presencia en Nicaragua (Lepidoptera: Nymphalidae: Morphinae). *Revista nicaragüense de Entomología* 36: 1-3, 1 fig. (June)

1996d. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. VI. *Amphydecta* [sic] *pignerator* Butler, especie nueva para la fauna de Nicaragua (Lepidoptera: Nymphalidae: Satyrinae). *Revista nicaragüense de Entomología* 36: 5-6, 1 fig. (June)

1996e. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. VII. Dos Morphinae nuevos para la fauna de Nicaragua (Lepidoptera: Nymphalidae). *Revista nicaragüense de Entomología* 36: 7-9, 4 figs. (June) [*Antirrhoea miltiades* (Fabricius), *Caerolis gerdrudtus* (Fabricius)]

1997a. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. IX. *Eunica mygdonia*, Nymphalidae nuevo para la fauna de Nicaragua (Lepidoptera). *Revista nicaragüense de Entomología* 39: 5-7, 2 figs. (March)

1997b. *Oxeoschistus hilarus* Bates (Lepidoptera: Nymphalidae: Satyrinae) nuevo reporte para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 40: 5-6, 2 figs. ("June", [May])

1997c. See Brabant, R. & J.-M. Maes, 1997.

1998a. See Puig, J. et al., 1998.

1998b. Las mariposas del género *Morpho* (Nymphalidae: Morphinae) en Nicaragua. *Mesoamericana* 3(3): 40 (September) [general; host plants; distribution]

1998c. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. XVII. Dos mariposas nuevas para la fauna de Nicaragua (Lepidoptera: Nymphalidae). *Revista nicaragüense de Entomología* 46: 39-42, 2 figs. (December) [*Pycina zamba zelys* Godman & Salvin, *Opsiphanes invirae cuspidatus* Stichel]

1999a. See Van den Berghe, E. P. & J.-M. Maes, 1999.

1999b. El grupo mimético mulleriano *Dryas iulia*, *Eueides aliphera* y *Eueides lineata* (Lepidoptera: Nymphalidae: Heliconiinae) en Nicaragua. *Revista nicaragüense de Entomología* 48: 37-47, 10 figs., 1 map (June) [distribution]

1999c. El género *Enantia* (Lepidoptera: Pieridae) en Nicaragua. *Revista nicaragüense de Entomología* 49: 47-56, 8 figs., 1 map (September) [distribution]

1999d. Mariposas (Lepidoptera: Papilionoidea) del Cerro Saslaya, Reserva de la Biosfera Bosawas, Nicaragua. *Revista nicaragüense de Entomología* 50: 17-45, 14 figs. (October) [general]

1999e. Mariposas del volcán Casita, departamento de Chinandega, Nicaragua. *Encuentro* (Managua) 31(51): 10-22. [general]

2000. Mariposas de Nicaragua. *Nicaraguan academic Journal*



- 1(2): 1-26, 2 figs. (November) [general; host plants]
2001. See Brabant, R. & J.-M. Maes, 2001.
2003. See Hernández, B. et al., 2003.
- 2004a. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte I: Introducción. *Revista nicaragüense de Entomología* 64(Supl. 1/2): 1-37, figs. (December) [*Heliconius sara* (Fabricius)]
- 2004b. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte II: Cacao (*Theobroma cacao*, Sterculiaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/2): 1-260, figs. (December) [*Theope eudocia pulchralis* Stichel, *Morpho peleides limpida* Butler; host plants]
- 2004c. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte III: Cítricos (*Citrus* spp., Rutaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/3): 1-242, figs. (December) [Riodinidae, Hesperidae, Papilionidae; host plants]
- 2004d. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte IV: Aguacate (*Persea americana*, Lauraceae). *Revista nicaragüense de Entomología* 64(Supl. 1/4): 1-262, figs. (December) [*Zera hyacinthinus* (Mabille), *Archaeoprepona demopoon gulina* (Fruhstorfer); host plants]
- 2004e. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte V: Jocote (*Spondias purpurea*, Anacardiaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/5): 1-90, figs. (December) [general; host plants]
- 2004f. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte VI: Guanábana (*Annona squamosa*, *Annona muricata*, Annonaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/6): 1-134, figs. (December) [general; host plants]
- 2004g. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte VII. Banano (*Musa sapientum*, *Musa acuminata*). Plátano (*Musa paradisiaca*) (Musaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/7): 1-159, figs. (December) [Hesperidae, Nymphalidae; host plants]
- 2004h. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte VIII. Nispero (*Manilkara achras*, Sapotaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/8): 1-57, figs. (December) [*Historis odius dious* Lamas, *Morpho amathonte centralis* Staudinger, *M. peleides limpida* Butler; host plants]
- 2004i. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte IX. Coco (*Cocos nucifera*, Arecaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/2): 1-88, figs. (December) [Brassolini; host plants]
- 2004j. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte X. Pijivay (*Bactris gasipaes*, Arecaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/10): 1-37, figs. (December) [*Vertica verticalis coatepeca* Schaus, *Opsiphanes cassina fabricii* (Boisduval); host plants]
- 2004k. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XI. Mango (*Mangifera indica*, Anacardiaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/11): 1-158, figs. (December) [Nymphalidae; host plants]
- 2004l. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XII. Marañón (*Anacardium occidentale*, Anacardiaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/12): 1-64, figs. (December) [*Marpesia petreus thetys* (Fabricius), *Euptoieta hegesia hoffmanni* Comstock; host plants]
- 2004m. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XIII. Piña (*Ananas comosus*, Bromeliaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/13): 1-67, figs. (December) [Lycaenidae, Riodinidae, Brassolini; host plants]
- 2004n. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XIV. Maracuyá o calala (*Passiflora edulis*, Passifloraceae). *Revista nicaragüense de Entomología* 64(Supl. 1/14): 1-124, figs. (December) [Riodinidae, Heliconiinae; host plants]
- 2004o. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XV: Frutales exóticos. Lichi (*Litchi sinensis*, Sapindaceae). Rambutan (*Nephelium lappaceus*, Sapindaceae). Pulasan (*Nephelium mutabile*, Sapindaceae). Mangostan (*Garcinia mangostana*, Clusiaceae). Durian (*Durio zibethinus*, Bombacaceae). Langsat (*Lansium domesticum*, Meliaceae). Mabola (*Diospyros blancoi* = *Diospyros discolor*, Ebenaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/15): 1-210, figs. (December) [*Adelpha celerio* Bates; host plants]
- 2004p. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XVI. Pimienta (*Piper nigrum*, Piperaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/16): 1-98, figs. (December) [Hesperidae, Papilionidae, Charaxinae; host plants]
- 2004q. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XX. Nuez moscada (*Myristica fragrans*, Myristicaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/20): 1-41, figs. (December) [*Historis acheronta* (Fabricius); host plants]
- 2004r. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XXII. Terciopelo (*Mucuna pruriens*, Fabaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/22): 1-29, figs. (December) [*Urbanus proteus* (Linnaeus), *Morpho peleides limpida* Butler; host plants]
- 2004s. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XXIII. Crotalaria (*Crotalaria* sp., Fabaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/23): 1-75, figs. (December) [*Hemiargus hanno zachaeina* (Butler & Druce); host plants]
- 2004t. Insectos asociados a algunos cultivos tropicales en el Atlántico de Nicaragua. Parte XXV. Maderas preciosas. Cedro real (*Cedrela odorata*, Meliaceae). Caoba (*Swietenia macrophylla*, Meliaceae). Cedro macho (*Carapa guianensis*, Meliaceae). *Revista nicaragüense de Entomología* 64(Supl. 1/25): 1-71, figs. (December) [*Pseudolycaena marsyas damo* (Druce); host plants]
2005. See Gómez, M. & J.-M. Maes, 2005.
- 2006a. *Mariposas de Río San Juan, Nicaragua* (Papilionidae, Pieridae, Nymphalidae). Managua, Ministerio del Ambiente y los Recursos Naturales. 324 pp., figs. (30 June) [general]
- 2006b. Papilionidae (Lepidoptera) de Nicaragua. *Revista nicaragüense de Entomología* 66(Supl. 3): 1-241, figs. [general; host plants; distribution; Neotropics]
- 2007a. Pieridae (Lepidoptera) de Nicaragua. *Revista nicaragüense de Entomología* 67(Supl. 1): 1-313, figs. (December) [general; host plants; distribution]
- 2007b. See Tórriz, M. et al., 2007.
2010. See Rodríguez, O. et al., 2010.
2011. Papalotl. *Temas nicaragüenses* 33: 36-47, figs. (January) [general; ethnoentomology; Nicaragua]
2013. See Tórriz, M. et al., 2013.
- 2014a. See Debrix, A. et al., 2014.
- 2014b. *Hamadryas* (Lepidoptera: Nymphalidae): dos extensiones

- de rango de distribución geográfica para Nicaragua. *Revista nicaragüense de Entomología* 80: 2-9, figs. (October) [*H. atlantis* (Bates), *H. laodamia saurites* (Fruhstorfer)]
- 2014c. *Taygetis kerea* Butler, 1869 (Lepidoptera: Nymphalidae): nuevo reporte para la fauna entomológica de Nicaragua. *Revista nicaragüense de Entomología* 82: 3-9, 3 figs. (October)
- 2014d. *Narope testacea* Godman y Salvin, 1878 (Lepidoptera: Nymphalidae): ampliación de distribución geográfica en Nicaragua. *Revista nicaragüense de Entomología* 83: 3-9, figs. (November)
- 2016a. See Erenler, H. E. et al., 2016.
- 2016b. See Debrix, A. & J.-M. Maes, 2016.
- 2016c. La mariposa monarca. *Temas nicaragüenses* 99: 7, 1 fig. (July) [*Danaus plexippus* (Linnaeus)]
- 2017a. Mariposas de la cuenca baja del Río Grande de Matagalpa, suplemento 2. *Revista nicaragüense de Entomología* 116: 1-284, figs. (January) [general; Nicaragua]
- 2017b. *Heliconius hecale* ssp. *zuleika* (Lepidoptera: Nymphalidae: Heliconiinae) de Nicaragua. *Revista nicaragüense de Entomología* 117: 1-23, figs. (February)
- 2017c. See Debrix, A. et al., 2017.
- 2017d. See Gauthier, K. & J.-M. Maes, 2017a.
- 2017e. See Gauthier, K. & J.-M. Maes, 2017b.
- 2017f. See Gauthier, K. & J.-M. Maes, 2017c.
- 2017g. See Gauthier, K. & J.-M. Maes, 2017d.
- 2018a. See Zawadzki, W. & J.-M. Maes, 2018a.
- 2018b. See Hernández, B. et al., 2018.
- 2018c. Notas sobre algunos Hesperidae [sic] (Lepidoptera) de Nicaragua. *Revista nicaragüense de Entomología* 154: 1-40, figs. (September) [general]
- 2018d. See Zawadzki, W. & J.-M. Maes, 2018b.
- 2018e. See Zawadzki, W. et al., 2018.
- [2019]a. See Gauthier, K. & J.-M. Maes, [2019]a.
- [2019]b. See Gauthier, K. & J.-M. Maes, [2019]b.
- [2019]c. See Gauthier, K. & J.-M. Maes, [2019]c.
- [2019]d. See Gauthier, K. & J.-M. Maes, [2019]d.
- [2019]e. See Lapeze, J. et al., [2019].
- 2019f. See Gauthier, K. & J.-M. Maes, 2019e.
- 2019g. See Carranza, A. et al., 2019.
- 2019h. Mariposas del Área Protegida Volcán Casita. *Revista nicaragüense de Entomología* 170: 1-283, figs. (April) [general; Nicaragua]
- Maes, Jean-Michel, and Ronald Brabant**
1996. Premier recensement d'*Hamadryas atlantis* Bates, 1864 pour le Nicaragua (Lepidoptera, Nymphalidae). *Lambillionea* 96(centenaire): 15, 2 figs. (February)
1999. Nota breve: *Olyras theon* (Lepidoptera: Nymphalidae: Ithomiinae) nuevo reporte para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 47: 45-47, 2 figs. (March)
2000. Mariposas de Nicaragua. *Revista nicaragüense de Entomología* 51/54: 3-6 + CD ROM (December) [general]
- Maes, Jean-Michel, Kevin Gauthier and Blas Hernández**
- 2019a. Mariposas de las Reservas Silvestres Privadas La Tigra, La Conga y Las Guacamayas. *Revista nicaragüense de Entomología* 168: 1-181, figs. (April) [general; Nicaragua]
- Maes, Jean-Michel, Víctor José Hellebuyck and Jean-Charles Gantier**
1999. *Superfamilia Papilionoidea*. pp. 1245-1395, figs. In: Maes, J.-M. (Ed.), *Catálogo de los insectos y artrópodos terrestres de Nicaragua. Volumen III*. León, Author (January) [general]
- Maes, Jean-Michel, and Blas Hernández**
2014. *Heliconius* (Lepidoptera: Nymphalidae: Heliconiinae): tres extensiones de rango de distribución geográfica para Nicaragua. *Revista nicaragüense de Entomología* 79: 2-9, figs. (October) [*H. cydno galanthus* Bates, *H. sapho leuce* Doubleday, *H. melpomene rosina* Boisduval]
2016. Mariposas de la cuenca baja del Río Grande de Matagalpa. *Revista nicaragüense de Entomología* 104: 1-310, figs., tabs., graphs, maps (January) [general; Nicaragua]
- Maes, Jean-Michel, Blas Hernández and Eric Pierre Van den Berghe**
- 2014b. *Eunica* Hubner [sic], 1819 (Lepidoptera: Nymphalidae): dos especies nuevas para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 84: 3-9, figs. (November) [*E. sydonia caresa* (Hewitson), *E. malvina albida* Jenkins]
- Maes, Jean-Michel, María Esther Palacios, Gerald Garmendia and Eric Pierre Van den Berghe**
- 2019b. *Behemothia godmanii* (Dewitz, 1877) (Lepidoptera: Riodinidae), nuevo reporte para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 175: 1-11, 8 figs. (August)
- Maes, Jean-Michel, and Jazmina Reyes**
2016. *Agrias amydon* Hewitson, 1854 (Lepidoptera: Nymphalidae): reporte nuevo para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 103: 1-11, 10 figs., 2 maps (February)
- Maes, Jean-Michel, and Juana Téllez**
1988. Catálogo de los insectos y artrópodos terrestres asociados a las principales plantas de importancia económica en Nicaragua. *Revista nicaragüense de Entomología* 5: 1-95 (December) [general; host plants]
- Maes, Jean-Michel, Marvin Tórriz, Vern Covlin and Eric Pierre Van den Berghe**
- 2014a. *Memphis philumena* (Lepidoptera: Nymphalidae), nuevo reporte para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 78: 2-5, figs. (October)
- Maeyama, Tomohiro**
1999. See Morinaka, S. et al., 1999.
- Mafia, Pedro Oliveira**
2012. See Silva, A. R. M. et al., 2012.
- Magaldi, Luiza de Moraes**
2014. See Freitas, A. V. L. et al., 2014.
2015. See Freitas, A. V. L. et al., 2015a.
2016. See Freitas, A. V. L. et al., 2016e.
- 2017a. See Bächtold, A. et al., 2017.
- 2017b. See Shirai, L. T. et al., 2017a.
- 2017c. See Kaminski, L. A. et al., 2017.
- 2018a. See Pyrcz, T. W. et al., 2018a.
- 2018b. See Zacca, T. et al., 2018.
- 2018c. See Almeida, G. de S. S. de et al., 2018.
- 2019a. See Dias, F. M. S. et al., 2019b.
- 2019b. See Freitas, A. V. L. et al., 2019c.
- Magalhães, Bonifácio Peixoto**
1980. See Silva, A. de B. & B. P. Magalhães, 1980.
- Maggi, Bruno**
2001. See Duarte, J. A., Jr. et al., 2001.
- Magistretti, Guillermo**
1939. Principales insectos parásitos de las hortalizas (zona norte de Mendoza). *Revista mensual B.A.P. (del Ferrocarril Buenos Aires al Pacífico)* 22(255): 43-45 (February) [*Tatochila autodice* (Hübner); host plants; Argentina]
- Mahajan, Jaswant Rai, and Inês Sabioni Resck**
1997. Synthesis of acyclic insect pheromones from cycloalkanones via acetylenic lactones. *Journal of the Brazilian Chemical Society* 8(4): 383-390, 2 figs., 2 tabs. [*Lycorea ceres* (Cramer)]

- Mahan, Santiago**  
[1942]. Observaciones biológicas sobre la *Tatochila blanchardii*. *Revista chilena de Historia natural* 44: 63-67 ("1940", [June 1942]) [life history; parasitoids; Chile]
- Mahecha, Oscar Javier**  
2013. See Olarte, C. A. et al., 2013.  
2014. See Urbano, P. M. et al., 2014.  
2017a. See Casas, L. C. et al., 2017.  
2017b. See Zubek, A. et al., 2017.  
2018a. See Murillo, A. et al., 2018.  
2018b. See Urbano, P. M. et al., 2018.
- Mahecha, Oscar Javier, and Vanessa Díaz**  
2015. Aproximación a la diversidad taxonómica de las mariposas diurnas (Lepidoptera: Papilionoidea) en la Vereda Cafrería, Municipio Icononzo, Tolima. *Revista científica de UNINCCA* 20(2): 83-91, 2 figs., 1 tab. (December) [general; Colombia]
- Mahecha, Oscar Javier, Juan Camilo Dumar and Tomasz Wilhelm Pyczk**  
2011. Efecto de la fragmentación del hábitat sobre las comunidades de Lepidoptera de la tribu Pronophilini a lo largo de un gradiente altitudinal en un bosque andino en Bogotá (Colombia) (Lepidoptera: Nymphalidae, Satyrinae). *Shilap* 39(153): 117-126, 3 figs., 4 tabs. (30 March) [general]
- Mahecha, Oscar Javier, Rafał Garlacz, Miguel Gonzalo Andrade, Carlos Humberto Prieto and Tomasz Wilhelm Pyczk**  
2019. Island biogeography in continental areas: inferring dispersal based on distributional patterns of Pronophilina butterflies (Nymphalidae: Satyrinae) in the north Andean massifs. *Revista mexicana de Biodiversidad* 90(3)(e902726): 1-19, 7 figs., 4 tabs. (September) [general; Colombia, Venezuela]
- Mahrouche, Louiza**  
2019. See McClure, M. et al., 2019b.
- Maia, Pedro Henrique Souza**  
2010. See Rodrigues, D. et al., 2010b.
- Maia, Rafael, Hugo Gruson, John A. Endler and Thomas E. White**  
2019. PAVO 2: New tools for the spectral and spatial analysis of colour in R. *Methods in Ecology and Evolution* 10(7): 1097-1107, 5 figs. (July; published online 10 March) [*Heliconius*]
- Maier, Jennifer Elaine**  
2017. See Sigrist, M. R. et al., 2017.
- Maimoni-Rodella, Rita de Cassia Sindrônia**  
1991. Biología floral de *Ipomoea aristolochiaefolia* (H.B.K.) Don. (Convolvulaceae). *Turrialba* 41(3): 344-349, 4 figs., 1 tab. (July-September) [Hesperiidae, Pieridae; pollination; Brazil]  
2011. See Ishara, K. L. & R. de C. S. Maimoni-Rodella, 2011.
- Maimoni-Rodella, Rita de Cassia Sindrônia, and Roberto Antonio Rodella**  
1986. Aspectos da biologia floral de *Merremia dissecta* (Jacq.) Hall f. var. *edentata* (Meisn.) O'Donnell (Convolvulaceae). *Revista de Agricultura* (Piracicaba) 61(3): 213-222, 1 fig., 1 tab. [Hesperiidae, Pieridae; pollination; Brazil]  
1987. Biología floral de *Merremia cissoides* (Lam.) Hall f. (Convolvulaceae). *Naturalia* (São Paulo) 11/12: 117-123, 2 figs., 1 tab. [Pieridae, Hesperiidae; Brazil]
- Maimoni-Rodella, Rita de Cassia Sindrônia, Roberto Antonio Rodella, Ayrton Amaral, Jr. and Yuriko Yanagizawa**  
1983. Polinização em *Ipomoea cairica* (L.) Sweet. (Convolvulaceae). *Naturalia* (São Paulo) 7: 167-172, 1 fig., 1 tab. ("1982", 1983) [Hesperiidae; Brazil]
- Maindron, Georges-René Maurice** [1857-1911]  
1888. *Les Papillons*. Paris, Librairie Hachette et Cie. [vii] + 272 pp., 98 figs. [general; anatomy; morphology; classification; South America]
- Mairink, Simone Zinato, Luiz Cláudio de Almeida Barbosa, Eduardo Vinícius Vieira Varejão, Elizeu de Sá Farias, Márcio Luiz Moura Santos and Marcelo Coutinho Picanço**  
2017. Larvicidal activity of synthetic tropane alkaloids against *Ascia monuste orseis* (Lepidoptera: Pieridae). *Pest Management Science* 73(10): 2048-2053, 5 figs., 1 tab. (October; published online 11 April) [host plant; predator; Brazil]
- Maisch, Karl** [1886-1945]  
1931. Apuntes sobre la fauna de Lima. *Boletín de la Sociedad geográfica de Lima* 47(2/3): 65-82 (June); 48(1): 5-44, 1 tab., figs. ("31 March", November) [general; Peru]  
1935. La fauna de Lima. *Boletín de la Sociedad geográfica de Lima* 52(1/2): 97-134, 2 pls. (18 January) [general; Peru]  
1942. De la flora y fauna en el Perú. *Actas y Trabajos científicos del XXVII Congreso internacional de Americanistas* (Lima) 1: 163-179 (18 July) [general]
- Majer, J.**  
2006. See Pittaway, A. R. et al., 2006.
- Majerus, Michael Eugene Nicolas** [1954-2009]  
2007. The perching behaviour of the malachite butterfly. *Bulletin of the amateur Entomologists' Society* 66(471): 78-80, pl. 3 (April) [*Siproeta stelenes* (Linnaeus); Puerto Rico]
- Majewska, Ania A., and Sonia M. Altizer**  
2019. Exposure to non-native tropical milkweed promotes reproductive development in migratory Monarch butterflies. *Insects* (Basel) 10(253): 1-17, 4 figs. (16 August) [*Danaus plexippus* (Linnaeus); Mexico]
- Makibayashi, Isao**  
1978-80. [Comparative morphology of butterflies] [In Japanese]. *Chō Chō* 1(10): 22-27, pls. 53-55 (October 1978), (11): 34-37, pl. 56 (November 1978); 2(5): 15-27, pls. 58-62 (May 1979); 3(4): 47-51, pl. 66 (April 1980) [general]  
1988. [Evolution of the Papilionidae based on the pupal morphology] [In Japanese]. *The Nature and Insects* 23(6): 15-19, 3 figs., 1 tab. [general]
- Malacalza, L.**  
1994. See Bercellini, N. & L. Malacalza, 1994.
- Malagón, Claudia Miroslava**  
2014. See Bolaños, S. I. et al., 2014.
- Malaguido, Andréa B., and Antônio Ricardo Panizzi**  
1998. *Alcaeorrhynchus grandis* (Dallas): An eventual predator of *Chlosyne lacinia saundersii* [sic] Doubleday & Hewitson on sunflower in northern Paraná state. *Anais da Sociedade entomológica do Brasil* 27(4): 671-674, 1 tab. (December) [host plant; Brazil]
- Malcolm, Jay R.**  
1986. See Lovejoy, T. E. et al., 1986.  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Malcolm, Stephen Baillie**  
1987. Monarch butterfly migration in North America: controversy and conservation. *Trends in Ecology and Evolution* 2(5): 135-138, 3 figs. (June) [Mexico]  
1988. See Masters, A. R. et al., 1988.  
1989a. See Calvert, W. H. et al., 1989.  
1989b. See Brower, L. P. & S. B. Malcolm, 1989.  
1991. See Brower, L. P. & S. B. Malcolm, 1991.  
1993a. See Cockrell, B. J. et al., 1993.  
1993b. Conservation of Monarch butterfly migration in North

- America: An endangered phenomenon. *Science Series. Natural History Museum of Los Angeles County* 38: 357-361 (18 February) [*Danaus plexippus* (Linnaeus); Mexico]
- 1995a. See Brower, L. P. et al., 1995.
- 1995b. Milkweeds, monarch butterflies and the ecological significance of cardenolides. *Chemoecology* 5/6(3/4): 101-117, 14 figs., 2 tabs. ("September 1994"; 1995) [*Danaus plexippus* (Linnaeus); Mexico]
2002. See Zalucki, M. P. et al., 2002.
- 2015a. See Slager, B. H. & S. B. Malcolm, 2015.
- 2015b. See Zalucki, M. P. et al., 2015.
- Malcolm, Stephen Baillie, and Lincoln Pierson Brower**
1987. White monarchs. *Antenna* 11(1): 2-3 (January) [*Danaus plexippus* (Linnaeus); migration; Neotropics]
- Malcolm, Stephen Baillie, Barbara J. Cockrell and Lincoln Pierson Brower**
1992. Continental-scale host plant use by a specialist insect herbivore: milkweed cardenolides and the Monarch butterfly. *Series entomologica* (Dordrecht) 49: 43-45, 1 tab. [*Danaus plexippus* (Linnaeus); host plants; Mexico]
1993. Spring recolonization of eastern North America by the Monarch butterfly: Successive brood or single sweep migration? *Science Series. Natural History Museum of Los Angeles County* 38: 253-267, 8 figs., 8 tabs. (18 February) [*Danaus plexippus* (Linnaeus); Mexico]
- Malcolm, Stephen Baillie, and Miriam Louisa Rothschild**
1983. A danaid Mullerian mimic, *Euploea core amymone* (Cramer) lacking cardenolides in the pupal and adult stages. *Biological Journal of the Linnean Society* 19(1): 27-33, 1 fig., 4 tabs. ([11 March]) [*Danaus plexippus erippus* (Cramer)]
- Malcolm, Stephen Baillie, and Benjamin H. Slager**
2015. *Migration and host plant use by the Southern Monarch Danaus erippus*, pp. 225-235, 5 figs. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [South America]
- Malcolm, Stephen Baillie, and Myron Phillip Zalucki**
- 1993a. The Monarch butterfly: Research and conservation. *Science Series. Natural History Museum of Los Angeles County* 38: 3-8 (18 February) [*Danaus plexippus* (Linnaeus); Mexico]
- 1993b. Biology and conservation of the Monarch butterfly: Concluding remarks. *Science Series. Natural History Museum of Los Angeles County* 38: 397-402 (18 February) [*Danaus plexippus* (Linnaeus); Mexico]
- Maldonado, Belinda**
2002. See Dorado, Ó. et al., 2002.
2009. See Dorado, Ó. et al., 2009.
- Maldonado, E. J.**
2019. See Sermeño, J. M. et al., 2019.
- Maldonado, Jenaro** [1919-1995]
1996. The status of insect alpha taxonomy in Puerto Rico after the Scientific Survey. *Annals of the New York Academy of Sciences* 776: 201-216, 1 tab. (26 June) [general; history]
- Maldonado, Jenaro, and Carmen A. Navarro**
1968. Additions and corrections to Wolcott's "Insects of Puerto Rico". *Caribbean Journal of Science* 7(1/2): 45-64 (1 March) [*Junonia evarete michaellesi* Munroe]
- Maldonado, Karla**
2006. See Kapan, D. D. et al., 2006.
2013. See Papa, R. et al., 2013.
- Maldonado, Leonardo, Luis Fernández and Jorge Diderot del Aguila**
1966. El cultivo de arroz en la zona de Yurimaguas. *Arroz* (Lima) 1(1): 18-20, 1 fig., 1 tab. (December) [*Prenes ares* Felder; Peru]
- Maldonado, Rodolfo** [ -ca. 1976]
1926. Sobre el *Morpho argentinus*. *Revista de la Sociedad entomológica argentina* 1(2): 81 (31 December) [Argentina]
- 1927a. Notas lepidopterológicas. *Boletín de la Sociedad entomológica argentina* 3(3): 12 (31 December) [*Didonis biblis* (Fabricius); Argentina]
- 1927b. Notas lepidopterológicas. Estaciones del *Morpho catenarius* (Perry) en la costa bonaerense del Río de La Plata. *Boletín de la Sociedad entomológica argentina* 3(3): 15-16 (31 December) [Argentina]
- Maldonado-López, Yurixhi**
2019. See Cambrón-Villalobos, P. et al., 2019.
- Malerbo-Souza, Darclat Teresinha, and André Luiz Halak**
2010. Visitantes florais na cultura do limoeiro (*Citrus aurantifolia*), var. "Taiti". *Ciência e Cultura* (Barretos) 6(2): 53-58, 3 figs., 1 tab. (November) [general; Brazil]
- Malicky, Hans**
1969. Versuch einer Analyse der ökologischen Beziehungen zwischen Lycaeniden (Lepidoptera) und Formiciden (Hymenoptera). *Tijdschrift voor Entomologie* 112(8): 213-298, 2 pls., 27 figs., 10 tabs. (29 December) [*Thecla palegon* (Cramer); morphology; ecology]
1970. New aspects on the association between lycaenid larvae (Lycaenidae) and ants (Formicidae, Hymenoptera). *Journal of the Lepidopterists' Society* 24(3): 190-202, 4 figs., 1 tab. (3 August) [*Thecla palegon* (Cramer); morphology; ecology]
- Malikul, Vichai**
1992. See Opler, P. A. & V. Malikul, 1992.
- Malinov, Ivan Konstantinov**
2008. See Pinheiro, C. E. G. et al., 2008a.
2010. See Pinheiro, C. E. G. et al., 2010.
2014. See Freire Júnior, G. de B. et al., 2014.
- Mallarino, Ricardo**
2005. See Whinnett, A. et al., 2005c.
2006. See Jiggins, C. D. et al., 2006.
2017. See Silva, D. L. de et al., 2017.
- Mallarino, Ricardo, Eldredge P. Bermingham, Keith Richard Willmott, Alaine Whinnett and Christopher David Jiggins**
2005. Molecular systematics of the butterfly genus *Ithomia* (Lepidoptera: Ithomiinae): a composite phylogenetic hypothesis based on seven genes. *Molecular Phylogenetics and Evolution* 34(3): 625-644, 8 figs., 6 tabs. (March; published online 16 December 2004) [general]
- Mallea, Adolfo Ramón, and Javier H. Suárez**
1969. Biología y control de *Cobalus cannae* Herrich-Schäffer, en Mendoza. *Idia* (Buenos Aires) 256: 6-10, 8 figs. (April) [Argentina]
- Maller, Anton** [1895- ]
- 1930a. Kotfresserei oder mehr? *Entomologische Zeitschrift* 44(5): 77-78 (8 June) [Hesperiidae; behavior; Brazil]
- 1930b. Weiteres zu "Kotfresserei oder mehr?". *Entomologische Zeitschrift* 44(18): 277-278 (22 December) [*Thymele fulminans* (Herrich-Schäffer); behavior; Brazil]
- Mallet, James Louis Borlase** [1955- ]
1976. Zoology Section, pp. 11-17, 3 figs., 3 tabs. In: Knappett, C. P., J. L. B. Mallet, A. Sugden, H. Bernal & J. Umana, Oxford Expedition to the Sierrania [sic] de Macuira, Colombia, 1975. *Bulletin of the Oxford University Exploration Club* (2)2: 7-19, 3 pls., 3 figs., 3 tabs. (November) [general; ecology; predators, parasitoids]

1985. See Knapp, S. & J. L. B. Mallet, 1985.
- 1986a. Dispersal and gene flow in a butterfly with home range behavior: *Heliconius erato* (Lepidoptera: Nymphalidae). *Oecologia* 68(2): 210-217, 1 fig., 3 tabs. (January) [Costa Rica]
- 1986b. See Singer, M. C. & J. L. B. Mallet, 1986.
- 1986c. Hybrid zones of *Heliconius* butterflies in Panama and the stability and movement of warning colour clines. *Heredity* 56(2): 191-202, 5 figs., 4 tabs. (April)
- 1986d. Gregarious roosting and home range in *Heliconius* butterflies. *National geographic Research* 2(2): 198-215, 7 figs., 5 tabs. [Colombia, Costa Rica]
1989. The genetics of warning colour in Peruvian hybrid zones of *Heliconius erato* and *H. melpomene*. *Proceedings of the royal Society of London (B)* 236(1283): 163-185, 7 figs., 2 tabs. (22 March)
1991. Variations on a theme? *Nature* (London) 354(6352): 368, 1 fig. (5 December) [*Heliconius*; morphology; genetics; evolution; book review]
1993. *Speciation, raciation, and color pattern evolution in Heliconius butterflies: Evidence from hybrid zones*, pp. 226-260, 2 figs., 3 tabs. In: Harrison, R. G. (Ed.), *Hybrid zones and the evolutionary process*. New York, Oxford University Press. [general]
- 1996a. See Jiggins, C. D. et al., 1996.
- 1996b. See Turner, J. R. G. & J. L. B. Mallet, 1996.
- 1996c. *The genetics of biological diversity: from varieties to species*, pp. 13-47, 3 figs. In: Gaston, K.J. (Ed.), *Biodiversity: A Biology of Numbers and Difference*. Oxford, Blackwell Science Ltd. [general]
- 1997a. See Davies, N. et al., 1997.
- 1997b. See McMillan, W. O. et al., 1997.
- 1997c. See Jiggins, C. D. et al., 1997.
- 1997d. See Jiggins, C. D. et al., 1997.
- 1998a. See Knapp, S. & J. L. B. Mallet, 1998.
- 1998b. See Joron, M. & J. L. B. Mallet, 1998.
- 1998c. *Species concepts*, pp. 709-711, pl. 20. In: Calow, P. (Ed.), *The Encyclopedia of Ecology & Environmental Management*. London, Blackwell Sciences. [*Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus); evolution; mimicry]
- 1999a. See Joron, M. & J. L. B. Mallet, 1999.
- 1999b. See Davison, A. et al., 1999.
2000. See Jiggins, C. D. & J. L. B. Mallet, 2000.
- 2001a. Taxonomy and the blues. *Nature* (London) 409: 664-665, 1 fig. (8 February) [Lycaenidae; book review]
- 2001b. See Jiggins, C. D., R. E. Naisbit et al., 2001.
- 2001c. Mimicry: An interface between psychology and evolution. *Proceedings of the national Academy of Sciences of the United States of America* 98(16): 8928-8930 (31 July) [general]
- 2001d. See Naisbit, R. E. et al., 2001.
- 2001e. See Jiggins, C. D., M. Linares et al., 2001.
- 2001f. See Joron, M. et al., 2001.
- 2001g. Causes and consequences of a lack of coevolution in Müllerian mimicry. *Evolutionary Ecology* 13(7/8): 777-806, 5 figs. ("November 1999"; 2001) [general]
- 2001h. *Gene flow*, pp. 337-360, 4 figs. In: Woitwood, I. P., D. R. Reynolds & C. D. Thomas (Eds.), *Insect movement. Mechanisms and consequences*. Wallingford, CABI Publishing. [*Heliconius*; Ecuador, Peru]
- 2002a. See Dasmahapatra, K. K. et al., 2002.
- 2002b. See Naisbit, R. E. et al., 2002.
- 2002c. See Beltrán, M. et al., 2002.
- 2003a. See Naisbit, R. E. et al., 2003.
- 2003b. See Knapp, S. & J. L. B. Mallet, 2003.
- 2004a. See Willmott, K. R. & J. L. B. Mallet, 2004.
- 2004b. Poulton, Wallace and Jordan: how discoveries in *Papilio* butterflies led to a new species concept 100 years ago. *Systematics and Biodiversity* 1(4): 441-452, 3 figs. (9 June) [general]
- 2005a. See Lamas, G. & J. L. B. Mallet, 2005.
- 2005b. Hybridization as an invasion of the genome. *Trends in Ecology and Evolution* 20(5): 229-237, 1 fig., 1 tab. (May) [*Heliconius*]
- 2005c. See Whinnett, A. et al., 2005a.
- 2005d. See Jiggins, C. D. et al., 2005a.
- 2005e. See Whinnett, A. et al., 2005b.
- 2005f. See Whinnett, A. et al., 2005c.
- 2006a. See Bull, V. et al., 2006.
- 2006b. See Joron, M. et al., 2006b.
- 2006c. See Dasmahapatra, K. K. & J. L. B. Mallet, 2006.
- 2007a. Hybrid speciation. *Nature* (London) 446(7133): 279-283, 1 fig. (15 March) [*Heliconius heurippa* Hewitson; Colombia]
- 2007b. See Beltrán, M. et al., 2007.
- 2007c. See Elias, M. et al., 2007.
- 2007d. See Dasmahapatra, K. K. et al., 2007.
- 2008a. Hybridization, ecological races and the nature of species: empirical evidence for the ease of speciation. *Philosophical Transactions of the royal Society of London (B)* 363(1506): 2971-2986, 3 figs., 2 tabs. (27 September; published online 25 June) [general]
- 2008b. *Wallace and the species concept of the early darwinians*, pp. 103-113. In: Smith, C. H. & G. Beccaloni (Eds.), *Natural selection and beyond: The intellectual legacy of Alfred Russel Wallace*. Oxford, Oxford University Press (22 November) [general]
- 2009a. *Rapid speciation, hybridization and adaptive radiation in the Heliconius melpomene group*, pp. 177-194, 4 figs. In: Butlin, R. K., J. R. Bridle & D. Schluter (Eds.), *Speciation and patterns of diversity*. Cambridge, Cambridge University Press (January) [general; Central and South America]
- 2009b. Alfred Russel Wallace and the Darwinian species concept: His paper on the swallowtail butterflies (Papilionidae) of 1865. *Gayana* 73(2)(suppl.): 35-47. [general; evolution; mimicry]
- 2009c. See Descimon, H. & J. L. B. Mallet, 2009.
- 2010a. Shift happens! Shifting balance and the evolution of diversity in warning colour and mimicry. *Ecological Entomology* 35(Supplement1): 90-104, 4 figs. (January; published online 4 January) [*Heliconius*; Neotropics]
- 2010b. See Baxter, S. W. et al., 2010.
- 2010c. See Counterman, B. A. et al., 2010.
- 2010d. See Dasmahapatra, K. K. et al., 2010a.
- 2010e. See Silva, D. L. de et al., 2010.
- 2010f. See Dasmahapatra, K. K. et al., 2010b.
- 2011a. See Silva, D. L. de et al., 2011.
- 2011b. See Hines, H. M. et al., 2011.
- 2012a. See Nadeau, N. J. et al., 2012.
- 2012b. See Rosser, N. et al., 2012.
- 2012c. See Dasmahapatra, K. K. et al., 2012.
- 2012d. See Kronforst, M. R. et al., 2012.
- 2012e. See Hill, R. I. et al., 2012.
- 2012f. See Merrill, R. M. et al., 2012.
- 2013a. See Nadeau, N. J. et al., 2013.
- 2013b. See Mérot, C. et al., 2013.
- 2013c. See Merrill, R. M. et al., 2013.
- 2013d. See Briscoe, A. D. et al., 2013.
- 2013e. See Martin, S. H. et al., 2013.
2014. See Rosser, N. et al., 2014.
- 2015a. See Keightley, P. D. et al., 2015.
- 2015b. See Kozak, K. M. et al., 2015.
- 2015c. See Rosser, N. et al., 2015.

- 2016a. See Wallbank, R. W. R. et al., 2016.
- 2016b. See Silva, D. L. de et al., 2016.
- 2016c. See Zhang, W. et al., 2016.
- 2016d. See Huertas, B. C. et al., 2016.
- 2016e. See Davey, J. W. et al., 2016.
- 2016f. *Nabokov's evolution*, pp. 235-242, pl. E5. In: Blackwell, S. H. & K. D. Johnson (Eds.), *Fine lines. Vladimir Nabokov's scientific art*. New Haven Yale University Press. [general; mimicry, crypsis]
- 2016g. See Chazot, N. et al., 2016c.
- 2016h. See Shapiro, B. J. et al., 2016.
- 2017a. See Silva, D. L. de et al., 2017.
- 2017b. *The ecology and evolution of Heliconius butterflies*, by Chris D. Jiggins (2016). *Tropical Lepidoptera Research* 27(2): 120 (19 December) [general; book review]
- 2017c. See Van Belleghem, S. M. et al., 2017.
- 2018a. See Chazot, N. et al., 2018.
- 2018b. See Jay, P. et al., 2018.
- 2019a. See Rosser, N. et al., 2019a.
- 2019b. See Morris, J. et al., 2019.
- 2019c. See Chazot, N. et al., 2019a.
- 2019d. See Ray, D. A. et al., 2019.
- 2019e. See Rosser, N. et al., 2019b.
- 2019f. Reply to Andrew Brower's critique of the evidence for hybridization among *Heliconius* butterfly species in the wild. *Zootaxa* 4679(3): 577-595, 3 figs. (3 October) [general; Neotropics]
- 2019g. See Edelman, N. B. et al., 2019.
- Mallet, James Louis Borlase, and Nicholas H. Barton**
- 1989a. Strong natural selection in a warning-color hybrid zone. *Evolution* 43(2): 421-431, 3 figs., 3 tabs. (15 March) [*Heliconiinae*; predators; Peru]
- 1989b. Inference from clines stabilized by frequency-dependent selection. *Genetics* 122(4): 967-976, 6 figs., 2 tabs. (August) [*Heliconius*]
- Mallet, James Louis Borlase, Nicholas H. Barton, Gerardo Lamas, José Santisteban, Manuel Muedas and Harriet Eeley**
1990. Estimates of selection and gene flow from measures of cline width and linkage disequilibrium in *Heliconius* hybrid zones. *Genetics* 124(4): 921-936, 5 fig., 7 tabs. (April) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus); Peru]
- Mallet, James Louis Borlase, Margarita Beltrán, Walter Michael Neukirchen and Mauricio Linares**
2007. Natural hybridization in heliconiine butterflies: the species boundary as a continuum. *BMC evolutionary Biology* 7(28): 1-15, 3 figs., 1 tab. (23 February) [general; evolution]
- Mallet, James Louis Borlase, Nora Besansky and Matthew W. Hahn**
2016. How reticulated are species? *Bioessays* 38(2): 140-149, 3 figs. (February; published online 28 December 2015) [*Heliconius*; evolution]
- Mallet, James Louis Borlase, and Kanchon Kumar Dasmahapatra**
2012. Hybrid zones and the speciation continuum in *Heliconius* butterflies. *Molecular Ecology* 21(23): 5643-5645, 1 fig., 1 tab. (December; published online 21 November) [general]
- Mallet, James Louis Borlase, and Lawrence Edmund Gilbert**
1995. Why are there so many mimicry rings? Correlations between habitat, behaviour and mimicry in *Heliconius* butterflies. *Biological Journal of the Linnean Society* 55(2): 159-180, 4 figs., 4 tabs. ([20] June) [general]
- Mallet, James Louis Borlase, and Hopi E. Hoekstra**
2016. Ecological genetics: A key gene for mimicry and melanism. *Current Biology* 26(17): R802-R804, 1 fig. (12 September) [*Heliconius*; evolution]
- Mallet, James Louis Borlase, Nick J. B. Isaac and Georgina M. Mace**
2005. Response to Harris and Froufe, and Knapp *et al.*: Taxonomic inflation. *Trends in Ecology and Evolution* 20(1): 8-9 (January) [*Astraptes*, *Heliconius*]
- Mallet, James Louis Borlase, and Dorothy Anne Jackson**
1980. The ecology and social behaviour of the Neotropical butterfly *Heliconius xanthocles* Bates in Colombia. *Zoological Journal of the Linnean Society* 70(1): 1-13, 6 figs., 2 tabs. ([26] September) [life history; mimicry]
- Mallet, James Louis Borlase, Christopher David Jiggins and William Owen McMillan**
1996. Evolution: Mimicry meets the mitochondrion. *Current Biology* 6(8): 937-940, 2 figs., 1 tab. [*Heliconius*]
- Mallet, James Louis Borlase, and Mathieu Joron**
1999. Evolution of diversity in warning color and mimicry: Polymorphisms, shifting balance, and speciation. *Annual Review of Ecology and Systematics* 30: 201-233, 3 figs. [general]
- Mallet, James Louis Borlase, and John Thomas Longino**
1982. Hostplant records and descriptions of juvenile stages for two rare species of *Eueides* (Nymphalidae). *Journal of the Lepidopterists' Society* 36(2): 136-144, 2 figs. (24 September) [*E. lineata* Salvin & Godman, *E. vibilia* Godart; Mexico, Costa Rica]
- Mallet, James Louis Borlase, John Thomas Longino, Darlyne A. Murawski, A. Murawski and Annie Simpson de Gamboa**
1987. Handling effects in *Heliconius*: where do all the butterflies go? *Journal of Animal Ecology* 56: 377-386, 2 tabs. [Costa Rica]
- Mallet, James Louis Borlase, William Owen McMillan and Christopher David Jiggins**
- 1998a. Estimating the mating behavior of a pair of hybridizing *Heliconius* species in the wild. *Evolution* 52(2): 503-510, 3 tabs. (6 May) [*H. erato* (Linnaeus), *H. himera* Hewitson; Ecuador]
- 1998b. *Mimicry and warning color at the boundary between races and species*, pp. 390-403, 5 figs., 2 tabs. In: Howard, D. J. & S. H. Berlocher (Eds.), *Endless Forms. Species and Speciation*. New York, Oxford University Press [*Heliconius*; genetics; ecology; evolution]
- Mallet, James Louis Borlase, and Michael C. Singer**
1987. Individual selection, kin selection, and the shifting balance in the evolution of warning colours: the evidence from butterflies. *Biological Journal of the Linnean Society* 32(4): 337-350, 1 fig. ([21] December) [general; Neotropics]
- Mallet, James Louis Borlase, and John Richard George Turner**
1998. *Biotic drift or the shifting balance - did forest islands drive the diversity of warningly coloured butterflies?*, pp. 262-280, 3 figs. In: Grant, P. R. (Ed.), *Evolution on Islands*. Oxford, Oxford University Press. [*Heliconius*]
- Mallock, A.**
1911. Note on the iridescent colours of birds and insects. *Proceedings of the Royal Society of London (A)* 85(582): 598-605, pl. 11 (30 November) [also in *Smithsonian Report* 1911: 425-432, pls. 1-3; 1912] [general]
- Malm, Tobias**
2012. See Nyman, T. et al., 2012.
2018. See Rota, J. et al., 2018.
- Malo, Charles** [1790-1871]
- [1816]. *Les Papillons*. Paris, Janet. [2] + x + 11-98 + [8] pp., 11 pls. [general]
- Malo, Federico**
1961. Phoresy in *Xenufens* (Hymenoptera: Trichogrammatidae),

- a parasite of *Caligo eurilochus* (Lepidoptera: Nymphalidae). *Journal of economic Entomology* 54(3): 465-466, 1 tab. (7 June) [Ecuador]
- Malo, Federico, and Edwin R. Willis**  
1961. Life history and biological control of *Caligo eurilochus*, a pest of banana. *Journal of economic Entomology* 54(3): 530-536, 21 figs., 3 tabs. (7 June) [egg, larva, pupa, imago; host plant; behavior; parasitoids; predator; Ecuador]
- Malpartida-Zevallos, Jenny, Mónica Narrea-Cango and William Dale-Larrabure**  
2013. Patogenicidad de *Beauveria bassiana* (Bals) Vuill., sobre el gusano defoliador del maracuyá *Dione juno* (Cramer) (Lepidoptera: Nymphalidae) en laboratorio. *Ecología aplicada* (Lima) 12(2): 75-81, 7 figs., 2 tabs. (December) [host plant; Peru]
- Maltha, Celia Regina Alvares**  
2003. See Estrela, J. L. V. et al., 2003.
- Manara, Bruno** [1939- ]  
[1982]. *Mariposas del Ávila*. Caracas, Federación Nacional de Cultura Popular. 48 pp., figs. [general; Venezuela]  
1983. *Nuestro primer parque*. Caracas, Fundación Nacional de Cultura Popular. 48 pp., figs. [general; Venezuela]  
1994. *25 mariposas de Caracas*. Caracas, Alcaldía de Caracas, Fondo Editorial Fundarte. 85 pp., figs. (October) [general; Venezuela]  
1996. Respuesta a Angel Vilorio sobre una "nota bibliográfica". *Boletín de Entomología venezolana* (N.S.) 11(2): 205-206 (December) [general; Venezuela]  
1998. *Parque Nacional "EL Tamá"*. Caracas, Fundación Polar/Fundación Instituto Botánico de Venezuela. [ii] + 170 pp., 193 figs. [general; Venezuela]
- Mancía, José E., and Miguel R. Cortez**  
1975. Lista de insectos clasificados encontrados en el cultivo del frijol *Phaseolus vulgaris* L. *Siades* 4: 120-136. [*Urbanus* (*Eudamus*) *proteus* (Linnaeus), *Strymon* sp.; El Salvador]
- Mancini, Karina, Sônia Nair Bão, Adrienne Paiva Fernandes and Mary Anne Heidi Dolder**  
2005. Immunocytochemical localization of tubulins in spermatids and spermatozoa of *Euptoieta hegesia* (Lepidoptera: Nymphalidae). *Tissue and Cell* 37(2): 81-89, 3 figs., 1 tab. (April) [Brazil]
- Mancini, Karina, and Mary Anne Heidi Dolder**  
2001. Ultrastructure of apyrene and eupyrene spermatozoa from the seminal vesicle of *Euptoieta hegesia* (Lepidoptera: Nymphalidae). *Tissue and Cell* 33(3): 301-308, 30 figs. (June) [Brazil]  
2003. Sperm morphology and arrangement along the male reproductive tract of the butterfly *Euptoieta hegesia* (Insecta: Lepidoptera). *Invertebrate Reproduction and Development* 44(2/3): 107-117, 2 figs. (September) [Brazil]  
2004a. Dichotomic spermiogenesis in *Euptoieta hegesia* (Lepidoptera: Nymphalidae). *Brazilian Journal of morphological Sciences* 21(1): 13-23, 4 figs. [Brazil]  
2004b. Protein detection in spermatids and spermatozoa of the butterfly *Euptoieta hegesia* (Lepidoptera). *Biocell* (Mendoza) 28(3): 299-310, 4 figs. (December) [Brazil]
- Mandarino, Adriano Pereira**  
2015. See Mapeli, N. C. et al., 2015.
- Mandracchia, Joanne**  
1982. See Singer, M. C. & J. Mandracchia, 1982.
- Manger, William T.**  
1904. [A note]. *Proceedings of the South London entomological & natural History Society* 1903-04: 76 [*Catagramma*, *Perisama*, *Callicore*; South America]
1905. [A note]. *Proceedings of the South London entomological & natural History Society* 1904-05: 58 [*Callidryas drya* (Fabricius), *Helicopis cupido* (Linnaeus), *Megistanis baeotus* [sic] Doubleday; Guyana, Brazil, Colombia]
- Mani, Mahadeva Subramania** [1908-2003]  
1962. *Introduction to high altitude entomology. Insect life above the timber-line in the north-west Himalaya*. London, Methuen & Co. xix + 302 pp., frontisp., 5 pls., figs. [general; South America]  
1968. *Ecology and biogeography of high altitude insects*. The Hague, Dr. W. Junk. xiv + 527 pp., 80 figs., 41 tabs. (*Series entomologica*, 4) [general; South America]  
1985. Ecology and biogeography of butterflies from the Himalaya. *Journal of Research on the Lepidoptera Supplement* 1: 86-104 ([after October]) [general; South America]
- Manil, Luc**  
1999. *Danaus plexippus* L. (Monarque) est-il menacé par le maïs transgénique? *Bulletin des Lépidoptéristes parisiens* 8(14): 77, 1 fig. (December) [migration; Mexico]  
2009. See Mérit, X. C. et al., 2009.
- Manica, Andrea**  
2013. See Martin, S. H. et al., 2013.
- Manjunath, Ramya**  
2017. See Janzen, D. H. et al., 2017.
- Mankin, Richard W.**  
2004. See Hay-Roe, M. M. & R. W. Mankin, 2004.
- Manley, William Bridgeman Lambert** [1899-1985]  
1933. *Morpho achilles* L. *Entomologist* 66(846): 261 (November) [Brazil]
- Mann, Darren J., and Jack Cunningham**  
2001. The Bulow Lepidoptera collection. *Bulletin of the amateur Entomologists' Society* 60(439): 220-230, pl. 1, 1 tab. (December) [general]
- Mann, Darren J., and Zoë Simmons**  
2009. The Hope entomological collections. *Antenna* 33(1): 34-38, figs. [general; history]
- Mann, Florian**  
2017. See Darragh, K. et al., 2017.  
2019a. See Stamm, P. et al., 2019.  
2019b. See Rosser, N. et al., 2019b.
- Mann, Florian, Sohini Vanjari, Neil Rosser, Sandra Mann, Kanon Kumar Dasmahapatra, Chris Corbin, Mauricio Linares, Carolina Pardo-Díaz, Camilo Andrés Salazar, Christopher David Jiggins and Stefan Schulz**  
2017. The scent chemistry of *Heliconius* wing androconia. *Journal of chemical Ecology* 43(9): 843-857, 4 figs., 4 tabs. (September; published online 8 August) [general]
- Mann, Guillermo** [1919-1967]  
1960. Regiones biogeográficas de Chile. *Investigaciones zoológicas chilenas* 6: 15-47, 9 pls., 22 figs. (15 July) [general]  
1961. Regiones biogeográficas de Chile. *Revista geográfica de Chile* 19: 62-93, figs. [general]
- Mann, John** [1905- ]  
1969. Cactus-feeding insects and mites. *Bulletin of the United States national Museum* 256: x + 158 pp., 8 pls. (28 February) [*Thecla melanis* (Drury); Argentina]
- Mann, Sandra**  
2017. See Mann, F. et al., 2017.
- Manno, Nicola, Walter Humberto Zelada, Cezar Medina, Carlos León, Clemens Schwarzingler, Manuela List, Wolfgang Schoefberger, Freddy R. Mejía, José Mostacero, Andrea Battisti and Maurizio Guido Paoletti**  
2018. Edible insects and other chitin-bearing foods in ethnic

- Peru: Accessibility, nutritional acceptance, and food security implications. *Journal of Ethnobiology* 38(3): 424-447, 5 figs., 4 tabs. (October) [*Brassolis sophorae* (Linnaeus), *B. astyra* (Godart)]
- Manos-Jones, Maraleen**  
2000. *The spirit of butterflies. Myth, magic and art.* New York, Harry N. Abrams, Inc. 144 pp., figs. [general]
- Manrique, Julio**  
1920. [Notes]. *Boletín de la Sociedad colombiana de Ciencias naturales* 7(56/58): 80-87 (June) [general; Colombia]
- Mantese, Anita**  
2002. See Medan, D. et al., 2002.
- Mantilla, Carlos E.**  
1993. See Vergara, R. A. & C. E. Mantilla, 1993.
- Manton, Paul**  
2004. The Gardiner Gregory Lepidoptera collection. *News of the Lepidopterists' Society* 46(1): 18, 20, 1 fig. (1 April) [general]  
2014. The "Mexican Cecropias". *News of the Lepidopterists' Society* 56(2): 79, 91 (27 May) [general; Neotropics]
- Manuel, Raymond**  
1982. A hesperiid hitch-hiker. *Living World* 1981-1982: 20. [*Nisoniades rubescens* Möschler; Trinidad]
- Manzano, Iván**  
1997. See Piñas, F. & I. Manzano, 1997.  
2001. See Piñas, F. & I. Vanzano, 2001.
- Mapeli, Nilbe Carla, Ricardo Henrique Silva Santos, Vicente Wagner Dias Casali, Cassiano Cremon, Adeildo Nascimento da Silva and Adriano Pereira Mandarino**  
2015. Deterrença alimentar em *Ascia monuste orseis* Godart (Lepidoptera: Pieridae) induzida por soluções homeopáticas. *Ceres* (Viçosa) 62(2): 184-190, 2 tabs. (April) [host plant; Brazil]
- Mapleson, Daniel**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Mappes, Johanna**  
2016. See Arias, M. M. et al., 2016b.  
2017. See Cuthill, I. C. et al., 2017.  
2018. See Rojas, B. et al., 2018.  
2019. See Arias, M. M. et al., 2019.
- Maracajá, Patricio Borges**  
2011. See Pereira, D. S. et al., 2011.
- Maradiegue, Edmundo Igor**  
2007. See Aguirre, L. F. et al., 2007.
- Marmorosch, Karl**  
1977. A field guide to the butterflies of the West Indies. 1976. *Journal of the New York entomological Society* 84(4): 232 (10 March) [book review]
- Maranhão, Zilkar Cavalcante** [1913- ]  
1938. Principaes pragas da figueira cultivada. *Revista de Agricultura* (Piracicaba) 13(3/4): 140-157, 12 figs. (March-April) [*Ituna ilione* (Cramer); life history; Brazil]  
1945. *Chlosyne saundersii* [sic] praga do girassol. *Revista de Agricultura* (Piracicaba) 20(5/6): 199 (May-June) [Brazil]  
1962. Brocas. *Boletim didático da Escola superior de Agricultura "Luiz de Queiroz"* (Piracicaba) 1: 1-17, 4 figs. [*Thecla basilides* (Geyer); Brazil]
- Marassá, Ana Maria**  
1985. As lagartas das palmeiras. *Revista de Ensino de Ciências* (São Paulo) 12: 26-28, figs. (March) [*Brassolis astyra* (Godart), *B. sophorae* (Linnaeus); host plants; Brazil]
- Maravalhas, Jonas Brochado**  
2008. See Pinheiro, C. E. G. et al., 2008a.
- Marcano, Eugenio de Jesús** [1923-2003]  
1976. Rectificación a lista de mariposas dominicanas. *Naturalista postal* 5/76: [1] (23 January) [*Phoebis trite watsoni* Brown; República Dominicana]
- Marcano, Luis**  
1962. See Báscones, L. et al., 1962.
- Marchal, [G.]**  
1845a. Notes rectificatives sur la nomenclature de quelques insectes Orthoptères et Lépidoptères exposés dans les galeries du Muséum d'histoire naturelle de Paris. *Revue zoologique* (Paris) 8(4): 163-172 (April) [*Morpho helenor* (Cramer), *M. achilles* (Linnaeus)]  
1845b. Note sur l'identité du *Papilio lavinius* de Fabricius, avec la *Nymphalis steneles* des auteurs. *Revue zoologique* (Paris) 8(4): 175-176 (April)
- Marchiori, Maria Ostília de Oliveira**  
2007. See Morais, A. B. B. de et al., 2007.
- Marchiori, Maria Ostília de Oliveira, and Helena Piccoli Romanowski**  
2006a. Species composition and diel variation of a butterfly taxocene (Lepidoptera, Papilionoidea and Hesperioidea) in a restinga forest at Itapuã State Park, Rio Grande do Sul, Brazil. *Revista brasileira de Zoologia* 23(2): 443-454, 11 figs., 3 tabs. (30 June) [general]  
2006b. Borboletas (Lepidoptera, Papilionoidea e Hesperioidea) do Parque Estadual do Espinilho e entorno, Rio Grande do Sul, Brasil. *Revista brasileira de Zoologia* 23(4): 1029-1037, 1 fig., 2 tabs. (31 December) [general]
- Marchiori, Maria Ostília de Oliveira, Helena Piccoli Romanowski and Milton de Souza Mendonça, Jr.**  
2014. Mariposas en dos ambientes forestales contrastantes en el sur de Brasil (Lepidoptera: Hesperioidea & Papilionoidea). *Shilap* 42(166): 221-236, 4 figs., 2 tabs. (30 June) [general; diversity]
- Marcicano, Maria Dulce Leão, Iracilda Maria de Moura Lima, Marcelo Teixeira Tavares and Mirna Martins Casagrande**  
2007. Parasitism of *Brassolis sophorae laurentii* Stichel (Lepidoptera: Nymphalidae, Brassolinae) pupae by *Conura morleyi* (Ashmead) (Hymenoptera: Chalcididae, Chalcidini), in the state of Alagoas, Brazil. *Neotropical Entomology* 36(4): 629-631, 2 figs. (July-August) [host plant]
- Marcicano, Maria Dulce Leão, Silvio Shigueo Nihei and Iracilda Maria de Moura Lima**  
2009. First host record for *Winthemia analis* (Macquart) (Diptera: Tachinidae: Exoristinae) in Brazil: *Brassolis sophorae laurentii* Stichel (Lepidoptera: Nymphalidae: Brassolinae). *Neotropical Entomology* 38(4): 550-552, 1 fig. (August) [host plant]
- Marco, Vicente**  
2011. See Aragón, A. et al., 2011.
- Marco, Paulo de, Jr.**  
1997. See Mielke, O. H. H. et al., 1997.
- Marconato, Gláucia**  
2012. See Duarte, M. et al., 2012.
- Marcos, Júlio, Filho**  
1968. See Nakano, O. et al., 1968.
- Marcus, Harry**  
1949a. La mecánica de la trompa de las mariposas. *Folia universitaria* (Cochabamba) 3: 52-60, 5 figs. (August) [*Meganostoma helenae* (Reakirt), *Pteromyia apuleia* (Hewitson)]  
1949b. Receptores en las antenas y trompa de las mariposas. *Folia universitaria* (Cochabamba) 3: 82-85, 4 figs. (August) [*Dione vanillae* (Linnaeus); Bolivia]
- Marcus, Jeffrey M.**  
2005. Jumping genes and AFLP maps: transforming lepidopteran color pattern genetics. *Evolution &*



- Development* 7(2): 108-114, 3 figs. (March; published online 25 February) [general]
- 2014a. See Borchers, T. E. & J. M. Marcus, 2014.
- 2014b. See Gemmell, A. P. et al., 2014.
- 2015a. See Abbasi, R. & J. M. Marcus, 2015a.
- 2015b. See Gemmell, A. P. & J. M. Marcus, 2015.
- 2015c. See Abbasi, R. & J. M. Marcus, 2015b.
2016. See Peters, M. J. & J. M. Marcus, 2016.
- 2017a. See Peters, M. J. & J. M. Marcus, 2017.
- 2017b. See Abbasi, R. & J. M. Marcus, 2017.
- 2019a. See Lalonde, M. M. L. & J. M. Marcus, 2019a.
- 2019b. See Lalonde, M. M. L. & J. M. Marcus, 2019b.
- 2019c. See Lalonde, M. M. L. & J. M. Marcus, 2019a.
- 2019d. See Lalonde, M. M. L. & J. M. Marcus, 2019b.
- Marden, James H.**
1992. Newton's second law of butterflies. *Natural History* (New York) 101(1): 54-61, figs. (January) [general; evolution; behavior; Costa Rica]
- Marden, James H., and Peng Chai**
1991. Aerial predation and butterfly design: How palatability, mimicry, and the need for evasive flight constrain mass allocation. *American Naturalist* 138(1): 15-36, 5 figs., 7 tabs. (July) [general; Costa Rica]
- Mardones, Daniela**
2014. See Zúñiga, A. & D. Mardones, 2014.
- Maréchal, Paul**
1964. Sur quelques comportements particuliers d'insectes du Paraguay (Lépidoptères, Hyménoptères). *Natura mosana* 17(3): 41-46 (July-September) [general; behavior]
- Mareggiani, Graciela Silvia, and Ana María Garau**
2006. Herbivoría diferencial frente al lepidóptero especialista *Phocides polybius phanias* (Hesperiidae). *Boletín de Sanidad Vegetal, Plagas* 32(4)(2): 757-762, 7 figs. [host plant; Argentina]
- Marent, Thomas** [1966- ]
2008. *Butterfly*. London, Dorling Kindersley Limited. 280 pp., figs. [general]
- Maresova, Jana**
2019. See Fric, Z. F. et al., 2019.
- Margaría, Cecilia Beatriz**
2015. See Almeida, G. de S. S. de et al., 2015.
- Margaría, Cecilia Beatriz, Hélcio Reinaldo Gil-Santana, Oton Meira Marques and Marta Susana Loiacono**
2008. *Telenomus* (Hymenoptera: Scelionidae), egg parasitoid of *Caligo brasiliensis* (C. Felder, 1862) (Lepidoptera: Nymphalidae) in Southern Brazil. *Entomological News* 118(5): 519-522, 2 figs. (18 January) [host plants]
- Marggraf, Georg** [1610-1644]
1648. *Historiae rerum naturalium brasiliae, libri octo. Quorum tres priores agunt de plantis. Quartus de piscibus. Quintus de avibus. Sextus de quadrupedibus, et serpentibus. Septimus de insectis. Octavus de ipsa regione, et illius incolis. Cum appendice de tepuyis et chilensibus.* [viii] + 293 + [7] pp., figs. In: Laet, J. (Ed.), *Historia naturalis brasiliae, auspicio et beneficio illustriss. I. Mauritii Com. Nassau illius provinciae et maris summi praefecti adornata. In qua non tantum plantae et animalia, set et indigenarum morbi, iggenia et mores describuntur et iconibus supra quingentas illustrantur.* Lugduni Batavorum, Franciscum Hackium, et Amstelodami, Ludovicus Elzevirium. (1): [xii] + 122 + [2] pp.; (2): [viii] + 293 + [7] pp., figs. [Ed. 2, 1658] [general]
1942. *História natural do Brasil*. São Paulo, Museu Paulista. [4] + iv + [xii] + 297 + [2] + civ pp., figs. [translated by J. P. de Magalhães; edited by A. de E. Taunay] [general]
- Margheritis, Aurelio Emilio** [1921-1974]
- 1952a. Ensayos a campo de productos insecticidas contra la "isoca de la alfalfa" *Colias lesbia* (F.). *Idia* (Buenos Aires) 5(52): 3-4 (April) [Argentina]
- 1952b. See Costa, J. J. et al., 1952.
1953. Nuevos ensayos comparativos de insecticidas contra la "isoca de la alfalfa". *Idia* (Buenos Aires) 70: 24-25, 1 tab. (October) [*Colias lesbia* (Fabricius); Argentina]
1954. Experiencias en el control de *Colias lesbia* (F.). *Idia* (Buenos Aires) 78: 8-9. [Argentina]
1956. Aplicación de diversos insecticidas en el control de la isoca de la alfalfa. *Idia* (Buenos Aires) 103: 23-24, 2 graphs (July) [*Colias lesbia* (Fabricius); Argentina]
1959. Biología y control de la isoca de la alfalfa *Colias lesbia* (F.). *Boletín fitosanitario* (Buenos Aires) 3: 3-21, 1 pl. (September) [Argentina]
- Margheritis, Aurelio Emilio, and Horacio Fausto Emilio Rizzo**
1964. Lista de artrópodos recolectados en el Lago Argentino. *Primera Comunicación. Publicación. Instituto nacional del Hielo continental patagónico* (Buenos Aires) 7: 43-52. [general; Argentina]
1965. *Lepidoptera de interés agrícola. Orugas, isocas y otras larvas que dañan a los cultivos*. Buenos Aires, Editorial Sudamericana. 197 pp., 59 figs. (30 March) [general; host plants; behavior; parasitoids and predators; Argentina]
1970. Lista de artrópodos recolectados en el Lago Argentino (Provincia de Santa Cruz) - (Segunda comunicación). *Revista de la Sociedad entomológica argentina* 32(1/4): 163-164 (29 December) [*Neomaenas chilensis* (Guérin); Argentina]
- Margheritis, Aurelio Emilio, and Alberto M. Vigevano**
1957. Nuevas experimentaciones para el control de *Colias lesbia* (F.). *Idia* (Buenos Aires) 117: 7-10, 1 tab., 1 graph (September) [Argentina]
- Mari, Isabelle Pereira, Adriana Aparecida Sinópolis Gigliolli, Satiko Nanya and Ana Luiza de Brito Portela-Castro**
2018. Histological and electron microscopy observations on the testis and spermatogenesis of the butterfly *Dione juno* (Cramer, 1779) and *Agraulis vanillae* (Linnaeus, 1758) (Lepidoptera: Nymphalidae). *Micron* 109: 11-21, 7 figs., 1 tab. (June; published online 20 March) [Brazil]
- Maria, Mário de**
1997. See Mielke, O. H. H. et al., 1997.
- Maria, Susanne Lúcia Silva de**
2016. See Lima Neto, J. E. et al., 2016.
- María y Campos, Teresa, and Teresa Castelló**
1990. *Historia y arte de la seda en México. Siglos XVI-XX*. México, Fomento Cultural Banamex. 180 pp., figs. (July) [*Eucheira socialis* Westwood; life history; host plant]
- Mariano, Néstor A.**
2009. See Torres, C. et al., 2009.
2015. See Legal, L. et al., 2015.
- Mariano-Neto, Eduardo**
2009. See Pardini, R. et al., 2009.
2017. See Cambuí, E. C. B. et al., 2017.
2019. See Vasconcelos, R. N. de et al., 2019.
- Mariau, Dominique**
2001. *The fauna of oil palm and coconut. Insect and mite pests and their natural enemies*. Montpellier, CIRAD. 249 pp., [14] pls., 3 tabs. [Hesperiidae, Brassolini; Neotropics]
- Mariconi, Francisco de Assis Menezes**
1952. As lagartas das palmeiras. A - *Brassolis sopharae* [sic] (Lineu, 1758). B - *Brassolis astyra* Godart 1821. *O Biológico* (São Paulo) 18(6): 103-107, 5 figs. (June) [life history; distribution; Trinidad, Colombia, Venezuela, Guyana, Surinam, Ecuador, Peru, Bolivia, Argentina, Paraguay, Brazil]

1953. Broca do abacaxi. *O Biológico* (São Paulo) 19(2): 37 (February) [*Thecla basilides* Geyer; host plant; Brazil]
1958. *Inseticidas e seu emprego no combate às pragas*. São Paulo, Editora Agronômica Ceres Ltda. 531 pp., 210 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; distribution; parasitoids; Brazil]
1963. *Inseticidas e sue emprego no combate às pragas*. São Paulo, Editora Agronômica Ceres Ltda. xv + 607 pp., 270 figs. [Ed. 2; Ed. 3, 1971] [general; host plants; eggs, larvae, pupae, imagines; behavior; distribution; parasitoids; Brazil]
1974. *Insetos daninhos às plantas cultivadas*. São Paulo, Livraria Nobel S. A. 123 pp., 60 + 22 figs. [Ed. 3; Ed. 1, 1969] [general; host plants; larvae, imagines; behavior; Brazil]
- Mariconi, Francisco de Assis Menezes, and José Soubihé, Sobrinho**
1961. Contribuição para o conhecimento de alguns insetos que depredam a goiabeira (*Psidium guajava* L.). *Publicação Científica. Instituto de Genética. Escola superior de Agricultura "Luiz de Queiroz"* (Piracicaba) 2: 35-67, 3 pls. (June) [*Pyrrhopyge charibdis* Doubleday, *Euselasia eucerus* (Hewitson); Brazil]
- Mariconi, Francisco de Assis Menezes, and Adiel Paes Leme Zamith**
1954. Contribuição para o conhecimento de *Brassolis sophorae* (Linnaeus, 1758), *B. astyra* Godart, 1821 [sic] (Lepid.-Brassolidae) e de seus inimigos naturais. *Anais da Escola superior de Agricultura "Luiz de Queiroz"* (Piracicaba) 11: 159-214, 22 figs., 4 tabs. [egg, larva, pupa, imago; host plants; parasitoids, fungi; distribution; Trinidad, Venezuela, Colombia, Guyana, Surinam, Ecuador, Bolivia, Peru, Argentina, Paraguay, Brazil]
1963. Inseticidas contra as "lagartas das palmeiras". *São Paulo agrícola* 5(49): 8-11, 2 figs., 1 tab. (January) [*Brassolis sophorae* (Linnaeus), *B. astyra* Godart; Brazil]
- Marie, Franck**
1995. Survey on pineapple pests and diseases on the Caribbean. *Tropical Fruits Newsletter* (Port-of-Spain) 14: 3-4. [*Thecla basilides* (Geyer); Trinidad]
- Marigo, Luiz Claudio**
1990. See Otero, L. S. & L. C. Marigo, 1990.
1992. See Otero, L. S. & L. C. Marigo, 1992.
- Marín, Alba Lucía**
2015. See Marín, M. A. et al., 2015.
- Marín, José Carlos**
1965. Lista preliminar de algunos insectos de interés para la enseñanza agronómica en Venezuela. *Agronómica* (Valencia, Venezuela) 7(35): 68-78. [general]
- 1969a. Lista preliminar de insectos de la lechosa (*Carica papaya* L.) en Venezuela. *Fitotecnica latinoamericana* 6(2): 1-7 (July-December) [*Lycorea ceres* (Cramer)]
- 1969b. Insectos relacionados con la lechosa (*Carica papaya* L.) en Venezuela. *Agronomía tropical* (Maracay) 19(4): 251-267, 2 figs. (October-December) [*Lycorea ceres* (Cramer), *Phoebis sennae* (Linnaeus)]
1971. Síntesis preliminar del uso de insecticidas orgánico-sintéticos en el control de algunas plagas agrícolas en Venezuela. *Revista de la Facultad de Agronomía de la Universidad central de Venezuela, Alcance* 17: 1-48 (September) [*Ascia monuste* (Linnaeus), *Pieris aripa* Boisduval; host plants]
1973. Lista preliminar de plagas de Annonaceae, níspero (*Achras zapota* L.) y guayaba (*Psidium guajava* L.) en Venezuela. *Agronomía tropical* (Maracay) 23(2): 205-216 (March-April) [*Thecla ortygnus* (Cramer), *Echelatus simplicior* (Möschler)]
1975. Plagas de insectos en algunos frutales de importancia económica en Venezuela. *Boletín técnico. Fondo de Desarrollo frutícola* (Caracas) 3: 1-73, figs. [general; host plants]
- Marín, Juan David**
2013. See Duque, P. et al., 2013.
2014. See Duque, P. et al., 2014.
- Marín, Linda**
2004. See León, J. L. et al., 2004.
- Marín, Linda, Jorge Leonel León and Constantí Stefanescu**
2009. The effect of an agro-pasture landscape on diversity and migration patterns of frugivorous butterflies in Chiapas, Mexico. *Biodiversity and Conservation* 18(4): 919-934, 3 figs., 4 tabs. (April; published online 14 December 2008) [general]
- Marín, Mario Alejandro**
2010. See Clavijo, A. et al., 2010.
- 2012a. See Freitas, A. V. L. et al., 2012b.
- 2012b. See Nakahara, S. et al., 2012.
2014. See Seraphim, N. et al., 2014.
2015. See Nakahara, S. et al., 2015a.
- 2016a. See Nakahara, S. et al., 2016a.
- 2016b. See Pyrcz, T. W. et al., 2016b.
- 2016c. See Barbosa, E. de P. et al., 2016.
- 2016d. See Freitas, A. V. L. et al., 2016d.
- 2016e. See Nakahara, S. et al., 2016c.
- [2016]f. See Giraldo, C. E. et al., [2016].
- 2017a. See Álvarez, C. F. et al., 2017.
- 2017b. See Barbosa, E. de P. et al., 2017.
- 2018a. See Freitas, A. V. L. et al., 2018b.
- 2018b. See Willmott, K. R. et al., 2018.
- 2019a. See Espeland, M. et al., 2019.
- 2019b. See Nakahara, S. et al., 2019a.
- 2019c. See Willmott, K. R. et al., 2019.
- Marín, Mario Alejandro, Carlos Federico Álvarez, Carlos Eduardo Giraldo, Tomasz Wilhelm Pyrcz, Sandra Inés Uribe and Roger Vila**
2014. Mariposas en un bosque de niebla andino periurbano en el valle de Aburrá, Colombia. *Revista mexicana de Biodiversidad* 85(1): 200-208, 2 figs., 2 tabs. (March) [general]
- Marín, Mario Alejandro, Isabel Cristina Cadavid, Luisa Marcela Valdés, Carlos Federico Álvarez, Sandra Inés Uribe, Roger Vila and Tomasz Wilhelm Pyrcz**
- 2017a. DNA barcoding of an assembly of montane Andean butterflies (Satyrinae): Geographical scale and identification performance. *Neotropical Entomology* 46(5): 514-523, 3 figs. (October; published online 23 January) [general; Colombia]
- Marín, Mario Alejandro, Carlos Eduardo Giraldo, Alba Lucía Marín, Carlos Federico Álvarez and Tomasz Wilhelm Pyrcz**
2015. Differences in butterfly (Nymphalidae) diversity between hillsides and hilltop forest patches in the northern Andes. *Studies on Neotropical Fauna and Environment* 50(3): 194-203, 3 figs., 4 tabs. (published online 16 November) [general; Colombia]
- Marín, Mario Alejandro, Andrés López, André Victor Lucci Freitas and Sandra Inés Uribe**
2009. Caracterización molecular de Euptychiina (Lepidoptera: Satyrinae) del norte de la Cordillera Central de los Andes. *Revista colombiana de Entomología* 35(2): 235-244, 4 figs., 3 tabs. (December) [general; Colombia]
- Marín, Mario Alejandro, Andres López and Sandra Inés Uribe**
2012. Interspecific variation in mitochondrial serine transfer RNA

- (UCN) in Euptychiina butterflies (Lepidoptera: Satyrinae): Structure and alignment. *Mitochondrial DNA* 23(3): 208-215, 3 figs., 1 tab. (June) [general; Colombia]
- Marín, Mario Alejandro, Carlos Peña, André Victor Lucci Freitas, Niklas Wahlberg and Sandra Inés Uribe**
2011. From the phylogeny of the Satyrinae butterflies to the systematics of Euptychiina (Lepidoptera: Nymphalidae): History, progress and prospects. *Neotropical Entomology* 40(1): 1-13, 3 figs., 2 tabs. (February) [general; Neotropics]
- Marín, Mario Alejandro, Carlos Peña, Sandra Inés Uribe and André Victor Lucci Freitas**
- 2017b. Morphology agrees with molecular data: phylogenetic affinities of Euptychiina butterflies (Nymphalidae: Satyrinae). *Systematic Entomology* 42(4): 768-785, 10 figs., 1 tab. (October; published online 21 June) [general]
- Marín, Mario Alejandro, and Sandra Inés Uribe**
2009. Actualización sobre Euptychiina (Lepidoptera: Satyrinae) representadas en la colección del Museo Entomológico Francisco Luis Gallego. *Boletín del Museo entomológico Francisco Luis Gallego* 1(2): 22-32, 1 tab. (June) [general; Colombia, Ecuador, Peru]
- Marín, Mario Alejandro, Thamara Zacca, Shinichi Nakahara, Eduardo de Proença Barbosa, Marianne Espeland, Blanca Cecilia Huertas, Gerardo Lamas, Keith Richard Willmott and André Victor Lucci Freitas**
2019. *An overview of the Euptychiina (Satyrinae) diversity*, pp. 76-98, 1 fig.. In: Guarín, J. H., C. E. Giraldo & J. L. Jaramillo (Eds.), *Memorias & Resúmenes. Congreso Sociedad Colombiana de Entomología*. Medellín, Sociedad Colombiana de Entomología. (July) [general]
- Marín, Oscar Humberto, Rocío García, Walter Fabio Gómez and Wilson Pinzón**
2011. Diversidad de mariposas y su relación con la fenología reproductiva de *Inga ornata* Kunth (Mimosoidae) en un agroecosistema ganadero del Quindío, Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(2): 105-118, 2 figs., 1 tab. (December) [general]
- Marini, Lorenzo, and Myron Phillip Zalucki**
2017. Density-dependence in the declining population of the monarch butterfly. *Scientific Reports* 7(13957): 1-8, 3 figs., 2 tabs. (published online 24 October) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Marini-Filho, Onildo João**
1997. See Freitas, A. V. L. et al., 1997.
- 2011a. See Freitas, A. V. L. & O. J. Marini-Filho, 2011.
- 2011b. See Freitas, A. V. L. et al., 2011b.
2013. See Garzón, I. J. et al., 2013.
- 2014a. See Freitas, A. V. L. et al., 2014.
- 2014b. See Cunha, W. L. da et al., 2014.
- 2015a. See Freitas, A. V. L. et al., 2015a.
- 2015b. See Bedê, L. C. et al., 2015.
- 2015c. See Kaminski, L. A. et al., 2015b.
- 2015d. See Van Swaay, C. et al., 2015.
2016. See Santos, J. P. dos et al., 2016.
2018. See Iserhard, C. A. et al., 2018.
- Marini-Filho, Onildo João, and Woodruff Whitman Benson**
2010. Use of sound and aerial chases in sexual recognition in Neotropical *Hamadryas* butterflies (Nymphalidae). *Journal of Research on the Lepidoptera* 42: 5-12, 2 figs., 3 tabs. (31 January) [behavior; Brazil]
- Marini-Filho, Onildo João, and Rogério Parentoni Martins**
2000. Teoria de metapopulações. Novos princípios na biologia da conservação. *Ciência Hoje* 27(160): 22-29, 5 figs. (May) [general; Brazil]
2010. Nymphalid butterfly dispersal among forest fragments at Serra da Canastra National Park, Brazil. *Journal of Insect Conservation* 14(4): 401-411, 8 figs., 2 tabs. (August; published online 12 February) [general]
- Marino, M.**
1985. See Oliveira, E. G. de et al., 1985.
- Marinoni, Lorena del Rosario**
2016. See Zabala, J. M. et al., 2016.
- Marión, Luis M. [1931-2012]**
1975. Lepidópteros Rhopalocera de la República Dominicana. *Helios* (Santo Domingo) 3: 42-49, figs. [general]
1977. Lepidópteros (Rhopalocera) de la República Dominicana. *Anuario. Academia de Ciencias de la República Dominicana* 2: 49-71 ("1976", 1977) [general]
- 1978a. Nueva mariposa para República Dominicana. *Naturalista postal* (Santo Domingo) 21/78: [1] p. (20 September) [*Euptoieta claudia* (Cramer)]
- 1978b. *Atlantea* en República Dominicana. *Naturalista postal* (Santo Domingo) 23/78: [1] p. (12 October)
- 1978c. Nueva *Anaea* en la República Dominicana. *Naturalista postal* (Santo Domingo) 34/78: [1] p. (20 November) [*A. johnsoni* Avinoff & Shoumatoff]
- 1978d. Nueva localidad para *Hipanartia* [sic] *paullus*. *Naturalista postal* (Santo Domingo) 36/78: [1] p. (29 November) [República Dominicana]
- 1978e. Distribución de *Anetia jaegeri*. *Naturalista postal* (Santo Domingo) 38/78: [1] p. (5 December) [República Dominicana]
1979. Distribución de *Anetia jaegeri*. *Naturalista postal* (Santo Domingo) 13/79: [1] p. (20 March) [República Dominicana]
- 1980a. Mariposas en El Número-Azua. I. *Naturalista postal* (Santo Domingo) 19/80: [1] p. (17 June) [general; República Dominicana]
- 1980b. Mariposas en El Número-Azua. II. *Naturalista postal* (Santo Domingo) 24/80: [1] p. (28 July) [general; República Dominicana]
- 1980c. Nueva localidad para *Papilio zetes* Westwood. *Naturalista postal* (Santo Domingo) 26/80: [1] p. (25 August) [República Dominicana]
- 1980d. Mariposas en El Número-Azua. III. *Naturalista postal* (Santo Domingo) 28/80: [1] p. (15 September) [general; República Dominicana]
- 1980e. Nueva localidad para *Dynamine egaea zetes* Minetries [sic]. *Naturalista postal* (Santo Domingo) 32/80: [1] p. (20 October) [República Dominicana]
- 1982a. Distribución de Nymphalidae [sic]. *Naturalista postal* (Santo Domingo) 15/82: [1] p. (20 May) [*Myscelia antholia* (Dalman), *Archimestra teleboas* (Ménétriés); República Dominicana]
- 1982b. Nueva localidad para *Oarisma stillmani* Belly [sic] Comstock. *Naturalista postal* (Santo Domingo) 17/82: [1] P. (25 May) [República Dominicana]
- 1982c. Distribución del género *Calisto*, Lepidoptera-Satyridae. *Naturalista postal* (Santo Domingo) 19/82: [1] p. (28 May) [general; República Dominicana]
- 1982d. Nueva localidad para *Nathalis iole* Boisduval. *Naturalista postal* (Santo Domingo) 24/82: [1] p. (9 June) [República Dominicana]
- 1982e. Las mariposas y la historia natural. *Boletín de la Sociedad dominicana de Orquideología* 1(3): 57-65, figs., (4): 57-64, figs. [general; República Dominicana]
- Márk, Géza István**
- 2006a. See Kertész, K. et al., 2006a.
- 2006b. See Kertész, K. et al., 2006b.
- 2006c. See Biró, L. P. et al., 2006.
- 2007a. See Biró, L. P. et al., 2007a.

- 2007b. See Biró, L. P. et al., 2007b.  
 2007c. See Biró, L. P. et al., 2007c.  
 2008. See Kertész, K. et al., 2008.
- Márk, Géza István, Zofia Vértesy, Krisztián Kertész, Zsolt Bálint and László Péter Biró**  
 2009. Order-disorder effects in structure and color relation of photonic-crystal-type nanostructures in butterfly wing scales. *Physical Review (E)*80(5): 051903.1-051903.11, 12 figs., 2 tabs. (5 November) [*Cyanophrys remus* (Hewitson); morphology]
- Markin, George P.**  
 2008. See Friesen, R. D. et al., 2008.
- Markow, Therese Ann**  
 2012a. See Pfeiler, E. J. et al., 2012a.  
 2012b. See Pfeiler, E. J. et al., 2012b.  
 2016a. See Pfeiler, E. J. et al., 2016a.  
 2016b. See Pfeiler, E. J. et al., 2016b.  
 2017. See Pfeiler, E. J. et al., 2017.
- Marks, Craig W.**  
 2011. Puerto Rico dreamin' on such a winter's day. *Southern Lepidopterists' News* 33(2): 46-49, figs. (30 June) [general]
- Marks, Louis S.**  
 1968. See Procaccini, D. J. & L. S. Marks, 1968.  
 1972. See Procaccini, D. J. & L. S. Marks, 1972.
- Maroja, Luana Santoro [1976- ]**  
 2010. See Baxter, S. W. et al., 2010.  
 2011a. See Surridge, A. K. et al., 2011.  
 2011b. See Ferguson, L. C. et al., 2011b.  
 2012. See Dasmahapatra, K. K. et al., 2012.  
 2016a. See Nadeau, N. J. et al., 2016.  
 2016b. See Davey, J. W. et al., 2016.
- Maroja, Luana Santoro, Rebecca Alschuler, William Owen McMillan and Christopher David Jiggins**  
 2012. Partial complementarity of the mimetic yellow bar phenotype in *Heliconius* butterflies. *PLoS ONE* 7(10)(e48627): 1-8, 5 figs., 2 tabs. (31 October)
- Marquand, Edward Bruce**  
 1990. *The art of the butterfly*. San Francisco, Chronicle Books. 130 pp., figs. [general]
- Marques, Elineide Eugenio**  
 1985. See Almeida, G. de S. S. de et al., 1985.  
 1986. See Almeida, G. de S. S. de et al., 1986b.
- Marques, Graziella Diogenes Vieira**  
 2011. See Pereira, H. A. et al., 2011.
- Marques, Livia Leivas**  
 2010. See Siewert, R. R. et al., 2010.
- Marques, Luis Augusto de Azevedo [1880-1939]**  
 1923. A praga da bananeira no Rio de Janeiro. (Biologia de *Cosmopolites sordidus*-Germar). *Boletim do Ministerio da Agricultura, Industria e Commercio* (Rio de Janeiro) 11(5): 109-117, 2 pls. ("December 1922", 1923) [*Caligo eurilochus* (Cramer); host plant; Brazil]  
 1924. *Vespa* "versus" lagarta. *Boletim da Sociedade entomológica do Brasil* (Rio de Janeiro) 1(4/6): 31-32, 1 pl. [also in *Chácaras e Quintaes* (São Paulo) 29(2): 108-109, 14 figs.; 15 February 1924] [*Papilio anchisiades capys* Hübner; parasitoid; Brazil, Bolivia, Paraguay, Argentina]  
 1926. *No mundo dos insectos. Vespa "versus" lagarta. Biologia da vespinha* Protapanteles marquesi Brêthes, inimiga natural da lagarta da borboleta diurna *Papilio anchisiades capys* Hübner. Rio de Janeiro, Ministerio da Agricultura, Industria e Commercio. 6 pp., 1 pl. [Brazil]  
 1933. As borboletas sob varios aspectos. *Chácaras e Quintaes* (São Paulo) 48(4): 450-457, 11 figs. (15 October) [general]
- Marques, Maria Rita**  
 2008. See Boff, S. et al., 2008.
- Marques, Oton Meira**  
 2006. See Gil-Santana, H. R. & O. M. Marques, 2006.  
 2008. See Margarita, C. B. et al., 2008.
- Marques, Oton Meira, Carlos Alfonso Lopes de Carvalho, Masao Kamoshida, Gilberto Marcos de Mendonça Santos and Carlos Henrique Pereira Viana**  
 1992. O Museu Entomológico da Escola de Agronomia - UFBA: 1984-1991. *Insecta* (Cruz das Almas, Bahia) 1(1): 9-24, 1 tab. (September) [general; Brazil]
- Marquet, Jacques**  
 2003. Impressions de Guyane - Carnet de bord (septembre-novembre 1981). In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 11-14 (January) [Ed. 2, October 2007] [general; French Guiana]
- Marquet, Pablo A.**  
 2009. See Samaniego, H. & P. A. Marquet, 2009.
- Márquez, Cándido**  
 2012. See Gaytán, B. et al., 2012.
- Márquez, Carlos**  
 1984. See Ramos, J. et al., 1984.
- Márquez, Fabio, and Jorge Freitas**  
 2007. *Mariposas porteñas*. Buenos Aires, Gobernación de la Ciudad Autónoma de Buenos Aires. 52 pp., figs. (Ed. 2, November 2011) [general; Argentina]
- Márquez, Lázaro**  
 2009. See Bacallado, J. J. et al., 2009.
- Márquez, Mónica**  
 1994. See Alonso, A. & M. Márquez, 1994.
- Marquis, Robert J.**  
 1991. *Herbivore fauna of Piper (Piperaceae) in a Costa Rican wet forest: diversity, specificity, and impact*, pp. 179-208, 5 figs., 11 tabs. In: Price, P. W., T. W. Lewinsohn, G. W. Fernandes & W. W. Benson (Eds.), *Plant-animal interactions. Evolutionary Ecology in Tropical and Temperate Regions*. New York, John Wiley & Sons, Inc. [general; host plants]  
 2005. See Stireman, J. O., III et al., 2005.  
 2007. See Dyer, L. A. et al., 2007.  
 2012. See Salazar, D. & R. J. Marquis, 2012.
- Marquis, Robert J., and H. Elizabeth Braker**  
 1994. *Plant-herbivore interactions: Diversity, specificity, and impact*, pp. 261-281, 1 fig., 3 tabs. In: McDade, L. A., K. S. Bawa, H. A. Hespenheide & G. S. Hartshorn (Eds.), *La Selva. Ecology and Natural History of a Neotropical Rain Forest*. Chicago, The University of Chicago Press. [general; Costa Rica]
- Marquis, Robert J., Helena Castaheira de Moraes and Ivone Rezende Diniz**  
 2002. *Interactions among Cerrado plants and their herbivores: Unique or typical?*, pp. 306-328, 3 figs., 4 tabs. In: Oliveira, P. S. & R. J. Marquis (Eds.), *The cerrados of Brazil. Ecology and natural history of a neotropical savanna*. New York, Columbia University Press. [general]
- Marrero, Leonel, and Rayner Núñez**  
 2005. *Vanessa cardui* Poey [sic] (Lepidoptera: Nymphalidae), a new report for soybean in Cuba. *Revista de Protección vegetal* 20(1): 60-62, 1 fig. [larva, pupa, imago; host plant]
- Marrero, Liz, and Alejandro Barro**  
 2013. Diferencias geográficas y dimorfismo sexual en *Greta cubana* (Lepidoptera: Nymphalidae). *Revista cubana de Ciencias biológicas* 2(3): 48-61, 7 figs., 1 tab. (December) [distribution; Cuba]
- Marrufo, Denis**

2012. See Ortégón, I. G. et al., 2012.
- Mars, Julie**  
1997. *Butterflies. Grace on the wing*. Kansas City, Andrews McMeel Publishing. 80 pp., figs. [general]
- Marschall, August Friedrich von** [1804-1887]  
1873. *Nomenclator zoologicus continens nomina systematica generum animalium tan viventium quam fossilium, secundum ordinem alphabeticum disposita*. Vindobonae, Caroli Ueberreuter (M. Salzer). iv + 482 pp. ([3 December]) [general]
- Marsh, Charles J.**  
2018. See Montejo-Kovacevich, G. et al., 2018.
- Marsh, Neville A.**  
1978. See Rothschild, M. L. & N. A. Marsh, 1978.
- Marsh, Neville A., and Miriam Louisa Rothschild**  
1974. Aposematic and cryptic Lepidoptera tested on the mouse. *Journal of Zoology* 174(1): 89-122, 1 pl., 3 figs., 7 tabs. (20 September) [general; toxicity; Brazil]
- Marshall, Andrew R.**  
2011. See Laurance, W. F. et al., 2011.
- Marshall, Charles R.**  
2010. See Quek, S.-P. et al., 2010.  
2011. See Vila, R. et al., 2011.
- Marshall, Guy Anstruther Knox** [1871-1959]  
1908. On diaposematism, with reference to some limitations of the Mullerian hypothesis of mimicry. *Transactions of the entomological Society of London* 1908(1): 93-142 (5 June) [general]  
1909. Birds as a factor in the production of mimetic resemblance among butterflies. *Transactions of the entomological Society of London* 1909(3): 329-383. (20 September) [general; Neotropics]
- Marshall, Justin**  
2003. See Cronin, T. W. et al., 2003.  
2017. See Cuthill, I. C. et al., 2017.
- Marshall, Thomas Ansell** [1827-1903]  
1878. Notes on the entomology of the Windward Islands. *Proceedings of the entomological Society of London* 1878(3): xxvii- xxxviii (16 October) [general]
- Marske, Katharine A.**  
2008a. See Ivie, M. A. et al., 2008a.  
2008b. See Ivie, M. A. et al., 2008b.
- Martén-Rodríguez, Silvana**  
2016. See Pérez-Crespo, M. J. et al., 2016.
- Marti, Orville G., Jr.**  
1990. See Rogers, C. E. et al., 1990.  
1991. See Rogers, C. E. et al., 1991.
- Martin, Alberto**  
1963. See Simón, J. E. et al., 1963.  
1964a. See Simón, J. E. et al., 1964a.  
1964b. See Simón, J. E. et al., 1964b.  
1966. See Simón, J. E. et al., 1966.
- Martin, Arnaud**  
2008. See Papa, R. et al., 2008b.  
2011. See Reed, R. D. et al., 2011.  
2012. See Dasmahapatra, K. K. et al., 2012.  
2014. See Gallant, J. R. et al., 2014.  
2015. See Huber, B. et al., 2015.  
2017. See Mazo-Vargas, A. et al., 2017.  
2019. See Concha, C. et al., 2019.
- Martin, Arnaud, Durrell D. Kaplan and Lawrence Edmund Gilbert**  
2010. Wing patterns in the mist. *PLoS Genetics* 6(2)(e1000822): 1-3, 1 fig. (5 February) [*Heliconius*; Central and South America]
- Martin, Arnaud, Kyle Joseph McCulloch, Nipam H. Patel, Adriana Darielle Briscoe, Lawrence Edmund Gilbert and Robert D. Reed**  
2014. Multiple recent co-options of Optix associated with novel traits in adaptive butterfly wing radiations. *EvoDevo* 5(7): 1-13, 6 figs. (5 February) [*Heliconiini*; evolution]
- Martin, Arnaud, and Virginie (Courtier-)Orgogozo**  
2013. The loci of repeated evolution: A catalog of genetic hotspots of phenotypic variation. *Evolution* 67(5): 1235-1250, 2 figs. (May; published online 21 March) [*Heliconius*]  
2017. *Morphological evolution repeatedly caused by mutations in signaling ligand genes*, pp. 59-87, 4 figs., 2 tabs. In: Sekimura, T. & H. F. Nijhout (Eds.), *Diversity and evolution of butterfly wing patterns. An integrative approach*. Singapore, Springer Nature. (published online 30 August) [*Heliconius*]
- Martin, Arnaud, Riccardo Papa, Nicola J. Nadeau, Ryan I. Hill, Brian A. Counterman, Georg Halder, Christopher David Jiggins, Marcus R. Kronforst, Anthony D. Long, William Owen McMillan and Robert D. Reed**  
2012. Diversification of complex butterfly wing patterns by repeated regulatory evolution of a *Wnt* ligand. *Proceedings of the national Academy of Sciences of the United States of America* 109(31): 12632-12637, 3 figs. (31 July) [*Heliconius*; Central and South America]
- Martin, Arnaud, and Robert D. Reed**  
2010. *wingless* and *aristaless2* define a developmental ground plan for moth and butterfly wing pattern evolution. *Molecular Biology and Evolution* 27(12): 2864-2878, 6 figs. (1 December; published online 12 July) [*Heliconius cydnus galanthus* Bates; Panama]  
2014. *Wnt* signaling underlies evolution and development of the butterfly wing pattern symmetry systems. *Developmental Biology* 395(2): 367-378, 6 figs. (15 November; published online 6 September) [general; morphology]
- Martín, Carolina**  
1998. See Izquierdo, I. et al., 1998.
- Martin, Gilles** [1956- ], and **Myriam Baran**  
2006. *Butterflies of the World*. New York, Harry N. Abrams, Inc. 224 pp., figs. [general]
- Martin, J. H.**  
1994. See Mound, L. A. et al., 1994.
- Martin, Johann Karl Ludwig** [1851-1942]  
1886. Bericht über eine Reise ins Gebiet des Oberen Surinam. *Bijdragen tot de Taal-, Land- en Volkenkunde van Nederlandsch-Indië* 35(1): 1-76, pls. 1-4 [general; behavior]  
1887a. *Bericht über eine Reise nach Niederländisch West-Indien und darauf gegründete Studien. Erster Theil. Land und Leute*. Leiden, E. J. Brill. xviii + 186 pp., 22 pls., 1 fig. [general; Surinam, Venezuela, West Indies]  
1887b. *Westindische Skizzen. Reise-Erinnerungen*. Leiden, E. J. Brill. vii + 186 pp., 22 pls., 1 map. [general; Surinam, Venezuela; West Indies]
- Martín, José**  
1994. See García-Barros, E. & J. Martín, 1994.
- Martin, Julie Ann**  
1996. See Weller, S. J. et al., 1996.
- Martin, Julie Ann, and Dorothy P. Pashley**  
1992. Molecular systematics analysis of butterfly family and some subfamily relationships (Lepidoptera: Papilionoidea). *Annals of the entomological Society of America* 85(2): 127-139, 4 figs., 1 tab. (March) [general; Bolivia, Mexico]
- Martin, Kathy**  
1996. See Harvey, J. M. V. et al., 1996.

- Martin, Lloyd Milo** [1912-1982], and **Fred Stone Truxal**  
 1955. A list of North American Lepidoptera in the Los Angeles County Museum. Part 1. Butterflies (Suborder Rhopalocera). *Los Angeles County Museum Science Series* 18: 1-34 (September) [Neotropics]
- Martin, Margarita de**  
 1941a. La colección de lepidópteros del Museo I. *Boletín del Museo de Historia natural "Javier Prado"* 5(16): 46-61 (after 30 March) [general; Peru]  
 1941b. La colección de lepidópteros del Museo. *Boletín del Museo de Historia natural "Javier Prado"* 5(17): 197-208 (June) [general; Peru]  
 1941c. La colección de lepidópteros del Museo. *Boletín del Museo de Historia natural "Javier Prado"* 5(18): 343-352 (September) [general; Peru]  
 1941d. La colección de lepidópteros del Museo. *Boletín del Museo de Historia natural "Javier Prado"* 5(19): 447-457 (September) [general; Peru]  
 1942. La colección de lepidópteros del Museo. *Boletín del Museo de Historia natural "Javier Prado"* 6(22/23): 343-348 (December) [general; Peru]
- Martin, Noland H.**  
 2008. See DeVries, P. J. et al., 2008.  
 2009. See DeVries, P. J. et al., 2009.
- Martin, Patrick H.**  
 2011. See Laurance, W. F. et al., 2011.
- Martín, Rafael** [1910-1987]  
 1960. Contribución a la etnozooloía mixteca y zapoteca. *Memorias y Revista de la Academia nacional de Ciencias* (México) 59(1/2): 53-88. [*Papilio* sp., *Eucheira socialis* Westwood; Mexico]
- Martin, R. W.**  
 2018. See Smith, G. et al., 2018.
- Martin, Simon H.**  
 2012. See Dasmahapatra, K. K. et al., 2012.  
 2013a. See Nadeau, N. J. et al., 2013.  
 2013b. See Briscoe, A. D. et al., 2013.  
 2015. See Merrill, R. M. et al., 2015.  
 2016. See Wallbank, R. W. R. et al., 2016.  
 2017a. See Pinharanda, A. L. et al., 2017.  
 2017b. See Davey, J. W. et al., 2017.  
 2017c. See Enciso-Romero, Juan et al., 2017.  
 2017d. See Jiggins, C. D. & S. H. Martin, 2017.  
 2017e. See Van Belleghem, S. M. et al., 2017.  
 2018. See Van Belleghem, S. M. et al., 2018b.  
 2019a. See Pinharanda, A. L. et al., 2019.  
 2019b. See Merrill, R. M. et al., 2019.
- Martin, Simon H., Kanchon Kumar Dasmahapatra, Nicola J. Nadeau, Camilo Andrés Salazar, James R. Walters, Fraser Simpson, Mark L. Blaxter, Andrea Manica, James Louis Borlase Mallet and Christopher David Jiggins**  
 2013. Genome-wide evidence for speciation with gene flow in *Heliconius* butterflies. *Genome Research* 23(11): 1817-1828, 5 figs., 3 tabs. (November; published online 17 September) [general]
- Martin, Simon H., John W. Davey and Christopher David Jiggins**  
 2015. Evaluating the use of ABBA-BABA statistics to locate introgressed loci. *Molecular Biology and Evolution* 32(1): 244-257, 5 figs., 1 tab. (1 January; published online 22 September 2014) [*Heliconius*]
- Martin, Simon H., John W. Davey, Camilo Andrés Salazar and Christopher David Jiggins**  
 2019a. Recombination rate variation shapes barriers to introgression across butterfly genomes. *PLoS Biology* 17(2)(e2006288): 1-28, 5 figs. (7 February) [*Heliconius*]
- Martin, Simon H., María F. González-Rojas, Kathy Darragh, John W. Davey, Carolina Pardo-Díaz, Christopher David Jiggins and Camilo Andrés Salazar**  
 2019b. *Especiación: múltiplos factores genéticos o algunos de gran efecto*, pp. 59-61, 2 figs., 2 tabs. In: Guarín, J. H., C. E. Giraldo & J. L. Jaramillo (Eds.), *Memorias & Resúmenes. Congreso Sociedad Colombiana de Entomología*. Medellín, Sociedad Colombiana de Entomología. (July) [*Heliconius*]
- Martin, Simon H., Markus Möst, William J. Palmer, Camilo Andrés Salazar, William Owen McMillan, Francis M. Jiggins and Christopher David Jiggins**  
 2016. Natural selection and genetic diversity in the butterfly *Heliconius melpomene*. *Genetics* 203(1): 525-541, 7 figs., 4 tabs. (May; published online 24 March) [general; Central and South America]
- Martin, Simon J.**  
 2018. See Parnell, A. J. et al., 2018.
- Martin, Tara G.**  
 2015. See Flockhart, D. T. T. et al., 2015.
- Martín, Yulianis**  
 2012. See Godínez, D. et al., 2012.
- Martina, Agustín**  
 2018. See Poffo, D. A. et al., 2018.
- Martínez, Antonio**  
 1965. *Plagas agrícolas de Cuba*. La Habana, Instituto Nacional de Reforma Agraria. 156 pp., figs. (June) [*Pieris phileta* (Fabricius), *Calpodex ethlius* (Cramer)]; host plants; eggs, larvae, pupae, imagines; behavior]
- Martínez, Doris E., and Gabriela Alfaro**  
 2012. Nuevos registros y biodiversidad amenazada en dos bosques comunales de manejo indígena. *Revista de la Universidad del Valle de Guatemala* 24: 59-71, 2 tabs., 2 maps (August) [general; Guatemala]
- Martínez, Enrique**  
 1970. Informe anual de progreso 1969. Programa Entomología. C.N.I.A. "Marconia". *Informes anuales. Programa Entomología. ICA. Regional* 3. 9 pp. [*Opsiphanes numatius* Fruhstorfer; host plant; Colombia]
- Martínez, Evelia del Carmen**  
 2008. See Sermeño, J. M. et al., 2008.
- Martínez, George Eujens**  
 1994. See DeVries, P. J. & G. E. Martínez, 1994.
- Martínez, Ignacio**  
 1981a. See Patiño, H. et al., 1981.  
 1981b. See Patiño, H. et al., 1981.
- Martínez, Irene**  
 1982. See Hernández, V. et al., 1982.
- Martínez, Jaime**  
 2007. See Arroyo, M. T. K. et al., 2007.
- Martínez, Jorge**  
 1993. Recursos faunísticos. Entomofauna. *Investigación y Ciencia* (Aguascalientes) 10: 30-35, figs. (November) [general; Mexico]
- Martínez, José I., Jonathan H. Crane, Jeff Wasielewski, Jacqueline Yvonne Miller and Daniel Carrillo**  
 2019. Lepidoptera pests of sapodilla (*Manilkara zapota* (L.) van Royen) in south Florida, with some comments on life history and natural control. *Insecta Mundi* 739: 1-26, 3 figs. (3 December) [*Electrostrymon angelia* (Hewitson); host plants]
- Martínez, Juan**  
 2015. See MacGregor, I. et al., 2015.
- Martínez, Juan José**  
 2015. See Vázquez, J. M. et al., 2015.

- Martínez, Lournet**  
2006. See Kapan, D. D. et al., 2006.
- Martínez, Luis Carlos, and Angélica Plata-Rueda**  
2013. Lepidoptera vectors of *Pestalotiopsis* fungal disease: first record in oil palm plantations from Colombia. *International Journal of Tropical Insect Science* 33(4): 239-246, 2 figs., 1 tab. (December; published online 27 September) [*Brassolis sophorae* (Linnaeus), *Caligo eurilochus* (Cramer), *Opsiphanes cassina* C. Felder & R. Felder; host plant]
- Martínez, Luis Carlos, Angélica Plata-Rueda, Guilherme da Silva Neves, Jamile Fernanda Cossolin, Marcelo Henrique dos Santos, José Cola Zanuncio and José Eduardo Serrão**  
2018. Morphology, ultrastructure, and chemical compounds of the osmeterium of *Heraclydes thoas* (Lepidoptera: Papilionidae). *Protoplasma* 255(6): 1693-1702, 6 figs., 1 tab. (November; published online 11 May) [host plant; Brazil]
- Martínez, María A.**  
1988. See Pérez, E. et al., 1988.
- Martínez, Maritza**  
2013. See Vera, A. et al., 2013.
- Martínez, Nancy B. de**  
1976. Estudio preliminar en el control de los insectos causantes de la gomosis en piña. *Agronomía tropical* (Maracay) 26(1): 3-7, 1 tab. (January-February) [*Tmolus echion* (Linnaeus); host plants; Venezuela]
- Martínez, Neis José**  
2011a. See Vargas, M. A. et al., 2011.  
2011b. See Prince, S. et al., 2011.  
2012. See Vargas, M. A. et al., 2012.  
2013. See Boom, C. J. et al., 2013.  
2015. See Vargas, M. A. et al., 2015.
- Martínez, Oscar**  
2008. See Salas, M. D. et al., 2008.
- Martínez, R., and R. Ragoonansingh**  
1992. Visit to Chacachacare Island 22-23 August 1992. *The Field Naturalist. Bulletin of the Trinidad and Tobago Field Naturalist Club* 1992(4): 1-2 (December) [*Morpho peleides insularis* Fruhstorfer, *Heliconius melpomene* (Linnaeus), *Colaenis iulis* [sic] (Fabricius); Trinidad]
- Martínez, Sergio**  
1983. Catálogo sistemático de los insectos fósiles de América del Sur. *Revista de la Facultad de Humanidades y Ciencias (Ciencias de la Tierra)* (Montevideo) 1(2): 29-83, 1 fig. [Danainae; Brazil]
- Martínez, Ulises**  
2003. See Luna, C. et al., 2003a.  
2008. See Luna, C. et al., 2008.  
2009. See Luna, C. et al., 2009.
- Martínez, Víctor Hugo**  
2011. See Ramos, J. et al., 2011.
- Martínez, Yolanda**  
2005. See Avilés, R. et al., 2005.
- Martínez-Adriano, Cristian A., Cecilia Díaz-Castelazo and Armando Aguirre-Jaimes**  
2018. Flower-mediated plant-butterfly interactions in an heterogeneous tropical coastal ecosystem. *PeerJ* 6(e5493): 1-22, 3 figs. (7 September) [general; Mexico]
- Martínez-Compañón, Baltasar Jaime** [1735-1797]  
1936. *Trujillo del Perú a Fines del Siglo XVIII. Dibujos y acuarelas que mandó hacer el Obispo D. Baltasar Jaime Martínez Compañón. Edición y prólogo de Jesús Domínguez Bordona.* Madrid, Biblioteca de Palacio. 23 pp., 104 pls. (11 May) [*Danaus plexippus* (Linnaeus); host plant; Peru]
1987. [*Trujillo del Perú en el Siglo XVIII. 6. Cuadrúpedos, reptiles e insectos*]. Madrid, Instituto de Cooperación Iberoamericana. [5] pp., 104 pls. (13 November) [*Danaus plexippus* (Linnaeus); life history; host plant]
- Martínez-Lendech, Norma, Alejandro Córdoba-Aguilar and Martín Alejandro Serrano-Meneses**  
2007. Body size and fat reserves as possible predictors of male territorial behavior status and contest outcome in the butterfly *Eumaeus toxea* Godart (Lepidoptera: Lycaenidae). *Journal of Ethology* 25(2): 195-199, 4 figs. (May; published online 20 March) [host plant; behavior; Mexico]
- Martínez-Nájera, Daniel**  
2017. See Mazo-Vargas, A. et al., 2017.
- Martínez-Noble, José Ismael, Virginia Meléndez-Ramírez, Hugo Delfín-González and María del Carmen Pozo**  
2015. Mariposas de la selva mediana subcaducifolia de Tzucacab, con nuevos registros para Yucatán, México. *Revista mexicana de Biodiversidad* 86(2): 348-357, 4 figs., 2 tabs. (June; published online 26 May) [general]
- Martínez-Peralta, Concepción**  
2019. See Rosas-Echeverría, M. V. et al., 2019.
- Martínez-Ramón, Javier**  
2017. See García-Mendoza, A. J. et al., 2017.
- Martínez-Rodríguez, Julia del Carmen**  
2017. See García-Mendoza, A. J. et al., 2017.
- Martínez-Romero, Esperanza**  
2014a. See Servín-Garcidueñas, L. E. et al., 2014.  
2014b. See Servín-Garcidueñas, L. E. & E. Martínez-Romero, 2014.
- Martínez-Torres, Héctor, Mariana Cantú-Fernández, María Isabel Ramírez and Diego Rafael Pérez-Salicrup**  
2015. *Fires and fire management in the Monarch Butterfly Biosphere Reserve*, pp. 179-189, 1 fig., 3 tabs. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Martini, Friedrich Heinrich Wilhelm** [1729-1778]  
1774-93. *Allgemeine Geschichte der Natur in alphabetischer Ordnung*. Berlin, Joachim Pauli. 1: [6] + xlii + 384 + [2] + [389]-764 pp., pls. 1-20 (1777); 2: [2] + xxxii + [2] + 690 pp., pls. 21-73 (1775); 3: [2] + xx + 356 + [2] + [371]-706 pp., pls. 74-119 (1776-1777); 4: [2] + xxiv + 702 pp., pls. 120-162 (1778); 5: [2] + xxii + 710 pp., pls. 163-195 (1784-1785); 6: [2] + vi + 706 pp., pls. 196-235 (1786); 7: [2] + xii + 758 pp., pls. 236-282; 8: [2] + [vi] + 832 pp., 66 pls. (1789); 9: [2] + vi + 720 pp., 66pls. (1790); 10: [2] + vi + 840 pp., 71 pls.; 11: [2] + vi + 799 pp., 74 pls. (1793) [volumes 5-6 edited by F. W. Otto, 7-11 by J. G. Krunitz] [general]
- Martins, Ananda Regina Pereira**  
2012. See Robbins, R. K. et al., 2012a.  
2017a. See Martins, L. P. et al., 2017a.  
2017b. See Martins, L. P. et al., 2017b.
- Martins, Ananda Regina Pereira, Marcelo Duarte and Robert Kanner Robbins**  
2019a. Phylogenetic classification of the *Atlides* section of the Eumaeini (Lepidoptera, Lycaenidae). *Zootaxa* 4563(1): 119-134, 20 figs., 1 tab. (28 February) [general; Central and South America]  
2019b. Hairstreak butterflies (Lepidoptera, Lycaenidae) and evolution of their male secondary sexual organs. *Cladistics* 35(2): 173-197, 20 figs., 2 tabs. (April; published online 25 September 2018) [general;

- morphology; Neotropics]
- Martins, Ananda Regina Pereira, Christophe Faynel and Robert Kanner Robbins**
2016. Variation of male secondary sexual structures and the taxonomy of *Theritas lissus* and relatives (Lepidoptera, Lycaenidae, Eumaeini). *Proceedings of the entomological Society of Washington* 118(4): 555-573, 27 figs. (October) [new species: *T. silma*; Central and South America]
- Martins, Áurea Linhares**
2006. See Jauffret, P. & Á. L. Martins, 2006.
- Martins, Camila Borges da Cruz**
2018. See Borges, E. de O. et al., 2018.
- Martins, Celso Feitosa**
2008. See Siqueira, K. M. M. de et al., 2008.
2015. See Cruz, R. M. & C. F. Martins, 2015.
- Martins, David dos Santos, Paulo Sérgio Fiúza Ferreira, Maurício José Fornazier and José Simplicio dos Santos**
2014. Insetos da Reserva Natural Vale, Linhares, Espírito Santo, Brasil. *Ciência & Ambiente* (Santa Maria) 49: 219-235, 20 figs., 2 tabs. (December) [general]
- Martins, Ivan Carlos Fernandes**
2018. See Oliveira, T. A. de et al., 2018.
- Martins, José Celso**
1982. See Vendramim, J. D. & J. C. Martins, 1982.
- Martins, Lafayette Gonçalves Campelo**
1989. See Zanuncio, J. C. et al., 1989.
- Martins, Lucas Pereira, Elias da Costa Araújo Júnior, Ananda Regina Pereira Martins, Mairla Santos Colins, Gabriela Cristina Fonseca Almeida and Gisele Garcia Azevedo**
- 2017a. Butterflies of Amazon and Cerrado remnants of Maranhão, Northeast Brazil. *Biota neotropica* 17(3)(e20170335): 1-11, 3 figs., 1 tab. (published online 28 August) [general]
- Martins, Lucas Pereira, Elias da Costa Araújo Júnior, Ananda Regina Pereira Martins, Marcelo Duarte and Gisele Garcia Azevedo**
- 2017b. Species diversity and community structure of fruit-feeding butterflies (Lepidoptera: Nymphalidae) in an Eastern Amazonian forest. *Papéis avulsos de Zoologia* 57(38): 481-489, 4 figs., 1 tab. (20 December) [general]
- Martins, Luiz Fernando**
2006. See Salomão, A. T. et al., 2006.
- Martins, Marcio Roberto Costa**
1992. See Pinheiro, C. E. G. & M. R. C. Martins, 1992.
- Martins, Mariane Peczek**
2019. See Rosa, A. H. B. et al., 2019b.
- Martins, Marlucia Bonifacio**
2007. See Barlow, B. J. et al., 2007a.
2008. See Gardner, T. A. et al., 2008.
- Martins, Olavo F. G.**
1979. See Sales, F. J. M. de et al., 1979.
- Martins, Rogério Parentoni**
1993. The biology of *Editha magnifica* (Perty 1834) (Hymenoptera Sphecidae). *Tropical Zoology* 6(1): 109-123, 8 figs., 1 tab. (May) [general; predator; Brazil]
2000. See Marini-Filho, O. J. & R. P. Martins, 2000.
2010. See Marini-Filho, O. J. & R. P. Martins, 2010.
2011. See Carvalho Neto, C. de S. et al., 2011.
- Martins, Valéria Forni, Ana Paula de Oliveira Alonso, Paulo Enrique Cardoso Peixoto and Gustavo Quevedo Romero**
2011. Are corporal allometric measurements good predictors of palatability in Neotropical butterflies (Lepidoptera)? *Entomological News* 121(2): 172-185, 1 fig., 1 tab. (30 June) [general; Brazil]
- Martins, Yuri Elias**
2010. See Silva, A. R. M. et al., 2010.
- Martins-Neto, Rafael Gioia [1954-2010]**
1989. Novos insetos terciários do Estado de São Paulo. *Revista brasileira de Geociências* 19(3): 375-386, 1 pl., 6 figs. (September) [new genus and species: *Archaeolycorea ferreirai*; Brazil]
1998. A paleoentomofauna da formação Tremembé (Bacia de Taubaté), Oligoceno do Estado de São Paulo: Descrição de novos lepidópteros (Insecta). *Acta geologica leopoldensia* 21(46/47): 75-82, pl. 1, 2 figs. [*Archaeolycorea ferreirai* Martins, *Neorinella garciae* Martins et al.; Brazil]
1999. Estado actual del conocimiento de la paleoentomofauna brasileña. *Revista de la Sociedad entomológica argentina* 58(1/2): 71-85, 6 figs. (June) [general]
- Martins-Neto, Rafael Gioia, José Carlos Kucera-Santos, Fábio Roberto de Moraes Vieira and Lúcia Maria de Campos Fragoso**
1993. Nova espécie de borboleta (Lepidoptera: Nymphalidae: Satirynae [sic]) da Formação Tremembé, Oligoceno do Estado de São Paulo. *Acta geologica leopoldensia* 16(37): 5-15, 2 pls., 3 figs. [new fossil genus and species: *Neorinella garciae*]
- Martius, Karl Friedrich Phillip von [1794-1868]**
1823. See Spix, J. B. von & K. F. P. von Martius, 1823.
- Martorell, Luis Felipe [1909-2001]**
1939. Insects observed in the State of Aragua, Venezuela, South America. *Journal of Agriculture of the University of Puerto Rico* 23(4): 177-232 (November) [general]
1944. See Wolcott, G. N. & L. F. Martorell, 1944.
- 1948a. A survey of the forest insects of Puerto Rico. Part I. (An annotated list of the insects affecting forest, shade and ornamental trees in Puerto Rico). *Journal of Agriculture of the University of Puerto Rico* 29(3): 69-354 ("July 1945", 1948) [general; host plants]
- 1948b. A survey of the forest insects of Puerto Rico. Part II. (A discussion of the most important insects affecting forest, shade and ornamental trees in Puerto Rico). *Journal of Agriculture of the University of Puerto Rico* 29(4): 355-608, 21 pls., 18 figs. ("October 1945", 1948) [general; host plants; life histories; parasitoids, predators]
1973. See Burgos, J. A. & L. F. Martorell, 1973.
- 1974a. See García, J. C. et al., 1974.
- 1974b. See Medina, S. & L. F. Martorell, 1974.
1977. *Annotated food plant catalog of the insects of Puerto Rico*. Río Piedras, University of Porto Rico, Department of Entomology, Agricultural Experiment Station. [ii] + 303 pp. (22 February) [general]
- Martorell, Luis Felipe, José A. Burgos and Fernando Mejia**
1972. *Investigaciones preliminares: Los insectos que atacan la caña de azúcar en la República Dominicana*. Santo Domingo, Consejo Estatal del Azúcar, Departamento de Agricultura. 34 pp., 9 figs. [general]
1973. Preliminary investigations on the sugarcane insects of the Dominican Republic. *Proceedings of the 1973 Meeting of West Indies Sugar Technologists* (Barbados), pp. 247-271, 12 figs. (May) [*Calisto pulchella* Lathy, *Panoquina nyctelia* (Latreille), *P. nero* (Fabricius), *Wallengrenia otho mutchleri* Watson, *Perichares phocion* (Fabricius); host plants; parasitoids]
- Martorell, Luis Felipe, and Anselmo Escalona**
1939. Additional insect records from Venezuela. *Journal of Agriculture of the University of Puerto Rico* 23(4): 233-264. [general]



- Martucci, Maria Elvira Poleti, and Leonardo Gobbo-Neto**  
2016. Differential secondary metabolite accumulation and performance of *Chlosyne lacinia* fed with *Tithonia diversifolia* or *Vernonia polyanthes*. *Biochemical Systematics and Ecology* 68: 156-162, 1 fig., 2 tabs. (October; published online 20 July) [host plants; Brazil]
- Marty, Melanie A.**  
1985. See Brower, L. P. et al., 1985.
- Martyn, Thomas** [1760-1816]  
1797. *Psyche. Figures of non descript Lepidopterous Insects, or rare Moths and Butterflies from different parts of the World. Figures des Insectes Lépidoptères des différentes parties du Globe, dont il n'y a point encore eu de description*. London, Author. (1): wrappers, [i-ii], 1-6, 1-6, pls. 1-2 (October); (2): wrappers, pp. 7-8, 7-8, pls. 3-4. [some copies include up to 28 additional unpublished plates] [new species: *Papilio amulius*, *P. cresphontinus*; Surinam, Haiti]  
1806. *Coloured Specimens to Illustrate the Natural History of Butterflies. From the Collection of Mr. Lee, Hammersmith*. London, William Miller. [i]-vii, [17] leaves, [20] pls. [published anonymously; authorship doubtful] [general]
- Martyn, William Frederic[k]** [1758-1837]  
1785. *A new dictionary of natural history; or, compleat universal display of animated nature. With accurate representations of the most curious and beautiful animals, elegantly coloured*. London, Harrison and Co. 1: [4] + vi + [300] pp.; 2: [2] + [386] + [2] pp., pls. [1-2], 3-100. [plates published between 25 September 1784 and 19 May 1787] [general]
- Maruyama, Pietro Kiyoshi, Felipe Wanderley Amorim and Paulo Eugênio Oliveira**  
2010. Night and day service: Distyly and mixed pollination system in *Faramea cyanea* (Rubiaceae). *Flora* (Jena) 205(12): 818-824, 3 figs., 2 tabs. (December) [Hesperiidae, Papilionidae; Brazil]
- Maruyama, Wilson Itamar, Alexandre de Sene Pinto and Santin Gravena**  
2001. Parasitóides e *Nomuraea rileyi* (Farlow) Samson em lagartas desfolhadoras (Lepidoptera) na cultura da soja. *Boletín de Sanidad vegetal. Plagas* 27(4): 561-567, 2 figs., 2 tabs. [*Urbanus proteus* (Linnaeus); host plant; Brazil]
- Marx, Hans Peter** [?-1989]  
1961. Ein bedeutsamer Gynandromorphismus bei *Papilio lyco-phron phanias* R. u. J. *Entomologische Zeitschrift* 71(11): 129-132, 2 figs. (1 June) [Brazil]
- Mas, Alexandre H.**  
2003. See Perfecto, I. et al., 2003.
- Mas, Alexandre H., and Thomas V. Dietsch**  
2003. An index of management intensity for coffee agroecosystems to evaluate butterfly species richness. *Ecological Applications* 13(5): 1491-1501, 4 figs., 4 tabs. (October) [general; Mexico]  
2004. Linking shade coffee certification to biodiversity conservation: Butterflies and birds in Chiapas, Mexico. *Ecological Applications* 14(3): 642-654. 2 figs., 3 tabs. (June) [general]
- Masó, Albert** [1956- ], and **Manuel Pijoan**  
1997. *Observar mariposas*. Barcelona, Editorial Planeta, S.A. 319 pp., figs. [general]
- Mason, Clyde Walter** [1898- ]  
1926. Structural colors in insects. *Journal of physical Chemistry* 30(3): 383-395 (March) [general; biophysics]  
1927. Structural colors in insects. II. *Journal of physical Chemistry* 31(3): 321-354, 3 figs. (March) [general; biophysics]
- Mason, John**  
1975. Beautiful butterflies of Trinidad. *Wildlife* (London) 17(5): 220-223, figs. (May) [general]
- Massardo, Darli**  
2014. See Vargas, H. A. et al., 2014.  
2017. See Mazo-Vargas, A. et al., 2017.  
2018. See Westerman, E. L. et al., 2018.  
2019. See Concha, C. et al., 2019.
- Massardo, Darli, Rodrigo Fornel, Marcus R. Kronforst, Gislene Lopes Gonçalves and Gilson Rudinei Pires Moreira**  
2015. Diversification of the silverspot butterflies (Nymphalidae) in the Neotropics inferred from multi-locus DNA sequences. *Molecular Phylogenetics and Evolution* 82(A): 156-165, 5 figs., 3 tabs. (January; published online 6 October 2014) [general]
- Massardo, Darli, Paula Angélica Roratto, Héctor Andrés Vargas, Marcus R. Kronforst and Gilson Rudinei Pires Moreira**  
2012. Development of a microsatellite library for the passion flower butterfly *Dione moneta* Hübner (Lepidoptera: Nymphalidae: Heliconiinae). *Conservation Genetics Resources* 4(3): 719-724, 1 tab. (September; published online 13 March) [Brazil, Colombia, Chile]
- Massiah, Edward, and Martin Frost**  
1998. Additions to the Nymphalidae butterflies recorded in Barbados. *Journal of the Barbados Museum & historical Society* 43: 69-70, 1 fig. [*Historis odius* (Fabricius), *Anartia jatrophae* (Linnaeus)]
- Masson, Marcus Vinicius**  
2018. See Tavares, W. de S. et al., 2018.
- Massuda, Kamila Ferreira**  
2013. See Morais, A. B. B. de et al., 2013.
- Massuda, Kamila Ferreira, and José Roberto Trigo**  
2009. Chemical defence of the warningly coloured caterpillars of *Methona themisto* (Lepidoptera: Nymphalidae: Ithomiinae). *European Journal of Entomology* 106(2): 253-259, 6 figs. (20 May) [host plant; Brazil]
- Mast, James**  
1971. See Descimon, H. & J. Mast, 1971.  
1973-74. See Descimon, H. et al., 1973-74.  
1975. See Descimon, H. & J. Mast, 1975.  
1979. See Descimon, H. & J. Mast, 1979.  
1984. See Descimon, H. & J. Mast, 1984.  
1995a. See Descimon, H. & J. Mast, 1995.  
1995b. Une nouvelle sous-espèce de *Perisama* du Pérou. *Lambillionea* 95(1)(1): 19-20, pl. 2 (March) [*P. philinus descimonii*]
- Mast, James, and Henri Descimon**  
1972. Contribution a l'étude des Nymphalidae sud-américains. *Agrias narcissus* Staudinger. *Alexandor* 7(7): 316-328, pls. 16-17, 2 figs. (6 November) [general; ecology; new taxa: *A. n. illustrissimus* form *wucherpfennigi*, *A. n. stoffeli*, *A. n. s. form lichyi*, *A. n. s. form claudiopsis*, *A. n. s. form gerstneri*; Mexico, French Guiana, Brazil, Venezuela, Colombia]
- Masters, Alan R.**  
1990. Pyrrolizidine alkaloids in artificial nectar protect adult ithomiine butterflies from a spider predator. *Biotropica* 22(3): 298-304, 4 tabs. (September) [*Episcada salvinia* (Bates); Costa Rica]  
1993. Temperature and thermoregulation in the Monarch butterfly. *Science Series. Natural History Museum of Los Angeles County* 38: 147-156, 3 figs., 3 tabs. (18 July) [*Danaus plexippus* (Linnaeus); Mexico]  
2000a. *Transparent butterflies*, pp. 120-121. In: Nadkarni, N. M. & N. T. Wheelwright (Eds.), *Monteverde. Ecology and*

- conservation of a tropical cloud forest. New York, Oxford University Press. [Satyriinae, Ithomiinae, *Dismorphia theucharila* (Doubleday); behavior; Costa Rica]
- 2000b. *Variable chemical defense and mimicry*, pp. 121-122. In: Nadkarni, N. M. & N. T. Wheelwright (Eds.), *Monteverde. Ecology and conservation of a tropical cloud forest*. New York, Oxford University Press. [general; behavior; Costa Rica]
- Masters, Alan R., Stephen Baillie Malcolm and Lincoln Pierson Brower**
1988. Monarch butterfly (*Danaus plexippus*) thermoregulatory behavior and adaptations for overwintering in Mexico. *Ecology* 69(2): 458-467, 6 figs., 2 tabs. (April)
- Masters, John Howard** [1936-2015]
- 1967a. A preliminary working list of the butterflies of Venezuela. Part I: Superfamily Papilionoidea. *Newsletter of the Association of Minnesota Entomologists* 1(2): 32-42 (January) [Papilionidae, Pieridae]
- 1967b. A new *Siproeta* (Lepidoptera: Nymphalidae) from Venezuela. *Annals of the Carnegie Museum* 39(14): 193-194 (11 December) [*S. epaphus gadoui*]
- 1968a. Collecting Ithomiidae with heliotrope. *Journal of the Lepidopterists' Society* 22(2): 108-110 (31 March) [general; Venezuela]
- 1968b. *Hesperocharis longstaffi* (Pieridae) rediscovered in Venezuela. *Journal of the Lepidopterists' Society* 22(3): 189-191, 1 fig. (20 August)
- 1969a. *Hypothesis vallina colophonina* d'Almeida (Lep. Ithomiidae) rediscovered in Venezuela. *Entomologist's Record and Journal of Variation* 81(4): 115-116 (15 April)
- 1969b. *Heliconius hecale* and *xanthocles* in Venezuela (Nymphalidae). *Journal of the Lepidopterists' Society* 23(2): 104-105 (29 May) [general; Guyana]
- 1969c. A note on *Heliconius antiochus salvinii* (Nymphalidae). *Journal of the Lepidopterists' Society* 23(3): 199-201, 1 fig. (24 September) [distribution; Venezuela, Guyana]
- 1969d. Seasonal variation of *Colias cesonia therapis* in Venezuela (Pieridae). *Journal of the Lepidopterists' Society* 23(4): 251-253, 2 figs. (15 December)
- 1970a. A new *Perisama* (Nymphalidae: Callicorini) from Bolivia. *Journal of the Lepidopterists' Society* 24(1): 10-13, 2 figs. (26 March) [*P. rusea*]
- 1970b. Bionomic notes on Haeterini and Biini in Venezuela (Satyridae). *Journal of the Lepidopterists' Society* 24(1): 15-18, 1 fig. (26 March)
- 1970c. A new *Callithomia* (Ithomiidae) from Bolivia. *Journal of the Lepidopterists' Society* 24(1): 22-24, 2 figs. (26 March) [*C. foxi*]
- 1970d. Distributional notes on the genus *Mestra* (Nymphalidae) in North America. *Journal of the Lepidopterists' Society* 24(3): 203-208, 1 fig. (3 August) [general; host plants; Neotropics]
- 1971a. Butterflies of Trinidad and Tobago. *Bulletin of the Association of Minnesota Entomologists* 4(3): 41-42 (January) [book review; general]
- 1971b. *Consul panariste* (Nymphalidae) in Venezuela. *Journal of the Lepidopterists' Society* 25(1): 19 (23 February) [ecology]
- 1971c. A catalogue of distributional lists for Latin American butterflies. *Mid-Continent Lepidoptera Series* 2(22): 1-21 (February) [general]
- 1971d. *Papilio cinyras ridens* Fassl: a new status (Lepidoptera: Papilionidae). *Entomologist's Record and Journal of Variation* 83(3/4): 83-86, 1 fig. (15 April) [Bolivia]
- 1971e. Additional records of *Patricia demylus gemellus* Fox (Ithomiidae). *Journal of the Lepidopterists' Society* 25(2): 149 (19 May) [Bolivia]
- 1971f. *Heliconius cydno* (Lepidoptera: Nymphalidae) attracted to heliotrope. *Entomological News* 82(5): 135-136 (28 June) [general; Venezuela]
- 1971g. Butterflies of Trinidad and Tobago. Malcolm Barcant. 1970. *Journal of the Lepidopterists' Society* 25(4): 297-298 (24 November) [general; book review]
1972. Notes on the butterflies of the genus *Velamysta* (Ithomiidae) with a key to the species by W. T. M. Forbes. *Mid-Continent Lepidoptera Series* 4(58): 1-8 figs. (April) [general; Ecuador, Bolivia, Peru, Colombia]
- 1973a. A new *Callithomia* (*Leithomia*) from Amazonas, Venezuela (Ithomiidae). *Journal of the Lepidopterists' Society* 27(1): 78-79, 1 fig. (23 February) [*C. (L.) skinneri*]
- 1973b. A new subspecies of *Callithomia hezia* from Zulia, Venezuela (Ithomiidae). *Journal of the Lepidopterists' Society* 27(1): 80-83, 2 figs. (23 February) [*C. h. perija*]
- 1973c. Notes on *Siproeta* and *Metamorpha* with figures of *Siproeta epaphus gadoui* Masters (Nymphalidae). *Journal of the Lepidopterists' Society* 27(3): 235-237, 1 fig. (10 August) [classification; Neotropics]
- 1973d. *Heliconius cydno* (Nymphalidae) in Venezuela. With descriptions for two new subspecies. *Journal of Research on the Lepidoptera* 10(4): 267-272, 1 fig. ([before 3 April]) [*H. c. perijaensis*, *H. c. barinasensis*; distribution]
- 1973e. Concerning *Heliconius cydno* aberration "*larsen*" Niepelt (Nymphalidae) and its relation to *Heliconius cydno barinasensis* Masters. *Journal of Research on the Lepidoptera* 11(4): 251-254, 2 figs. ([before 10 July]) [Colombia, Venezuela]
1979. A holotype designation for *Papilio cinyras ridens* Masters 1971 (Papilionidae). *Journal of the Lepidopterists' Society* 33(2): 135-136 (20 July) [Bolivia]
2004. [A letter]. *News of the Lepidopterists' Society* 46(1): 12-14 (1 April) [general; Guatemala]
- Masthay, Carl**
1991. Butterfly: a language sampler. *News of the Lepidopterists' Society* 1991(5/6): 83-85 (November-December) [general; linguistics]
- Masui, Akio**
2005. See Morishita, K. & A. Masui, 2005.
2008. *Asterocampa*, the North American emperor (Lepidoptera, Nymphalidae, Apaturinae). *Butterflies* (Teinopalpus) 48: 25-35, 34 figs. (20 April) [general; Mexico, Central America, Antilles]
- Mata, Renata Alves da, and Rosana Tidon**
2003. Pequenos informantes. *Ciência Hoje* 32(192): 64-65, 2 figs. (April) [general; conservation; Brazil]
- Mata, Rosely Ferreira Freitas da, and Cecilia Lomônaco**
2013. Toxicidade, deterrência e repelência de extratos aquosos de *Cabralea canjerana* ssp. *polytricha* (A. Juss.) Penn. (Meliaceae) sobre o curuquerê-da-couve *Ascia monuste orseis* (Godart) (Lepidoptera: Pieridae). *Revista Árvore* 37(2): 361-368, 1 fig. 2 tabs. (April) [host plants; Brazil]
- Mather, Leon Bryant, Jr.** [1916-2002]
1967. Hesperidae from San Jose Purua, Michoacan, Mexico. *Newsletter of the Association of Minnesota Entomologists* 1(4): 77-81, 1 fig., 2 tabs. (August) [general]
1990. Monarch butterflies offshore in the Gulf of Mexico. *News of the Lepidopterists' Society* 1990(4): 59, 1 map (July-August) [*Danaus plexippus* (Linnaeus)]
- Mathew, Gervase Frederick** [1842-1928]
1874. List of Lepidoptera forwarded to Edward Newman. *Entomologist* 7(127): 62-66 (March) [general]
1877. Life history of *Papilio archidamas*. *Entomologist's monthly Magazine* 14(163): 152-153 (December) [egg, larva, pupa; Chile]

- 1882a. Life history of *Callidryas drya*, Boisd. *Entomologist's monthly Magazine* 18(214): 219-220 (March) [larva, pupa; Chile]
- 1882b. Remarks on some Central American species of *Pyrrhopyge*, Hubn. *Entomologist's monthly Magazine* 19(217): 18-19 (June) [*P. amra*: behavior; *P. acastus*, *P. patrobas*: larvae, pupae]
1922. Butterflies attracted by human perspiration. *Entomologist* 55(708): 112-113 (May) [general; Paraguay]
- Mathew, John**  
2002. See Pierce, N. E. et al., 2002.
- Mathew, Tittu**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Mathieu, Juan M., and Carlos A. González**  
1970. Lista de insectos en la colección entomológica del Instituto Tecnológico de Monterrey. Ocho familias de Papilionoidea (Lepidoptera). *Agronomía* (Monterrey) 129: 10-15 (March), 130: 18-23 (May) [general; Mexico]
- Mathot, Guy**  
1958. *Les papillons*. Paris, Presses Universitaires de France. 128 pp., 23 pls., 23 figs. (*Que sais-je ?*, no. 797) [general; anatomy; morphology; zoogeography; mimicry; Neotropics]
- Matias, Raphael, and Hélder Consolaro**  
2015. Polinização e sistema reprodutivo de Acanthaceae Juss. no Brasil: Uma revisão. *Bioscience Journal* (Uberlândia) 31(3): 890-907, 2 tabs. (June) [general]
- Matlock, Robert B.**  
2005. See Dyer, L. A. et al., 2005.
- Matos, Aristóteles Pires de**  
2002. See Reinhardt, D. H. et al., 2002.
- Matos, Aristóteles Pires de, and Domingo Haroldo Reinhardt**  
2009. Pineapple in Brazil: Characteristics, research and perspectives. *Acta horticulturae* 822: 25-36, 4 figs., 1 tab. (24 March) [*Strymon megarus* (Godart); host plant]
- Matos, Dalva Maria da Silva**  
2000. Herbivore and plant demography: a case study in a fragment of semi-deciduous forest in Brazil. *Journal of tropical Ecology* 16(1): 159-165, 1 fig., 2 tabs. (January) [*Antirrhoea archaea* Hübner; host plant]
- Matos, Josy Zarur de**  
2006. See Lenzi, M. et al., 2006.
- Matos, Pável Fortunato** [1986- ]  
2012a. See Núñez, R. et al., 2012.  
2012b. See Freitas, A. V. L. et al., 2012b.  
2013. See Núñez, R. et al., 2013.  
2016. Investigating the timing of origin and evolutionary processes shaping regional species diversity: Insights from simulated data and neotropical butterfly diversification rates. *Evolution* 70(7): 1638-1650, 2 figs., 2 tabs. (July; published online 31 May) [general]
2019. See Nakahara, S. et al., 2019c.
- Matos, Pável Fortunato, Rayner Núñez, Carlos Peña, Jacqueline Yvonne Miller, Andrei Sourakov and Niklas Wahlberg**  
2014. Causes of endemic radiation in the Caribbean: evidence from the historical biogeography and diversification of the butterfly genus *Calisto* (Nymphalidae: Satyrinae: Satyrini). *BMC evolutionary Biology* 14(199): 1-19, 3 figs., 6 tabs. (16 September) [general]
- Matos, Pável Fortunato, Carlos Peña, Keith Richard Willmott, André Victor Lucci Freitas and Niklas Wahlberg**  
2013. Systematics and evolutionary history of butterflies in the "*Taygetis* clade" (Nymphalidae: Satyrinae: Euptychiina): Towards a better understanding of Neotropical biogeography. *Molecular Phylogenetics and Evolution* 66(1): 54-68, 5 figs., 2 tabs. (January; published online 18 September 2012) [general]
- Matos, Pável Fortunato, Niklas Wahlberg, Alexandre Antonelli and Carla Maria Penz**  
2019. Species limits in butterflies (Lepidoptera: Nymphalidae): reconciling classical taxonomy with the multispecies coalescent. *Systematic Entomology* 44(4): 745-756, 3 figs., 2 tabs. (October; published online 18 March) [general]
- Matsuhana, B.**  
2014. See Yoshioka, S. et al., 2014.
- Matsui, Hideko**  
1991. See Matsui, Y. & H. Matsui, 1991.
- Matsui, Shinji**  
2005. See Watanabe, K. et al., 2005.
- Matsui, Yasutoshi, and Hideko Matsui**  
1991. A comparative review on the biology of *Vanessa indica* with *Cynthia cardui* [In Japanese]. *The Nature and Insects* 26(9): 15-19, 5 figs. [general; biogeography]
- Matsuka, Hirotaka**  
1978. I found a huge hibernating mass of *Danaus plexippus* in the Mexican mountains. *Yadoriga* 93/94: 25-37, figs. (15 May)  
1987. See Unno, K. et al., 1987.  
1991. Nymphalidae of the World [In Japanese]. *The Nature and Insects* 26(9): 7-10, 3 figs. [*Diaethria*]
- Matsumura, Shonen** [1872-1960]  
1934. Geographical distribution of Lepidoptera in Pacific countries. *Proceedings of the 5th Pacific Science Congress* (Vancouver) 5: 3503-3514. [general; Neotropics]  
1940. A new species of Hesperidae [sic] from Formosa [sic]. *Insecta Matsumurana* 15(1/2): 1-2, 2 figs. (31 December) [*Bibacis argenteola*]
- Matsuura, Hélio Nitta, and Arthur Germano Fett-Neto**  
2013. The major indole alkaloid N, $\beta$ -D-glucopyranosyl vincosamide from leaves of *Psychotria leiocarpa* Cham. & Schldl. is not an antifeedant but shows broad antioxidant activity. *Natural Product Research* 27(4/5): 402-411, 4 figs., 1 tab. (March; published online 15 August 2012) [*Heliconius erato* (Linnaeus); host plant; Brazil]
- Matta, Alfredo Augusto da** [1870-1954]  
1917a. Larvas de lepidóptero perjudiciaes [sic] ao genero *Citrus*. *Anales de Zoología aplicada* (Santiago de Chile) 4(3): 47-51, fig. 10 (30 September) [*Papilio idaeus* Fabricius; life history; Brazil]  
1917b. Larvas de lepidópteros perjudiciaes ao genero *Citrus*. *Brazil agricola* (Rio de Janeiro) 2(11): 353-354, 5 figs. (November) [*Papilio idaeus* Fabricius; egg, larva, pupa, imago; Brazil]  
\*1917c. Larvas de lepidópteros (*Papilio idaeus*) prejudiciaes ao genero *Citrus*. Primeiro caso observado no Amazonas. *A Seringueira* (Manaus) 12: ?-?, 5 figs. [Brazil]  
1927a. Larvas de lepidópteros e fungo prejudiciaes ao ananaz, manacá, milho e à figueira. *Sciencia medica* (Rio de Janeiro) 5(4): 175-179, 3 figs. (30 April) [*Aprotopos psidii* (Linnaeus); life history; Brazil]  
1927b. Larvas de lepidópteros prejudiciaes ao ananaz, manacá e à figueira. *Boletim agricola da Sociedade amazonense de Agricultura* (Manaus) 1(5): 2-4, 2 figs. (November) [*Aprotopos psidii* (Linnaeus); life history; Brazil]  
1929. Larvas que inutilizam o guaraná. *Boletim agricola da Sociedade amazonense de Agricultura* (Manaus) 3(4): 12-13, 9 figs. [*Thecla syedra* Hewitson; life history; Brazil]
- Mattei, Renato**  
2016. See Hernández-Baz, F. et al., 2016a.

**Matthews, Deborah L.**

2012. See Miller, J. Y. et al., 2012.  
2015. See Miller, J. Y. et al., 2015.  
2018. See Miller, J. Y. et al., 2018.

**Matthews, Deborah L., Jacqueline Yvonne Miller, Terry A. Lott, Roger W. Portell and James K. Toomey**

2012. Biogeographic affinities of Guantanamo butterflies and a report on species recorded from the United States Naval Base, Cuba. *Bulletin of the Allyn Museum* 164: 1-51, 83 figs., 1 tab. (5 September) [general]

**Matthews, Deborah L., Jacqueline Yvonne Miller, Andrew David Warren, James K. Toomey, Roger W. Portell, Terry A. Lott and Nick V. Grishin**

2018. Are Miami blues in Cuba? A review of the genus *Cyclargus* Nabokov (Lepidoptera: Lycaenidae) with implications for conservation management. *Insecta Mundi* 676: 1-36, 155 figs. (28 December) [general; taxonomy; West Indies]

**Matthews, Eric G.**

1977. Signal-based frequency-dependent defense strategies and the evolution of mimicry. *American Naturalist* 111(978): 213-222, 1 fig. (March-April) [*Heliconius*; South America]

**Matthews, Patrick**

1957. *The pursuit of moths and butterflies. An anthology.* London, Chatto & Windus Ltd. 141 pp., 36 pls. [general; West Indies, South America]

**Matthews, Robert W.**

1974. See Evans, H. E. et al., 1974.

**Mattoni, Rudolph H. T. [1927- ]**

- 1954a. Taxonomy and distribution in the genus *Philotes*. *Lepidopterists' News* 8(1/2): 8 (25 June) [abstract; Mexico]  
1954b. Notes on the genus *Philotes* (Lycaenidae: Lepidoptera) I: Descriptions of three new subspecies and a synoptic list. *Bulletin of the Southern California Academy of Sciences* 53(3): 157-165, pl. 43 (31 December) [Mexico]  
1989. The *Euphilotes battoides* complex: recognition of a species and description of a new subspecies (Lycaenidae). *Journal of Research on the Lepidoptera* 27(3/4): 173-185, 4 figs., 1 tab. (10 December) [*E. bernardino garthi*; Mexico]  
1991. An unrecognized, now extinct, Los Angeles area butterfly (Lycaenidae). *Journal of Research on the Lepidoptera* 28(4): 297-309, 5 figs., 1 tab. (15 September) [*Philotes sonorensis*; Mexico]

**Mattoni, Rudolph H. T., Gordon F. Pratt, Travis R. Longcore, John F. Emmel and Jeremiah N. George**

1997. The endangered quino checkerspot butterfly, *Euphydryas editha quino* (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 34(1/4): 99-118, 3 figs., 1 tab. (15 December) [ecology; conservation; Mexico]

**Mattoni, Rudolph H. T., and Nancy Vannucci**

2008. *Mariposas de jardín de Buenos Aires*. Beverly Hills, The Lepidoptera Research Foundation, Inc. [simultaneous English ed.]. 24 pp., figs. [general; host plants; Argentina]

**Mattoon, Sterling O.**

1982. See Scott, J. A. & S. O. Mattoon, 1982.  
1998a. See Emmel, J. F. et al., 1998a.  
1998b. See Emmel, J. F. et al., 1998b.  
1998c. See Emmel, J. F. et al., 1998c.

**Mattos, Ricardo Gabriel**

2009. See Freitas, A. V. L. et al., 2009.

**Mattos Sobrinho, Catarina Cotrim de, Arlete José da Silveira, Maria Aparecida Castellani, Norma Eliane Pereira and Maria Aparecida Leão Bittencourt**

2012. Insetos associados às helicônias cultivadas no litoral sul da Bahia. *Magistra* (Cruz das Almas) 24(número especial): 57-62 (December) [general; host plants; Brazil]

**Matus-Vicente, Diego Alberto, and Raúl Contreras-Medina**

2014. Primer registro de *Parides alopilus* (Godman y Salvin, 1890) para el Estado de Oaxaca (Papilionidae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 2(1): 2-3, 1 fig. (20 August) [Mexico]

**Matusik, David**

1985. See Johnson, K. D. et al., 1985.  
1986a. See Johnson, K. D. & D. Matusik, 1986.  
1986b. See Johnson, K. D. et al., 1986a.  
1986c. See Johnson, K. D. et al., 1986b.  
1987a. See Johnson, K. D. & D. Matusik, 1987a.  
1987b. See Johnson, K. D. & D. Matusik, 1987b.  
1987c. See Johnson, K. D. et al., 1987.  
1987d. See Johnson, K. D. & D. Matusik, 1987c.  
1988. See Johnson, K. D. & D. Matusik, 1988.  
1989a. See Johnson, K. D. & D. Matusik, 1989a.  
1989b. See Johnson, K. D. & D. Matusik, 1989b.  
1990. See Johnson, K. D. & D. Matusik, 1990.  
1992. See Johnson, K. D. & D. Matusik, 1992.  
1993. See Johnson, K. D. & D. Matusik, 1993.

**Matz, Jess, and Andrew Van Zandt Brower**

2016. The south temperate Pronophilina (Lepidoptera: Nymphalidae: Satyrinae): a phylogenetic hypothesis, redescrptions and revisionary notes. *Zootaxa* 4125(1): 1-108, 30 figs., 2 tabs. (15 June) [general; new replacement name: *Neomaenas poliozona eustephanos*; Peru, Bolivia, Chile, Argentina, Brazil]

**Maunsell, Sarah C.**

2018. See Espeland, M. et al., 2018.

**Maurer, Lisa**

2010. See Albert, R. et al., 2010.

**Maurício, Elaine Gomes, Sandra Regina da Silva Ventura and Acácio Geraldo de Carvalho**

2000. Biologia de *Urbanus acawoios* (Lepidoptera: Hesperidae) em *Clitoria fairchildiana* (Leguminosae). *Floresta* (Curitiba) 30(1/2): 178 (November) [abstract; Brazil]

**Maurício-da-Silva, Luiz, and Aldo Mellender de Araújo**

1994. The genetic structure of *Heliconius erato* populations (Lepidoptera; Nymphalidae). *Revista brasileira de Genética* 17(1): 19-24, 2 figs., 5 tabs. [Brazil]

**Mauriès, Jean-Paul**

1991. See Lescure, J. et al., 1991.

**Mavárez, Jesús**

2005. See Jiggins, C. D. et al., 2005b.  
2006. See Joron, M. et al., 2006b.  
2008a. See Jiggins, C. D. et al., 2008.  
2008b. See Arias, C. F. et al., 2008.  
2009. See Duéñez-Guzmán, E. A. et al., 2009.  
2013. See Mérot, C. et al., 2013.  
2017. See Pyrcz, T. W. et al., 2017.

**Mavárez, Jesús, and M. González**

2006. A set of microsatellite markers for *Heliconius melpomene* and closely related species. *Molecular Ecology Notes* 6(1): 20-23, 2 tabs. (March; published online 20 January) [French Guiana, Panama]

**Mavárez, Jesús, and Mauricio Linares**

2008. Homoploid hybrid speciation in animals. *Molecular Ecology* 17(19): 4181-4185, 2 figs. (October; published online 20 August) [*Heliconius*]

**Mavárez, Jesús, Camilo Andrés Salazar, Eldredge P. Bermingham, Christian Salcedo, Christopher David Jiggins and Mauricio Linares**

2006. Speciation by hybridization in *Heliconius* butterflies.

- Nature* (London) 441(7095): 868-871, 3 figs., 2 tabs. (15 June) [Panama, Colombia, Venezuela]
- Mawela, K. V.**  
2011. See Simelane, D. O. et al., 2011.
- May, Catalina**  
2013. Aleteos de color. *PAT* (Santiago de Chile) 53: 58-65, figs. [general; Chile]
- May, Edward George Last** [1870-1956]  
1924a. Migrações de borboletas no Brasil e em particular da *Mechanitis nessaea* [sic], Hubner [sic]. *Boletim do Museu nacional do Rio de Janeiro* 1(2): 165-166 (January) [general]  
1924b. *Morpho absoloni* sp. nov. *Boletim do Museu nacional do Rio de Janeiro* 1(3): 217-218 (March) [Brazil]  
1924c. Relatório das excursões effectuadas nos Estados de Rio, Minas Geraes e Bahia. *Boletim do Museu nacional do Rio de Janeiro* 1(5): 367-375 (July) [general; Brazil]  
1924d. Notas sobre *Agrias claudia* f. *claudina*. *Boletim da Sociedade entomológica do Brasil* (Rio de Janeiro) 1(4/6): 15-16. [general; Brazil]  
1925a. *Papilio kuhlmanni* subsp. [sic] nov. *Boletim do Museu nacional do Rio de Janeiro* 1(6): 405 (March) [Brazil]  
1925b. Instruções para captura, conservação e remessa de Lepidópteros (borboletas). *Instruções. Museu nacional do Rio de Janeiro* 2: 1-8, 8 pls.  
1926. Lepidópteros do gênero *Morpho* no Rio e seus arredores. *Boletim do Museu nacional do Rio de Janeiro* 2(2): 89-90 (March) [general; Brazil]  
1929. *Agrias claudia roquettei* subsp. nov. ♀. *Boletim do Museu nacional do Rio de Janeiro* 5(4): 39-40, 2 pls. (December) [*Papilio kuhlmanni* May, *Morpho absoloni* May: figured; Brazil]  
1932a. *Prepona meander castorina* form. nov. *Boletim do Museu nacional do Rio de Janeiro* 8: 65-66 (December) [Brazil]  
1932b. Notas sobre a diminuição de insectos em geral e lepidópteros em especial nos arredores do Rio de Janeiro, Distrito Federal. *Boletim do Museu nacional do Rio de Janeiro* 8: 129-130 (December) [Morphinae; Brazil]  
1933. Notas sobre a collecção de lepidópteros do Estado de Matto Grosso feita pela comissão Rondón. *Boletim do Museu nacional do Rio de Janeiro* 9(2): 119-126 (June) [general; Brazil]  
1938. *Papilio torquatus* f. *polybius*, Swainson no Rio de Janeiro e arredores. *Boletim do Museu nacional do Rio de Janeiro* 13(3/4): 101-102, 1 pl. ("September-December 1937", 1938) [morphology; Brazil]  
1939. Notes on the lepidopterous fauna of the northern region of the State of Espírito Santo, Brasil. *Physis* (Buenos Aires) 17(49): 133-136 (31 May) [general]  
1941. See Travassos, L. P. & E. G. L. May, 1941.  
1945. As borboletas do Museu Nacional. *Chácaras e Quintaes* (São Paulo) 72(3): 304, 1 fig. (15 September) [Brazil]
- May, Edward George Last, Lilian Fontes and Alexandre Soares**  
2014. *As borboletas de Edward May*. Rio de Janeiro, Réptil Editora. 196 pp., figs. (October) [general; Brazil]
- May, Edward George Last, and Mario Rosa**  
1938. Relatório da excursão efetuada no Estado do Espírito Santo durante os meses de Agosto e Setembro de 1937. *Boletim do Museu nacional do Rio de Janeiro* 13(3/4): 105-109 ("September-December 1937", 1938) [*Prepona pheidamas* form *phila* Fruhstorfer, *Agrias*; Brazil]
- May, Susan J.**  
1972. A new species of *Lemonias* (Lepidoptera: Nemeobiidae) from Trinidad. *Entomologist* 105(1313): 257-259, pl. 4, figs. (27 November) [*L. urichi*]
- May-Uc, Emigdio**  
2005. See Maya, A. et al., 2005.  
2009. See Pozo, M. del C. et al., 2009.
- Maya, Aixchel**  
2003. See Pozo, M. del C. et al., 2003.  
2008. See Pozo, M. del C. et al., 2008.  
2011. See Pozo, M. del C. et al., 2011.
- Maya, Aixchel, María del Carmen Pozo and Emigdio May-Uc**  
2005. Las mariposas (Rhopalocera: Papilionidae, Pieridae y Nymphalidae) de la selva alta subperennifolia de la región de Calakmul, México, con nuevos registros. *Folia entomologica mexicana* 44(2): 123-143, 3 figs., 6 tabs. (August) [general]
- Maya, Aixchel, María del Carmen Pozo and Juan J. Schmitter**  
2009. Distribution patterns of Charaxinae (Lepidoptera: Nymphalidae) in Yucatán peninsula, Mexico. *Acta zoológica mexicana* (N. S.) 25(2): 283-301, 4 figs., 5 tabs. (August) [general]
- Maya, Aixchel, Juan J. Schmitter and María del Carmen Pozo**  
2011. Panbiogeography of the Yucatan peninsula based on Charaxinae (Lepidoptera: Nymphalidae). *Florida Entomologist* 94(3): 527-533, 2 figs., 1 tab. (September) [general; Mexico]
- Mayer, Alfred Goldsborough** [1868-1922]  
1897. On the color and color-patterns of moths and butterflies. *Bulletin of the Museum of comparative Zoology* 30(4): 169-256, 10 pls. (February) [also in *Proceedings of the Boston Society of natural History* 27(14): 243-330, 10 pls., 28 tabs.; March 1897] [general; mimicry]  
1902. Effects of natural selection and race-tendency upon the color-patterns of Lepidoptera. *Science Bulletin of the Museum of the Brooklyn Institute of Arts and Science* 1(2): 31-86, 2 pls., 30 tabs. (October) [general; Neotropics]
- Mayer, Christoph**  
2019. See Kawahara, A. Y. et al., 2019.
- Maynard, Charles Johnson** [1845-1929]  
1889a. Description of a new species of butterfly from the West Indies. *Contributions to Science* (Newtonville) 1(2): 88-92, pl. 8 (July) [*Agraulis insularis*; distribution; behavior]  
1889b. Notes on the maroon butterfly, *Danais berenice*. *Contributions to Science* (Newtonville) 1(3): 137-139, pl. 10 (October) [behavior; distribution]  
1891. *Manual of North American butterflies*. Boston, DeWolfe, Fiske & Co. iv + 226 pp., 10 pls., 1 + 60 figs. ([May]) [general; new species: *Terias blakei*; Neotropics]
- Maza, Florencio**  
2009. See Donoso, D. A. et al., 2009.
- Maza, Javier de la** [1953- ]  
1975a. Colecta de mariposas diurnas. *Revista de la Sociedad mexicana de Lepidopterología* 1(1): 21-22, 1 fig. (June) [general; Mexico]  
1975b. Una nueva forma de *Prestonia clarki* Schaus (Pieridae). *Revista de la Sociedad mexicana de Lepidopterología* 1(2): 38-41, 5 figs. (December) [*P. c.* form *semimaculata*; Mexico]  
1975c. See Maza, R. F. de la & J. de la Maza, 1975.  
1977a. Estudio sobre el género *Diaethria* Billb. (Lepidoptera: Nymphalidae) en México. *Revista de la Sociedad mexicana de Lepidopterología* 3(1): 5-15, 11 figs., 1 map (1 June) [general; new taxa: *D. mixteca*, *D. m.* form *punctata*, *D. m.* form *hibernalis*, *D. anna* form *patlensis*]  
1977b. Notas sobre *Heliconius* (*Laparus*) *doris* L. (Heliconiidae) en México. *Revista de la Sociedad mexicana de Lepidopterología* 3(1): 42, 44, 1 fig. (1 June) [general]  
1977c. See Maza, R. G. de la & J. de la Maza, 1977.  
1977d. See Maza, R. G. de la et al., 1977.  
1977e. Reconsideración taxonómica de *Papilio garamas baroni* R. y. J. 1906 (Lepidoptera: Papilionidae). *Revista de la*

- Sociedad mexicana de Lepidopterología* 3(2): 74-84, 9 figs. (30 December) [general; *P. abderus baroni* new female form *morenoi*; Mexico]
- 1978a. See Lamas, G. & J. de la Maza, 1978.
- 1978b. See Díaz, A. & J. de la Maza, 1978.
- 1979a. See Maza, R. G. de la & J. de la Maza, 1979.
- 1979b. Notas sobre los Ithomiidae de México. I: La Soledad (Jacatepec), Oaxaca. *Boletín informativo. Sociedad mexicana de Lepidopterología* 5(1): 9-16 (January-March) [general; ecology; behavior; host plants]
- 1979c. Notas sobre los Ithomiidae de México. II. Metates (Sierra de Juárez), Oaxaca. *Boletín informativo. Sociedad mexicana de Lepidopterología* 5(2): [2]-[6] (April-June) [general]
- 1980a. Notas sobre los Ithomiidae de México. III: La Esperanza (Sierra de Juárez), Oaxaca. *Boletín informativo. Sociedad mexicana de Lepidopterología* 6(1): 3-9 (January-March) [general]
- 1980b. Monarca. Reina de las mariposas. *Bosques y Fauna* (México) 3(4): 4-7, figs. (October-December) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1981a. See Maza, R. G. de la & J. de la Maza, 1981a.
- 1981b. See Maza, R. G. de la & J. de la Maza, 1981b.
1983. See Maza, R. G. de la & J. de la Maza, 1983.
1984. See Miller, L. D. & J. de la Maza, 1984.
1988. See Maza, R. G. de la & J. de la Maza, 1988.
1989. See Maza, R. G. de la et al., 1989.
1993. See Maza, R. G. de la & J. de la Maza, 1993.
2015. See Maza, R. G. de la & J. de la Maza, 2015.
- 2016a. See Maza, R. G. de la & J. de la Maza, 2016.
- 2016b. See Maza, R. G. et al., 2016.
- 2017a. See Maza, R. G. de la & J. de la Maza, 2017a.
- 2017b. See Maza, R. G. de la & J. de la Maza, 2017b.
- 2017c. See Maza, R. G. de la et al., 2017.
- 2017d. See Maza, R. G. de la & J. de la Maza, 2017c.
- 2018a. See Maza, R. G. de la & J. de la Maza, 2018a.
- 2018b. See Maza, R. G. de la & J. de la Maza, 2018b.
- 2019a. See Maza, R. G. de la & J. de la Maza, 2019a.
- 2019b. See Maza, R. G. de la & J. de la Maza, 2019b.
- 2019c. See Maza, R. G. de la & J. de la Maza, 2019c.
- Maza, Javier de la, and William H. Calvert**
1993. Investigations of possible Monarch butterfly overwintering areas in central and southeastern Mexico. *Science Series. Natural History Museum of Los Angeles County* 38: 295-297 (18 February) [*Danaus plexippus* (Linnaeus)]
- Maza, Javier de la, and Julia Carabias**
2011. *Usumacinta. Bases para una política de sustentabilidad ambiental*. México, Instituto Mexicano de Tecnología del Agua; Natura y Ecosistemas Mexicanos A.C. 252 pp., figs., tabs. (November) [general; conservation; Mexico]
- Maza, Javier de la, and Alberto Díaz**
- 1978a. Una nueva especie del género *Epiphile* Dbl. de México y Guatemala (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 4(1): 15-22, 5 figs. (30 June) [general; *E. hermosa*]
- 1978b. Dos nuevas especies del género *Anaea* Hübner de México (Nymphalidae, Charaxinae). *Revista de la Sociedad mexicana de Lepidopterología* 4(1): 29-38, 12 figs. (30 June) [general; *A. (Memphis) rayoensis*, *A. (M.) martinezi*]
1979. Notas y descripciones sobre la familia Papilionidae en México. *Revista de la Sociedad mexicana de Lepidopterología* 4(2): 51-56, 5 figs. (31 March) [general]
1982. *Anaea dia* G. y S. un nuevo registro para México (Nymphalidae: Charaxinae). *Revista de la Sociedad mexicana de Lepidopterología* 7(2): 39-40, 2 figs. (25 February)
- Maza, Javier de la, Alberto Díaz and Luis G. López**
1977. Importante hallazgo del macho de *Prepona* (*Prepona brooksiana brooksiana* G. y S. 1889, en la localidad tipo y en otras más (Lepidoptera: Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 3(2): 49-56, 5 figs. (30 December) [general; Mexico]
- Maza, Javier de la, and Gerardo Lamas**
1982. Una nueva subespecie mexicana de *Pteronymia artema* (Hewitson) (Nymphalidae: Ithomiinae). *Revista de la Sociedad mexicana de Lepidopterología* 7(1): 27-28, 2 figs. (25 February) [*P. a. praedicta*]
- Maza, Javier de la, and Roberto Gonzalo de la Maza**
1976. Papilionidos del Cañón del Novillo, Tamaulipas (Lepidoptera: Papilionidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 24-31, 8 figs. (1 June) [general; Mexico]
1980. Notas y descripciones sobre la familia Riodinidae en México. *Revista de la Sociedad mexicana de Lepidopterología* 6(1): 7-19, 19 figs. (25 June) [general; new species: *Mesosemia gemina*]
- 1981a. Notas sobre *Agrias amydon oaxacata* Kruck (Nymphalidae: Charaxinae). *Revista de la Sociedad mexicana de Lepidopterología* 6(2): 47-48, 1 fig. (15 March) [Mexico; mimicry]
- 1981b. Notas sobre los Ithomiidae de México. IV: Zona Loxicha, Pacífico de Oaxaca. *Boletín informativo. Sociedad mexicana de Lepidopterología* 7(1): 3-10 (January-March) [general]
1982. Nuevos registros de *Agrias* para México (Nymphalidae: Charaxinae). *Revista de la Sociedad mexicana de Lepidopterología* 7(1): 17-26, 7 figs. (25 February) [*A. amydon philatelica* DeVries, *A. aedon rodriguezi* Schaus; mimicry]
1984. Nuevos Dismorphiinae de México y El Salvador (Pieridae). *Revista de la Sociedad mexicana de Lepidopterología* 9(1): 3-12, 16 figs., 1 map (15 November) [*Lieinix neblina*, *L. lala turrenti*, *Dismorphia crisis alvarezii*, *D. c. steinhauseri*]
- 1985a. La fauna de mariposas de Boca de Chajul, Chiapas, México (Rhopalocera). Parte I. *Revista de la Sociedad mexicana de Lepidopterología* 9(2): 23-44, 8 figs. (15 November) [general]
- 1985b. La fauna de mariposas de Boca de Chajul, Chiapas, México (Rhopalocera). Parte II. *Revista de la Sociedad mexicana de Lepidopterología* 10(1): 1-24, 8 pls., figs. 9-10, 1 tab. (30 November) [general]
- 1989a. Notas sobre *Perrhybris pamela* (Cramer), con la descripción de dos nuevas subespecies de México y Guatemala (Pieridae: Pierinae). *Revista de la Sociedad mexicana de Lepidopterología* 13(1): 3-10, 2 figs. (15 November) [*P. p. chajulensis*, *P. p. mapa*]
- 1989b. Una nueva subespecie de *Oopoptera staudingeri* (G. y S. 1894) de México (Nymphalidae: Brassoliniinae). *Revista de la Sociedad mexicana de Lepidopterología* 13(1): 25-28, 2 figs. (15 November) [*O. s. mexicana*]
- [2016]. *La fauna de mariposas (Lepidoptera: Rhopalocera) del Río Lacantún*, pp. 186-191, 633-649, figs. In: Carabias, J., J. de la Maza & R. Cadena (Eds.), *Conservación y desarrollo sustentable en la Selva Lacandona. 25 años de actividades y experiencias*. México, Natura y Ecosistemas Mexicanos, A.C. ("2015", [May 2016]) [general; Mexico]
- 2019a. Descripción de una nueva especie y una nueva subespecie del género *Memphis* Hübner del sureste de México y su relación con las especies del "complejo *philumena*" (Nymphalidae: Charaxinae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 6(2): 20-35, 14 figs. (15 January) [*M. xenica carlosi*, *M. elisa*]

- 2019b. Descripción de una nueva subespecie de *Memphis proserpina* (Salvin, 1869) de la región de Los Tuxtlas, Veracruz, México (Nymphalidae: Charaxinae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 7(2): 42-49, 7 figs. (20 August) [*M. p. josefina*]
- 2019c. Nota sobre *Amphidecta pignerator* Butler, 1867, en México (Nymphalidae: Satyrinae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 7(2): 74-76, 2 figs. (20 August) [distribution]
- Maza, Javier de la, Roberto Gonzalo de la Maza and Roberto Francisco de la Maza**
1982. Lepidópteros nuevos del Estado de Guerrero, México. (Papilionoidea). *Revista de la Sociedad mexicana de Lepidopterología* 7(1): 2-14, 15 figs. (25 February) [*Eurytides marchandi occidentalis*, *Actinote guatemalena guerrerensis*, *Eueides isabella nigricornis*, *Catonephele cortesi*, *Myscelia cyaniris alvaradia*, *Eunica augusta agustina*, *Archaeoprepona amphimachus baroni*]
1999. Una nueva subespecie de *Agrias amydon* Hewitson de México y Guatemala (Nymphalidae - Charaxinae). *Revista de la Sociedad mexicana de Lepidopterología* [17](1): 1-7, 4 figs. (July) [*A. a. lacandona*]
- Maza, Javier de la, Rafael Moreno and Eduardo Fernández**
1975. Excursiones. *Boletín informativo. Sociedad mexicana de Lepidopterología* 1(2): 3 (March-April) [general; Mexico]
- Maza, Javier de la, and Gordon Burgess Small, Jr.**
- 1979a. Descripción del macho de *Epiphile grandis* Butler (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 4(2): 57-60, 3 figs. (31 March) [Costa Rica]
- 1979b. Descripción del macho de *Epiphile grandis* Butler (Nymphalidae). [Adición]. *Revista de la Sociedad mexicana de Lepidopterología* 4(2): 62, 1 fig. (31 March) [Costa Rica]
- Maza, Javier de la, and Adolfo White**
1986. Redescubrimiento de *Nymphalis cyanomelas* (Dbl. & Hew.) en México (Nymphalidae: Nymphalinae). *Revista de la Sociedad mexicana de Lepidopterología* 10(2): 35-39, 3 figs. (30 December)
- Maza, Javier de la, Adolfo White and Roberto Gonzalo de la Maza**
1991. La fauna de mariposas de México. Parte II. Hesperioidea (Lepidoptera: Rhopalocera). *Revista de la Sociedad mexicana de Lepidopterología* 14(1): 3-44 (15 January) [general]
- Maza, Javier de la, Jorge White and Adolfo White**
1987. Observaciones sobre el polimorfismo femenino de *Baronia brevicornis* Salv. (Papilionidae: Baroniinae) con la descripción de una nueva subespecie del Estado de Chiapas, México. *Revista de la Sociedad mexicana de Lepidopterología* 11(1): 3-13, 9 figs. (30 October) [*B. b. rufodiscalis*]
- Maza, Regina H. de la**
1976. See Maza, R. G. de la & R. H. de la Maza, 1976.
- Maza, Roberto Francisco de la** [1929-2003]
- 1975a. El significado de nuestro escudo. *Boletín informativo. Sociedad mexicana de Lepidopterología* 1(1): 3-4 (January-February) [general; ethnology; Mexico]
- 1975b. Colecta en el Sureste. *Boletín informativo. Sociedad mexicana de Lepidopterología* 1(5): 2-5 (September-October) [general; Mexico]
- 1976a. Colecta del 14 al 23 de Abril en los Estados de Oaxaca y Chiapas. *Boletín informativo. Sociedad mexicana de Lepidopterología* 2(2): 6-7 (March-April) [general; Mexico]
- 1976b. Colecta en Sierra de Juárez, Oaxaca. *Boletín informativo. Sociedad mexicana de Lepidopterología* 2(3): 2-4 (May-June) [general; Mexico]
- 1976c. Una interesante aberración de *Parides alopis* (Godman y Salvin) (Papilionidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 5-7, 1 pl., 4 figs. (1 June) [*P. a. aberration tepoztecati*; Mexico]
- 1976d. La mariposa y sus estilizaciones en las culturas Teotihuacana (200 a 750 D.C.) y Azteca (1325 a 1521 D.C.). *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 39-48, 13 figs. (1 June) [general; archaeology; ethnology; Mexico]
- 1976e. Colecta en el Estado de Nuevo León, del 23 al 31 de julio de 1976. *Boletín informativo. Sociedad mexicana de Lepidopterología* 2(4): 2-3, 1 fig. (July-August) [general; Mexico]
- 1976f. Nueva aberración en *Anartia fatima* Fabr. (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(2): 103, 1 fig. (1 November) [*A. f. aberration oscurata*; Mexico]
1977. Nueva forma femenina de *Catasticta teutila* Dbl. (Pieridae). *Revista de la Sociedad mexicana de Lepidopterología* 3(1): 33-34, 44, 1 fig. (1 June) [*C. t. female form flavifaciata*; Mexico]
- 1978a. Migración de *Danaus plexippus*. *Boletín informativo. Sociedad mexicana de Lepidopterología* 4(1): 13-15 (January-February) [behavior; ecology; Mexico]
- 1978b. Una nueva especie del género *Phyciodes* Hübner de México (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 4(1): 39-44, 3 figs. (30 June) [general; *P. (Eresia) chinantlensis*]
- 1978c. See Maza, R. G. de la & R. F. de la Maza, 1978.
- 1979a. See Maza, R. G. de la & R. F. de la Maza, 1979.
- [1979]b. Se inició la migración de la mariposa monarca *Danaus plexippus* L. (Danidae: Lepidoptera). *Boletín informativo. Sociedad mexicana de Lepidopterología* 4(6): 3 ("November-December 1978", [1979]) [Mexico]
1980. Variabilidad extrema de *Chlosyne lacinia* Gey. (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 5(2): 75-76, 1 fig. (5 April) [Mexico]
1982. See Maza, J. de la et al., 1982.
1984. Descripción de una nueva subespecie de *Melete florinda* Butler, de Oaxaca, México (Pieridae). *Revista de la Sociedad mexicana de Lepidopterología* 9(1): 19-20, 1 fig. (15 November) [*M. f. serrana*]
1987. *Mariposas mexicanas. Guía para su colecta y determinación*. México, Fondo de Cultura Económica. 304 pp., 67 pls., 58 figs. (October) [Ed. 2, 1991] [general]
1995. See Maza, R. G. de la et al., 1995.
1999. See Maza, J. de la, R. G. de la Maza & R. F. de la Maza, 1999.
- Maza, Roberto Francisco de la, and Alberto Díaz**
1977. Diferenciación de *P. lycimenes* y *P. iphidamas* en México. *Boletín informativo. Sociedad mexicana de Lepidopterología* 3(4): 15-18, 6 figs. (July-August) [*Parides*]
- Maza, Roberto Francisco de la, and Javier de la Maza**
1975. Adiciones al catálogo de lepidópteros mexicanos. *Revista de la Sociedad mexicana de Lepidopterología* 1(2): 62-64, 4 figs. (December) [general]
- Maza, Roberto Francisco de la, and Roberto Gonzalo de la Maza**
1978. Notas sobre la familia Papilionidae en México. I. San Nicolás Tolentino, Mex. (Lep.). *Boletín informativo. Sociedad mexicana de Lepidopterología* 4(2): 3-7 (March-April) [general; habitat; behavior]
- Maza, Roberto Gonzalo de la** [1952- ]
- 1975a. See Beutelspacher, C. R. & R. G. de la Maza, 1975.
- 1975b. Notas sobre lepidópteros de Rancho Viejo y Tepoztlán, Morelos, México. Primera parte: Papilionoidea. *Revista de*

- la Sociedad mexicana de Lepidopterología* 1(2): 42-61, 15 figs. (December) [general; ecology]
- 1976a. La colección Díaz Francés. *Boletín informativo. Sociedad mexicana de Lepidopterología* 2(2): 5 (March-April) [general; Mexico]
- 1976b. Notas sobre lepidópteros de Rancho Viejo y Tepoztlán, Morelos, México. Segunda Parte: Hespéridos, megatímidos y cástnidos. *Revista de la Sociedad mexicana de Lepidopterología* 2(1): 15-23, 7 figs. (1 June) [general; ecology]
- 1976c. See Maza, J. de la & R. G. de la Maza, 1976.
- 1976d. Algunas observaciones sobre el ciclo de vida de *Chlosyne lacinia adjatrix* Scudder. *Boletín informativo. Sociedad mexicana de Lepidopterología* 2(5): 4-5 (September-October) [Mexico]
- 1976e. Notas sobre la variabilidad de *Anteros carausius* Westw. (Riodinidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(2): 71-72, 2 figs. (1 November) [new form: *A. c. form chontal*; Mexico]
1978. See Maza, R. F. de la & R. G. de la Maza, 1978.
1979. Notas sobre los Papilionidos de México (Lep.). VII.- Area de Monterrey a Cola de Caballo, Nuevo León. *Boletín informativo. Sociedad mexicana de Lepidopterología* 5(4): 2-15, 2 maps (October-December) [general; ecology; behavior]
- 1980a. Las poblaciones centroamericanas de *Parides erithalion* (Boisd.). (Papilionidae: Troidini). *Revista de la Sociedad mexicana de Lepidopterología* 5(2): 51-74, 20 figs. (5 April) [Mexico, Costa Rica, Panama, Colombia; biogeography]
- 1980b. See Maza, J. de la & R. G. de la Maza, 1980.
- 1980c. Notas sobre los Papilionidae en México (Lep.). VIII. Area de San Luis Potosí S.L.P. *Boletín informativo. Sociedad mexicana de Lepidopterología* 6(3): 3-14, 1 tab., 2 maps (July-September) [general]
- 1981a. See Maza, J. de la & R. G. de la Maza, 1981a.
- 1981b. See Maza, J. de la & R. G. de la Maza, 1981b.
- 1982a. See Maza, J. de la et al., 1982.
- 1982b. See Maza, J. de la & R. G. de la Maza, 1982.
1984. See Maza, J. de la & R. G. de la Maza, 1984.
- 1985a. See Maza, J. de la & R. G. de la Maza, 1985a.
- 1985b. See Maza, J. de la & R. G. de la Maza, 1985b.
1988. Rhopalocera del Sur del Altiplano Potosino. Estados de San Luis Potosí y Guanajuato, México. *Revista de la Sociedad mexicana de Lepidopterología* 12(1): 3-34, 2 figs. 7 tabs., 7 graphs, 5 maps (15 December) [general]
- 1989a. See Maza, J. de la & R. G. de la Maza, 1989a.
- 1989b. See Maza, J. de la & R. G. de la Maza, 1989b.
1991. See Maza, J. de la et al., 1991.
1995. La monarca del vuelo. *Ciencias* (México) 37: 4-18, 12 figs. (January-March) [*Danaus plexippus* (Linnaeus); life history; behavior; distribution; migration; ecology; conservation; Mexico]
- 1999a. See Maza, J. de la, R. G. de la Maza & R. F. de la Maza, 1999.
- 1999b. Hallazgo de *Parides anchises* (Linneo, 1758) en la costa de Chiapas, México, y descripción de una nueva subespecie. *Revista de la Sociedad mexicana de Lepidopterología* [17](1): 8-16, 5 figs., 1 map (July) [*P. a. marthilia*]
2010. *Lepidópteros diurnos*, pp. 179-194, 1 + 13 figs., 1 tab. In: Ceballos, G., L. Martínez, A. García, E. Espinoza, J. Bezaury & R. Dirzo (Eds.), *Diversidad, amenazas y áreas prioritarias para la conservación de las selvas secas del Pacífico de México*. México, Fondo de Cultura Económica. (April) [general]
2011. See Warren, A. D. & R. G. de la Maza, 2011.
2015. Comportamiento de la lepidopterofauna durante el eclipse total de sol del 11 de julio de 1991 en Chiconcuac, Morelos, México, (Lepidoptera). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 3(1): 2-8, figs. (22 July) [general]
- [2016]. See Maza, J. de la & R. G. de la Maza, [2016].
- 2019a. See Maza, J. de la & R. G. de la Maza, 2019a.
- 2019b. See Maza, J. de la & R. G. de la Maza, 2019b.
- 2019c. See Maza, J. de la & R. G. de la Maza, 2019c.
- Maza, Roberto Gonzalo de la, and Juan Bezaury**
1992. *Estudio preliminar de la diversidad de mariposas diurnas de la Reserva de la Biósfera de Sian Ka'an, Quintana Roo*, pp. 217-239. In: Navarro, D. & E. Suárez (Eds.), *Diversidad Biológica en la Reserva de la Biósfera de Sian Ka'an, Quintana Roo, México*. Chetumal, Centro de Investigaciones de Quintana Roo (CIQRO). 2 [general]
- Maza, Roberto Gonzalo de la, and Alberto Díaz**
1978. Una nueva subespecie de *Parides lycimenes* Boisd. de México (Lepidoptera, Papilionidae). *Revista de la Sociedad mexicana de Lepidopterología* 4(1): 7-14, 7 figs. (30 June) [general; *P. l. septentrionalis*]
- Maza, Roberto Gonzalo de la, and David Gutiérrez**
- [1994]. Rhopaloceros de Quintana Roo, su distribución, origen y evolución. *Revista de la Sociedad mexicana de Lepidopterología* 15(1): 1-43 + 14 pp. annex; 2 pls., 1 fig., 4 tabs., 10 graphs, 5 maps ("15 January 1992", [March 1994]) [general]
- Maza, Roberto Gonzalo de la, and Javier de la Maza**
1977. Notas sobre el ciclo de vida de *Polygonia g-argenteum* (Dbl y Hew) (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 3(1): 35-41, 8 figs. (1 June) [host plants; egg, larva, pupa, imagines; behavior; Mexico]
1979. Confirmación de la existencia de *Parides lycimenes lycimenes* Boisd. en la Región Lacandona, Chiapas, México (Papilionidae). *Revista de la Sociedad mexicana de Lepidopterología* 4(2): 47-50, 2 figs. (31 March)
- 1981a. Nuevos reportes para el noreste de México. *Boletín informativo. Sociedad mexicana de Lepidopterología* 7(1): 11-14 (January-March) [general]
- 1981b. Notas sobre los Papilionidae en México (Lep.). IX.- Sierra de Álvarez S.L.P. *Boletín informativo. Sociedad mexicana de Lepidopterología* 7(2): 6-23, 1 fig., 3 maps (April-June) [general]
1983. Descripción de nuevas subespecies del género *Callicore* Hübner de México y Guatemala (Nymphalidae: Nymphalinae). *Revista de la Sociedad mexicana de Lepidopterología* 8(1): 3-11, 12 figs. (15 August) [*C. titania grijalva*, *C. t. tacana*, *C. t. loxicha*, *C. guatemalena tehuana*]
1988. Notas sobre los Rhopalocera de la Sierra de Álvarez, San Luis Potosí, México (Lepidoptera). *Revista de la Sociedad mexicana de Lepidopterología* 11(2): 33-59, 8 figs., 3 tabs., 7 graphs, 3 maps (30 May) [general]
1993. *Mariposas de Chiapas*. México, Gobierno del Estado de Chiapas. 224 pp., figs. (September) [general; Mexico]
2015. Redescubrimiento de *Lymanopoda cinna* Godman & Salvin, 1889 (Satyrinae-Pronophilina) en el Volcán Tacaná, Chiapas, México. *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 2(2): 2-11, figs., graphs (30 January) [behavior, ecology, conservation]
2016. *Parides "eurimedes mylotes"* (sensu Rothschild y Jordan 1906) es un anillo mimético en México, no un taxón (Rhopalocera-Papilionidae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 3(2): 2-21, figs. (10 January) [taxonomy; distribution]
- 2017a. Una nueva especie de *Apodemia* C. y R. Felder, de la



- cuenca inferior del Río Balsas, Michoacán, México (Lepidoptera-Riodinidae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 4(2): 31-36, 5 figs. (20 January) [A. *planeca*]
- 2017b. Una nueva especie de *Apodemia* C. y R. Felder, de la cuenca inferior de la Selva Lacandona, Río Lacantún, Chiapas, México (Lepidoptera-Riodinidae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 4(2): 37-44, 6 figs. (20 January) [A. *selvatica*]
- 2017c. Las mariposas diurnas (Papilionoidea y Hesperioidea) de los Altos de Chiapas, México, distribución, composición, origen y evolución. *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 5(1): 9-40, 5 figs., 7 tabs. (24 July) [general]
- 2018a. Identificación de la población nominal de *Napeogenes tolosa* (Hewitson [1855]) y descripción de una nueva subespecie de la Sierra Norte de Puebla, México. (Nymphalidae, Ithomiinae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 5(2): 48-59, 8 figs., 1 tab. (8 January) [N. t. *tepehua*]
- 2018b. Una nueva especie de *Volturnia*, Stichel, 1910, de la cuenca del Río Necaxa, sierra norte de Puebla, México (Lepidoptera: Riodinidae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 6(1): 2-11, 7 figs., 2 tabs. (15 July) [V. *necaxa*]
- 2019a. Identificación de la población nominal de *Chlosyne melitaeoides* (C. y R. Felder, [1867]) y descripción de una nueva subespecie de Puebla y Oaxaca, México (Nymphalidae: Melitaeini). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 6(2): 2-15, 13 figs. (15 January) [C. m. *haghenbecki*]
- 2019b. Las poblaciones de *Parides iphidamas* (Fabricius, 1793), *sensu* Gray ([1853]), en México, y descripción de tres nuevas subespecies (Papilionidae: Troidini). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 7(1): 15-34, 6 figs. (2 April) [*P. i. kaneek*, *P. i. tacanaensis*, *P. i. trinitaria*]
- 2019c. Una nueva subespecie de *Parides anchises* (Linnaeus, 1758) del centro este de Chiapas, México (Papilionidae: Troidini). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 7(2): 50-61, 8 figs. (20 August) [*P. a. lagartero*]
- Maza, Roberto Gonzalo de la, Javier de la Maza and Alberto Díaz**
1977. Movimientos migratorios de "Monarcas" en el Estado de Oaxaca, México. *Boletín informativo. Sociedad mexicana de Lepidopterología* 3(5): 12-13, 1 fig. (September-October) [*Danaus plexippus* (Linnaeus)]
- Maza, Roberto Gonzalo de la, Javier de la Maza, Gerardo Lamas and Stéphane Attal**
2016. Identificación de *Volturnia umbra* (Boisduval, 1870), y descripción de tres nuevas especies y una nueva subespecie de este género en México (Lepidoptera: Riodinidae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 4(1): 2-23, 10 figs., 1 tab. (30 June) [V. u. *veracruzana*, V. *loxicha*, V. *totonaca*, V. *maya*; ecology, behavior]
- Maza, Roberto Gonzalo de la, Javier de la Maza and Rafael Turrent**
2017. *Mariposas mexicanas. Una historia de 200 años*. México, Natura y Ecosistemas Mexicanos, A. C. 180 pp., figs. (May) [general]
- Maza, Roberto Gonzalo, Javier de la Maza and Adolfo White**
1989. La fauna de mariposas de México. Parte I. Papilionoidea (Lepidoptera: Rhopalocera). *Revista de la Sociedad mexicana de Lepidopterología* 12(2): 39-98, 1 tab. (15 July) [general]
- Maza, Roberto Gonzalo de la, and Regina H. de la Maza**
1976. Ciclo de vida de *Calephelis perditalis* Barnes y Macdng. (Riodinidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(2): 91-96, 14 figs. (1 November) [Mexico]
- Maza, Roberto Gonzalo de la, and Roberto Francisco de la Maza**
1978. Notas sobre los Papilionidae en México (Lep.). IV. Area de Orizaba a Yanga, Veracruz. *Boletín informativo. Sociedad mexicana de Lepidopterología* 4(5): 15-30, 1 tab., 2 maps (September-October) [general; ecology; behavior]
1979. Notas sobre los Papilionidae en México. V. Zona de Los Tuxtlas, Veracruz. *Boletín informativo. Sociedad mexicana de Lepidopterología* 5(3): 2-18, 1 tab., 1 map (July-September) [general]
- Maza, Roberto Gonzalo de la, and Ernesto Olaya**
1979. Hallazgo de una población de *Papilio abderus* Hopf. en la Sierra de Álvarez, San Luis Potosí, México (Papilionidae). *Boletín informativo. Sociedad mexicana de Lepidopterología* 5(2): [7]-[9] (April-June)
- Maza, Roberto Gonzalo de la, and Jorge Soberón**
1998. Morphological grouping of Mexican butterflies in relation to habitat association. *Biodiversity and Conservation* 7(7): 927-944, 6 figs., 2 tabs. (July) [general]
- Maza, Roberto Gonzalo de la, and Rafael Turrent**
1977. Un nuevo *Calephelis* de la cuenca superior del Río Balsas, México (Riodinidae). *Revista de la Sociedad mexicana de Lepidopterología* 3(2): 85-90, 10 figs. (30 December) [general; C. *yautepequensis*]
1978. Notas sobre la familia Papilionidae en México (Lep.). III. Area del Valle de México. *Boletín informativo. Sociedad mexicana de Lepidopterología* 4(4): 5-14, 1 map (July-August) [general; host plants; larvae, pupae, imagines; behavior; ecology]
1985. Mexican Lepidoptera. Eurytelinae I. *Publicaciones especiales. Sociedad mexicana de Lepidopterología* 4: [vi] + 44 pp., 19 pls., 4 figs., 43 maps [new subespecies: *Pseudonica flavilla bachiana*, *Bolboneura sylphis lacandona*, B. s. *beatrice*, *Myscelia cyananthe diaziana*, *Pyrrhogyra edocla paradisea*, *Temenis laothoe quillapayunia*, *Diaethria mixteca alvarezii*, D. *astala asteroide*]
- Maza, Roberto Gonzalo de la, and Andrew David Warren**
2014. *Cyllopsis nelsoni* (Godman & Salvin 1881) (Nymphalidae-Satyriinae) nuevo registro para Chiapas y México. *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 1(2): 2-4, 5 figs. (15 January)
- Maza, Roberto Gonzalo de la, and Adolfo White**
1990. Rhopalocera de la Huasteca Potosina, su distribución, composición, origen y evolución. *Revista de la Sociedad mexicana de Lepidopterología* 13(2): 31-88, 5 figs., 6 tabs., 7 maps, 6 graphs (15 July) [general; Mexico]
- Maza, Roberto Gonzalo de la, Adolfo White and Roberto Francisco de la Maza**
1995. Exploración de factores compensatorios que permiten el refugio de rhopalocerofauna higrófila en cinco cañadas de clima subhúmedo en Morelos, México. *Revista de la Sociedad mexicana de Lepidopterología* 16(1): 1-63, figs., 1 map (15 November) [general; ecology]
- Maza, Roberto Gonzalo de la, Adolfo White and Arcadio Ojeda**
1995. La horofauna higrófila de la Cañada de la Toma Tilzapotla, Morelos, México (Lepidoptera - Rhopalocera). *Revista de la Sociedad mexicana de Lepidopterología* 15(2): 1-38, figs., 1 tab., 1 map (15 November) [general; ecology]

**Mazel, Robert**

2005. Éléments de phylogénie dans le genre *Leptidea* Billberg, 1820 (Lepidoptera, Pieridae, Dismorphiinae). *Revue de l'Association roussillonnaise d'Entomologie* 14(3): 98-111, 5 pls., 1 fig. (20 December) [*Dismorphia*, *Enantia*, *Lieinix*; systematics; Neotropics]

**Mazer, Cynthia L.**

1994. *Creating a seasonal butterfly exhibit from an existing greenhouse*, pp. 147-151, 1 fig. In: *Invertebrates in Captivity 1994*. Tucson, Sonoran Arthropod Studies Institute. [general]

**Mazer, Cynthia L., and Arthur G. Appel**

2001. Water loss and desiccation tolerances of longwing butterflies (Lepidoptera: Nymphalidae). *Environmental Entomology* 30(4): 631-635, 2 figs., 6 tabs. (August) [Heliconiinae]

**Mazokhin-Porshniakov, Georgii Aleksandrovich [1924-1998]**

1957. Reflecting properties of butterfly wings and role of ultraviolet rays in the vision of insects. *Biophysics* 2(3): 352-362, 5 figs., 1 tab. [Pieridae]

**Mazo-Vargas, Anyi**

2016. See Lewis, J. J. et al., 2016.  
2017. See Zhang, L. et al., 2017.

**Mazo-Vargas, Anyi, Carolina Concha, Luca Livraghi, D. Massardo, R. W. R. Wallbank, Linlin Zhang, Joseph D. Papador, Daniel Martínez-Nájera, Christopher David Jiggins, Marcus R. Kronforst, Casper J. Breuker, Robert D. Reed, Nipam H. Patel, William Owen McMillan and Arnaud Martin**

2017. Macroevolutionary shifts of *WntA* function potentiate butterfly wing-pattern diversity. *Proceedings of the national Academy of Sciences of the United States of America* 114(40): 10701-10706, 4 figs. (3 October; published online 18 September) [general; morphology]

**Mazur, Eric**

2014. See England, G. et al., 2014.

**Mazzocchi, P. H.**

1969. See Meinwald, J. et al., 1969.

**Mazzuferi, Vilma**

2006. See Serra, G. V. et al., 2006.  
2011. See Ávalos, D. S. et al., 2011.  
2013. See Serra, G. V. et al., 2013.

**Meadows, Melissa G.**

2009. See Doucet, S. M. & M. G. Meadows, 2009.

**Meadows, Melissa G., Michael W. Butler, Nathan I. Morehouse, Lisa A. Taylor, Matthew B. Toomey, Kevin J. McGraw and Ronald L. Rutowski**

2009. Iridescence: views from many angles. *Journal of the royal Society of London Interface* 6(supplement 2): S107-S113 (6 April; published online 23 February) [general; morphology]

**Meave, Jorge A.**

2005. See Oñate, L. et al., 2005.

**Mebs, Dietrich, Moritz G. Wagner, Stefan W. Toennes, Cora Wunder and Michael Hans Boppré**

2012. Selective sequestration of cardenolide isomers by two species of *Danaus* butterflies (Lepidoptera: Nymphalidae: Danainae). *Chemoecology* 22(4): 269-272, 1 fig., 1 tab. (December; published online 21 June) [*D. plexippus megalippe* (Hübner), *D. gilippus thersippus* (Bates); host plants; Costa Rica]

**Meck, H. R.**

1970. See Brower, L. P. et al., 1970.

**Medal, Julio César [1951- ]**

2002. See Olckers, T. et al., 2002.

**Medal, Julio César, R. Charudattan, John Jeffrey Mullahey and****Robinson Antonio Pitelli**

1996. An exploratory insect survey of tropical soda apple in Brazil and Paraguay. *Florida Entomologist* 79(1): 70-73, 1 tab. (15 March) [*Mechanitis lysimnia* (Fabricius); host plant; Brazil]

**Medal, Julio César, Daniel E. Gandolfo, Robinson Antonio Pitelli, A. Santana, James P. Cuda and Donald L. Sudbrink**

2000. *Progress and prospects for biological control of Solanum viarum Dunal in the USA*, pp. 627-631, 1 tab. In: Spencer, N. R. (Ed.), *Proceedings of the X International Symposium on biological Control of Weeds*. Bozeman, Montana State University. [*Thecla?* sp., *Mechanitis lysimnia* (Fabricius); host plants; South America]

**Medan, Diego**

2002. See Basilio, A. M. & D. Medan, 2002.  
2003. Reproductive biology of the Andean shrub *Discaria nana* (Rhamnaceae). *Plant Biology* 5(1): 94-102, 1 fig., 2 tabs. (January) [*Pseudolucia charlotte* Bálint & Johnson, *Issoria lathonioides* (Blanchard), *Phulia nymphula* (Blanchard), *Chilanelia stelligera* (Butler); pollination; Argentina]  
2010. See Torretta, J. P. et al., 2010.

**Medan, Diego, and Norberto Horacio Montaldo**

2005. Ornithophily in the Rhamnaceae: The pollination of the Chilean endemic *Coletia ulicina*. *Flora* (Jena) 200(4): 339-344, 1 fig., 1 tab. (1 August) [*Butleria sexguttata* [sic! = *bissexguttatus* (Philippi)], *Neomaenas* cf. *fractifascia* Butler]

**Medan, Diego, Norberto Horacio Montaldo, Mariano Devoto, Anita Mantese, Viviana Vasellati, Germán G. Roitman and Norberto H. Bartoloni**

2002. Plant-pollinator relationships at two altitudes in the Andes of Mendoza, Argentina. *Arctic, Antarctic, and Alpine Research* 34(3): 233-241, 4 figs., 6 tabs. (August) [general]

**Medan, Diego, and Graciela Ponessa**

2003. Movement-assisted dichogamy in *Atamisquea emarginata* (Capparaceae). *Plant Systematics and Evolution* 236(3/4): 195-205 (February) [general; pollination; Argentina]

**Medeiros, Adalberto Dantas de, Diego Rodrigo Dolibaina, Eduardo Carneiro, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**

- 2019a. Taxonomic revision of *Artines* Godman, 1901 (Hesperiidae: Hesperinae: Moncini) with the description of nine new species. *Zootaxa* 4614(1): 1-49, 80 figs. (7 June) [*A. panama*, *A. solange*, *A. delfos*, *A. litoralis*, *A. liege*, *A. bamba*, *A. angelica*, *A. cofus*, *A. donia*; Central and South America]

**Medeiros, Adalberto Dantas de, Andrew David Warren, Diego Rodrigo Dolibaina, Eduardo Carneiro, Olaf Hermann Hendrik Mielka and Mirna Martins Casagrande**

- 2019b. Taxonomic revision of the genus *Tarmia* Lindsey, 1925 stat. rev. (Hesperiidae: Hesperinae: Hesperini: Moncina) with the description of a new species from the Andes. *Zootaxa* 4674(2): 215-224, 20 figs. (24 September) [*T. greeneyi*; Ecuador, Peru, Bolivia]

**Medeiros, Alex Giovanny de Barros**

1992. See Zanuncio, J. C. et al., 1992.

**Medeiros, César Augusto Manfré, and Arlindo Leal Boiça Junior**

2005. Efeito da aplicação de extratos aquosos em couve na alimentação de lagartas de *Ascia monuste orseis*. *Bragantia* 64(4): 633-641, 8 tabs. [host plant; Brazil]

**Medeiros, César Augusto Manfré, Arlindo Leal Boiça Junior and Marina Robles Angelini**

2007. Efeito sub-letal de extratos vegetais aquosos de

- Azadirachta indica* A. Juss. e *Sapindus saponaria* L. sobre aspectos biológicos de *Ascia monuste orseis* (Latreille) (Lepidoptera: Pieridae) em couve. *Boletín de Sanidad vegetal. Plagas* 33(1): 27-34, 3 tabs. [host plant; Brazil]
- Medeiros, Jussara**  
1997. See Lorenzato, D. et al., 1997.
- Medeiros, Ludmilla Rodrigues**  
2012. See Gozzi, M. R. et al., 2012.
- Medeiros, Márcio Raimundo de**  
2018. See Souza, M. dos S. de et al., 2018.
- Medeiros, Petrucio Carlo Rodrigues de**  
2006. See Schlindwein, C. P. & P. C. R. de Medeiros, 2006.
- Medeiros, William**  
2019. See Andrade, A. C. de et al., 2019.
- Medel, Rodrigo**  
2006. See Pérez, F. et al., 2006.
- Medel, Rodrigo, Carezza Botto-Mahan and Mary Therese Kalin Arroyo**  
2003. Pollinator-mediated selection on the nectar guide phenotype in the Andean monkey flower, *Mimulus luteus*. *Ecology* 84(7): 1721-1732, 5 figs., 2 tabs. (July) [*Tatochila mercedis* (Eschscholtz); Chile]
- Medianero, Enrique**  
2004. See Van Bael, S. A. et al., 2004.
- Medina, Anderson Matos**  
2018. See Araujo, L. S. et al., 2018.
- Medina, Arnulfo**  
2003. See Hernández, B. et al., 2003.
- Medina, Cezar**  
2018. See Manno, N. et al., 2018.
- Medina, Claudia Alejandra, Fernando Fernández and Miguel Gonzalo Andrade**  
2010. *Insectos: Escarabajos coprófagos, hormigas y mariposas*, pp. 196-215, 17 + 6 figs., 1 tab. In: Lasso, C. A., J. S. Usma, F. Trujillo & A. Rial (Eds.), *Biodiversidad de la cuenca del Orinoco. Bases científicas para la identificación de áreas prioritarias para la conservación y uso sostenible de la biodiversidad*. Bogotá, Instituto de Investigación de Recursos Biológicos Alexander von Humboldt. (November) [general; Colombia]
- Medina, José Alejandro**  
2014. See Nadeau, N. J. et al., 2014.
- Medina, Juan Pablo**  
2019. See Sánchez-Jasso, J. M. et al., 2019.
- Medina, Mirian Cecilia, Robert Kanner Robbins and Gerardo Lamas**  
1996. *Vertical stratification of flight by ithomiine butterflies (Lepidoptera: Nymphalidae) at Pakitza, Manu National Park, Perú*, pp. 211-216, 3 tabs. In: Wilson, D.E. & A. Sandoval (Eds.), *Manu. The biodiversity of southeastern Peru*. Washington, D.C., Smithsonian Institution ([December]) [general]
- Medina, Silverio**  
1974. See García, J. G. et al., 1974.
- Medina, Silverio, Fred Douglas Bennett, Rosa A. Franqui and Alejandro E. Segarra**  
1994. New records of, and notes on, insects (Insecta) from Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 78(3/4): 181-186 (July-October) [*Dismorphia amphione spio* (Godart); parasitoid]
- Medina, Silverio, and Luis Felipe Martorell**  
1974. The Insects of Caja de Muertos Island, Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 58(2): 244-272 (April) [general]
- Medina-Gutiérrez, Julián, Rodulfo Ospina-Torres and Guiomar Nates-Parra**  
2012. Efectos de la variación altitudinal sobre la polinización en cultivos de gulupa (*Passiflora edulis* f. *edulis*). *Acta biológica colombiana* 17(2): 379-393, 3 figs., 7 tabs. (September) [Hesperiidae; Colombia]
- Medina-Ortiz, G. Ricardo**  
2018. See Delgadillo-Romero, S. A. et al., 2018.
- Medjalani, Gabriel**  
2010. See Couri, M. S. et al., 2010.
- Medley, Jane**  
2010. Laufer, P. 2009. The dangerous world of butterflies: The startling subculture of criminals, collectors, and conservationists. *Florida Entomologist* 93(1): 141-142 (April) [general; book review]
- Medrano, Sardis**  
2003. See Takizawa, H. et al., 2003.  
2011. See Pérez-Gelabert, D. E. et al., 2011.
- Medri, Ísis Meri**  
2008. See Pinheiro, C. E. G. et al., 2008b.
- Meerburg[h], Nicolaas [1734-1814]**  
1775-80. *Afbeeldingen van zeldzaame Gewassen*. Leyden, Johannes Le Mair. [24] pp., 50 pls. [pls. 1-10 (10 November 1775), 11-20 (June 1776), 21-30 (May 1777), 31-40 (December 1777), 41-50 (December 1780)] [new species: *Papilio orestes*, *P. polyxena*, *P. sectator*]  
1789. *Plantae rariores vivis coloribus depictae*. Lugduni Batavorum, Jacobo Meerburg. [27] pp., 55 pls. [general]
- Meerman, Jan C.**  
1996. See Emmons, K. M. & J. C. Meerman, 1996.  
1999. Lepidoptera of Belize. *Tropical Lepidoptera* 10(Suppl. 1): [i], 1-61, 1 fig., 6 tabs., 1 map ("30 November" [2 December]) [general]  
[2003]. *Observations on Passiflora obovata (Passifloraceae) in the Columbia River Forest Reserve*, pp. 52-54, pl. 1, fig. 4, pl. 3, fig. 8. In: Meerman, J. C. & S. Matola (Eds.), *The Columbia River Forest Reserve. Little Quartz Ridge expedition. A biological assessment*. Belize, Belize Zoo, Tropical Education Center. [*Heliconius hecalesia octavia* Bates; host plant; Belize]  
2005. See Shuey, J. A. et al., 2005.  
2015. See Van Swaay, C. et al., 2015.
- Meerman, Jan C., and Tineke Boomsma**  
1993. Checklist of the butterflies of the Shipstern Nature Reserve. *Occasional Papers of the Belize natural History Society* 2(3): 37-46, 1 fig. [general; Belize]  
1997. *Urania fulgens* and other Lepidoptera migrations in Belize, Central America. *News of the Lepidopterists' Society* 39(1): 8-9, 1 fig. (15 March) [general]
- Meerman, Jan C., and Larry D. Munsey**  
[2003]. *Entomology of the Columbia River Forest Reserve*, pp. 55-65, figs., 4 tabs. In: Meerman, J. C. & S. Matola (Eds.), *The Columbia River Forest Reserve. Little Quartz Ridge expedition. A biological assessment*. Belize, Belize Zoo, Tropical Education Center. [general]
- Mega, Nicolás Oliveira**  
2014. The adult body size variation of *Dryas iulia* (Lepidoptera, Nymphalidae, Heliconiinae) in different populations is more influenced by temperature variation than by host-plant availability during the seasons. *Entomological Science* 17(4): 376-387, 2 figs., 4 tabs. (October; published online 16 February) [host plants; Brazil]  
2015. See Caporale, A. et al., 2015.  
2016. See Scalco, V. W. et al., 2016.  
2017. See Caporale, A. et al., 2017.  
2018. See Santos, J. P. dos et al., 2018.  
2019a. See Santos, J. P. dos et al., 2019.  
2019b. See Pedrotti, V. S. et al., 2019.

**Mega, Nicolás Oliveira, and Aldo Mellender de Araújo**

2008. Do caterpillars of *Dryas iulia alcionea* (Lepidoptera: Nymphalidae) show evidence of adaptive behaviour to avoid predation by ants? *Journal of natural History* 42(1/2): 129-137, 2 figs., 2 tabs. (January) [host plant; Brazil]
2010. Analysis of the mating behavior and some possible causes of male copulatory success in *Dryas iulia alcionea* (Lepidoptera, Nymphalidae, Heliconiinae). *Journal of Ethology* 28(1): 123-132, 1 fig., 3 tabs. (January; published online 16 May 2009) [host plant; behavior; Brazil]

**Mega, Nicolás Oliveira, and Luís Fernando Revers**

2011. Developing a rapid, efficient and low cost method for rapid DNA extraction from arthropods. *Ciência rural* (Santa Maria) 41(9): 1563-1570, 2 figs., 2 tabs. (September; published online 26 August) [*Dryas iulia* (Fabricius), *Heliconius erato* (Linnaeus); Brazil]

**Mega, Nicolás Oliveira, Vanessa Willems Scalco, Guilherme Wagner Gutierrez Atencio, Ana Beatriz Barros de Morais and Helena Piccoli Romanowski**

2015. *Battus polydamas* (Lepidoptera: Papilionidae) uses the open-field *Aristolochia sessilifolia* (Piperaceae) as its host plant in Uruguayan savanna areas. *Florida Entomologist* 98(2): 762-769, 1 fig., 4 tabs. (June) [Brazil]

**Megerle, Johann Karl** [1765-1842]

- 1803a. *Catalogus insectorum quae Viennae Austriae die 28. Novembris 1803. auctiois lege distrahantur*. Wien, J. V. Degen. [36] pp. [sales' catalogue; new name: *Papilio druryi*] [suppressed; ICZN, Opinion 1710]
- 1803b. *Appendix ad catalogum insectorum, quae mense Novembris MDCCCII. Viennae Austriae auctiois lege*. Wien, J. V. Degen. [18] pp. [sales' catalogue; general] [suppressed; ICZN, Opinion 1710]
- 1804a. *Catalogus insectorum, quae Viennae Austriae die XX. et sequentibus Septembris MDCCCIV. auctiois lege distrahantur*. Wien, J. V. Degen. [24] pp. [sales' catalogue; general] [suppressed; ICZN, Opinion 1710]
- 1804b. *Appendix ad catalogum insectorum, quae mense Septembris MDCCCIV. Viennae Austriae auctiois lege vendita fuere*. Wien, J. V. Degen. [12] pp. [sales' catalogue; general] [suppressed; ICZN, Opinion 1710]
1805. *Catalogus insectorum, quae Viennae Austriae die Junii MDCCCIV. auctiois lege distrahantur*. Wien, J. V. Degen. [25] pp. [sales' catalogue; general] [suppressed; ICZN, Opinion 1710]

**Meichanetzoglou, Aimilia**

2016. See Arias, M. M. et al., 2016c.
2019. See McClure, M. et al., 2019a.

**Meier, Joana I.**

- 2019a. See Runemark, A. et al., 2019.
- 2019b. See Montejo-Kovacevich, G. et al., 2019.

**Meier-Ramel, Bernard** [1894-1973]

1928. Description de formes nouvelles ou peu connues. *Encyclopédie entomologique* (B) 3(2): 61-66, pls. 6-7 (30 May) [*Dismorphia pintharus-proxima* individual form *obscura*, *Argyrogramma amazonica*, *A. trochilia boyi*, *Helicopsis cupido* individual form *incerta*; Brazil]

**Meijere, Johannes Cornelis Hendrik de** [1866-1947]

1916. Zur Zeichnung des Insekten-, im besondern des Dipteren- und Lepidopterenflügels. *Tijdschrift voor Entomologie* 59(1/2): 55-147 (1 June) [general]

**Meineke, Johann H. Friedrich** [1745-1825]

1776. Versuch einer natürlichen Eintheilung der Schmetterlinge. *Beschäftigungen der berlinischen Gesellschaft naturfor-*

*schender Freunde* 2: 420-445. [general]

**Meinert, Frederik Vilhelm August** [1833-1912]

1892. Traek af insektlivet i Venezuela. *Entomologiske Meddelelser* 3(3): 125-144, (4): 145-166. [*Morpho teucer* (Linnaeus), *M. menelaus* (Linnaeus), *Papilio zacyanthus* Fabricius]

**Meinwald, Jerrold** [1927- ]

1970. See Eisner, T. et al., 1970.
1971. See Eisner, T. et al., 1971.
1987. See Eisner, T. & J. Meinwald, 1987.
1989. See Miyakado, M. et al., 1989.
2004. See Eisner, T. et al., 2004.

**Meinwald, Jerrold, and Yvonne C. Meinwald**

1966. Structure and synthesis of the major components in the hairpencil secretion of a male butterfly, *Lycorea ceres ceres* (Cramer). *Journal of the american chemical Society* 88(6): 1305-1310 (20 March) [behavior; biochemistry; Trinidad]

**Meinwald, Jerrold, Yvonne C. Meinwald and P. H. Mazzocchi.**

1969. Sex pheromone of the queen butterfly: chemistry. *Science* 164(3884): 1174-1175, 1 fig. (6 June) [*Danaus gilippus berenice* (Cramer), *D. g. strigosus* (Bates); biochemistry; Neotropics]

**Meinwald, Jerrold, Yvonne C. Meinwald, James W. Wheeler, Thomas Eisner and Lincoln Pierson Browner**

1966. Major components in the exocrine secretion of a male butterfly (*Lycorea*). *Science* 151(3710): 583-585, 1 fig. (4 February) [*L. ceres ceres* (Cramer); biochemistry; Trinidad]

**Meinwald, Yvonne C.**

- 1966a. See Meinwald, J. et al., 1966.
- 1966b. See Meinwald, J. & Y. C. Meinwald, 1966.
1969. See Meinwald, J. et al., 1969.
1971. See Eisner, T. et al., 1971.

**Meira, Ariana Lisboa, Maria de Lourdes Nascimento and Brígida Souza**

2012. Biologia de *Podisus nigrispinus* Dallas, 1851 (Hemiptera: Pentatomidae) alimentado com estádios imaturos de *Ascia monuste orseis* Godart, 1819 (Lepidoptera: Pieridae). *Magistra* (Cruz das Almas) 24(número especial): 32-38, 1 fig., 2 tabs. (December) [host plant; predator; Brazil]

**Meireles, Andressa Cavalcante, Joel Araújo Queiroz and Zelma Glebya Maciel Quirino**

2015. Mecanismo explosivo de polinização em *Periandra mediterranea* (Vell.) Taub. (Fabaceae) na Reserva Biológica Guaribas, Paraíba, Brasil. *Biotemas* (Florianópolis) 28(4): 71-81, 4 figs., 2 tabs. (December) [*Urbanus simplicius* (Stoll) – misidentified !]

**Meitner, C. J., Lincoln Pierson Brower and Andrew K. Davis**

2004. Migration patterns and environmental effects of stopover of monarch butterflies (Lepidoptera, Nymphalidae) at Peninsula Point, Michigan. *Environmental Entomology* 33(2): 249-256, 5 figs., 2 tabs. (April) [*Danaus plexippus* (Linnaeus); migration; Mexico]

**Mejdoubi, Abdelilah, Christine Andraud, Serge Berthier, Jacques Lafait, Julie Boulenguez and Elodie Richalot**

2013. Finite element modeling of the radiative properties of *Morpho* butterfly wing scales. *Physical Review* (E) 87(2)(022705): 1-7, 8 figs. (13 February) [*M. rhetenor* (Cramer)]

**Mejía, Blanca**

2012. See Chávez, L. F. et al., 2012.

**Mejía, Carlos Arturo** [1943- ]

1995. *Fauna de la Serranía de La Macarena*. Bogotá, Amazonas Editores, Ltda. 176 pp., figs. [general];

- Colombia]
- Mejía, Fernando**  
1972. See Martorell, L. F. et al., 1972.  
1973. See Martorell, L. F. et al., 1973.
- Mejía, Freddy R.**  
2018. See Manno, N. et al., 2018.
- Mejía, Kember**  
[1997]. See Vásquez, J. et al., 1997.  
2008. See Vásquez, J. et al., 2008.  
2012. See Vásquez, J. et al., 2012.
- Mejía, María de Lourdes, Rebeca Salgado, Tania Hernández, Gerardo Arturo Hernández, Yael Gabriela Delgado, Fabián David Ramírez and Saharay Gabriela Cruz-Miranda**  
2013. *Insectos holometábolos (Coleoptera, Lepidoptera, Diptera e Hymenoptera) en el Municipio de Tepeji del Río, Hidalgo*, pp. 1408-1413, 4 figs., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(2). México, Sociedad mexicana de Entomología. [general; Mexico]
- Melander, Axel Leonard** [1878-1962]  
1932. See Brues, C. T. & A. L. Melander, 1932.  
1954. See Brues, C. T. et al., 1954.
- Meldola, Raphael** [1849-1915]  
1882. Mimicry between butterflies of protected genera. *Annals and Magazine of natural History* (5)10(60): 417-425 (1 December) [general]  
1884. Entomological notes from Brazil. *Proceedings of the entomological Society of London* 1883(5): xxiii-xxv, 1 fig. (20 February) [general]
- Meléndez, Alejandro**  
2014. See Figueroa, A. L. et al., 2014.
- Meléndez, Erik Iván**  
2008. See García, P. C. et al., 2008.
- Meléndez-Jaramillo, Edmar, César M. Cantú-Ayala, Andrés E. Estrada-Castillón, José I. Uvalle, Jesús García and Uriel Jeshúa Sánchez-Reyes**  
2017. Mariposas diurnas (Rhopalocera: Papilionidae y Pieridae) en una selva baja espinosa caducifolia de condición primaria y secundaria en Victoria, Tamaulipas, México. *Entomología mexicana* 4: 427-433, 1 fig., 2 tabs. (July) [general]
- Meléndez-Jaramillo, Edmar, César M. Cantú-Ayala, Jesús García, Ana María Patiño and Carolina Sánchez**  
2016. Papilionidae (Lepidoptera: Rhopalocera) de la Sierra de San Carlos, Tamaulipas, México. *Entomología mexicana* 3: 843-849, 4 tabs. (July) [general]
- Meléndez-Jaramillo, Edmar, César M. Cantú-Ayala, Uriel Jeshúa Sánchez-Reyes, Bernal Herrera-Fernández and Andrés E. Estrada-Castillón**  
2018. Valor indicador de los ninfálidos (Papilionoidea: Nymphalidae) en selva baja espinosa caducifolia del Noreste de México. *Entomología mexicana* 5: 253-260, 1 tab. (July) [general]
- Meléndez-Jaramillo, Edmar, Jesús García and César M. Cantú-Ayala**  
2015. Pieridae (Lepidoptera: Rhopalocera) del Cerro Bufo el Diente, Municipio de San Carlos, Tamaulipas, México. *Entomología mexicana* 2: 863-869, 3 tabs. (July) [general]
- Meléndez-Jaramillo, Edmar, Santiago Niño-Maldonado, Uriel Jeshúa Sánchez-Reyes, Miguel Vásquez-Bolaños and Vannia del Carmen Gómez-Moreno**  
2014. *Lepidópteros diurnos (Rhopalocera)*, pp. 99-111, 1 + 6 figs., 1 tab. In: Guerrero, S., J. L. Navarrete-Heredia & S. H. Contreras-Rodríguez, *Biodiversidad del Estero El Salado*. Guadalajara, Universidad de Guadalajara.
- [general; Mexico]
- Meléndez-Ramírez, Virginia**  
2015. See Martínez-Noble, J. I. et al., 2015.
- Melenedres, Irma**  
2015. See Céspedes, A. Á. et al., 2015.
- Melgarejo, Erika Daniela**  
2002. See Brower, L. P. et al., 2002.  
2003. See Bojórquez, L. A. et al., 2003.
- Melián, Luis Omar**  
2010. See Lauranzón, B. et al., 2010.  
2011. See Lauranzón, B. et al., 2011.
- Melin, Douglas Edvard** [1895-1946]  
1929. *I Amazonas urskogar. Skildringar fran en forskningsfard i Brasilien*. Uppsala och Stockholm, Almqvist & Wiksells Boktryckeri A.B. 197 pp., 8 pls., 130 figs., 2 maps. [general]  
1931. *På Andernas ostslutning. Skildringar fran en forskningsfard i Peru*. Uppsala, J. A. Lindblads. 253 pp., 115 figs., 1 map. [general]
- Mella, Jorge E.** [1961- ]  
2002. See Niemeyer, H. M. et al., 2002.
- Mellander, Jonas** [1805-1833]  
1823. *Fauna Americae meridionalis* [Thesis]. Upsaliae, Palmblad et C. 3: [iv] + 12 pp. (16 June) [general]
- Mellini, Egidio, and Massimo Verenini**  
1986. Note di biologia sugli insetti delle aree semiaride dell'Altopiano Boliviano all'inizio della stagione estiva. *Bollettino dell'Istituto di Entomologia "Guido Grandi" della Università degli Studi di Bologna* 40: 185-214, 14 figs. [general; ecology]
- Mello, Ramon Luciano**  
2016. See Tibcherani, M. et al., 2016.
- Melo, Amada Mariana Costa de**  
2013. See Rocha, P. L. B. da et al., 2013.
- Melo, Antonio Barbosa de**  
2003. See Raimundo, R. L. G. et al., 2003.
- Melo, Débora Ferreira de**  
2007a. See Pratisoli, D. et al., 2007a.  
2007b. See Pratisoli, D. et al., 2007b.
- Melo, Douglas Henrique Alves**  
2011. See Paluch, M. et al., 2011.  
2015. See Freitas, A. V. L. et al., 2015a.  
2016. See Filgueiras, B. K. C. et al., 2016.  
2018. See Santos, J. P. dos et al., 2018.  
2019a. See Santos, J. P. dos et al., 2019.  
2019b. See Filgueiras, B. K. C. et al., 2019.
- Melo, Douglas Henrique Alves, Marcelo Duarte, Olaf Hermann Hendrik Mielke, Robert Kanner Robbins and André Victor Lucci Freitas**  
2019a. Butterflies (Lepidoptera: Papilionoidea) of an urban park in northeastern Brazil. *Biota neotropica* 19(1)(e20180614): 1-10, 1 fig., 1 tab. (published online 10 January) [general]
- Melo, Douglas Henrique Alves, Bruno Karol Cordeiro Filgueiras, Cristiano Agra Iserhard, Luciana Iannuzzi, André Victor Lucci Freitas and Inata Roberta Leal**  
2019b. Effect of habitat loss and fragmentation on fruit-feeding butterflies in the Brazilian Atlantic Forest. *Canadian Journal of Zoology* 97(7): 588-596, 5 figs., 3 tabs. (July; published online 18 January) [general]
- Melo, Douglas Henrique Alves, Bruno Karol Cordeiro Filgueiras, Inara Roberta Leal and André Victor Lucci Freitas**  
2014. Recent records of *Morpho menelaus eberti* Fischer (Lepidoptera: Nymphalidae), an endangered butterfly in Northeast Brazil. *Tropical Lepidoptera Research* 24(2): 102-104, 2 figs. (20 December)

- Melo, Elmo Pontes de**  
2010. See Lima Junior, I. dos S. de et al., 2010.
- Melo, Fernando Lucas de**  
2015. See Silva, L. A. da et al., 2015.  
2019. See Ribeiro, B. M. et al., 2019.
- Melo, Maria C.**  
2019. See Merrill, R. M. et al., 2019.
- Melo, María C., Camilo Andrés Salazar, Christopher David Jiggins and Mauricio Linares**  
2010. Assortative mating preferences among hybrids offers a route to hybrid speciation. *Evolution* 63(6): 1660-1665, 1 fig., 1 tab. (June; published online 11 March) [*Heliconius*; Colombia, Venezuela]
- Melo, Virginia, Maritza García, Horacio Sandoval, Héctor Daniel Jiménez and Concepción Calvo**  
2011. Quality proteins from edible indigenous insect food of Latin America and Asia. *Emirates Journal of Food and Agriculture* 23(3): 283-289, 3 figs., 4 tabs. (June) [*Aegiale hesperiaris* (Walker); host plant; Mexico]
- Melville, Richard V.**  
1975. Comment on the proposal to conserve the family-group name Riodinidae (Insecta: Lepidoptera). *Bulletin of zoological Nomenclature* 32(1): 11, 16 (27 March)
- Mema, Lumi**  
2018. See Livshultz, T. et al., 2018.
- Memmott, Jane**  
1999. See Godfray, H. C. J. et al., 1999.
- Menacé, Moisés Arturo, Carlos Belezaca and Marlon Arturo Lara**  
2019. Análisis en condiciones semicontroladas de la biología del gusano defoliador (*Dione juno juno*) de la maracuyá (*Passiflora edulis*) en el litoral del Ecuador. *Universidad y Sociedad* (Cienfuegos) 11(2): 215-219, 4 tabs. (June; published online 2 June) [host plant]
- Mendel, Howard**  
2009. See Scoble, M. J. & H. Mendel, 2009.
- Mendes, Armando de Castro**  
1974. See Guagliumi, P. & A. de C. Mendes, 1974.
- Mendes, Cirilo**  
1979. See Sales, F. J. M. de et al., 1979.
- Mendes, Fernanda da Silva**  
2008. See Barlow, B. J. et al., 2008.
- Mendes, Luiz Octavio Teixeira [1908- ]**  
1938. Relação dos insetos encontrados sobre plantas do Estado de São Paulo nos anos de 1936-1937. *Revista de Agricultura* (Piracicaba) 13(10/12): 482-490 (October-December) [also in *Boletim técnico. Instituto agrônomo do Estado* (Campinas) 53: 1-10; 1939] [*Danaus erippus* (Cramer); host plants; Brazil]  
1960. Sobre a ocorrência de alguns inimigos naturais de insetos. *Anais da Academia brasileira de Ciências* 31(4): 577-585 ("31 December 1959", 1960) [general; parasitoids; Brazil]
- Mendes, Paulo César Doimo**  
2007. See Guirado, N. et al., 2007.
- Méndez, Claudio**  
1996. See Austin, G. T. et al., 1996.  
1999. See Austin, G. T. et al., 1999.  
2006. See Barrios, M. V. et al., 2006.  
2008. *Diversidad faunística de Guatemala*, pp. 231-259, 15 figs., 4 tabs. In: Azurdia, C., F. García & M. M. Ríos (Eds.), *Guatemala y su biodiversidad. Un enfoque histórico, cultural, biológico y económico*. Guatemala, Consejo Nacional de Áreas Protegidas (October) [general]  
2009. See Salinas, J. L. et al., 2009.  
2012. See Salinas, J. L. et al., 2012.
- Méndez, Eustorgio [1927- ], and Byron N. Chaniotis**  
1984. Consideraciones sobre la problemática de los lepidópteros urticantes y venenosos en Panamá. *Revista médica de Panamá* 9: 230-235, 4 figs. [Morphinae, Nymphalidae]
- Méndez, Griselda, Sergio Gerardo Stanford-Camargo, Marcela Patricia Ibarra-González and Jorge Ricardo Padilla-Ramírez**  
2007. Historia natural de *Dione juno huascuma* Reakirt, 1866 (Lepidoptera: Nymphalidae: Heliconiinae). *Entomologia mexicana* 6(1): 379-384, 16 figs. [egg, larva, pupa, imago; host plant; Mexico]
- Méndez, José Tulio**  
1995. See Cibrián, D. et al., 1995.
- Méndez-Gallegos, Santiago de Jesús**  
2008. See Esparza-Frausto, G. et al., 2008.  
2010. See García-Herrera, E. J. et al., 2010.
- Méndez-Pérez, Brenda Yesenia**  
2015. See Ruiz-García, N. et al., 2015.
- Mendieta, Milena Paola**  
2013. See Páez, E. S. et al., 2013.
- Mendonça, Maria Cleide de**  
2010. See Couri, M. S. et al., 2010.
- Mendonça, Michelle Oliveira Campagnini**  
2012. See Silva, A. R. M. et al., 2012.
- Mendonça, Milton de Souza, Jr.**  
2010. See Iserhard, C. A. et al., 2010a.  
2014. See Marchiori, M. O. de O. et al., 2014.  
2017. See Iserhard, C.A. et al., 2017.  
2019. See Spaniol, R. L. et al., 2019.
- Mendonça, Nelson Teixeira de**  
1990. See Bergmann, E. C. et al., 1990.
- Mendonça, Tehra Gomes**  
2006. See Almeida, A. M. de et al., 2006.
- Mendonça Filho, Artur Ferreira**  
1972. Insetos observados nos canaviais do Estado de Alagoas-Brasil, durante o ano de 1971. *Anais da Sociedade entomológica do Brasil* 1(1): 25-41. [*Panoquina* sp.]
- Mendoza, Fernando**  
2011. See Aguayo, D. D. et al., 2011.
- Mendoza, Luis, and Rogelio Macias**  
2005. Foraging polymorphism in *Heliconius charitonia* [sic] (Lepidoptera: Nymphalidae): morphological constraints and behavioural compensation. *Journal of tropical Ecology* 21(4): 407-415, 2 tabs. (July) [behavior; Mexico]  
2010. Female asynchrony may drive disruptive sexual selection on male mating phenotypes in a *Heliconius* butterfly. *Behavioral Ecology* 21(1): 144-152, 3 figs., 4 tabs. (February; published online 26 November 2009) [*H. charithonia*; Mexico]
- Mendoza, Marco**  
2010. See Whaley, O. et al., 2010.
- Mendoza, Marilyn, Iliana Pacheco, Mariza Araceli Sarmiento and Martín Leonel Zurita**  
2006. Entomofilia en México: Un tributo a la amistad de los insectos. *Boletín de la Sociedad entomológica aragonesa* 38: 443-449, 18 figs., 1 tab. (30 April) [general]
- Mendoza, Norma P.**  
1986. See Calvert, W. H. et al., 1986.
- Menéndez, Leda, José Manuel Guzman and Rayner Núñez**  
2006. *Aspectos de la relación planta-animal en los manglares*, pp. 178-182, 2 tabs. In: Menéndez, L. & J. M. Guzmán (Eds.), *Ecosistema de manglar en el Archipiélago Cubano. Estudios y experiencias enfocados a su gestión*. La Habana, Editorial Academia. [*Phocides pigmalion*

*batabano* (Lucas); host plant]

**Meneses, Alba**

2000. See Abimelec, N. & A. Meneses, 2000.

**Meneses, Luis Hernando**

[2018]. See Henao, E. R. & L. H. Meneses, [2018].

**Meneses, Néstor**

2011. See Calvache, H. H. et al., 2011.

**Ménétriés, Edouard** [1802-1861]

1829. Observations sur quelques lépidoptères du Brésil. *Nouveaux Mémoires de la Société impériale des Naturalistes de Moscou* 1: 181-196, pls. 5-7. [general; ecology; behavior; host plants; larvae, pupae, imagines; new species: *Castnia langsdorffii*, *Hesperia bifasciata*]

1832. Catalogue de quelques lépidoptères des Antilles avec la description de plusieurs espèces nouvelles. *Bulletin de la Société impériale des Naturalistes de Moscou* 5: 291-316 (after 7 October) [general; *Papilio augias*, *Colias midea*, *C. euterpe*, *C. hyona*, *Argynnis jaegeri*, *A. teleboas*, *Nymphalis zetes*, *N. torrebia*, *Satyrus archebates*]

1834. Notice sur quelques lépidoptères des Antilles avec la description de plusieurs espèces nouvelles. *Nouveaux Mémoires de la Société impériale des Naturalistes de Moscou* 3: 113-133, pls. 10-11. [general]

1855-57. *Enumeratio corporum animalium Musei Imperialis Academiae Scientiarum Petropolitanae. Classis insectorum. Ordo lepidopterorum*. Petropoli, Eggers et Soc.; Lipsiae, Leop. Voss. 1: xv + 1-66 + 67-97 + [2] pp., pls. 1-6 (December 1855); 2: vi + 67-112 + [2] + 99-144 + [2] pp., pls. 7-14 (September 1857) [general; new species: *Terias jaegeri*, *T. hecabeoides*, *T. aesioppe*, *Heliconia demophoon*, *Melitaea theona*, *Apatura callianira*, *Siderone ellops*, *Lyropteryx cephise*, *Symmachia castalia*, *Emesis fastidiosa*, *Nymphidium erymanthus*, *Charis sylvestra*, *Mesosemia coelestina*, *Limnas melantho*, *L. erythrus*, *Pyrrhopyga scylla*, *P. socrates*, *P. variicolor*, *Goniuris evenus*, *G. decussata*, *Heterochroa ephesa*, *Papilio cinyras*, *Heliconia besckei*, *H. vicina*, *Eueides anaxa*, *E. hubneri*, *E. pavana*, *Catagramma thamyras*, *Heterochroa arete*, *Cystineura amygone*; Haiti, Nicaragua, Brazil, Mexico]

1858. Antikritik. *Stettiner entomologische Zeitung* 19(4/6): 137-148 (April-June) [general; Neotropics]

**Menezes, C.**

1975. See Veiga, A. F. de S. L. et al., 1975.

**Menezes, Claubert Wagner Guimarães de**

2016. See Tavares, W. de S. et al., 2016.

**Menezes, Euripedes Barsanulfo**

2002. See Aguiar-Menezes, E. de L. et al., 2002.

2010. See Resende, A. L. S. et al., [2010].

**Menezes Júnior, Ayres de Oliveira**

2002. See Antunes, F. F. et al., 2002.

2014. See Cunha, F. et al., 2014.

**Meng, Ziye, Chaoliang Lei, Xiaoqin Chen and Shihong Jiang**

2016. Complete mitochondrial genome sequence of *Heliconius melpomene rosina* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA (A)* 27(6): 3911-3912, 1 tab. (November; published online 8 December 2014)

**Menge, Duncan N. L.**

2006. See Koh, L. P. & D. N. L. Menge, 2006.

**Mengel, Levi Walter Scott** [1868-1941]

1894. Description of a new species of *Myscelia* from western Mexico. *Entomological News* 5(3): 96 ([28 February]) [*M. skinneri*]

1899. Four new species of butterflies from South America. *Entomological News* 10(6): 166-168, pl. 5 (June) [*Epiphile zipa*, *Archonias xeque*, *Mesosemia yaporogosa*, *Siseme nigrescens*; Colombia]

1902. Four new species of butterflies from South America. *Entomological News* 13(6): 176-178, pl. 8 ([4] June) [*Anatole modesta*, *Apodemia ochracea*, *Baeotis bifasciata*, *Necyria gerhardi*; Paraguay, Peru]

1905. *A catalogue of the Erycinidae. A family of butterflies. With the synonymy brought down to July 1, 1904*. Reading. 161 pp. (May) [general; Neotropics]

1913a. A new erycinid from South America (Lepid.). *Entomological News* 24(3): 112, 1 fig. (28 February) [*Hermathena quinquemaculata*; Colombia]

1913b. A new erycinid from South America (Lepid.). *Entomological News* 24(7): 316-317, 3 figs. (30 June) [*Chamaelimnas propinquus*; Colombia]

1916. New Lepidoptera from South America. *Entomological News* 27(9): 423-424 ("November", [31 October]) [*Catagramma horstii*, *Perisama inconspicua*; Bolivia, Colombia]

1919. A new *Perisama* from South America (Lepid., Rhop.). *Entomological News* 30(7): 181-182, pl. 8 (30 June) [*P. sinerubra*; Bolivia]

**Mengual, Diego Luis**

2011. See Rodríguez, V. A. et al., 2011.

**Mengüç, Mustafa Pinar**

2018. See Didari, A. & M. P. Mengüç, 2018.

**Menjívar, Rafael Antonio**

2014. See Sermeño, J. M. et al., 2014b.

**Menna-Barreto, Ymara, and Aldo Mellender de Araújo**

1985. Evidence for host plant preferences in *Heliconius erato phyllis* from southern Brazil (Nymphalidae). *Journal of Research on the Lepidoptera* 24(1): 41-46, 1 fig., 3 tabs. (15 September)

**Menon, K. P. V., and K. M. Pandalai**

1958. *The Coconut Palm. A Monograph*. Ernakulam, India, Indian Central Coconut Committee. xvi + 384 pp., 150 figs., 57 tabs. [*Brassolis sophorae* (Linnaeus)]

**Menzel, Peter**

1983. Butterfly armies are now under guard in annual bivouac. *Smithsonian* 14(8): 174-181. [*Danaus plexippus* (Linnaeus); migration; conservation; Mexico]

**Menzel, Peter, and Faith D'Aluisio**

1998. *Man eating bugs. The art and science of eating insects*. Berkeley, Ten Speed Press. 192 pp., figs. [general]

**Menzel, R.**

1975. *Colour receptors in insects*, pp. 121-153, 17 figs. In: Horridge, G. A. (Ed.), *The compound eye and vision of insects*. Oxford, Clarendon Press. [*Heliconius*]

**Merbel, Valerie**

1982. Host plant finding and oviposition behavior of *Ithomia heraldica* Bates (Lepidoptera: Ithomiidae) at Monteverde. *Brenesia* (San José) 19/20: 369-372, 1 tab. (November) [Costa Rica]

**Mercader, Rodrigo**

2009. See Scriber, J. M. et al., 2009.

**Mercado, Elba**

1956. Insectos de Bolivia en la colección de la Estación Experimental Agrícola de Cochabamba. *Publicación especial. Servicio agrícola interamericano* (La Paz) 21: 1-13. [general]

**Mercado-Flores, Yuridia**

2017. See García-Mendoza, A. J. et al., 2017.

**Mercado-Gómez, Jorge David**

2018. See Mercado-Gómez, Y. L. et al., 2018.

**Mercado-Gómez, Yarlénis Liset, Jorge David Mercado-Gómez and Carlos Eduardo Giraldo**

2018. Mariposas en un fragmento de bosque seco tropical en Montes de María (Colombia). *Ciencia en Desarrollo* 9(2):

- 35-45, 6 figs., 1 tab. (December) [general]
- Merchán, Héctor Alejandro, Christopher David Jiggins and Mauricio Linares**
2005. A narrow *Heliconius cydno* (Nymphalidae; Heliconiini) hybrid zone with differences in morph sex ratios. *Biotropica* 37(1): 119-128, 3 figs., 3 tabs. (March) [Colombia]
- Merckx, Thomas, Blanca Cecilia Huertas, Yves Basset and Jeremy Ambler Thomas**
2013. A global perspective on conserving butterflies and moths and their habitats, pp. 237-257, 1 fig. In: Macdonald, D. W. & K. J. Willis (Eds.), *Key topics in Conservation Biology 2*. Chichester, John Wiley & Sons (25 February) [general]
- Merian, Maria Sibylla [1647-1717]**
1705. *Metamorphosis insectorum surinamensium. In qua eruceae ac vermes surinamenses, cum omnibus suis transformationibus, ad vivum delineantur et describuntur, singulis eorum in plantas, flores et fructus collocatis, in quibus reperta sunt; tunc etiam generatio ranarum, bufonum rariorum, lacertarum, serpentum, araneorum et formicarum exhibetur; omnia in America ad vivum naturali magnitudine picta atque descripta*. Amstelodami, Gerard Valk. [iv] + 60 pp., 60 pls. [a simultaneous printing in Dutch, 1705; Ed. 2, in Latin and Dutch, Amstelodami, Johann Oosterwynek. [viii] + 72 pp., 72 pls., frontisp., 1719; Ed. 3 in Latin and French, Den Haag, Petrus Gosse. [xii] + 72 pp., 72 pls., 1726; Ed. 4 in Dutch, Amsterdam, Jean Frederic Bernard. [viii] + 51 pp., 72 pls., 1730; Ed. 5, see Buchoz, P. J., 1771] [1991 facs. reprint, edited by Helmut Deckert. Frankfurt, Insel Verlag. 164 pp., 60 pls.] [general; host plants; larvae, pupae, imagines]
1976. *Schmetterlinge, Käfer und andere Insekten. (Butterflies, Beetles and other insects). Leningrad Book of Notes and Studies*. [Edited by Wolf-Dietrich Beer.] Leipzig, Acta Humaniora. VCH-Verlagsgesellschaft, Weinheim (1985 Ed.). 1: 120 pls.; 2: 470 pp. [general; larvae, imago; Surinam]
1980. *Metamorphosis insectorum surinamensium*. London, Pion Limited. [facsimile of the 1705 ed.] [general]
1982. *Metamorphosis insectorum surinamensium of de Verandering der Surinaamse Insecten*. Zutphen, De Walburg Pers. [144] pp., 60 pls. [reprint of the 1705 ed.; introduction by C. Schriks & P. A. van der Laan] [general]
2010. *Insects of Surinam – Die Insekten Surinams – Les Insectes de Surinam. Metamorphosis Insectorum Surinamensium 1705*. Köln, Taschen. 192 pp., figs. [general]
- Merino, Gualberto, and Víctor Vásquez**
1962. Identificación de algunas de las nuevas especies de insectos coleccionadas en Ecuador en el lapso: mayo 1957 - julio 1962. *Boletín técnico. Servicio cooperativo interamericano de Agricultura* (Quito) 7: 1-35 (December) [*Leptophobia aripa* (Boisduval); host plant]
- Merino, Leticia**
- 1999a. *Sustainability and development. Introduction*, pp. 231-232. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- 1999b. *Reserva Especial de la Biosfera Mariposa Monarca: problemática general de la región*, pp. 239-248. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Mérit, Xavier C.**
1990. Notes brèves sur quelques Nymphalides d'Iguaçu (Brésil) (Lepidoptera, Nymphalidae). *Alexandria* 16(6): 351-352 (31 October) [general]
2019. See Diringer, L. et al., 2019.
- Mérit, Xavier C., Jean-Marc Gayman, Véronique Mérit and Luc Manil**
2009. *Papilio demoleus* [Linnaeus, 1758] – Une expansion mondiale (Lepidoptera: Papilionidae). *Lépidoptères* (Paris) 18(42): 44-47, 1 map. (May) [Antilles]
- Mérit, Véronique**
2009. See Mérit, X. C. et al., 2009.
- Merkord, Christopher L.**
2011. See Laurance, W. F. et al., 2011.
- Merlin, Christine**
2011. See Zhan, S. et al., 2011.
2012. See Guerra, P. A. et al., 2012.
- Merlin, Christine, Robert J. Gegear and Steven Marion Reppert**
2009. Antennal circadian clocks coordinate sun compass orientation in migratory monarch butterflies. *Science* 325(5948): 1700-1704, 4 figs. (25 September) [*Danaus plexippus* (Linnaeus); behavior; Mexico]
- Merlin, Christine, Stanley Heinze and Steven Marion Reppert**
2012. Unraveling navigational strategies in migratory insects. *Current Opinion in Neurobiology* 22(2): 353-361, 3 figs. (April; published online 9 December 2011) [*Danaus plexippus* (Linnaeus); Mexico]
- Merlin, Christine, and Miriam Liedvogel**
2019. The genetics and epigenetics of animal migration and orientation: birds, butterflies and beyond. *Journal of experimental Biology* 222(Suppl. 1)(191890): 1-12, 4 figs. (published online 6 February) [*Danaus plexippus* (Linnaeus)]
- Merlo, Dalia**
2010. See Milder, J. C. et al., 2010.
- Mérot, Claire**
2012. See Pardo-Díaz, C. et al., 2012.
2013. See Jones, R. T. et al., 2013.
2019. See Rosser, N. et al., 2019a.
- Mérot, Claire, Brigitte Frérot, Ene Leppik and Mathieu Joron**
2015. Beyond magic traits: Multimodal mating cues in *Heliconius* butterflies. *Evolution* 69(11): 2891-2904, 5 figs., 1 tab. (November; published online 29 October) [*H. timareta thexinoe* Lamas & Mérot, *H. melpomene amaryllis* C. Felder & R. Felder; Peru]
- Mérot, Claire, Yann Le Poul, Marc Théry and Mathieu Joron**
2016. Refining mimicry: phenotypic variation tracks the local optimum. *Journal of Animal Ecology* 85(4): 1056-1069, 5 figs., 1 tab. (July; published online 9 May) [*Heliconius*; Peru]
- Mérot, Claire, Jesús Mavárez, Allowen Evin, Kanchoon Kumar Dasmahapatra, James Louis Borlase Mallet, Gerardo Lamas and Mathieu Joron**
2013. Genetic differentiation without mimicry shift in a pair of hybridizing *Heliconius* species (Lepidoptera: Nymphalidae). *Biological Journal of the Linnean Society* 109(4): 830-847, 5 figs. (August; published online 3 May) [new subspecies: *Heliconius timareta thexinoe*; Colombia, Ecuador, Peru]
- Mérot, Claire, Camilo Andrés Salazar, Richard M. Merrill, Christopher David Jiggins and Mathieu Joron**
2017. What shapes the continuum of reproductive isolation? Lessons from *Heliconius* butterflies. *Proceedings of the Royal Society of London (B)* 284(1856)(20170335): 1-10, 3



- figs., 1 tab. (14 June; published online 7 June) [general]
- Merrill, Richard M.**  
 2016a. See Nadeau, N. J. et al., 2016.  
 2016b. See Davey, J. W. et al., 2016.  
 2016c. See Montgomery, S. H. et al., 2016.  
 2017a. See Davey, J. W. et al., 2017.  
 2017b. See Mérot, C. et al., 2017.  
 2017c. See Montgomery, S. H. & R. M. Merrill, 2017.  
 2017d. See Darragh, K. et al., 2017.  
 2017e. See Cuthill, I. C. et al., 2017.  
 2019. See Darragh, K. et al., 2019.
- Merrill, Richard M., Kanchon Kumar Dasmahapatra, John W. Davey, Denise Dalbosco Dell'Aglio, Joseph J. Hanly, Barbara Huber, Christopher David Jiggins, Mathieu Joron, Krzysztof M. Kozak, Violaine Llaurens, Simon H. Martin, Stephen H. Montgomery, Jake Morris, Nicola J. Nadeau, Ana L. Pinharanda, Neil Rosser, Martin J. Thompson, Sohini Vanjari, Richard W. R. Wallbank and Quan-You Yu**  
 2015. The diversification of *Heliconius* butterflies: what have we learned in 150 years? *Journal of Evolutionary Biology* 28(8): 1417-1438, 6 figs. (August; published online 14 July) [general]
- Merrill, Richard M., Audrey Chia and Nicola J. Nadeau**  
 2014. Divergent warning patterns contribute to assortative mating between incipient *Heliconius* species. *Ecology and Evolution* 4(7): 911-917, 2 figs., 1 tab. (April; published online 23 February) [*Heliconius himera* Hewitson, *H. erato cyrbia* (Godart)]; Ecuador]
- Merrill, Richard M., Zachariah Gompert, Lauren M. Dembeck, Marcus R. Kronforst, William Owen McMillan and Christopher David Jiggins**  
 2011b. Mate preference across the speciation continuum in a clade of mimetic butterflies. *Evolution* 65(5): 1489-1500, 2 figs., 2 tabs. (May; published online 20 January) [*Heliconius*; Central and South America]
- Merrill, Richard M., Russell Edward Naisbit, James Louis Borlase Mallet and Christopher David Jiggins**  
 2013. Ecological and genetic factors influencing the transition between host-use strategies in sympatric *Heliconius* butterflies. *Journal of Evolutionary Biology* 26(9): 1959-1967, 2 figs., 2 tabs. (September; published online 14 August) [*H. cydno* (Doubleday), *H. melpomene* (Linnaeus); host plants; Panama]
- Merrill, Richard M., Pasi M. Rastas, Simon H. Martin, Maria C. Melo, Sarah L. Barker, John W. Davey, William Owen McMillan and Christopher David Jiggins**  
 2019. Genetic dissection of assortative mating behavior. *PLoS Biology* 17(2)(e2005902): 1-21, 5 figs., 1 tab. (7 February) [*H. cydno* (Doubleday), *H. melpomene* (Linnaeus); host plants; Panama]
- Merrill, Richard M., Bas Van Schooten, Janet A. Scott and Christopher David Jiggins**  
 2011a. Pervasive genetic associations between traits causing reproductive isolation in *Heliconius* butterflies. *Proceedings of the Royal Society of London (B)* 278(1705): 511-518, 4 figs. (22 February; published online 1 September 2010) [evolution; Panama]
- Merrill, Richard M., Richard W. R. Wallbank, Vanessa Bull, Patricio Alejandro Salazar, James Louis Borlase Mallet, Martin Stevens and Christopher David Jiggins**  
 2012. Disruptive ecological selection on a mating cue. *Proceedings of the Royal Society of London (B)* 279(1749): 4907-4913, 1 fig., 2 tabs. (22 December; published online 17 October) [*Heliconius melpomene* (Linnaeus), *H. cydno* Doubleday, *H. erato* (Linnaeus), *H. sapho* (Drury), *Anartia fatima* (Fabricius); predation; Panama]
- Merritt, Ernest George** [1865-1948]  
 1925. A spectrophotometric study of certain cases of structural color. *Journal of the Optical Society of America. Review of Scientific Instruments* 11(2): 93-98, 4 figs. (August) [*Morpho menelaus* (Linnaeus)]
- Mertens, Esther**  
 2013. See Huis, A. van et al., 2013.
- Merwin, W. S.**  
 1996. The winter palace. *Orion Nature Quarterly* 15(1): 44-53, figs. [*Danaus plexippus* (Linnaeus); ecology; behavior; Mexico]
- Méry, Benoît**  
 1994. Biologie d'*Eurytides harmodius xeniades* (Lepidoptera, Papilionidae). *Insectes* 94(3): 17-18, 3 figs., 1 tab. [egg, larva, pupa; host plant; behavior; Ecuador]
- Mesa, Francisco**  
 1941. See Bertelli, J. C. & F. Mesa, 1941.
- Meslin, Camille**  
 2018. See Nallu, S. et al., 2018.  
 2019. See Hill, J. A. et al., 2019.
- Mesonés, Ítalo**  
 2016a. See Lamarre, G. P. A. et al., 2016a.  
 2016b. See Lamarre, G. P. A. et al., 2016b.
- Mesquita, Antonio Lindemberg Martins**  
 1978a. See Bastos, J. A. M. et al., 1978a.  
 1978b. See Bastos, J. A. M. et al., 1978b.  
 1979. See Lopes, L. de O. et al., 1979.  
 1985. Principais insetos que atacam a bananeira no Brasil. *Revista Brasileira de Fruticultura* 7: 31-38 [*Caligo brasiliensis* (C. Felder), *Opsiphanes invirae* (Hübner); parasitoids]  
 1998a. See Fancelli, M. & A. L. M. Mesquita, 1998a.  
 1998b. See Fancelli, M. & A. L. M. Mesquita, 1998b.
- Mesquita, Antonio Lindemberg Martins, and Elio José Alves**  
 1984. Lepidópteros desfolhadores de banana e seus inimigos naturais. *Comunicado técnico EMBRAPA* 3: 1-3 (May) [*Caligo brasiliensis* (C. Felder), *Opsiphanes invirae* (Hübner); life histories; parasitoids; Brazil]
- Mestre, Luiz Augusto Macedo**  
 2007. See Barlow, B. J. et al., 2007a.  
 2008. See Gardner, T. A. et al., 2008.
- Mestre, Nereida**  
 2004. See Hidalgo, M. M. et al., 2004.
- Mestre, Nereida, Nereida Novoa, Adriana Lozada, Rayner Núñez, Horacio Grillo, Dely Rodríguez, Rosanna Rodríguez, Marta Milagros Hidalgo, Ileana Fernández, Edilberto Pozo and Pedro Herrera**  
 2009. Insectos de interés agrícola presentes en Topes de Collantes, Sancti Spiritus, Cuba. *Centro agrícola* 36(1): 53-65, 2 tabs. (March) [general; host plants]
- Meszáros, Zoltán, and Imre János Gál**  
 1982. *Trópusi pillangók*. Budapest, Móra Ferenc Könyvkiadó. 64 pp., 29 pls. [In Hungarian] [general; Neotropics]
- Metscher, Brian Douglas**  
 2013. See Bauder, J. A.-S. et al., 2013.
- Metzler, Eric H.**  
 2006. Lepidoptera of Florida Part 1 Introduction and Catalog, by John B. Heppner. 2003. *Journal of the Lepidopterists' Society* 60(2): 115-116 (31 July) [general; book review]
- Meuschen, Friedrich Christian** [1719-1811]  
 1778. *Mvsev[m] Gronovianvm sive Index rervm natvralivm tam mammalivm amphibiorvm piscivm insectorvm conchyliorvm zoophytorvm plantarvm et mineralivm exqv[is]itissimorvm qvam arte factarvm nonnvllarvm. Inter qvae eminent herbarivs siccv[s] plantarvm a Tovrnefortio*

- Claitonio Linnaeo aliisque botanicis collectarvm. Qvae omnia mvltta cvra et magnis svmptribvs sibi comparavit vir amplissimvs & celeberrimvs Lavr. Theod. Gronovivs. Lugduni Batavorum, Theodor Haak & Socios. vi + 231 pp. (7 October) [general]*
1781. *Index continens nomina generica specierum propria ut et synonyma. Lugduni Batavorum. [19] pp. [In: Gronov, L. T., 1763-1781] [see ICZN, 1954d] [general]*
1787. *Mvsevum Geversianvm sive Index rervm natvralivm continens instrvctissimam copiam pretiosissimorvm omnivm generis ex tribvvs regnis natvrae objectorvm qvam dvm in vivis erat magna diligentia mvltaqve cvra comparavit vir amplissimvs Abrahamvs Gevers. Rotterodami, P. & J. Holsteyn. [4] + iv + 660 pp. (12 September) [general]*
- Meusemann, Karen**  
2019. See Kawahara, A. Y. et al., 2019.
- Mexzón, Ramón Gilberto**  
1997. Pautas de manejo de las malezas para incrementar las poblaciones de insectos benéficos en el cultivo de palma aceitera (*Elaeis guineensis* Jacquin). *Agronomía mesoamericana* 8(2): 21-32, 3 tabs. [general; host plants; predators, parasitoids; Costa Rica]  
2000. See Loría, R. et al., 2000.  
2011. *Brassolis isthmia* (Lepidoptera: Nymphalidae), en peñibaye y en cocotero en Costa Rica. *Agronomía mesoamericana* 22(1): 149-155, 4 tabs. (after 6 June) [life history; host plants]
- Mexzón, Ramón Gilberto, and Carlos Manuel Chinchilla**  
1991. Entomofauna perjudicial, enemigos naturales y malezas útiles en palma aceitera (*Elaeis guineensis*) J. en América Central. *Manejo integrado de Plagas* 20/21: 1-7, 3 tabs. (September) [*Opsiphanes cassina* C. Felder & R. Felder, *Brassolis* sp., *Caligo* sp., *Saliana* sp.; host plant; predators, parasitoids; Costa Rica, Honduras, Panama]  
1996. Natural enemies of harmful arthropods in oil palm (*Elaeis guineensis* Jacq.) in Tropical America. Enemigos naturales de los artrópodos perjudiciales a la palma aceitera (*Elaeis guineensis* Jacq.) en América Tropical. *ASD Oil Palm Papers* 13: 9-33, 9 figs., 6 tabs. [*Brassolis sophorae* (Linnaeus), *Opsiphanes cassina* C. Felder & R. Felder; host plant; parasitoids, predators, pathogens]
- Mey, Wolfram**  
2016. Der Schmetterlingskoffer aus Kolumbien von Arnold Schultze-Rhonhof – Strandgut der Wissenschaft am Museum für Naturkunde in Berlin (1). *Entomologische Zeitschrift* 126(4): 193-199, 9 figs. (15 December) [general; history]
- Meyer, Axel**  
2006. Repeating patterns of mimicry. *PLoS Biology* 4(10)(e341): 1675-1677, 1 fig. (17 October) [*Heliconius*]
- Meyer, Teodoro [1910-1972], and Wolfgang Karl Weyrauch**  
1966. Guía para dos excursiones biológicas en la Provincia de Tucumán. *Miscelánea. Instituto Miguel Lillo* 23: 1-128, 89 figs. [Papilionidae, Pieridae, Nymphalidae, Hesperidae; Argentina]
- Meyers, Linda**  
1984. See Stimson, J. & L. Meyers, 1984.
- Meyers, Susan**  
2015. See Young-Isebrand, E. et al., 2015.
- Meyrick, Edward [1854-1938]**  
1922. See Aurivilius, P. O. C. et al., 1922.
- Meza, Leonardo**  
1999. *Educación ambiental: herramienta para la conservación*, pp. 371-373. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), 1997 *North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); Mexico]
- Mian, D.**  
1999. See Saur, E. et al., 1999.
- Miaoulis, Ioannis N., and Bradley D. Heilman**  
1998. Butterfly thin films serve as solar collectors. *Annals of the entomological Society of America* 91(1): 122-127, 6 figs. (January) [*Morpho*; morphology]
- Michael, Otto [1859-1934]**  
1895. Ueber den Fang und die Lebensweise der wichtigsten Tagfalter der Amazonasebene. *Deutsche entomologische Zeitschrift "Iris"* 7(2): 193-237 (5 January) [general; ecology]  
1911a. Lebensweise und Gewohnheiten der *Morpho* des Amazonasgebietes. *Fauna exotica* 1(3): 10-12 (9 September), (4): 13-16 (23 September), (5): 17 (17 October) [general]  
1911b. Beobachtungen über Vorkommen und Lebensweise der *Agrias*arten des Amazonasgebietes. *Fauna exotica* 1(5): 17-20 (7 October), (6):21-23 (21 October) [general]  
1912. Über die Lebensweise der Heliconiden. *Fauna exotica* 2(2): 8 (27 April), (3): 10-12 (11 May), (4): 13-16 (25 May), (5): 17-19 (8 June), (6): 21-22 (22 June) [general; new aberration, *Heliconius amaryllis* aberration *pseudopenelamanda*]  
1914. Die Papilios des Amazonasgebiets. *Entomologische Zeitschrift* 27(52): 304-305 (28 March); 28(4): 21-22 (25 April), (6): 31-33 (9 May), (8): 43-45 (23 May), (10): 52-54 (6 June), (12): 65-68 (20 June), (14): 79-80 (4 July) [general]  
1923. *Der Schmetterlingsjäger vom Amazonenstrom. 33 Jahre abenteuerlicher Erlebnisse in den Urwaldern Südamerikas*. Dresden, Verlag Deutsche Buchwerkstätten. 184 pp., 13 pls., 3 maps. [general; Peru, Brazil]  
1925a. Studien über die Familie der *Agrias*. *Entomologische Zeitschrift* 39(14): 53-55 (11 July), (15): 59-60 (18 July), (16): 63 (25 July), (17): 67-68 (8 August), (18): 71-72 (15 August), (19): 75-76 (22 August), (20): 81-82 (29 August), (21): 85-87 (5 September), (22): 90-91 (12 September), (23): 95 (19 September), (24): 100 (26 September), (25): 102-103 (3 October) [general; South America]  
1925b. Nachtrag zu meinem Artikel "Studien über die Familie der *Agrias*". *Entomologische Zeitschrift* 39(27): 111-112 (24 October) [general; Brazil, Colombia, Peru]  
1926a. Ueber einige Uebergangsformen von *Agrias phalcidon* zu *hewitsonius*. *Entomologische Zeitschrift* 39(40): 161-162 (30 January), (41): 165-166 (6 February) [Peru, Brazil]  
1926b. Betrachtungen über die Nymphaliden der Amazonasebene und der angrenzenden Teile der andinen Region. *Entomologische Zeitschrift* 39(46): 185-188 (13 March) [Heliconiinae, Acraeinae; new aberration: *Heliconius sergestus* aberration *ninacura*; Colombia, Peru, Brazil, Bolivia]  
1926c. Erinnerungen aus Süd-Amerika. Dr. Hahnels letzte Reise nach dem Amazonas! *Insekten-Börse* 43(6)[supplement]: 1-24 (15 March) [general; Peru, Brazil]  
1926d. Betrachtungen über die Nymphaliden der Amazonasebene und der angrenzenden Teile der andinen Region. *Entomologische Zeitschrift* 39(47): 189-194 (20 March) [Heliconiinae, Acraeinae; new form: *Heliconius aurotome* [sic] form *clarus*; Colombia, Peru, Brazil, Bolivia]  
1926e. Erinnerungen aus Süd-Amerika. Dr. Paul Hahnels letzte Reise nach dem Amazonas! *Insekten-Börse* 43(18) [supplement]: 25-48 (8 August) [general; Peru, Brazil]  
1926f. Ueber einige neue *Agrias*formen vom Amazonasgebiet. *Entomologische Zeitschrift* 40(18): 420-422 (24 December) [general; *A. claudia biedermanni* aberration

- reevesi*, *A. hewitsonius stuarti* female aberration *bicolora*, *A. h. staudingeri* aberration *ornata*; Brazil, Peru]
- 1927a. Erinnerungen aus Süd-Amerika. Dr. Paul Hahnels letzte Reise nach dem Amazonas! *Insekten-Börse* 44(6) [supplement]: 49-64 (8 February) [general; Peru, Brazil]
- 1927b. Erinnerungen aus Südamerika! Dr. Paul Hahnels letzte Reise nach dem Amazonas! *Entomologische Zeitschrift* 41(5): 117-128 (8 June) [general; Peru, Brazil]
- 1927c. Zwei neue *Agrias*formen. *Entomologische Zeitschrift* 41(6): 147-148 (24 June) [*A. hewitsonius staudingeri* form *favorinus*, *A. h. beata* form *elegans*; Peru]
- 1927d. Neue oder wenig bekannte *Agrias*formen vom Amazonasgebiet. *Entomologische Zeitschrift* 41(12): 257-264 (24 September), (14): 300 (24 October) [general; *A. pericles mauensis* male aberration *mediatrix*, *A. p. m.* male aberration *obscurior*, *A. p. m.* male aberration *pretiosa*, *A. p. m.* male aberration *gratiosa*, *A. p. m.* male aberration *extrema*, *A. claudia sardanapalus* form *moderata*, *A. amydon tryphon* aberration *fruhstorferi*, *A. a. t.* form *peruana*, *A. a. t.* aberration *semilarseni*, *A. hewitsonius hoppi*, *A. phalcidon* form *violetta*, *A. hewitsonius funebris*; Brazil, Colombia, Peru]
- 1928a. Erinnerungen aus Südamerika! *Entomologische Zeitschrift* 42(6): 69-71 (24 June), (7): 81-83, 1 pl. (8 July) [general; Peru, Brazil]
- 1928b. Ueber neue *Agrias*aberrationen vom Amazonas. *Entomologische Zeitschrift* 42(10): 123 (22 August) [general; Brazil]
- 1928c. Erinnerungen aus Südamerika! *Entomologische Zeitschrift* 42(12): 153-155 (22 September), (13): 164-166 (8 October), (15): 189-192 (8 November) [general; Peru, Brazil]
- 1928d. Neue oder wenig bekante *Agrias*formen vom Amazonasgebiet. *Entomologische Zeitschrift* 42(16): 204-206 (22 November), (17): 214-217 (8 December) [general; *A. claudia biedermanni* form *incompleta*, *A. c. b.* aberration *imperatrix*, *A. c. b.* female aberration *semitapajonus*, *A. c. b.* aberration s. variety ["Abweichung"] *pupillata*; Brazil]
- 1928e. Erinnerungen aus Süd-Amerika! *Entomologische Zeitschrift* 42(17): 218-220 (8 December), (18): 237-239 (22 December) [general; Peru, Brazil]
- 1928f. *Erinnerungen aus Süd-Amerika. Dr. Paul Hahnels letzte Reise nach dem Amazonas!* Frankfurt am Main, Verlag des Internationalen Entomologischen Vereins. 96 + [1] pp., 4 pls. ([22 December]) [a reprint, with some additions and corrections, of the work published in 1926-1928 in parts] [general; Peru, Brazil]
- 1929a. Neue oder wenig bekannte *Agrias*formen vom Amazonasgebiet. *Entomologische Zeitschrift* 42(19): 254-256 (8 January), (22): 293-296, 1 pl. (22 February) [general; *A. claudia biedermanni* female aberration *nigrina*, *A. c. b.* female aberration *rubrostrigosa*, *A. c. b.* aberration *triangularis*, *A. c. b.* female aberration *bella*, *A. c. b.* male aberration *rosae*, *A. c. b.* male aberration *bonita*, *A. c. b.* male aberration *linda*, *A. c. b.* male aberration *nigricirculata*, *A. c. b.* form *pseudopretiosa*, *A. c. sahlkei* aberration *imitata*, *A. c.* aberration *manaoensis*, *A. c. sahlkei* form *reforma*, *A. c. b.* male aberration *metamorpho*, *A. c. sardanapalus* form *moderata* female aberration *pseudo-suprema*, *A. c. s.* form *m.* female aberration *transversa*, *A. pericles mauensis* male aberration *subxanthippus*, *A. p. m.* male aberration *subextrema*; Brazil]
- 1929b. Neue oder wenig bekannte *Agrias*formen vom Amazonasgebiet. *Entomologische Zeitschrift* 43(6): 71-74 (22 June), (7): pl. [2] (29 June) [general; *A. narcissus obidonus* female aberration *lindissima*, *A. n. tapajonus* male aberration *semidubiosa*, *A. n. t.* male aberration *semichristinae*, *A. n. t.* aberration *subtus-flavus*, *A. n. t.* female aberration *excelsissima*, *A. n. icterica* female aberration *saphira*, *A. amydon boliviensis* male aberration *antonia*, *A. hewitsonius pherenice* male aberration *nigrofasciata*, *A. claudia exbiedermanni*, *A. c. biedermanni* male aberration *purpurata*; Brazil, Peru]
- 1929c. Neue oder wenig bekannte *Agrias*formen vom Amazonasgebiet. *Entomologische Zeitschrift* 43(14): 176-177 (22 October) [general; *A. sardanapalus sara parallelus*, *A. s. s.* aberration *semisardanapalus*, *A. s. s.* aberration *luxuriosa*, *A. claudia biedermanni* aberration *venustus*, *A. c. b.* aberration *rosae* form *rubrovenata*; Brazil, Peru]
- 1930a. Neue oder wenig bekannte *Agrias*formen vom Amazonasgebiet. *Entomologische Zeitschrift* 43(20): 249-250 (22 January); 44(3): 43-46 (8 May), (15): 228-230 (8 November) [general; *A. claudia biedermanni* female aberration *nigrivenata*, *A. c. b.* male aberration *purpurinus*, *A. c. b.* female aberration *brevitaenia*, *A. amydon* aberration *subfrontina*, *A. a. peruana* aberration *pseudo-zenodorus*, *A. a. p.* aberration *grandimaculata*, *A. a. p.* aberration *mediana*, *A. a. zenodorus* aberration *flavicellus*, *A. a. z.* aberration *zamorae*, *A. a. athenias* form *pseudoeleonora*, *A. a. a.* aberration *amaryllis*, *A. aedon pepitoensis*, *A. pericles uniformis*, *A. hewitsonius beatifica* male aberration *estrella*, *A. h. pherenice* aberration *anna*, *A. h. staudingeri* male aberration *hermosa*, *A. h. pherenice* male aberration *aurea*, *A. h. p.* form *distinctus*, *A. h. beata* form *brevioccillata*, *A. claudia sahlkei* aberration *tractata*, *A. c. biedermanni* form *simplex*; Brazil, Colombia, Peru, Ecuador]
- 1930b. Neue *Agrias*-Ab. vom mittleren Amazonas. *Entomologische Zeitschrift* 44(18): 273-277, 1 pl. (22 December) [general; *A. claudia lecerfi* female aberration *quadrata*, *A. c. l. (biedermanni)* male aberration *novata*, *A. c. l.* female aberration *minorata*, *A. c. l.* female aberration *oblongomaculata*, *A. c.* male aberration *subtuschana*, *A. c. sardanapalus* female aberration *cyanorubra*, *A. c. s.* aberration *semibelsazar*, *A. c. s.* male aberration *caladonia*, *A. s.* male aberration *virgata*, *A. s.* male aberration *splendida*, *A. sardanapalus sara* form *pomposa*, *A. s. s.* aberration *parallela*, *A. s. s.* male aberration *semihades*, *A. claudia sardanapalus* male aberration *rufopuncta*, *A. c. s.* form *phaenomenalis*, *A. c. lecerfi (biedermanni)* transitional form *similatus*, *A. c. sardanapalus* female aberration *redita*, *A. pericles rubella*, *A. p. r.* form *mixta*; Brazil]
- 1931a. Neue *Agrias*-Ab. vom mittleren Amazonas. *Entomologische Zeitschrift* 44(20): 309-312 (22 January) [general; *A. pericles rubella* aberration *arcuatus*, *A. p. r.* aberration *modulata*, *A. p. r.* aberration *connexa*, *A. p. r.* aberration *c.* female aberration *livida*, *A. p. r.* aberration *c.* female aberration *grandis*, *A. hewitsonius stuarti* female form *simplicia*, *A. h. s.* female form *semibicolora*, *A. h. s.* aberration *clara*, *A. narcissus obidonus* female aberration *corallina*; Brazil]
- 1931b. Ueber einige neue Tagfalteraberrationen vom Amazonasgebiet. *Entomologische Zeitschrift* 45(10): 152-155, 1 pl. (22 August), (11): 163-167, figs. 5-7 (8 September) [general; *Morpho hecuba phanodemus* aberration *ucayalus*, *M. h. p.* aberration *iricolor*, *M. h. p.* male aberration *rectifasciatus*, *M. h. cisseis* form *lilacinus*, *M. rhetenor helena* individual aberration *impunctata*, *M. adonis* aberration *immaculata*, *M. a. huallaga*, *M. a. caladoensis*, *M. a. equatoriensis*, *Papilio quadratus* transitional form *punctatus*, *Batesia hypochlora*

- transitional form *intermedia*, *Megistanis hahneli*, *Catagramma excelsior michaeli* aberration *albipunctata*, *C. e. m.* aberration *reducta*, *C. e. m.* aberration *cobaltinus*; Brazil, Peru]
1932. Neue oder wenig bekannte *Agrias*-aberrationen vom Amazonas. *Entomologische Zeitschrift* 45(19): 262-263 (15 January), (20): 268-271 (22 January) [general; *A. phalcedon viola* aberration *signata*, *A. p. v.* female aberration *excellens*, *A. p. fournierae* form *viola* aberration *tridens*, *A. hewitsonius stuarti* male aberration *amplimarginata*, *A. h. s.* female form *obscurata*, *A. h. s.* form *obsoleta*, *A. h. s.* form *interruptus*, *A. beata variabilis*, *A. h.* aberration *angustior*, *A. claudia* aberration *nigricans*, *A. c. lecerfi* form *tenuifasciata*, *A. pericles rubella* form *extensa*, *A. p. r.* form *reducta*; Brazil, Peru, Bolivia, French Guiana, Ecuador]
1933. Bemerkungen über *Agrias*. *Entomologische Zeitschrift* 46(20): 215 (22 January) [general; *A. claudia michaeli* new female aberration *decora*; Brazil]
- Michaelis, Julius** [?1847- ?]
1905. Aus dem Leben eines Urwaldjägers. *Insekten-Börse* 22(21): 83-84 (25 May), (35): 139-140 (31 August) [general; Brazil]
- Michán, Layla, and Jorge Enrique Llorente**
2002. *Hacia una Historia de la Entomología en México*, pp. 3-52, 17 figs., 9 tabs. In: Llorente, J. E. & J. J. Morrone (Eds.), *Biodiversidad, taxonomía y biogeografía de artrópodos de México: Hacia una síntesis de su conocimiento. Volumen III*. México, Universidad Nacional Autónoma de México (January) [general]
- Michán, Layla, Jorge Enrique Llorente, Moisés Armando Luis and Diana Jimena Castro**
2004. *Breve historia de la taxonomía de Lepidoptera en México durante el siglo XX*, pp. 5-42, 26 figs., 15 tabs. In: Llorente, J. E., J. J. Morrone, O. Yáñez & I. Vargas (Eds.), *Biodiversidad, Taxonomía y Biogeografía de Artrópodos de México: Hacia una síntesis de su conocimiento. Volumen IV*. México, Universidad Nacional Autónoma de México. (July) [also in *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 29(110): 101-132, 26 figs., 16 tabs. (March 2005)] [general]
- Michaud, Gustave**
1916. See Tristrán, J. F. & G. Michaud, 1916.
- Michel, François**
1999. See Aubert, J. et al., 1999.
- Michel, François, Cécile Rebourg, Emmanuel Cosson and Henri Descimon**
2008. Molecular phylogeny of Parnassiinae butterflies (Lepidoptera: Papilionidae) based on the sequences of four mitochondrial DNA segments. *Annales de la Société entomologique de France* (N. S.) 44: 1-36, 14 figs., 3 tabs. [general; Neotropics; host plants]
- Michelbacher, Abraham Ezra** [1899-1991], and **Edward Shearman Ross**
1942. Contributions toward a knowledge of the insect fauna of Lower California. No. 1. Introductory account. *Proceedings of the California Academy of Sciences* (4)24(1): 1-19, pls. 1-3 (31 March) [general; Mexico]
- Michelet, Jules** [1798-1874]
1986. See Celli, G. et al., 1986.
1986. See Ricci, F. M., 1986.
- Micheli, Julio A.**
1976. See Ramos, S. J. & J. A. Micheli, 1976.
- Michelson, Albert Abraham** [1852-1931]
1911. On metallic colouring in birds and insects. *Philosophical Magazine* (6)21: 554-567, pl. 4 [*Morpho aega* (Hübner)]
- Michener, Charles Duncan** [1918-2015]
- 1942a. A generic revision of the Heliconiinae (Lepidoptera, Nymphalidae). *American Museum Novitates* 1197: 1-8, 17 figs. (9 October) [general; new genera: *Podotricha*, *Dryadula*]
- 1942b. A review of the subspecies of *Agraulis vanillae* (Linnaeus) (Lepidoptera: Nymphalidae). *American Museum Novitates* 1215: 1-7 (31 December) [general; new subspecies: *A. v. forbesi*, *A. v. nigrior*; Neotropics]
- 1943a. Some systematic notes on the Libytheidae (Lepidoptera). *American Museum Novitates* 1232: 1-2, 6 figs. (10 June) [general; *Libytheana* (new genus) *carinenta mexicana*, new subspecies; Mexico, Costa Rica, Guatemala, Belize]
- 1943b. A review of the genus *Calisto* (Lepidoptera, Satyrinae). *American Museum Novitates* 1236: 1-6, 2 figs. (22 June) [general; new taxa: *C. hysius batesi*, *C. obscura*; West Indies]
1949. Sympatric species of *Calisto* in Cuba (Lepidoptera, Satyrinae). *American Museum Novitates* 1391: 1-3, 2 figs. (10 January) [general; new species: *C. bruneri*]
- Michielsen, Kristel**
2012. See Wilts, B. D. et al., 2012.
- Michielsen, Kristel, and Doekele G. Stavenga**
2008. Gyroid cuticular structures in butterfly wing scales: biological photonic crystals. *Journal of the Royal Society of London Interface* 5(18): 85-94, 7 figs. (6 January; published online 13 June 2007) [*Parides sesostris* (Cramer), *Morpho peleides* Kollar]
- Micó, Estefanía**
2008. See Prieto, C. H. et al., 2008.
2011. See Prieto, C. H. et al., 2011.
- Middleton, A. P.**
2000. Butterflies of Cuba. *British Journal of Entomology and Natural History* 13(3): 165 (October) [general]
- Midwinter, H. J.**
1975. See Stone, J. L. S. & H. J. Midwinter, 1975.
- Mielitz, Luiza Redaelli**
1981. See Azambuja, M. D. de & L. R. Mielitz, 1981.
- Mielke, Carlos Guilherme Costa**
1995. Papilionoidea e Hesperioidea (Lepidoptera) de Curitiba e seus arredores, Paraná, Brasil, com notas taxonômicas sobre Hesperidae. *Revista brasileira de Zoologia* 11(4): 759-776 (30 March) [general]
- 2000a. See Mielke, O. H. H. et al., 2000.
- [2000]b. Morfologia externa de lepidópteros como uma importante ferramenta de classificação. *Mariposas del Mundo* 5: 5-9, 8 figs. [*Agrias claudina claudianus* Staudinger]
2004. See Mielke, O. H. H. et al., 2004.
2010. See Moreira, G. R. P. & C. G. C. Mielke, 2010.
2015. See Dias, F. M. S. et al., 2015b.
2017. See Câmara, J. T. et al., 2017.
- Mielke, Carlos Guilherme Costa, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2004a. Estudo comparado da morfologia externa de *Zaretis itylus* (Westwood) e *Agrias claudina annetta* (Gray) (Lepidoptera, Nymphalidae, Charaxinae). I. Cabeça, apêndices e região cervical. *Revista brasileira de Zoologia* 21(2): 357-369, 28 figs., 1 tab. (30 June) [Brazil]
- 2004b. Estudo comparado da morfologia externa de *Zaretis itylus* (Westwood) e *Agrias claudina annetta* (Gray). (Lepidoptera, Nymphalidae, Charaxinae) II. Tórax e apêndices. *Revista brasileira de Zoologia* 21(3): 421-433, 28 figs., 1 tab. (30 September) [Brazil]
- 2004c. Estudo comparado da morfologia externa de *Zaretis itylus* (Westwood) e *Agrias claudina annetta* (Gray). (Lepidoptera, Nymphalidae, Charaxinae) III. Abdome. *Revista brasileira de Zoologia* 21(4): 905-912, 32 figs., 1

tab. (31 December) [Brazil]

**Mielke, Érica Costa**

2011. See Bonfantti, D. et al., 2011.

**Mielke, Olaf Hermann Hendrik [1941- ]**

1966. Uma espécie nova do gênero *Dardarina* (Lepidoptera, Rhopalocera, Hesperidae, Hesperinae). *Atas da Sociedade de Biologia do Rio de Janeiro* 10(5): 119, 1 fig. (19 December) [*D. aspila*; Brazil]
- 1967a. See Brown, K. S., Jr. & O. H. H. Mielke, 1967a.
- 1967b. Notas sobre o gênero *Sarmientoia* (Lepidoptera, Hesperidae). *Ciência e Cultura* (São Paulo) 19(2): 345 (June) [abstract; new species: *S. similis*, *S. almeidai*, *S. browni*; Brazil]
- 1967c. See D'Almeida, R. F. & O. H. H. Mielke, 1967.
- 1967d. See Brown, K. S., Jr. & O. H. H. Mielke, 1967b.
- 1967e. Lepidópteros do Planalto Central brasileiro. IV: Notas complementares sobre os Hesperidae da região e descrição de cinco espécies novas (Lepidoptera, Hesperidae). *Revista brasileira de Biologia* 27(2): 125-134, 32 figs. (August) [*Bungalotis gagarini*, *Caicella cerradicola*, *Eutocus minor*, *Vidius spitzzi*, *Niconiades centralis*]
- 1967f. Notas sobre o gênero *Sarmientoia*, com descrição de 4 espécies novas (Lepidoptera, Hesperidae). *Boletim da Universidade federal do Paraná (Zoologia)* 2(13): 311-328, 11 pls., 37 figs. (December) [*S. haywardi*, *S. similis*, *S. almeidai*, *S. browni*; Brazil, Argentina, Bolívia, Paraguai]
- 1968a. Lepidoptera of the Central Brazil plateau. II. New genera, species and subspecies of Hesperidae. *Journal of the Lepidopterists' Society* 22(1): 1-20, 10 pls. (13 March) [*Myrinia catua*, *Ouleus fridericus candangus*, *Quadrus zolus*, *Q. u-lucida parabus*, *Dardarina para*, *Radius* (new genus) *bradus*, *Peba* (new genus) *striata*, *Vidius felus*, *Cymaenes laza*, *C. chapa*, *C. riba*, *Lerema veadeira*, *Morys sobra*, *Adlerodea mineira*, *Cynea conta*, *Oeconus brasus*, *Panoquina confusa*]
- 1968b. Notas sobre as espécies brasileiras do gênero *Corticea*, com descrição de três espécies e uma subespécie novas (Lepidoptera: Hesperidae). *Ciência e Cultura* (São Paulo) 20(2): 321 (June) [abstract; *C. immocerina tangerinii*, *C. bella*, *C. aidea*, *C. obscura*]
- 1968c. Contribuição ao estudo faunístico dos "Hesperidae" brasileiros I. Resultados de uma excursão a Foz do Iguaçu, Paraná, Brasil, com notas taxonômicas (Lepidoptera). *Atas da Sociedade de Biologia do Rio de Janeiro* 12(2): 73-78, 2 figs. (12 August) [general]
- 1968d. See Brown, K. S., Jr. & O. H. H. Mielke, 1968.
- 1968e. Duas espécies novas de *Drephalys*, provenientes de Santa Catarina (Lepidoptera, Hesperidae). *Atas da Sociedade de Biologia do Rio de Janeiro* 12(3): 129-133, 14 figs. (10 December) [*D. miersi*, *D. mourei*; Brazil]
- 1968f. Lepidoptera do Planalto Central brasileiro. V: Novas espécies de Hesperidae e anotações sobre outras espécies conhecidas. *Revista brasileira de Biologia* 28(4): 447-455, 33 figs. (December) [*Artines bipunctata*, *Vehilius barrosi*, *Phlebodes buriti*]
- 1969a. Notas sobre as espécies brasileiras do gênero *Corticea*, com descrição de três espécies novas (Lepidoptera: Hesperidae). *Boletim da Universidade federal do Paraná (Zoologia)* 3(6): 143-166, 5 pls., figs. 1-2, 43-119, 9 maps (March) [general; *C. bella*, *C. aidaea*, *C. obscura*; Argentina, Central America, French Guiana, Ecuador, Bolívia, Colômbia, Venezuela, Peru]
- 1969b. Novos Hesperinae brasileiros (Lepidoptera, Hesperidae). *Revista brasileira de Biologia* 29(1): 1-12, 49 figs. (April) [*Virga hygrophile*, *V. riparia*, *V. eliasi*, *Vehilius vetus*, *Copaeodes (?) castanea*]
- 1970a. Dois novos Hesperinae brasileiros (Lepidoptera: Hesperidae). *Atas da Sociedade de Biologia do Rio de Janeiro* 13(3/4): 139-142, 15 figs. (18 June) [*Rhinthon cubana australis*, *Saliana covancae*]
- 1970b. See Brown, K. S., Jr. et al., 1970.
- 1971a. *Thespieus zikani* sp. n. (Lepidoptera: Hesperidae). *Atas da Sociedade de Biologia do Rio de Janeiro* 14(3/4): 67-69, 7 figs. ("1970", 27 January 1971) [*T. tapayuna* Zikán; Colômbia, Brazil]
- 1971b. Contribuição ao estudo faunístico dos Hesperidae americanos-II. Distribuição geográfica das espécies de *Aguna* Williams, 1927, com descrição de uma espécie nova e um novo sinônimo. *Arquivos do Museu nacional* (Rio de Janeiro) 54: 203-208, 3 figs. (after March) [general; *A. venezuelae*]
- 1971c. See Carvalho, J. C. de M. & O. H. H. Mielke, 1971.
- 1971d. As espécies de Hesperidae descritas por J. F. Zikán (Lepidoptera). *Revista brasileira de Biologia* 31(2): 249-262, 109 figs. (July) [general; Brazil]
- 1972a. See Brown, K. S., Jr. & O. H. H. Mielke, 1972.
- 1972b. As espécies sul-americanas do gênero *Euphyes* Scudder, 1872 (Lepidoptera: Hesperidae [sic]). *Boletim da Universidade federal do Paraná (Zoologia)* 5(4): 175-222, 157 figs. (September) [general; new taxa: *E. subferruginea biezankoi*, *E. eberti*, *E. fumata*, *E. d. brunnea*, *E. evansi*]
- 1973a. Contribuição ao estudo faunístico dos Hesperidae americanos. III. Espécies coletadas em duas excursões ao Pará e Amapá, Brasil (Lepidoptera). *Acta biológica paranaense* (Curitiba) 2(1/4): 17-40, 24 figs., 2 graphs (after 6 August) [general; new subspecies: *Vehilius vetus oiticicae*; behavior; biogeography]
- 1973b. See Biezanko, C. M. & O. H. H. Mielke, 1973.
- 1973c. Sobre *Euphyes ampa* Evans, 1955 (Lepidoptera: Hesperidae). *Atas da Sociedade de Biologia do Rio de Janeiro* 17(1): 1-3, 8 figs. (21 December) [taxonomy; Honduras]
1975. Sobre algumas espécies de *Staphylus* Godman & Salvin (Lepidoptera: Hesperidae). *Acta biológica paranaense* (Curitiba) 4(1/2): 25-34, 11 figs. (after 20 February) [general; taxonomy; Argentina, Brazil]
- 1977a. Coleção de Lepidoptera de "Romualdo Ferreira d'Almeida" na Universidade Federal do Paraná. *Dusenía* (Curitiba) 10(2): 57 (25 September) [general]
- 1977b. *Paracogia acanthopoda* gen. e sp. n. de Hesperidae do Paraná, Brasil (Lepidoptera). *Dusenía* (Curitiba) 10(2): 77-81, 13 figs. (25 September) [host plant]
- 1978a. Revisão do gênero *Lindra* Evans (Lepidoptera, Hesperidae). *Revista brasileira de Biologia* 38(2): 269-287, 50 figs. (May) [general; new taxa: *L. howarthi*, *L. vanewrighti*, *L. brasus ackeryi*, *L. b. huxleyi*; Panama, Brazil, Peru, Bolívia]
- 1978b. Dois novos Hesperinae do sul do Brasil (Lepidoptera: Hesperidae). *Papéis avulsos de Zoologia* (São Paulo) 2(7): 87-93, 17 figs. (21 November) [*Thespieus homochromus*, *Dardarina umuarama*]
- 1978c. Nova combinação e espécie de *Cogia* Butler (Lepidoptera: Hesperidae). *Acta biológica paranaense* (Curitiba) 7(1/4): 193-201, 16 figs. [*Cogia elaites* (Hewitson), *C. guandu*; Brazil]
- 1979a. Duas novas espécies de *Typhedanus* Butler (Lepidoptera: Hesperidae). *Revista brasileira de Entomologia* (São Paulo) 23(1): 1-8, 20 figs. (16 April) [*T. eliasi*, *T. cursinoi*; Brazil]
- 1979b. See Casagrande, M. M. & O. H. H. Mielke, 1979.
- 1979c. See Biezanko, C. M. et al., [1979].

- 1980a. Contribuição ao estudo faunístico de Hesperiidae americanos. V. Nota suplementar às espécies de Pyrrhopyginae e Pyrginae do Rio Grande do Sul, Brasil (Lepidoptera). *Acta biológica paranaense* (Curitiba) 8/9: 7-17, 17 figs. [new species: *Staphylus insignis*, *Antigonus minor*]
- 1980b. Contribuição ao estudo faunístico dos Hesperiidae americanos. VI. Nota suplementar às espécies de Hesperiidae do Rio Grande do Sul, Brasil (Lepidoptera). *Acta biológica paranaense* (Curitiba) 8/9: 127-172, 77 figs. [new taxa: *Dardarina gaucha*, *Vidius ochraceus*, *V. similis*, *Igapophilus* (new genus) *rufus*, *Cymaenes campestris*, *Penicula roppai*, *Chalcone chalcone australis*, *Panoquina panoquinoides albistriga*]
1985. See Casagrande, M. M. & O. H. H. Mielke, 1985.
- 1986a. Borboletas: espécies ameaçadas de extinção no Brasil, protegidas pelo Parque Nacional do Iguaçu. *Correio filatélico* (Brasília) 10(100): 18-21, 3 figs. (May-June) [general]
- 1986b. Borboletas da série Preservação da Fauna Brasileira. *Temática - Filatelia e Cultura* (São Paulo) 16(92): 244, 3 figs. (July-August) [*Pyrrhopyge ruficauda* Hayward, *Pieriballia mandela molione* Fruhstorfer, *Prepona eugenes diluta* Fruhstorfer; South America]
1988. See Onore, G. & O. H. H. Mielke, 1988.
- 1989a. Sobre os tipos de Hesperiidae descritos por Roeber (Lepidoptera). *Revista brasileira de Zoologia* 6(1): 131-146, 11 figs. (15 April) [general; Neotropics]
- 1989b. Notas sinonímicas sobre Hesperiidae americanos (Lepidoptera). *Revista brasileira de Entomologia* (São Paulo) 33(2): 345-351, 28 figs. (29 September) [general]
- 1989c. Sobre o lectótipo de *Papilio bixae* Linnaeus e a designação do lectótipo de *Papilio proteus* Linnaeus (Lepidoptera, Hesperiidae). *Revista brasileira de Zoologia* 6(3): 449-452, 5 figs. (20 October) [Surinam]
- 1989d. Novas espécies de *Vidius* Evans e *Cobalopsis* Godman & Salvin do Brasil (Lepidoptera, Hesperiidae, Hesperiidae). *Revista brasileira de Zoologia* 6(4): 659-670, 25 figs. (31 December) [*V. xanthus*, *V. catharinae*, *C. monotona*, *C. similis*]
1992. Notas sinonímicas sobre Hesperiidae neotropicais, com descrições de novos gêneros, espécies e subespécies (Lepidoptera). *Revista brasileira de Zoologia* 7(4): 503-524, 42 figs. ("15 December 1991", 15 September 1992) [general; new taxa: *Celaenorrhinus shema mercedensis*, *Phocides pialia intermedia*, *Corticea diamantina*, *Artines tobiasi*, *Cymaenes albiventris albiventris*, *C. a. capixaba*, *Papias cascatona*, *Lerema caraca*, *Vettius ploetzii morretesi*, *Propapias*]
- 1993a. See Lamas, G. et al., 1993.
- 1993b. See Austin, G. T. et al., 1993.
- 1993c. Sobre os tipos de Hesperiidae (Lepidoptera) neotropicais descritos por M. Draudt. *Revista brasileira de Entomologia* (São Paulo) 37(3): 611-638, 219 figs. (30 September) [general; new species: *Lindra boliviana*]
- 1993d. See Casagrande, M. M. & O. H. H. Mielke, 1993.
- 1993e. See Austin, G. T. & O. H. H. Mielke, 1993.
- 1995a. Revisão de *Elbella* Evans e gêneros afins (Lepidoptera, Hesperiidae, Pyrrhopyginae). *Revista brasileira de Zoologia* 11(3): 395-586, 147 figs. (29 March) [new taxa: *Elbella intersecta paraensis*, *E. i. rufitegula*, *E. viriditas boliviana*, *E. lampra albociliata*, *E. azeta giffordi*, *E. patrobas mexicana*, *E. p. evansi*, *E. p. tingo*, *E. p. amazonica*, *Parelbella* (new genus) *peruana*, *Pseudocroniades* (new genus) *machaon seabrai*, *Protelbella* (new genus) *alburna brasiliensis*; Central and South America]
- 1995b. See Casagrande, M. M. & O. H. H. Mielke, 1995.
1996. See Robbins, R. K. et al., 1996.
1997. See Austin, G. T. et al., 1997.
- 1998a. See Brown, K. S., Jr. & O. H. H. Mielke, 1998a.
- 1998b. See Brown, K. S., Jr. & O. H. H. Mielke, 1998b.
- 1998c. See Casagrande, M. M. et al., 1998a.
- 1998d. See Casagrande, M. M. et al., 1998b.
- 1998e. See Casagrande, M. M. et al., 1998c.
- 1998f. See Brown, K. S., Jr. & O. H. H. Mielke, 1998c.
- 1998g. See Brown, K. S., Jr. & O. H. H. Mielke, 1998d.
- 1998h. See Brown, K. S., Jr. & O. H. H. Mielke, 1998e.
- 1998i. See Brown, K. S., Jr. & O. H. H. Mielke, 1998f.
- 1998j. See Brown, K. S., Jr. & O. H. H. Mielke, 1998g.
- 1998k. See Brown, K. S., Jr. & O. H. H. Mielke, 1998h.
- 1998l. See Brown, K. S., Jr. & O. H. H. Mielke, 1998i.
- 1998m. See Brown, K. S., Jr. & O. H. H. Mielke, 1998j.
- 1998n. See Brown, K. S., Jr. & O. H. H. Mielke, 1998k.
- 1998o. See Brown, K. S., Jr. & O. H. H. Mielke, 1998l.
- 1998p. See Brown, K. S., Jr. & O. H. H. Mielke, 1998m.
- 1998q. See Casagrande, M. M. & O. H. H. Mielke, 1998.
- 1998r. See Austin, G. T. & O. H. H. Mielke, 1998.
- 1998s. See Casagrande, M. M. et al., 1998.
1999. See Paluch, M. et al., 1999.
- 2000a. See Casagrande, M. M. & O. H. H. Mielke, 2000a.
- 2000b. See Casagrande, M. M. & O. H. H. Mielke, 2000b.
- 2000c. See Duarte, M. et al., 2000.
- 2000d. See Austin, G. T. & O. H. H. Mielke, 2000.
- 2000e. See Otero, L. S. et al., 2000.
- 2001a. See Duarte, M., M. M. Casagrande et al., 2001.
- 2001b. See Paluch, M. et al., 2001.
- 2001c. Estudo cladístico e descrições de tribos em Pyrrhopyginae (Lepidoptera, Hesperiidae). *Revista brasileira de Zoologia* 18(3): 897-905, 8 figs., 1 tab. (30 September) [new tribes: Passovini, Zoniini, Oxynetrini]
- 2001d. See Duarte, M., G. L. de Almeida et al., 2001.
- 2002a. Pyrrhopyginae: gêneros novos e revalidados (Lepidoptera: Hesperiidae). *Revista brasileira de Zoologia* 19(1): 217-228 (30 March) [*Cyclopyge*, *Gunayan*, *Chalipyge*, *Ochropyge*, *Melanopyge*, *Jonapyge*, *Creonpyge*, *Cyanopyge*, *Mysarbia*, *Amysoria*, *Mimardaris*; new name: *Mysarbia sejanus stollii*]
- 2002b. See Orellana, A. M. et al., 2002.
- 2003a. See Casagrande, M. M. & O. H. H. Mielke, 2003.
- 2003b. See Bizarro, J. M. S. et al., 2003a.
- 2003c. See Duarte, M. et al., 2003.
- 2003d. See Bizarro, J. M. S. et al., 2003b.
- 2003e. See Bizarro, J. M. S. et al., 2003c.
- 2003f. See Paluch, M. et al., 2003.
- 2004a. See Warren, A. D. & O. H. H. Mielke, 2004.
- 2004b. See Mielke, C. G. C. et al., 2004a.
- 2004c. See Mielke, C. G. C. et al., 2004b.
- 2004d. *Hesperiidae*, pp. 25-86. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004e. See Mielke, C. G. C. et al., 2004c.
- 2005a. See Warren, A. D. & O. H. H. Mielke, 2005.
- 2005b. See Paluch, M. et al., 2005.
- 2005c. See Duarte, M. et al., 2005.
- 2005d. See Casagrande, M. M. & O. H. H. Mielke, 2005.
- 2005e. *Catalogue of the American Hesperioidea: Hesperiidae (Lepidoptera)*. Curitiba, Sociedade Brasileira de Zoologia. 1: xiii + 125 pp.; 2: [ii] + 127-410; 3: [iii] + 411-771; 4: [ii] + 773-1055; 5: [iii] + 1057-1383; 6: [ii] + 1385-1536 (September) [general]
- 2006a. See Fonseca, N. G. da et al., 2006.

- 2006b. See Paluch, M. et al., 2006.  
 2006c. See Vargas, H. A. et al., 2006.  
 2007a. See Casagrande, M. M. & O. H. H. Mielke, 2007.  
 2007b. See Austin, G. T. & O. H. H. Mielke, 2007.  
 2007c. See Casagrande, M. M. & O. H. H. Mielke, 2007d.  
 2008a. See Nobre, C. E. B. et al., 2008.  
 2008b. See Casagrande, M. M. & O. H. H. Mielke, 2008.  
 2008c. See Carneiro, E. et al., 2008a.  
 2008d. See Paluch, M. et al., 2008.  
 2008d. See Carneiro, E. et al., 2008b.  
 2008e. See Austin, G. T. et al., 2008.  
 2008f. See Austin, G. T. & O. H. H. Mielke, 2008.  
 2008g. See Machado, A. B. M. et al., 2008.  
 2009. See Soares, M. A. et al., 2009.  
 2010a. See Monteiro, R. F. et al., 2010.  
 2010b. See Duarte, M. et al., 2010.  
 2010c. See Freitas, A. V. L. et al., 2010.  
 2010d. See Leite, L. A. R. et al., 2010a.  
 2010e. See Dias, F. M. S. et al., 2010a.  
 2010f. See Dolibaina, D. R. et al., 2010a.  
 2010g. See Dias, F. M. S. et al., 2010b.  
 2010h. See Leite, L. A. R. et al., 2010b.  
 2010i. See Dias, F. M. S. et al., 2010c.  
 2010j. See Leite, L. A. R. et al., 2010c.  
 2010k. See Dias, F. M. S. et al., 2010d.  
 2010l. See Dolibaina, D. R. et al., 2010b.  
 2011a. See Dolibaina, D. R. et al., 2011.  
 2011b. See Francini, R. B. et al., 2011a.  
 2011c. See Bonfantti, D. et al., 2011.  
 2011d. See Freitas, A. V. L. et al., 2011a.  
 2011e. See Leite, L. A. R. et al., 2011.  
 2011f. See Dias, F. M. S. et al., 2011.  
 2011g. See Paluch, M. et al., 2011.  
 2012a. See Dias, F. M. S. et al., 2012a.  
 2012b. See Carneiro, E. et al., 2012.  
 2012c. See Silva, N. A. P. da et al., 2012.  
 2012d. See Leite, L. A. R. et al., 2012a.  
 2012e. See Dias, F. M. S. et al., 2012b.  
 2012f. See Dias, F. M. S. et al., 2012c.  
 2012g. See Dias, F. M. S. et al., 2012d.  
 2012h. See Carneiro, E. et al., 2012.  
 2012i. See Casagrande, M. M. et al., 2012.  
 2012j. See Leite, L. A. R. et al., 2012b.  
 2012k. See Dolibaina, D. R. et al., 2012.  
 2012l. See Freitas, A. V. L. et al., 2012a.  
 2012m. See Kowalczyk, M. et al., 2012.  
 2012n. See Freitas, A. V. L. et al., 2012b.  
 2013a. See Dias, F. M. S. et al., 2013a.  
 2013b. See Bonfantii, D. et al., 2013.  
 2013c. See Zacca, T. et al., 2013.  
 2013d. See Leite, L. A. R. et al., 2013.  
 2013e. See Dias, F. M. S. et al., 2013b.  
 2013f. See Tavares, W. de S. et al., 2013a.  
 2013g. See Zanuncio, J. C. et al., 2013.  
 2013h. See Tavares, W. de S. et al., 2013b.  
 2013i. See Dolibaina, D. R. et al., 2013.  
 2013j. See Carneiro, E. et al., 2013.  
 2013k. See Siewert, R. R. et al., 2013.  
 2013l. See Freitas, A. V. L. et al., 2013.  
 2014a. See Siewert, R. R. et al., 2014a.  
 2014b. See Carneiro, E. et al., 2014a.  
 2014c. See Dias, F. M. S. et al., 2014a.  
 2014d. See Ríos, S. D. et al., 2014.  
 2014e. See Benyamini, D. et al., 2014.  
 2014f. See Zacca, T. et al., 2014.  
 2014g. See Barão, K. R. et al., 2014.  
 [2014]h. See Giovenardi, R. et al., [2014].  
 2014i. See Leite, L. A. R. et al., 2014.  
 2014j. See Siewert, R. R. et al., 2014d.  
 2014k. See Tavares, W. de S. et al., 2014.  
 2014l. See Dolibaina, D. R. et al., 2014a.  
 2014m. See Beltrami, L. C. de C. e et al., 2014.  
 2014n. See Salik, L. M. G. et al., 2014.  
 2014o. See Siewert, R. R. et al., 2014e.  
 2014p. See Siewert, R. R. et al., 2014f.  
 2014q. See Santos, F. L. dos et al., 2014.  
 2014r. See Siewert, R. R. et al., 2014g.  
 2014s. See Carneiro, E. et al., 2014b.  
 2014t. See Dolibaina, D. R. et al., 2014b.  
 2014u. See Carneiro, E. et al., 2014c.  
 2015a. See Carneiro, E. et al., 2015a.  
 2015b. See Dias, F. M. S. et al., 2015a.  
 2015c. See Dias, F. M. S. et al., 2015b.  
 2015d. See Freitas, A. V. L. et al., 2015b.  
 2015e. See Carneiro, E. et al., 2015b.  
 2015f. See Siewert, R. R. et al., 2015a.  
 2015g. See Leviski, G. L. et al., 2015.  
 2015h. See Bonfantti, D. et al., 2015a.  
 2015i. See Bonfantti, D. et al., 2015b.  
 2015j. See Bonfantti, D. et al., 2015c.  
 2015k. See Dolibaina, D. R. et al., 2015a.  
 2015l. See Leite, L. A. R. et al., 2015.  
 2015m. See Paluch, M. et al., 2015.  
 2015n. See Henao, E. R. et al., 2015.  
 2015o. See Neild, A. F. E. et al., 2015.  
 2015p. See Carneiro, E. et al., 2015c.  
 2015q. See Dias, F. M. S. et al., 2015c.  
 2015r. See Salik, L. M. G. et al., 2015.  
 2015s. See Siewert, R. R. et al., 2015b.  
 2015t. See Dolibaina, D. R. et al., 2015b.  
 2016a. See Zacca, T. et al., 2016.  
 2016b. See Dias, F. M. S. et al., 2016.  
 2016c. See Paluch, M. et al., 2016.  
 2016d. See Queiroz-Santos, L. et al., 2016.  
 2016e. See Willmott, K. R. et al., 2016.  
 2016f. See Siewert, R. R. et al., 2016b.  
 2016g. See Dolibaina, D. R. et al., 2016.  
 2016h. See Oliveira-Neto, J. F. de et al., 2016.  
 2016i. See Freitas, A. V. L. et al., 2016c.  
 2016j. See Leviski, G. L. et al., 2016.  
 2017a. See Zacca, T. et al., 2017a.  
 2017b. See Salik, L. M. G. et al., 2017.  
 2017c. See Dolibaina, D. R. et al., 2017a.  
 2017d. See Zacca, T. et al., 2017b.  
 2017e. See Leite, L. A. R. et al., 2017.  
 2017f. See Zacca, T. et al., 2017c.  
 2017g. See Zacca, T. et al., 2017d.  
 2017h. See Pérez, J. H. et al., 2017b.  
 2017i. See Ortiz, E. et al., 2017.  
 2017j. See Dolibaina, D. R. et al., 2017b.  
 2017k. See Câmara, J. T. et al., 2017.  
 2017l. See Shuey, J. A. et al., 2017.  
 2018a. See Pycz, T. W. et al., 2018a.  
 2018b. See Pires, A. C. V. et al., 2018.  
 2018c. See Barbosa, E. de P. et al., 2018.  
 2018d. See Benmesbah, M. et al., 2018.  
 2018e. See Gáviria, F. G. et al., 2018.  
 2018f. See Zacca, T. et al., 2018.  
 2018g. See Siewert, R. R. et al., 2018a.  
 2018h. See Nakahara et al., 2018b.  
 2018i. See Siewert, R. R. et al., 2018b.  
 2019a. See Dias, F. M. S. et al., 2019a.  
 2019b. See Dias, F. M. S. et al., 2019b.  
 2019c. See Espeland, M. et al., 2019.

- 2019d. See Melo, D. H. A. et al., 2019a.
- 2019e. See Nakahara, S. et al., 2019a.
- 2019f. See Toussaint, E. F. A. et al., 2019.
- 2019g. See Dias, F. M. S. et al., 2019c
- 2019h. See Medeiros, A. D. de et al., 2019a.
- 2019i. See Nakahara, S. et al., 2019b.
- 2019j. See Medeiros, A. D. de et al., 2019b.
- Mielke, Olaf Hermann Hendrik, George Traut Austin and Andrew David Warren**
2008. A new *Parelbella* from Mexico (Hesperiidae: Pyrginae: Pyrrhopygini). *Florida Entomologist* 91(1): 30-35, 2 figs. (March) [*P. nigra*]
- Mielke, Olaf Hermann Hendrik, and Keith Spalding Brown, Jr.**
1979. *Suplemento ao Catálogo dos Ithomiidae Americanos de R. Ferreira d'Almeida (Lepidoptera) (Nymphalidae: Ithomiinae)*. Curitiba, Centro de Recursos Audiovisuais da UFPr. vii + 216 pp., 2 figs. [general; new tribe: Methonini]
- 1998a. *Charonias theano theano (Boisduval, 1836)*, pp. 518-520, fig. 46, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998b. *Moschoneura methymna (Godart, 1819)*, pp. 521-522, fig. 43, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998c. *Ortilia polinella (Hall, 1928)*, pp. 542-543, fig. 50, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- 1998d. *Callicore hydarnis (Godart, [1824])*, pp. 544-545, fig. 52, 1 map. In: Machado, A. B. M., G. A. B. da Fonseca, R. B. Machado, L. M. de S. Aguiar & L. V. Lins (Eds.), *Livro vermelho das espécies ameaçadas de extinção da fauna de Minas Gerais*. Belo Horizonte, Fundação Biodiversitas (June) [Brazil]
- Mielke, Olaf Hermann Hendrik, Eduardo Carneiro and Mirna Martins Casagrande**
2010. Lepidoptero fauna (Papilionoidea e Hesperioidea) do Parque Estadual do Chandless e arredores, Acre, Brasil. *Biota neotropica* 10(4): 285-299, 3 figs., 1 tab. (23 November) [general]
- 2012a. Hesperiididae (Lepidoptera, Hesperioidea) from Ponta Grossa, Paraná, Brazil: 70 years of records with special reference to faunal composition of Vila Velha State Park. *Revista brasileira de Entomologia* 56(1): 59-66, 1 fig., 1 tab. (31 March; published online 29 March) [general]
- 2012b. Os Hesperiididae (Lepidoptera, Hesperioidea) da RPPN Klagesi, Santo Antônio do Tauá, Pará, Brasil: nova contribuição para o conhecimento da biodiversidade da área de endemismo Belém. *Acta amazonica* (Manaus) 42(2): 251-257, 2 tabs. (June) [general]
- Mielke, Olaf Hermann Hendrik, and José Cândido de Melo Carvalho**
1969. O comércio de asas de borboletas e o seu efeito sobre as espécies. *Ciência e Cultura* (São Paulo) 21(2): 455 (June) [abstract; general; Brazil]
- Mielke, Olaf Hermann Hendrik, and Mirna Martins Casagrande**
- 1985a. Sobre os tipos de Lepidoptera depositados em museus brasileiros. I. Papilionidae, Riodinidae, Hesperiididae e Arctiidae, descritos por R. F. d'Almeida. *Revista brasileira de Entomologia* (São Paulo) 29(2): 317-320, 5 figs. (28 November) [general]
- 1985b. Sobre os tipos de Lepidoptera depositados em museus brasileiros. II-Pieridae descritos por R. F. d'Almeida. *Revista brasileira de Entomologia* (São Paulo) 29(2): 321-329, 37 figs. (28 November) [general]
- 1986a. Sobre os tipos de Lepidoptera depositados em museus brasileiros. III-Nymphalidae (Danainae, Brassolinae, Morphinae, Satyrinae, Nymphalinae e Acraeinae), descritos por R. F. d'Almeida. *Revista brasileira de Entomologia* (São Paulo) 30(1): 141-152, 33 figs. (31 March) [general; Mexico, Guatemala, Colombia, Brazil]
- 1986b. Sobre os tipos de Lepidoptera depositados em museus brasileiros. IV. Nymphalidae (Ithomiinae) descritos por R. F. d'Almeida. *Revista brasileira de Entomologia* (São Paulo) 30(1): 153-161, 12 figs. (31 March) [general; South America]
- 1986c. Sobre os tipos de Lepidoptera depositados em museus brasileiros. V. Nymphalidae (Satyrinae), Saturniidae e Arctiidae, descritos por Paulo Gagarin. *Revista brasileira de Entomologia* (São Paulo) 30(2): 243-244, 4 figs. (31 July) [*Ristia tigrina* Gagarin; Brazil]
- 1986d. Sobre os tipos de Lepidoptera depositados em museus brasileiros. VII. Nymphalidae, Papilionidae e Saturniidae descritos por Edward May. *Revista brasileira de Entomologia* (São Paulo) 30(2): 261-264, 6 figs. (31 July) [*Morpho absoloni* May, *Agrias claudia roquettei* May, *Prepona meander* form *castorina* May, *Papilio kuhlmanni* May; Brazil]
- 1987a. Sobre os tipos de Lepidoptera depositados em museus brasileiros. VIII. Nymphalidae e Pieridae descritos por Victor de Miranda Ribeiro. *Revista brasileira de Entomologia* (São Paulo) 31(1): 19-23, 10 figs. (31 March) [general; Brazil]
- 1987b. Sobre os tipos de Lepidoptera depositados em museus brasileiros. IX. Papilionidae descritos por José Francisco Zikán. *Revista brasileira de Entomologia* (São Paulo) 31(1): 24-28, 14 figs. (31 March) [general; Brazil, Peru]
- 1987c. Sobre os tipos de Lepidoptera depositados em museus brasileiros. X. Pieridae descritos por José Francisco Zikán. *Revista brasileira de Entomologia* (São Paulo) 31(1): 29-34, 14 figs. (31 March) [general; Brazil]
- 1987d. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XI. Nymphalidae (Nymphalinae) descritos por José Francisco Zikán. *Revista brasileira de Entomologia* (São Paulo) 31(3): 399-403, 19 figs. (16 October) [general; Brazil, Peru, Colombia]
- 1987e. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XII. Nymphalidae (Danainae, Satyrinae e Charaxinae) descritos por José Francisco Zikán. *Revista brasileira de Entomologia* (São Paulo) 31(3): 404-407, 8 figs. (16 October) [general; Brazil, Peru]
- 1987f. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XIII. Nymphalidae (Ithomiinae) descritos por José Francisco Zikán. *Revista brasileira de Entomologia* (São Paulo) 31(3): 408-413, 10 figs. (16 October) [general; Brazil]
- 1987g. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XIV. Riodinidae descritos por José Francisco Zikán. *Revista brasileira de Entomologia* (São Paulo) 31(3): 414-419, 21 figs. (16 October) [general; Brazil]
- 1988a. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XVI. Hesperiididae, Satyridae, Lycaenidae, Riodinidae, Castniidae e Arctiidae descritos por Roberto Spitz. *Revista brasileira de Entomologia* (São Paulo) 32(1): 3-6, 10 figs. (31 March) [general; Brazil]
- 1988b. Sobre os tipos de Lepidoptera depositados em museus



- brasileiros. XVII. Pieridae descritos por S. de Toledo Piza Jr.; Nymphalidae e Lycaenidae por H. Ebert; Lycaenidae por M. Draudt e Pyralidae por R. V. Ihering. *Revista brasileira de Entomologia* (São Paulo) 32(1): 7-9, 6 figs. (31 March) [general; Brazil]
- 1988c. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XVIII. Nymphalidae descritos por A. H. Fassl e Nymphalidae e Castniidae por J. Roeber. *Revista brasileira de Entomologia* (São Paulo) 32(2): 107-109, 6 figs. (26 September) [general; Brazil, Bolivia]
- 1988d. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XIX. Papilionidae descritos por L. F. Clérat; Nymphalidae, Nymphalinae por O. Bang-Haas; Morphinae por L. S. Otero; Charaxinae por H. Rebel e Saturniidae por D. Mendes. *Revista brasileira de Entomologia* (São Paulo) 32(2): 111-114, 4 figs. (26 September) [*Papilio agavus* aberration *aurimaculatus* Clérat, *Catagramma klugi* Bang-Haas, *Morpho athena* Otero, *Anaeania* [sic] *zikani* Rebel; Brazil, Peru]
- 1988e. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XX. Pieridae descritos por C. M. Biezanko e H. Fruhstorfer e Hesperidae por K. T. [sic] Hayward. *Revista brasileira de Entomologia* (São Paulo) 32(2): 115-118, 12 figs. (26 September) [general; Brazil, Uruguay]
1990. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XXI. Papilionidae, Hesperidae e Pieridae descritos por F. Hoffmann; Nymphalidae (Brassolinae) por L. Travassos & E. May; Lycaenidae por M. Draudt (suplemento); Papilionidae por W. Niepelt; Noctuidae por C. M. Biezanko e Saturniidae e Apatelodidae por A. Mabilde. *Revista brasileira de Entomologia* (São Paulo) 34(4): 713-719, 7 figs. (30 December) [general]
1991. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XXII. Nymphalidae (Charaxinae) descritos por A. H. Fassl (suplemento) e Nymphalidae (Charaxinae), Papilionidae e Lycaenidae por M. Rosa. *Revista brasileira de Entomologia* (São Paulo) 35(1): 29-34, 8 figs. (31 March) [general]
1992. Lepidoptera: Papilionoidea e Hesperioidea coletados na Ilha de Maracá, Alto Alegre, Roraima, parte do Projeto Maracá, com uma lista complementar de Hesperidae de Roraima. *Acta amazonica* (Manaus) 21: 175-210, 9 figs. ("1991", July 1992) [general; new taxa: *Pythonides maraca*, *Vidius nostra roraimae*; Brazil]
- 1998a. Papilionoidea e Hesperioidea (Lepidoptera) do Parque Estadual do Morro do Diabo, Teodoro Sampaio, São Paulo, Brasil. *Revista brasileira de Zoologia* 14(4): 967-1001, 2 figs., 1 tab. (30 June) [general; new subspecies: *Zonia zonia diabo*]
- 1998b. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XXIII. Papilionidae, Pieridae e Nymphalidae (Morphinae, Nymphalinae) descritos por J. F. Zikán (suplemento) e Apatelodidae descritos por M. Draudt. *Revista brasileira de Zoologia* 15(4): 1069-1074, 5 figs. (30 December) [general; Brasil]
- 1998c. *Butterflies of the Ilha de Maracá*, pp. 355-359, 467-478, 4 figs. In: Milliken, W. & J. A. Ratter (Eds.), *Maracá. The Biodiversity and Environment of an Amazonian Rainforest*. Chichester, John Wiley & Sons [general; Brazil]
- 1999a. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XXIV - Nymphalidae (Heliconiinae) descrito por Benedicto Raymundo [da Silva]; (Charaxinae) por A. H. Fassl (suplemento); (Limenitidinae) por C. Fiedler; (Danainae) e Pieridae (Dismorphiinae, Coliadinae) por Romualdo Ferreira D'Almeida (suplemento). *Revista brasileira de Zoologia* 16(1): 139-144, 6 figs. (31 March) [general; Brazil]
- 1999b. Sobre os tipos de Lepidoptera depositados em museus brasileiros. XXV. Nymphalidae (Charaxinae) descrito por Mário Rosa (suplemento); Zygaenidae por A. M. da Costa Lima; Saturniidae (Hemileucinae) por A. Mabilde (suplemento), Castniidae por L. Pfeiffer e Arctiidae (Pericopinae) por Oscar Monte. *Revista brasileira de Zoologia* 16(supl. 1): 227-231, 5 figs. (30 April) [*Agrias narcissus* f. *clevelandiae* Rosa; Brazil]
2002. Notas taxonômicas em Hesperidae neotropicais, com descrições de novos taxa (Lepidoptera). *Revista brasileira de Zoologia* 19(Suplemento 1): 27-76, 33 figs. (30 July) [new taxa: *Sarbia curitiba*, *Carystus ploetzi*, *Zenis jebus beckeri*; new names: *Jongiana*, *Enosis schausi*; nomenclature; Neotropics]
2003. *Saniba* nom. nov. para *Sabina* Evans (Lepidoptera, Hesperidae, Hesperinae). *Revista brasileira de Zoologia* 20(4): 775 (31 December) [Brazil]
- 2004a. *Borboletas*, pp. 713-739, figs., maps. In: Mikich, S. B. & R. S. Bérnills (Eds.), *Livro vermelho da fauna ameaçada no Estado do Paraná*. Curitiba, Instituto Ambiental do Paraná. [general; conservation; Brazil]
- 2004b. Duas novas espécies de *Alera* Mabilde (Lepidoptera, Hesperidae, Hesperinae). *Revista brasileira de Zoologia* 21(4): 913-918, 28 figs. (31 December) [*A. romeroi*, *A. manu*; Venezuela, Brazil, Peru]
- 2005a. Errata. *Revista brasileira de Zoologia* 22(1): (loose sheet) (31 March) [*Alera romeroi* Mielke & Casagrande, *A. manu* Mielke & Casagrande]
- 2005b. *Dardarina angeloi* sp. n. do sudeste e sul do Brasil (Lepidoptera: Hesperidae). *Lundiana* 6(suplemento): 31-35, 24 figs. (4 November) [new subspecies: *D. a. angeloi*, *D. a. machadoi*]
2006. Catálogo bibliográfico dos taxa superiores da ordem Lepidoptera. *Revista brasileira de Zoologia* 23(1): 1-41, 2 tabs. (31 March) [general; nomenclature]
2007. *Parides klagesi* (Ehrmann) redescoberto no Brasil (Lepidoptera, Papilionidae, Troidini). *Revista brasileira de Entomologia* 51(2): 187-189, 4 figs. (30 June)
2011. Duas subespécies novas de *Myscelus pardalina* (C. Felder & R. Felder, 1867) (Lepidoptera: Hesperidae, Pyrrhopyginae). *Shilap* 39(153): 75-85, 31 figs. (30 March) [*M. p. kesselringi*, *M. p. yacutinga*; Neotropics]
2016. Novas espécies de *Iliana* Bell, 1937, incluindo novos sinônimos e notas taxonômicas, com a descrição de dois novos gêneros de Pyrgini (Lepidoptera: Hesperidae). *Shilap* 44(176): 557-581, 44 figs. (30 December) [*I. bolivianus*, *I. miersi*, *I. nirtoni*, *Austinus*, *Emmelus*; South America]
- Mielke, Olaf Hermann Hendrik, Mirna Martins Casagrande, Diego Rodrigo Dolibaina, Eduardo Carneiro, Fernando Maia Silva Dias and Luis Anderson Ribeiro Leite**  
[2012]c. *Borboletas (Hesperioidea e Papilionoidea) de Jaguariaíva, Paraná, Brasil: Inventário em um enclave de cerrado meridional*, pp. 295-308, 224 figs. In: Carpanezzi, O. T. B. & J. B. Campos (Eds.), *Coletânea de Pesquisas. Parques Estaduais de Vila Velha, Cerrado e Guartelá*. Curitiba, Instituto Ambiental do Paraná. ("December 2011", [November 2012]) [general]
- Mielke, Olaf Hermann Hendrik, Mirna Martins Casagrande and Carlos Guilherme Costa Mielke**  
2000. Um novo *Parides* do sul do Brasil (Lepidoptera: Papilionidae: Papilioninae: Troidini). *Tropical Lepidoptera* 10(2): 47-49, 8 figs. ("20", [22] November) [*P. tros danunciae*; host plant; behavior]
- Mielke, Olaf Hermann Hendrik, Eduardo de Oliveira Emery and Carlos Eduardo Guimarães Pinheiro**

2008. As borboletas HesperIIDae (Lepidoptera, Hesperioidea) do Distrito Federal, Brasil. *Revista brasileira de Entomologia* 52(2): 283-288, 3 tabs. (30 June) [general]
- Mielke, Olaf Hermann Hendrik, Carlos Guilherme Costa Mielke and Mirna Martins Casagrande**
2004. *Parides panthonus jaguarae* (Foetterle) (Lepidoptera: Papilionidae) redescoberto em Minas Gerais, Brasil: sua identidade. *Revista brasileira de Zoologia* 21(1): 9-12, 11 figs. (31 March) [*Parides burchellanus* (Westwood); host plant; behavior]
- Mielke, Olaf Hermann Hendrik, and Heinz G. Schroeder**
1994. Die Typen und Typoide des Natur-Museums Senckenberg, 82: Insecta: Lepidoptera: HesperIIDae. Von M. Draudt aus der Neotropis beschriebene Arten. *Senckenbergiana biologica* 73(1/2): 135-158, 46 figs. (15 April) [general]
- Mielke, Olaf Hermann Hendrik, and Andrew David Warren**
2004. The identity of *Eudamus valeriana* Plötz (Lepidoptera, HesperIIDae, Pyrginae). *Revista brasileira de Zoologia* 21(2): 307-308, 2 figs. (30 June) [Mexico]
- Mielke, Olaf Hermann Hendrik, Alfredo Hannemann Wieloch, Angelo Barbosa Monteiro Machado, Arno Lise, Eduardo Osório Sisalpino, Geraldo Wilson Fernandes, Gilberto Righi, Keith Spalding Brown, Jr., Lúcio Antônio de Oliveira Campos, Mário de Maria, Mirna Martins Casagrande and Paulo de Marco, Jr.**
1997. Insecta, pp. 23, 47-50. In: Lins, L. V., A. B. M. Machado, C. M. R. Costa & G. Herrmann (Eds.), Roteiro metodológico para elaboração de listas de espécies ameaçadas de extinção (contendo a lista oficial da fauna ameaçada de extinção de Minas Gerais). *Publicações avulsas da Fundação Biodiversitas* (Belo Horizonte) 1: i-x, 1-50, 2 tabs., 1 map (June) [general; Brazil]
- Miglioli, Sandro**
1977. Cronaca di un viaggio in Amazonia a caccia di insetti. *Rivista entomologica* (Bologna) 2(3/4): 8-14, figs. (May-August) [general; Brazil]
- Miguel, Viridiana Johaly**
2014. See Bolaños, S. I. et al., 2014.
- Mikán, Johann Christian** [1769-1844]
- 1820-25. *Delectus florae et faunae brasiliensis jussu et auspiciis Francisci I. Austriae imperatoris investigatae*. Vindobonae, Typis Antonii Strauss. (1): [6] pp., pls. [1]-[6] (late 1820); (2): [6] pp., pls. [7]-[12] (mid 1822); (3): [6] pp., pls. [13]-[18] (July-October 1823); (4): [6] pp., pls. [19]-[24] (1825) [new species: *Hamadryas (Morpho) reinwardti*]
- Mikhail, Andrew, John E. Lewis and Jayne E. Yack**
2018. What does a butterfly hear? Physiological characterization of auditory afferents in *Morpho peleides* (Nymphalidae). *Journal of comparative Physiology (A)* 204(9/10): 791-799, 5 figs., 1 tab. (October; published online 29 August) [morphology]
- Milano, Emilio**
2009. See Rodríguez, G. et al., 2009.
- Milberg, Per**
2013. See Pardonnet, S. et al., 2013.
- Milcharek, Oscar**
2014. See Thiele, S. C. et al., 2014.
- Milder, Jeffrey C., Fabrice A. J. DeClerck, Andre Sanfiorenzo, Dalia Merlo, Diego Enrique Tobar and Benjamin Zuckerberg**
2010. Effects of farm and landscape management on bird and butterfly conservation in western Honduras. *Ecosphere* 1(1)(2): 1-22, 5 figs., 7 tabs. (30 July) [general]
- Milhomen, Maria de Souza, Helena Castanheira de Morais, Ivone Rezende Diniz and John Du Vall Hay**
1997. *Espécies de lagartas em Erythroxylum spp. (Erythroxylaceae) em um cerrado de Brasília*, pp. 107-111, 1 fig., 2 tabs. In: Leite, L. L. & C. H. Saito (Eds.), *Contribuição ao conhecimento ecológico do cerrado - Trabalhos selecionados do 3º Congresso de Ecologia do Brasil*. Brasília, Universidade de Brasília. [*Emesis russula* Stichel; host plant; Brazil]
- Milius, Susan**
1993. The ups and downs of butterfly wings. *International Wildlife* 23(3): 36-37, figs. ([April]) [general]
- Millán, Carolina, Simone Silva Borges, Daniela Rodrigues and Gilson Rudinei Pires Moreira**
2013. Behavioral and life-history evidence for interspecific competition in the larvae of two heliconian butterflies. *Naturwissenschaften* 100(10): 901-911, 7 figs., 2 tabs. (October; published online 16 August) [*Heliconius erato* (Linnaeus), *Dryas iulia* (Fabricius); host plants; Brazil]
- Millán, Carolina, Patricia Chacón and Germán Corredor**
2010. Desarrollo, longevidad y oviposición de *Heliconius charithonia* (Lepidoptera: Nymphalidae) en dos especies de *Passiflora*. *Revista colombiana de Entomología* 36(1): 158-164, 3 figs., 4 tabs. (June) [host plants; Colombia]
- Millán, Carolina, Patricia Chacón and Alan Giraldo**
2009. Estudio de la comunidad de lepidópteros diurnos en zonas naturales y sistemas productivos del Municipio de Caloto (Cauca, Colombia). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 185-195, 1 fig., 4 tabs. (after 10 July) [general; ecology]
- Millán, Carolina, Rodrigo Fornel and Gilson Rudinei Pires Moreira**
2018. Plasticidad fenotípica en mandíbulas de *Heliconius erato* (Lepidoptera: Nymphalidae) inducida por diferentes plantas hospederas (Passifloraceae). *Revista colombiana de Entomología* 44(2): 273-282, 6 figs., 6 tabs. (31 December) [Brazil; morphology; host plants]
- Millán, Miguel**
1975. See Haddad, O. & M. Millán, 1975.
- Millar, Ian**
1990. Costa Rica. *Bulletin of the amateur Entomologists' Society* 49(370): 121-122 (June) [general]
- Miller, Hollman**
2013. See Rodríguez, G. & H. Miller, 2013.
- Miller, Jacob**
2004. See Brower, L. P. et al., 2004.
- Miller, Jacqueline Yvonne** [1944- ]
- 1970a. See Miller, L. D. & J. Y. Miller, 1970a.
- 1970b. See Miller, L. D. & J. Y. Miller, 1970b.
1971. The head capsule of selected Hesperioidea. *Journal of Research on the Lepidoptera* 9(4): 193-214, 47 figs. ([before 13 December]) [general; morphology]
- 1972a. See Miller, L. D. & J. Y. Miller, 1972a.
- 1972b. See Miller, L. D. & J. Y. Miller, 1972b.
1976. See Miller, L. D. & J. Y. Miller, 1976.
1979. Butterflies. Text by Jo Brewer, photographs by Kjell B. Sandved. *Journal of the Lepidopterists' Society* 33(1): 55 (4 June) [book review]
1980. Studies in the Castniidae. III. *Mirocastnia*. *Bulletin of the Allyn Museum* 60: 1-15, 20 figs. (9 December) [*Pedaliodes, Argyrogrammana*, HesperIIDae; Panama]
1985. See Schwartz, A. & J. Y. Miller, 1985.
1988. See Miller, L. D. & J. Y. Miller, 1988.
1989. See Miller, L. D. & J. Y. Miller, 1989.
- 1990a. See Steinhauser, S. R. et al., 1990.
- 1990b. See Miller, L. D. & J. Y. Miller, 1990.
- 1991a. See Smith, D. S. et al., 1991.
- 1991b. Presidential address, 1990: The age of discovery -

- Lepidoptera in the West Indies. *Journal of the Lepidopterists' Society* 45(1): 1-10, 1 tab. (14 August) [general; history; biogeography]
- 1992a. See Turner, T. W. & J. Y. Miller, 1992.
- 1992b. *The common names of North American butterflies*. Washington, D.C., Smithsonian Institution Press. ix + 177 pp., 1 map. [general]
- 1994a. Behavior in butterflies as a means of conservation: Comparison of insular and continental fauna. *Florida Entomologist* 77(1): 74-84, 28 figs. (11 April) [general]
- 1994b. See Smith, D. S. et al., 1994.
- 1997a. Malcolm, S. B., and M. P. Zalucki (eds.). 1993. Biology and Conservation of the Monarch Butterfly. *Florida Entomologist* 80(3): 416-418 (15 October) [*Danaus plexippus* (Linnaeus); book review]
- 1997b. See Miller, L. D. & J. Y. Miller, 1997.
1998. See Hernández, L. R. et al., 1998.
1999. See Debrot, A. O. et al., 1999.
2003. See Viloría, Á. L. et al., 2003.
2004. See Debrot, A. O. & J. Y. Miller, 2004.
2007. See Austin, G. T. et al., 2007a.
2008. See Viloría, Á. L. et al., 2008.
2009. See Janzen, D. H. et al., 2009.
2010. Lee Denmark Miller (1935-2008): His life and a brief history of the Allyn Museum of Entomology. *Journal of the Lepidopterists' Society* 64(1): 38-49, 6 figs. (13 April) [general; Neotropics]
2012. See Matthews, D. L. et al., 2012.
2014. See Matos, P. F. et al., 2014.
2015. See Nakahara, S. et al., 2015c.
2017. See Steinhauser, S. R. et al., 2017.
- 2018a. See Warren, A. D. et al., 2018.
- 2018b. See Matthews, D. L. et al., 2018.
- 2019a. See Espeland, M. et al., 2019.
- 2019b. See Martínez, J. U. I. et al., 2019.
- Miller, Jacqueline Yvonne, Adolphe Oscar Debrot and Lee Denmark Miller**
2003. A survey of butterflies from Aruba and Bonaire and new records for Curaçao. *Caribbean Journal of Science* 39(2): 170-175, 1 fig., 1 tab. (August) [general; host plants]
- Miller, Jacqueline Yvonne, Deborah L. Matthews, Mark J. Simon and Richard M. Rozycki**
2015. Review and comments on the current status of *Choranthus richmondi* L. Miller (Lepidoptera: Hesperidae) in the Bahamas. *Insecta Mundi* 414: 1-9, 15 figs. (3 April) [morphology; distribution]
- Miller, Jacqueline Yvonne, Deborah L. Matthews and Andrew David Warren**
2018. A checkered history: distribution of *Pyrgus* Hübner species in the Bahamas, including the first Caribbean records of *Pyrgus albescens* Plötz (Lepidoptera: Hesperidae). *Insecta Mundi* 635: 1-9, 9 figs. (29 June)
- Miller, Jacqueline Yvonne, Deborah L. Matthews, Andrew David Warren, María Alma Solís, Donald James Harvey, Patricia Gentili-Poole, Robert Lehman, Thomas Chadbourne Emmel and Charles Van Orden Covell, Jr.**
2012. An annotated list of the Lepidoptera of Honduras. *Insecta Mundi* 205: 1-72, 36 figs., 1 map. (29 February) [general]
- Miller, Jacqueline Yvonne, and Lee Denmark Miller**
1979. Notes on Mexican *Actinote* (Nymphalidae: Acraeinae) and their relatives, with description of a new subspecies. *Journal of the Lepidopterists' Society* 32(4): 261-272, 24 figs. (28 February) [*A. stratonice oaxaca*; El Salvador, Guatemala, Costa Rica, Panama, Colombia, Ecuador, Peru, Venezuela]
2001. *The biogeography of the West Indian butterflies (Lepidoptera): An application of a vicariance/dispersalist model*, pp. 127-156, 9 figs., 1 tab. In: Woods, C. A. & F. E. Sergile (Eds.), *Biogeography of the West Indies. Patterns and perspectives. Second edition*. Boca Raton, CRC Press. [general]
2004. *The butterfly handbook*. New York, Barron's Educational Series, Inc. 256 pp., figs. [general]
- Miller, Jacqueline Yvonne, Lee Denmark Miller, Tomasz Wilhelm Pyrcz and Ángel Luis Viloría**
2004. *Descriptions of new genera. Nymphalidae: Satyrinae*, pp. 283-285. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [*Apexacuta* Pyrcz, *Druphila* Pyrcz, *Foetterleia* Viloría, *Neopedaliodes* Viloría, L.D. Miller & J.Y. Miller; *Ianussiusa* Pyrcz & Viloría, *Taygetomorpha* L.D. Miller]
- Miller, James Stuart [1953- ]**
- 1987a. Host-plant relationships in the Papilionidae (Lepidoptera): parallel cladogenesis or colonization? *Cladistics* 3(2): 105-120, 5 figs., 3 tabs. (June) [general; coevolution]
- 1987b. See Weintraub, J. D. & J. S. Miller, 1987.
- 1987c. Phylogenetic studies in the Papilioninae (Lepidoptera: Papilionidae). *Bulletin of the American Museum of Natural History* 186(4): 365-512, 186 figs., 6 tabs. (9 December) [general]
1988. A response to Scoble's response to Weintraub and Miller's review of Scoble (1986). *Cladistics* 4(1): 97-98 (March) [general; phylogeny]
1996. Phylogeny of the Neotropical moth tribe Josiini (Notodontidae: Diopinae): a hidden case of Müllerian mimicry. *Zoological Journal of the Linnean Society* 118(1): 1-45, 23 figs., 4 tabs. ([23] September) [*Mesenopsis melanochlora* Godman & Salvin, Heliconiinae; North and South America]
2009. See Janzen, D. H. et al., 2009.
- Miller, James Stuart, and Lee A. Dyer**
2009. Special feature: Diversity of insect-plant interactions in the eastern Andes of Ecuador. *Journal of Insect Science* 9(26): 1-3 (2 June) [general]
- Miller, James Stuart, and Paul P. Feeny**
1989. Interspecific differences among swallowtail larvae (Lepidoptera: Papilionidae) in susceptibility to aristolochic acids and berberine. *Ecological Entomology* 14(3): 287-296, 5 figs., 2 tabs. (August) [*Parides bunichus* (Hübner); host plant; Brazil]
- Miller, James Stuart, and Jon W. Wenzel**
1995. Ecological characters and phylogeny. *Annual Review of Entomology* 40: 389-415, 1 fig. [general]
- Miller, Jeffrey C., Daniel Hunt Janzen and Winifred D. Hallwachs**
2006. *100 caterpillars. Portraits from the tropical forests of Costa Rica*. Cambridge, The Belknap Press of Harvard University Press. [viii] + 264 pp., figs. [general; host plants]
2007. *100 butterflies and moths. Portraits from the tropical forests of Costa Rica*. Cambridge, Massachusetts, The Belknap Press of Harvard University Press. [viii] + 256 pp., figs. [general; host plants; behavior]
- Miller, John Frederick [ca. 1745-ca. 1796]**
- 1776-85. [*Various subjects of Natural History wherein are delineated birds, animals and many curious plants, &c.*] London. 10 pp., 60 pls. [an earlier edition of G. Shaw's *Cimelia physica...* (1796), q.v.; issued in 10 parts, each

- with 1 p. of text and 6 pls., as follows: 1 (1776), 2 (1776), 3 (1777), 4 (1777 or 1778), 5 (1779 or 1780), 6 (1782), 7 (1782), 8 (1783), 9 (1784), 10 (1785)] [*Heliconius*]
- Miller, Lee Denmar** [1935-2008]
1965. Systematics and zoogeography of the genus *Phanus* (Hesperiidae). *Journal of Research on the Lepidoptera* 4(2): 115-130, 26 figs. ("June", [16 November]) [general; new taxa: *P. obscurior prestoni*, *P. australis*; phylogeny; Neotropics]
- [1966]a. A review of the West Indian *Choranthus*. *Journal of Research on the Lepidoptera* 4(4): 259-274, 27 figs. ("December 1965", [before 26 July 1966]) [general; new taxa: *C. richmondi*, *Parachoranthus*; zoogeography]
- 1966b. A new *Staphylus* from Costa Rica (Lepidoptera: Hesperidae). *Entomological News* 77(10): 261-264, 3 figs. (8 December) [*S. esmeraldus*]
1967. See Monroe, R. S. & L. D. Miller
1968. The higher classification, phylogeny and zoogeography of the Satyridae (Lepidoptera). *Memoirs of the american entomological Society* 24: [6] + iii + 174 pp., 327 figs., 7 tabs. (22 October) [general; new tribes: Antirrhini, Euptychiini; Neotropics]
- [1969]. On Mexican Satyridae, with description of a new species. *Journal of Research on the Lepidoptera* 7(1): 51-55, 5 figs. ("March 1968", [before 15 September 1969]) [*Cyllopsis dospassos*]
- 1970a. Two new Mexican Hesperidae. *Journal of the Lepidopterists' Society* 24(2): 120-124, 8 figs. (29 May) [*Vinius freemani*, *Virga clenchi*]
- 1970b. Reports on the Margaret M. Cary - Carnegie Museum Expedition to Baja California, Mexico, 1961. 7. The family Hesperidae (Lepidoptera). *Annals of the Carnegie Museum* 41(5): 169-200, 7 figs. (25 September) [general; zoogeography]
1972. Revision of the Euptychiini (Satyridae). 1. Introduction and *Paramacera* Butler. *Bulletin of the Allyn Museum* 8: 1-18, 29 figs. (6 November) [general; new taxa: *P. chinanteca*, *P. copiosa*, *P. xicaque rubrosuffusa*, *P. allyni*; Mexico]
- 1974a. Revision of the Euptychiini (Satyridae). 2. *Cyllopsis* R. Felder. *Bulletin of the Allyn Museum* 20: 1-98, 228 figs. (22 July) [general; new taxa: *C. hedemanni tamaulipensis*, *C. jacquelineae*, *C. steihauserorum*, *C. guatemalena*, *C. diazi*, *C. Schausi*, *C. pallens*, *C. parvimaculata*, *C. suivalenoides*, *C. suivalens escalantei*, *C. pyracmon nabokovi*, *C. henshawi*, *C. pertepida intermedia*, *C. windi*, *C. perplexa*; Mexico, Central America]
- 1974b. Comment in support of a proposal by N. D. Riley and L. G. Higgins on *Papilio actaeon* Von Rottemburg, 1775. *Bulletin of zoological Nomenclature* 31(3): 104-105 (20 September) [general]
- 1975a. See Emmel, T. C. et al., 1975.
- 1975b. [A letter]. In: Threatened status for two butterflies? *Field Museum of natural History Bulletin* 46(8): 2, 15-18, 22-23, figs. (September) [general; Mexico, Bahamas, Cuba; conservation]
- 1975c. Butterfly conservation: the right way, the wrong way, the government way. *Insect World Digest* 2(5): 2-9, figs. (September-October) [general; Mexico, Bahamas, Cuba]
1976. Revision of the Euptychiini (Satyridae). 3. *Megisto* Hübner. *Bulletin of the Allyn Museum* 33: 1-23, 43 figs., 1 tab. (17 February) [general; new subspecies: *M. rubricata pseudocleophes*, *M. r. anabelae*; Mexico, Guatemala]
1977. See Steinhauser, S. R. & L. D. Miller, 1977.
- 1978a. Notes and descriptions of Euptychiini (Lepidoptera, Satyridae) from the Mexican region. *Journal of the Lepidopterists' Society* 32(2): 75-85, 20 figs. (19 July) [new taxa: *Taygetis mermeria griseomarginata*, *Splendeup-tychia kendalli*, *Cyllopsis wellingi*; Panama, Belize]
- 1978b. Revision of the Euptychiini (Satyridae). 4. *Pindis* R. Felder. *Bulletin of the Allyn Museum* 50: 1-12, 43 figs., 1 tab. (6 December) [Mexico, Guatemala, El Salvador]
1979. See Miller, J. Y. & L. D. Miller, 1979.
1980. A review of the *Erora laeta* group, with description of a new species (Lycaenidae). *Journal of the Lepidopterists' Society* 34(2): 209-216, 7 figs. (23 September) [*E. caudata*; Mexico]
1981. Present and future trends and needs in rhopaloceran systematic research. *Simposia y Conferencias. IV Congreso latinoamericano de Entomología* (Maracay), pp. D29-D38 (5 July) [general]
- 1985a. A review of the genus *Ebusus* Evans (Lepidoptera: Hesperidae), with the description of a new subspecies from Mexico. *Insecta Mundi* 1(1): 43-45, 10 figs. ("January", [12 March]) [*E. ebusus nigrior*; Central and South America]
- 1985b. Lepidoptera: Hesperidae. Notes on species-group names, by Charles A. Bridges. *Journal of the Lepidopterists' Society* 39(1): 51 (16 October) [book review; general]
- 1986a. The relationship between *Pedaliodes perperna* and *petronius* (Satyridae), with the description of a new subspecies. *Journal of the Lepidopterists' Society* 39(3): 187-195, 16 figs. (13 May) [general; *P. petronius kerrianna*]
- 1986b. See Simon, M. K. & L. D. Miller, 1986.
- 1986c. Presidential address, 1984: A tribute to the amateur. *Journal of the Lepidopterists' Society* 40(1): 1-7 (9 October) [general]
- 1986d. Milkweed butterflies, by P. R. Ackery and R. I. Vane-Wright. *Journal of the Lepidopterists' Society* 40(1): 72-73 (9 October) [book review; Danainae]
1987. A new subspecies of *Heraclides aristodemus* from Crooked Island, Bahamas, with a discussion of the distribution of the species. *Bulletin of the Allyn Museum* 113: 1-8, 10 figs. (20 October) [*H. a. majas*]
1988. See Smith, D. S. et al., 1988.
- 1990a. See Steinhauser, S. R. et al., 1990.
- 1990b. Mariposas Mexicanas, by Roberto de la Maza Ramírez (with technical assistance from Javier de la Maza E., in Spanish). 1987. *Journal of the Lepidopterists' Society* 44(2): 101-102 (2 November) [general; book review]
- 1991a. A new species of *Lymanopoda* from southern Ecuador (Lepidoptera, Satyridae, Pronophilini). *Deutsche entomologische Zeitschrift* (N.F.) 38(1/3): 103-107, 1 pl., 2 figs. (29 April) [*L. hannemanni*; biogeography]
- 1991b. See Johnson, K. D. & L. D. Miller, 1991.
- 1991c. See Smith, D. S., L. D. Miller & F. McKenzie, 1991.
- 1992a. See Johnson, K. D. & L. D. Miller, 1992.
- 1992b. See Johnson, K. D. et al., 1992.
1994. See Smith, D. S. et al., 1994.
1998. See Hernández, L. R. et al., 1998.
1999. See Debrot, A. O. et al., 1999.
2001. See Miller, J. Y. & L. D. Miller, 2001.
- 2003a. See Viloría, Á. L. et al., 2003.
- 2003b. See Miller, J. Y. et al., 2003.
- 2004a. See Miller, J. Y. et al., 2004.
- 2004b. See Miller, J. Y. & L. D. Miller, 2004.
2007. See Austin, G. T. et al., 2007a.
2008. See Viloría, Á. L. et al., 2008.
2009. See Janzen, D. H. et al., 2009.
- Miller, Lee Denmar, and Frederick Martin Brown**
1975. Notes on the rare Mexican pierid *Prestonia clarki* (Pieridae). *Journal of the Lepidopterists' Society* 29(4): 256-258, 5 figs. (24 November) [classification]

1979. Studies in the Lycaeninae (Lycaenidae). 4. The higher classification of the American Coppers. *Bulletin of the Allyn Museum* 51: 1-30, 67 figs. (20 March) [new genera: *Hylolycaena*, *Hermelycaena*]
1981. A catalogue/checklist of the butterflies of America north of Mexico. *Memoir. The Lepidopterists' Society* 2: vii + 280 pp. [general; Mexico, West Indies]
1983. Butterfly taxonomy: a reply. *Journal of Research on the Lepidoptera* 20(4): 193-198 (15 April) [general]
- Miller, Lee Denmark, and Harry Kendon Clench**
1968. Some aspects of mating behavior in butterflies. *Journal of the Lepidopterists' Society* 22(3): 125-132, 1 fig. (20 August) [general; Mexico, Costa Rica]
- Miller, Lee Denmark, and Thomas Chadbourne Emmel**
1971. The Brazilian "Cercyonis" (Satyridae). *Journal of the Lepidopterists' Society* 25(1): 12-19, 21 figs. (23 February) [general; new genera: *Cercyeuptychia*, *Pseudocercyonis*; ecology]
- Miller, Lee Denmark, and Gerardo Lamas**
1999. A new *Taygetis* from subandean eastern Peru and western Brazil (Lepidoptera: Nymphalidae, Satyrinae). *Revista peruana de Entomología* 41: 31-35, 6 figs. (20 October) [*T. inambari*]
- Miller, Lee Denmark, and Charles Donald MacNeill**
1969. Reports on the Margaret M. Cary - Carnegie Museum Expedition to Baja California, Mexico, 1961. 5. Two new subspecies of Hesperidae (Lepidoptera) from the Cape Region, Baja California Sur, Mexico. *Annals of the Carnegie Museum* 41(2): 19-24, 8 figs. (31 December) [*Cogia hippalus peninsularis*, *Polites sabuleti margaretae*]
- Miller, Lee Denmark, and Javier de la Maza**
1984. Notes on *Cyllopsis*, especially from Mexico, with description of a new species (Lepidoptera: Satyridae). *Bulletin of the Allyn Museum* 88: 1-7, 7 figs. (16 May) [*C. whiteorum*; Costa Rica, Panama]
- Miller, Lee Denmark, and Jacqueline Yvonne Miller**
- 1970a. *Pieris protodice* and *Urbanus dorantes* in Southern Florida. *Journal of the Lepidopterists' Society* 24(4): 244-247 (16 November) [Mexico, Cuba]
- 1970b. Notes on two rare Mexican *Adelpha* and related Central American species (Nymphalidae). *Journal of the Lepidopterists' Society* 24(4): 292-297, 12 figs. (16 November) [general; ecology; behavior]
- 1972a. A new riodinid from northern Argentina (Riodinidae). *Bulletin of the Allyn Museum* 4: 1-5, 11 figs. (26 May) [*Eiseleia pichanalensis*]
- 1972b. New high-altitude Hesperinae from Mexico and Ecuador (Hesperiidae). *Bulletin of the Allyn Museum* 7: 1-9, 18 figs. (6 November) [*Dalla roeveri*, *Nylla* (new genus) *cordillera*, *N. allynorum*, *Paratrytone capta*, *P. decepta*]
1976. Notes and descriptions on Mexican Charaxinae (Nymphalidae). *Bulletin of the Allyn Museum* 41: 1-15, pls. 1-2, 14 figs. (10 November) [general; new taxa: *Prepona* (*Prepona*) *brooksiana diazana*, *Anaea* (*Memphis*) *wellingi*]
1988. A new *Euptychia* species from northwestern Mexico (Satyridae). *Journal of the Lepidopterists' Society* 42(4): 276-280, 9 figs. (6 December) [*E. rubrofasciata*; mimicry]
1989. *The biogeography of West Indian butterflies (Lepidoptera: Papilionoidea, Hesperioidea): A vicariance model*, pp. 229-262, 9 figs., 2 tabs. In: Woods, C. A. (Ed.), *Biogeography of the West Indies. Past, present and future*. Gainesville, Sandhill Crane Press. [general]
1990. Nearctic *Aglais* and *Nymphalis* (Lepidoptera, Nymphalidae): Laurasia revisited? *Entomologist* 109(2): 106-115, 17 figs. (April) [*N. antiopa* (Linnaeus), *N. cyanomelas* (Doubleday); biogeography; taxonomy; México, Guatemala, El Salvador]
1997. Gondwanan butterflies: The Africa-South America connection. *Metamorphosis, Supplement* 3: 42-51, 6 figs. (December) [general; biogeography]
- Miller, Lee Denmark, and Stanley Svenson Nicolay**
1971. Two new Charaxinae from Panama and the Canal Zone (Nymphalidae). *Bulletin of the Allyn Museum* 1: 1-5, 2 pls., 2 figs. (19 November) [*Agrias zenodorus smalli*, *Anaea kingi*]
- Miller, Lee Denmark, and Bernard Rotger**
1979. Two new *Chlosyne* (Nymphalidae) from Mexico. *Bulletin of the Allyn Museum* 54: 1-4, 8 figs. (27 September) [*C. gaudialis wellingi*, *C. mazarum*]
- Miller, Lee Denmark, and Mark J. Simon**
1997. New and notable records of Bahamian butterflies. *Bahamas Journal of Science* 4(3): 20-23, 10 figs. (June) [*Ministrymon azia* (Hewitson), *Wallengrenia misera* (Lucas), *Cymaenes tripunctus tripunctus* (Herrich-Schäffer), *Battus devilliers* (Godart), *Eurema laeae* (Herrich-Schäffer), *Parachoranthus magdalia* (Herrich-Schäffer)]
- 1998a. A preliminary annotated list of the butterflies (Lepidoptera: Rhopalocera) of Cat Island, Bahamas. *Bahamas Journal of Science* 6(1): 35-42, 2 figs. (November) [general]
- 1998b. Rediscovery of the rare, "endemic" Cuban butterfly, *Achlyodes munroei*, with notes on its behavior and possible origin. *Caribbean Journal of Science* 34(3/4): 327-329, 2 figs. (December) [Bahamas]
- Miller, Lee Denmark, Mark J. Simon and Donald James Harvey**
1992. The butterflies (Insecta: Lepidoptera) of Crooked, Acklins and Mayaguana Islands, Bahamas, with a discussion of the biogeographical affinities of the Southern Bahamas and description of a new subspecies by H. K. Clench. *Annals of Carnegie Museum* 61(1): 1-31, 27 figs., 1 tab. (28 February) [new subspecies: *Memphis intermedia venus*, *M. i. mayaguanae*, *Hemiargus thomasi clenchi*, *Eurema chamberlaini clenchi*, *Strymon acis leucosticha*]
- Miller, Lee Denmark, and Stephen Rogers Steinhauser**
1992. Butterflies of the Cayman Islands, with the description of a new subspecies. *Journal of the Lepidopterists' Society* 46(2): 119-127, 8 figs., 1 tab. (20 August) [general; *Dryas iulia zoe*]
- Miller, Lee Denmark, and Pierre Edmond Léon Viette**
1982. A review of Eugène Le Moutt's names of *Helicopsis* (Lepidoptera: Riodonidae). *Bulletin of the Allyn Museum* 77: 1-17 (27 December) [general]
- Miller, Michael A.**
2011. See Back, W. et al., 2011.
- Miller, Nathan G.**
2013. See Hanley, D. et al., 2013.
- Miller, Scott Everett [1959- ]**
1981. See Hogue, C. L. & S. E. Miller, 1981.
2003. See Basset, Y. et al., 2003.
2009. See Janzen, D. H. et al., 2009.
2011. See Basset, Y. et al., 2011.
2012. See Smith, M. A. et al., 2012.
2013. See Basset, Y. et al., 2013.
- Miller, Scott Everett, and Richard A. Lutman**
2010. New butterfly records from Guana Island, British Virgin Islands (Lepidoptera, Nymphalidae). *Florida Entomologist* 93(4): 642-643 (December) [*Anaea astina* (Fabricius), *Anartia jatrophae* (Linnaeus)]
- Miller, William H.**
1970. See Bernard, G. D. & W. H. Miller, 1970.
- Miller, William H., and Gary Dale Bernard**
1968. Butterfly glow. *Journal of Ultrastructure Research* 24: 286-294 [*Euptychia*, *Anartia*; ophthalmology]

- Millett, J.**  
2014. See Churchyard, T. et al., 2014.
- Millière, Pierre** [1811-1887]  
1886. Notes entomologiques (N. 3). *Naturalista siciliano* 5: 241-245 (1 August) [*Papilio cinyras* Cramer]
- Milne, Lorus Johnson** [1910-1987]  
1983. See Line, L. et al., 1983.
- Milne, Margery Joan Greene** [1914- ]  
1983. See Line, L. et al., 1983.
- Milne Edwards, Henri** [1800-1885]  
1828a. *Tome Second. Histoire naturelle des Insectes, contenant l'esquisse de l'organisation, des caractères, des mœurs, et de la description de ces animaux, précédée d'une introduction historique, et suivie d'une biographie, d'une bibliographie et d'un vocabulaire; complétée par une iconographie de 48 planches.* In: Audouin, J. V. & H. Milne Edwards, *Résumé d'Entomologie, ou d'Histoire Naturelle des Animaux Articulés*. Paris, Bureau de l'Encyclopédie Portative. viii + 260 + [1] pp. [6 December] [general]  
1828b. *Iconographie des Insectes, ou collection de figures représentant les insectes qui peuvent servir de types pour chaque famille, avec des détails anatomiques, dessinées sur pierre; accompagnée d'une explication des planches.* Paris, Bureau de l'Encyclopédie Portative. [iv] + 32 pp., 48 pls. [6 December] [general]  
1829. *Deuxième Division. Histoire naturelle des Insectes, contenant l'esquisse de l'organisation, des caractères, des mœurs, et de la description de ces animaux; précédée d'une introduction historique, et suivie d'une biographie, d'une bibliographie et d'un vocabulaire. Ouvrage complété par une iconographie des insectes, ou collection de figures représentant les insectes qui peuvent servir de types, avec des détails anatomiques; dessinées sur pierres, accompagnée d'une explication des planches.* In: Audouin, J. V. & H. Milne Edwards, *Précis d'Entomologie ou d'Histoire Naturelle des Animaux Articulés*. Paris, Bureau de l'Encyclopédie Portative. 76 pp., 48 pls. [general]  
1845. Plate 143. In: *Les Insectes*, vol. 2(34). In: Cuvier, G., 1836-1849, *Le Règne Animal, distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux, et d'introduction à l'anatomie comparée*. Paris, Fortin, Masson et Cie. (July) [3rd. ("Disciples") Edition] [Riodininae, Lycaenidae]
- Milner, Richard**  
1999. Nose wings. *Natural History* (New York) 108(7): 84-85, 1 fig. (September) [*Dryadula phaetusa* (Linnaeus): behavior; Brazil]
- Milward-de-Azevedo, Michaele Alvim**  
2017. See Silva, E. O. et al., 2017.
- Minet, Joël**  
1986. Ebauche d'une classification moderne de l'ordre des Lépidoptères. *Alexanor* 14(7/8): 291-313 (July-December) [general]  
1991. Tentative reconstruction of the ditrysian phylogeny (Lepidoptera: Glossata). *Entomologica scandinavica* 22(1): 69-95, 55 figs. (April) [general]  
2011. See Nieukerken, E. J. van et al., 2011.
- Minet, Joël, and Annemarie Surlykke**  
2003. *Auditory and sound producing organs*, pp. 289-323, 15 figs. In: Kristensen, N. P. (Ed.), *Lepidoptera, moths and butterflies*. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]
- Minet, Joël, and Paul Thiaucourt**  
2018. The scientific publications of Pierre Viette: a chronological list. *Antenor* 5(1): 7-36, figs. ("May", 15 June) [general; bibliography]
- Minno, Marc C.**  
1990. A new species of *Choranthus* from Hispaniola (Lepidoptera: Hesperidae). *Tropical Lepidoptera* 1(2): 55-58, 2 figs. ([31] December) [*C. maria*]  
2000. See Glassberg, J. et al., 2000.  
2007. See Hall, D. W. et al., 2007.  
2015. See Fernández, D. M. & M. C. Minno, 2015.  
2019. See Núñez, R. et al., 2019.
- Minno, Marc C., and Thomas Chadbourne Emmel**  
1993. *Butterflies of the Florida Keys*. Gainesville, Scientific Publishers. viii + 168 pp., 29 pls., 53 figs., 5 tabs. [general; West Indies]
- Miotto, Silvia Teresinha Sfoggia**  
2008. See Pinheiro, M. et al., 2008.
- Miranda, Aline Vieira**  
2018. See Passos, G. de A. G. et al., 2018.
- Miranda, Amanda Soares**  
2017. See Moreira, M. M. et al., 2017.
- Miranda, Daniel Rafael**  
2007. See Garzón, I. J. & D. R. Miranda, 2007.
- Miranda, Hugo**  
1995. See Harley, K. et al., 1995.
- Miranda, José Pereira de, Júnior**  
1948. O coqueiro anão. *Publicações do Serviço de Informação agrícola. Ministério da Agricultura* (Rio de Janeiro) 672: 1-57, 18 figs. [*Brassolis sophorae* (Linnaeus); host plant; Brazil]
- Miranda, Moacyr Mascarenhas Motta**  
2003. See Picanço, M. C. et al., 2003.
- Miranda, Niccolly Cristine de**  
2013. See Rios, G. G. et al., 2013.
- Miranda-Rangel, Andrés**  
2019. See Calyecac-Cortero, H. G. et al., 2019.
- Miranda-Santos, Ronildon**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Miskimen, George W., and Richard Marshall Bond**  
1970. The insect fauna of St. Croix, United States Virgin Islands. *Scientific Survey of Porto Rico and the Virgin Islands* 13(1): 1-114 (4 May) [general; host plants]
- Misof, Bernhard**  
2019. See Kawahara, A. Y. et al., 2019.
- Missaggia, Bruna Oliveira**  
2015. See Nardin, J. de et al., 2015.
- Miss-Barrera, Irma Dinorah**  
2019. See León, J. L. et al., 2019.
- Missrie, Monica**  
2002. See Brower, L. P. et al., 2002.  
2004. *Design and implementation of a new protected area for overwintering monarch butterflies in Mexico*, pp. 141-150, 1 fig., 4 tabs. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration]
- Mit, W. C.**  
1894. Protective resemblances in S. American insects. *Entomologist* 27(369): 51-55 (February) [general]
- Mitchell, Andrew W.**  
1986. *The enchanted canopy. A journey of discovery to the last unexplored frontier, the roof of the world's rainforests*. New York, Macmillan Publishing Company. 255 pp., figs. [general]  
1990. See Dalton, S. et al., 1990.
- Mitchell, Graham Arthur** [1940-1981]

1979. See Hunt, D. J. & G. A. Mitchell, 1979.
- Mitchell-Olds, Thomas**  
2007. See Wheat, C. W. et al., 2007.
- Mitis, Heinrich von** [1845-1905]  
1896. Ueber Varietäten und Aberrationen von Schmetterlingen und deren Bedeutung für die Descendenz-Forschung. *Jahresbericht des wiener entomologischen Vereins* 6: 29-38, pl. 1, fig. 3. [general]
- Mitsuhashi, Wataru**  
2012. See Nakahara, S. et al., 2012.  
2013. See Nakahara, S. et al., 2013.
- Mitter, Charles**  
1998. See Powell, J. A. et al., 1999.  
2009. See Regier, J. C. et al., 2009.  
2011. See Nieuwerkerken, E. J. van et al., 2011.  
2012. See Sohn, J.-C. et al., 2012.  
2013. See Regier, J. C. et al., 2013.  
2019. See Chazot, N. et al., 2019b.
- Mitter, Charles, and Daniel R. Brooks**  
1983. *Phylogenetic aspects of coevolution*, pp. 65-98, 13 figs. In: Futuyma, D. J. & M. Slatkin (Eds.), *Coevolution*. Sunderland, Sinauer Associates, Inc. [general]
- Mitter, Charles, Donald R. Davis and Michael P. Cummings**  
2017. Phylogeny and evolution of Lepidoptera. *Annual Review of Entomology* 62: 265-283, 1 fig. (published online 16 November 2016) [general]
- Mitter, Charles, and Brian D. Farrell**  
1991. *Macroevolutionary aspects of insect-plant relationships*, pp. 35-78, 3 figs., 2 tabs. In: Bernays, E. (Ed.), *Insect-Plant Interactions*. London, CRC Press. Vol. 3. [general; coevolution]
- Mitter, Charles, and Douglas Joel Futuyma**  
1983. *An evolutionary-genetic view of host-plant utilization by insects*, pp. 427-459. In: Denno, R. F. & M. S. McClure (Eds.), *Variable plants and herbivores in natural and managed systems*. New York, Academic Press [general]
- Mitter, Kim T.**  
2013. See Regier, J. C. et al., 2013.
- Mittermeier, Cristina Goettsch**  
1997. See Mittermeier, R. A. et al., 1997.
- Mittermeier, Russell A., Patricio Robles and Cristina Goettsch Mittermeier**  
1997. *Megadiversity. Earth's biologically wealthiest nations*. Mexico, CEMEX, S.A. 503 pp., figs. [general; conservation]
- Mittidieri, Emilio**  
1983. As cores dos animais. *Ciência Hoje* 1(6): 38-45, 6 figs. (May-June) [*Morpho*]
- Miyagawa, Takashi**  
2004. See Hirata, M. & T. Miyagawa, 2004.  
2010. See Yago, M. et al., 2010.
- Miyagi, Michael**  
2019. See Edelman, N. B. et al., 2019.
- Miyahira, Igor Christo**  
2010. See Santos, S. B. dos et al., 2010.
- Miyakado, M., Jerrold Meinwald and Lawrence Edmund Gilbert**  
1989. (R)-(Z,E)-9,11-octadecadien-13-olide: An intriguing lactone from *Heliconius pacheus* (Lepidoptera). *Experientia* 45(10): 1006-1008, 2 figs. [Costa Rica]
- Miyaki, Cosue**  
1997. See Kubrusly, F. S. et al., 1997.
- Miyako, Eijiro, Takushi Sugino, Toshiya Okazaki, Alberto Bianco, Masako Yudasaka and Sumio Iijima**  
2013. Self-assembled carbon nanotube honeycomb networks using a butterfly wing template as a multifunctional nanobiohybrid. *ACS Nano* 7(10): 8736-8742, 3 figs. (22 October; published online 18 August) [*Morpho sulkowskyi* Kollar]
- Miyata, Akira**  
2000. Mass migration of *Kricogonia lyside* (Lepidoptera, Pieridae) in Santo Domingo, Dominican Republic, in 1995. *Transactions of the lepidopterological Society of Japan* 51(4): 281-286, 14 figs. (30 September) [*Phoebis sennae* (Linnaeus), *Euptoieta hegesia* (Cramer), *E. claudia* (Cramer), *Agraulis vanillae* (Linnaeus)]
- Miyata, Kenneth Ichiro** [1951-1983]  
1984. See Forsyth, A. B. & K. I. Miyata, 1984.
- Miyatake, Y.**  
2007. See Shinkawa, T. et al., 2007.
- Miyazaki, J.**  
2008. See Kinoshita, S. et al., 2008.
- Mochrie, Simon G. J.**  
2010. See Saranathan, V. et al., 2010.
- Modolell, Juan, Miguel López Munguira and Enrique García-Barros**  
2009. Presence and phenotypic variability of *Palmaris gustavi* (Staudinger, 1898) in northern Chile, with notes on *Palmaris penai* (Hayward, 1967) (Lepidoptera, Nymphalidae, Satyrinae). *Boletín de la Sociedad entomológica aragonesa* 44: 351-356, 8 figs. [Bolivia]
- Möbius, Karl August** [1825-1908]  
1905. Die Formen und Farben der Insekten ästhetisch betrachtet. *Sitzungsberichte der königlichen preussischen Akademie der Wissenschaften* (Berlin) 5: 159-166 (9 February) [general]
- Moeck, Arthur Henry**  
1940. A butterfly migration in Mexico. *Transactions of the Wisconsin Academy of Sciences, Arts and Letters* 32: 113-122 (after 30 March) [general; behavior]
- Möhn, Edwin** [1928-2008]  
1999a. *Papilionidae II*. Battus. In: Bauer, E. & T. Frankenbach (Eds.), *Schmetterlinge der Erde. Tagfalter*. Keltern, Goecke & Evers. 5: 1-13, 20 pls. (15 October [English ed. published 22 October]) [general; new subgenus: *Battusosa*, new subspecies: *B. (Battusosa) madyes lojaensis*]  
1999b. *Papilionidae V. Neue und wenig bekannte Papilioniden aus der neotropischen Region (Papilionidae, Lepidoptera)*. In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World*. Keltern, Goecke & Evers. 8: 1-5, 4 pls. (14 December) [new subspecies: *Parides phalaecus nieva*, *Battus (Battusosa) madyes inca*, *Heraclides (Priamides) pelaus puertoricensis*, *Pterourus (Pyrrhosticta) zagreus marcapataensis*; Neotropics]  
2001a. Beiträge zur Kenntnis neotropischer Papilionidae (Lepidoptera). Teil 1. *Notes on Papilionidae* 1: 3-10, pls. 1-5 (19 September) [new subspecies: *Battus (Battus) madyes frankenbachi*, *B. (B.) m. callangaensis*, *Heraclides (Heraclides) paeon marxi*, *Pterourus (Pyrrhosticta) zagreus baueri*, *P. (P.) neyi josianeae*; Peru, Brazil]  
2001b. See Racheli, T. & E. Möhn, 2001.  
2002. *Papilionidae: Baronia, Euryades, Protographium, Neographium und Eurytides*. In: Bauer, E. & T. Frankenbach (Eds.), *Schmetterlinge der Erde. Tagfalter. Teil 14. Papilionidae VIII*. Keltern, Goecke & Evers. 15 pp., 36 pls. (30 May) [English ed., [2] + 12 + [1] pp., 36 pls.; June 2002] [new taxa: *Neographium, N. (Neographium) agesilaus tenebricosus, N. (Asiographium), Eurytides (Eurygraphium), E. (Bellerographium), E. (E.) dolicaon cauraensis*; Neotropics]  
2006. *Parides*. In: Bauer, E. & T. Frankenbach (Eds.), *Schmetterlinge der Erde. Tagfalter. Teil 26. Papilionidae*

- XII. Keltern, Goecke & Evers. 24 + [4] pp., 52 pls. (30 December) [English ed., 15 + [4] pp., 52 pls.; 30 December 2006] [general; Neotropics]
- Möschler, Heinrich Benno** [1831-1888]
1872. Neue exotische Schmetterlinge. *Stettiner entomologische Zeitung* 33(7/9): 336-362 (mid-July) [*Heliconius fritschei*; Peru, Colombia]
1873. Ueber Morphiden. *Stettiner entomologische Zeitung* 34(4/6): 197-199 (early April) [general; life histories; Surinam]
1874. Exotisches. *Stettiner entomologische Zeitung* 35(7/9): 303-313 (early August) [general; Mexico, Central America, Colombia]
1877. Beiträge zur Schmetterlings-Fauna von Surinam. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 26(1): 293-352, pls. 3-4 ("1876", [12 April] 1877) [general; new species: *Hesperocharis nymphaea*, *Eurema melacheila*, *Thecla spona*, *T. bimaculata*, *T. lugubris*, *T. biston*, *Cremna sylva*, *Mesene nepticala*, *M. pactolus*, *Heliconius funebris*, *Pyrrhogyra docella*, *Adelpha dominula*, *Anaea cicla*, *Euptychia nana*, *E. thalassa*, *Taygetis blanda*, *Telegonus annulicornis*, *T. probus*, *T. mogdon*, *Caristus maroma*, *C. butus*, *Proteides brinoides*, *P. cervus*, *P. silaceus*, *P. moeros*, *Pamphila angularis*, *P. fasciata*, *P. helva*, *Pythonides (sic) enega*, *P. dilucida*, *Nisoniades plautia*, *Pellicia petius*, *P. didia*, *P. rubescens*, *P. bessus*, *P. simplicior*, *Helias pyralina*, *Tagiades binoculus*]
1878. Exotisches. *Stettiner entomologische Zeitung* 39(10/12): 424-443 (October-December) [general; Surinam]
1879. Neue exotische Hesperiidae. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 28(1): 203-230 ("1878", [17 April] 1879) [general; *Thymele trebia*, *T. ganna*, *Telegonus granadensis*, *T. zohra*, *T. cous*, *T. coenosa*, *T. gizala*, *T. mardonius*, *T. nicomedes*, *Pyrrhopyga styx*, *Erycides licinus*, *Pythonides cobarus*, *Carystus erebina*, *C. argus*, *C. kasus*, *C. tersa*, *Pamphila ancus*, *P. obsoleta*, *P. irma*, *P. geisa*, *P. lumida*, *P. golenia*, *P. pericles*, *P. perfida*, *Apaustus sulla*, *A. tanaquilus*, *A. valerius*, *Nisoniades perforata*, *Achlyodes vulgata*, *A. mythrax*, *A. athymnios*, *A. jamaicensis*, *A. neaeris*, *A. auxo*, *A. lemur*, *Arteurotia bufonia*, *Cecropteris zeutus*; Central America, Jamaica, Venezuela, Colombia, Brazil]
1880. Bemerkung. *Stettiner entomologische Zeitung* 41(1/3): 114-115 (late January) [*Erycides* spp.; new name: *E. sigovesus* (replaces *E. licinus* Möschler)]
1883. Beiträge zur Schmetterlings-Fauna von Surinam. V. (Supplement). *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 32(2): 303-362, pls. 17-18 (mid March) [general; new species: *Thecla peralta*, *T. heloisa*, *T. lorea*, *T. fessa*, *T. bianca*, *T. aprica*, *T. devia*, *T. thenca*, *T. promissa*, *Cremna lucilia*, *Euselasia lindana*, *E. thusnelda*, *Symmachia arbuscula*, *Heliconius erato* form *palantia*, *Euptychia polla*, *E. pytheus*, *E. nausicaa*, *E. lethra*, *Telegonus diophorus*, *Pyrrhopyge hephaestus*, *Proteides osembo*, *P. monacha*, *Pamphila parvipuncta*, *P. warra*, *P. corisana*, *P. zeppa*, *P. ortygia*, *P. theogenis*, *P. zola*, *Apaustus serilius*, *A. tiberius*, *A. virginus*, *A. alsimo*, *Plesioneura ochrogutta*, *Achlyodes onorbo*]
1886. Beiträge zur Schmetterlings-Fauna von Jamaica. *Abhandlungen von der senckenbergischen naturforschenden Gesellschaft* 14(3): 25-84 + 4, 1 pl. (after May) [general; new taxa: *Lycaena dominica*, *Thecla tirrhaea*, *Anartia jatrophae* variety *jamaicensis*]
1890. Die Lepidopteren-Fauna der Insel Portorico. *Abhandlungen herausgegeben von der senckenbergischen naturforschenden Gesellschaft* 16(1): 69-360, 1 pl., 1 portr. (before 13 October) [general; ecology; host plants; distribution]
- Möst, Mark**
2016. See Martin, S. H. et al., 2016.
- Moffett, Mark W.**
- 1979a. See Young, A. M. & M. W. Moffett, 1979a.
- 1979b. See Young, A. M. & M. W. Moffett, 1979b.
- Moffitt, Christine M.**
1985. See Brower, L. P. et al., 1985.
- Mogollón, Hugo Fernando**
2010. See Checa, M. F. et al., 2010.
- Moguel-Ordóñez, Eduardo Javier**
2017. See Jiménez-Pérez, N. del C. et al., 2017.
- Mohammadi, Neda**
2011. See Penz, C. M. et al., 2011b.
2013. See Penz, C. M. & N. Mohammadi, 2013.
- Mohri, Hideo**
2010. See Ohshima, I. et al., 2010.
- Mohyuddin, A. I.**
1993. See Baker, P. S. et al., 1993.
- Molina, Adrián José**
1998. See Moreira, L. A. et al., 1998.
- Molina, Arcángel**
2004. See León, J. L. et al., 2004.
2013. See Almaraz, M. E. et al., 2013.
2018. See Ruiz-Utrilla, Z. P. et al., 2018.
- Molina, Arcángel, and Jorge Leonel León**
2003. *Distribución y abundancia de los Papilionidae, (Insecta: Lepidoptera) en un paisaje fragmentado de "El Sumidero", Chiapas, México*, pp. 155-160, 5 figs. In: Romero, J., E. G. Estrada & A. Equihua (Eds.), *Entomología mexicana 2*. México, Sociedad mexicana de Entomología. [general]
2006. Movilidad y especialización ecológica como variables que afectan la abundancia y distribución de lepidópteros papilionídeos en El Sumidero, Chiapas, México. *Acta zoológica mexicana* (N. S.) 22(3): 29-52, 9 figs., 3 tabs. (December) [general]
- Molina, Arcángel, Jorge Leonel León and Helen M. Regan**
2013. Climatic and geometric constraints as driving factors of butterfly species richness along a Neotropical elevational gradient. *Journal of Insect Conservation* 17(6): 1169-1180, 6 figs., 2 tabs. (December; published online 12 September) [general; Mexico]
- Molina, Arcángel, Jorge Leonel León, Helen M. Regan, Owen T. Lewis, Darío Navarrete, Ubaldo Caballero and Moisés Armando Luis**
2016. Changes in butterfly distributions and species assemblages on a Neotropical mountain range in response to global warming and anthropogenic land use. *Diversity and Distributions* 22(11): 1085-1098, 6 figs., 3 tabs. (November; published online 9 September) [general; Mexico]
- Molina, Juan Ignacio** [1740-1829]
1782. *Saggio sulla storia naturale dell Chili*. Bologna, Stamperia di Santo Tommaso d'Aquino. 367 + [1] pp., 1 map [Ed. 2, 1810; several other editions and translations] [general; new species: *Papilio psittacus*, *P. leucothea*]
- Molina, Natalia, and Myrian Arias**
2006. Bioetología de *Dione juno andicola* (Bates, 1864) (Lepidoptera: Nymphalidae: Heliconiinae). *Revista nicaragüense de Entomología* 66: 9-18, figs., 1 tab. (December) [life history; host plants; behavior; Ecuador]
- Molina, Natalia, and Roberto Jiménez**
2007. Ultraestructura de *Baculovirus dione* en larvas de *Dione*



- juno andicola* (Bates, 1864) (Lepidoptera) en Ecuador. *Revista nicaragüense de Entomología* 67: 7-16, 7 figs. (December)
- Molina-Montenegro, Marco A., Pamela Ávila, Rosember Hurtado, Alejandra I. Valdivia and Ernesto Mario Gianoli**
2006. Leaf trichome density may explain herbivory patterns of *Actinote* sp. (Lepidoptera: Acraeidae) on *Liabum mandonii* (Asteraceae) in a montane humid forest (Nor Yungas, Bolivia). *Acta oecologica* 30(2): 147-150, 1 fig., 2 tabs. (September-October) [host plant]
- Molinari, Alicia M., and Delia Susana Ávalos**
1997. Contribución al conocimiento de taquinidos (Diptera) parasitoides de defoliadoras (Lepidoptera) del cultivo de soja. *Revista de la Sociedad entomológica argentina* 56(1/4): 131-132 (February) [*Colias lesbia* (Fabricius); host plant; Argentina]
- Molinari, Alicia M., and Cristina Monetti**
1997. Parasitoides (Hymenoptera) de insectos plaga del cultivo de soja en el centro sur de la provincia de Santa Fe (Argentina). *Revista de la Sociedad entomológica argentina* 56(1/4): 43-46, 1 tab. (February) [*Colias lesbia* (Fabricius); host plant]
- Moll, Karl Erenbert von** [1760-1838]
1789. Entomologische Nebenstunden. Erstes Stück enthält Beyträge zur Entomologischen Bücherkunde. *Schriften der Gesellschaft naturforschender Freunde zu Berlin* 9(3): 257-301 [general]
- Molleman, Freerk, Harald Wolfgang Krenn, Monique E. Van Alphen, Paul Martin Brakefield, Philip James DeVries and Bas J. Zwaan**
2005. Food intake of fruit-feeding butterflies: evidence for adaptive variation in proboscis morphology. *Biological Journal of the Linnean Society* 86(3): 333-343, 7 figs., 4 tabs. (November; published online 24 October) [*Audre*]
- Mollenhauer, Erik**
2015. See Young-Isebrand, E. et al., 2015.
- Møller, Birger Lindberg**
2018. See Zagrobelny, M. et al., 2018.
- Molnár, Gyoergy**
2008. See Kertész, K. et al., 2008.
- Monetti, Cristina**
1997. See Molinari, A. M. & C. Monetti, 1997.
- Monge-Nájera, Julián**
1991. See Nielsen, V. & J. Monge-Nájera, 1991.
- 1992a. Clicking butterflies, *Hamadryas*, of Panama: Their biology and identification (Lepidoptera: Nymphalidae), pp. 567-572, 16 figs. In: Quintero, D. & A. Aiello (Eds.), *Insects of Panama and Mesoamerica. Selected studies*. Oxford, Oxford University Press. [general]
- 1992b. Las mariposas tronadoras (*Hamadryas*). *Comunicaciones del Departamento de Historia natural. Museo nacional de Costa Rica* 7: 1-22, 14 figs. [general]
1995. Mariposas que producen sonido: ¿cuál es la situación de *Hamadryas* (Nymphalidae) en Cuba? *Cocuyo* 4: 11 [*H. amphichloe* (Boisduval), *H. amphinome* (Linnaeus)]
- Monge-Nájera, Julián, and Patricia Gómez**
2003. Las mariposas tronadoras (*Hamadryas* spp.) y su distribución en Costa Rica. *Biocenosis* 17(1): 22-26, 3 figs., 1 tab. [general]
- Monge-Nájera, Julián, and Francisco Hernández**
1993. A morphological search for the sound mechanism of *Hamadryas* butterflies (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 30(3/4): 196-208, 9 figs. (1 December) [*Siproeta stelenes* (Linnaeus), *Anartia fatima* (Fabricius), *Ectima thecla* (Fabricius); Costa Rica, Venezuela]
- Monge-Nájera, Julián, Francisco Hernández, María Isabel González, Javier Soley, José Araya and Stefano Zolla**
1998. Spatial distribution, territoriality and sound production by tropical cryptic butterflies (*Hamadryas*, Lepidoptera: Nymphalidae): implications for the "industrial melanism" debate. *Revista de Biología tropical* 46(2): 297-329, 21 figs., 4 tabs. (December) [Costa Rica, Panama]
- Mongiello, Carolina N.**
2014. *Passiflora caerulea*: Nectaros, mariposas y coevolución. *Boletín Biológica* (Buenos Aires) 32: 5-8, 6 figs. [*Agraulis vanillae maculosa* Stichel; host plant; Argentina]
- Mongrain, Jennifer K.**
2014. See Lucas, K. M. et al., 2014.
- Mongue, Andrew J.**
2012. See Lyons, J. I. et al., 2012.
- Monllor, Monica**
2019. See McClure, M. et al., 2019b.
- Monné, Marcela Laura**
2010. See Couri, M. S. et al., 2010.
- Monné, Miguel Angel**
1993. *Insetos. Insects*, pp. 171-1882, figs. In: Monteiro, S. & L. Kaz (Eds.), *Cerrado. Vastos Espaços*. Rio de Janeiro, Livrarte Editora Ltda. [general; Brazil]
- Monroe, James L.**
2016. *The large sulphurs of the Americas*. Anteos, Prestonia, Phoebis, Rhabdodryas, and Aphrissa. Gainesville, The International Biodiversity Foundation. vii + 109 pp., figs. (May) [general; Neotropics]
- Monroe, Mía**
2004. See Pyle, R. M. & M. Monroe, 2004.
2015. See Oberhauser, K. S. et al., 2015a.
- Monroe, Rose Sawyer, and Lee Denmar Miller**
1967. Report on a collection of Hesperidae from Honduras. *Journal of the Lepidopterists' Society* 21(4): 243-247 (28 November) [general]
- Monroe, Rose Sawyer, Gary Noel Ross and Roger N. Williams**
1967. A report on two recent collections of butterflies from Honduras. *Journal of the Lepidopterists' Society* 21(3): 185-197, 1 fig. (21 August) [general; ecology]
- Monsalve, Gilberto** [ -1991]
1956. Sobre *Colias lesbia* F. (Lep. Rhop.) en Chile. *Boletín del Museo nacional de Historia natural de Chile* 26(6): 269-270 [distribution]
- Montaldo, Álvaro**
1966. *Manual del cultivo de la batata* (Ipomoea batatas). Maracay, Universidad Central de Venezuela, Facultad de Agronomía, Instituto de Agronomía. 44 pp., 6 tabs. [*Pellicia, Precis*; Venezuela]
1972. *Cultivo de raíces y tubérculos tropicales*. Lima, Instituto Interamericano de Ciencias Agrícolas, OEA (*Textos y Materiales de Enseñanza*, n° 21). xv + 284 pp., 60 figs., 63 tabs. (September) [Ed. 2, 1991] [general; host plants; Neotropics]
- Montaldo, Norberto Horacio**
2002. See Medan, D. et al., 2002.
2005. See Medan, D. & N. H. Montaldo, 2005.
2010. See Torretta, J. P. et al., 2010.
- Montalvo, Rufino**
1959. See Bocanegra, S. et al., 1959.
- Monte, Oscar** [1895-1948]
- 1928a. Insectos nocivos á agricultura. *Boletim de Agricultura, Zootecnia e Veterinária* (Belo Horizonte) 1(2): 28-52, 16 figs. (February) [general; life histories; host plants; Brazil]
- 1928b. Os nomes vulgares dos insectos do Brasil. Coordenados alfabeticamente, com classificação systemática, dados

- biológicos e seus valores econômicos. *Almanak agrícola brasileiro* 17: 228-286, 2 figs. [general]
- 1934a. Relação dos lepidópteros [sic] que vivem em plantas conhecidas. *O Campo* (Rio de Janeiro) 5(1): 68-72 (January), (2): 57-62 (February) [general; Brazil]
- 1934b. Borboletas que vivem em plantas cultivadas. *Boletim de Agricultura, Zootecnia e Veterinaria* (Belo Horizonte) 7(3): 145-165, 28 figs. (March), (4): 225-239, 21 figs. (April), (5): 267-277, 2 pls. (May), (6): 337-363, 22 figs. (June), (7): 33-47, 18 figs. (July), (8): 97-121, 19 figs. (August), (9): 193-213, 15 figs. (September), (10): 241-264, 22 figs. (October), (11): 321-331, 9 figs. (November), (12): 389-399 (December) [also in *Publicações. Secretaria da Agricultura. Estado de Minas-Gerais (Serie agricola)* 21: viii + 221 pp., 168 figs.; 1934] [general; life histories; host plants; Brazil]
1935. Apontamentos para o conhecimento da biologia de alguns lepidópteros. *O Campo* (Rio de Janeiro) 6(1): 26-29, 3 figs. (January) [*Papilio lycophron* Hübner; Brazil]
1938. A broca do abacaxi. *Chácaras e Quintais* (São Paulo) 57(5): 768-769, 2 figs. (15 May) [*Thecla echion* (Linnaeus); life history; Brazil]
1939. Borboletas, lindas borboletas. *Chácaras e Quintais* (São Paulo) 60(2): 226-229, 1 pl. (15 August) [general; Brazil]
1945. A broca do abacaxi. *Chácaras e Quintais* (São Paulo) 71(6): 700 (15 June) [*Thecla echion* (Linnaeus); Brazil]
- Monteagudo, David, and Moisés Armando Luis**
2013. Patrones de riqueza altitudinal de Papilionidae, Pieridae y Nymphalidae (Lepidoptera: Rhopalocera) en áreas montañosas de México. *Revista de Biología tropical* 61(3): 1509-1520, 4 figs., 2 tabs. (published online 1 September) [general]
- Monteagudo, David, Moisés Armando Luis, Isabel Vargas and Jorge Enrique Llorente**
2001. Patrones altitudinales y de diversidad de mariposas en la Sierra Madre del Sur (México) (Lepidoptera: Papilionoidea). *Shilap* 29(115): 207-237, 3 figs., 4 tabs. (30 September) [general]
- Monteagudo, David, José Luis Salinas and Moisés Armando Luis**
2014. Relaciones biogeográficas de Papilionidae, Pieridae y Nymphalidae (Lepidoptera: Papilionoidea) en el bosque mesófilo de montaña de México. *Entomotropica* 29(1): 29-37, 2 figs., 1 tab. (April) [general]
- Monteiro, Antônia**
2001. See Janssen, J. M. et al., 2001.
2002. See McMillan, W. O. et al., 2002.
- 2012a. See Kronforst, M. R. et al., 2012.
- 2012b. See Oliver, J. C. et al., 2012.
2013. See Tokita, C. K. et al., 2013.
2015. Origin, development, and evolution of butterfly eyespots. *Annual Review of Entomology* 60: 253-271, 3 figs., 1 tab. (January; published online 17 October 2014) [general]
2016. See Labandeira, C. C. et al., 2016.
2018. See Prakash, A. & A. Monteiro, 2018.
- Monteiro, Ernado da Silva, John Jairo Saldarriaga, Mayara Pimentel Figueiredo, Jeane Sayse Veloso dos Santos, Alexandre Mehl Lunz and Telma Fátima Vieira Batista**
2016. Biologia e morfometria da lagarta da couve em condições de laboratório. *Revista de Ciências Agrárias* (Belém) 59(1): 16-21, 3 figs., 2 tabs. ("January-March", [1 August]) [*Ascia monuste orseis* (Godart); life history; host plants; Brazil]
- Monteiro, Marcelo**
2019. See Bordin, S. M. S. et al., 2019.
- Monteiro, Moacyr L.**
1944. Borboletas nas suas vidas diurnas e noturnas. *Fauna* (São Paulo) 3(1): 22-23, 4 figs. (January) [general; Brazil]
- Monteiro, Renata Chiarini**
1997. See Zucchi, R. A. & R. C. Monteiro, 1997.
2010. See Zucchi, R. A. et al., 2010
- Monteiro, Ricardo Ferreira**
1991. Cryptic larval polychromatism in *Rekoa marius* Lucas and *R. palegon* Cramer (Lycaenidae: Theclinae). *Journal of Research on the Lepidoptera* 29(1/2): 77-84, 1 fig., 1 tab. (31 December) [host plant; Brazil]
1993. See Vasconcellos, J., Neto & R. F. Monteiro, 1993.
- 2000a. See Otero, L. S. et al., 2000.
- 2000b. Coloração críptica e padrão de uso de plantas hospedeiras em larvas de duas espécies mirmecófilas de *Rekoa* Kaye (Lepidoptera: Lycaenidae). *Oecologia brasiliensis* 8: 259-280, 3 figs., 3 tabs. [host plants; Brazil]
2006. See Flinte, V. et al., 2006.
- 2010a. See Couri, M. S. et al., 2010.
- 2010b. See Duarte, M. et al., 2010.
2013. See Herkenhoff, E. V. et al., 2013.
2015. See Almeida, G. de S. S. de et al., 2015.
2016. See Seraphim, N. et al., 2016.
- Monteiro, Ricardo Ferreira, Alexandre Pimenta Esperanço, Vítor Osmar Becker, Luiz Soledade Otero, Elisa Vieira Herkenhoff and Alexandre Soares**
2004. *Mariposas e borboletas na Restinga de Jurubatiba*, pp. 143-164, 4 figs. In: Rocha, C. F. D., F. A. Esteves & F. R. Scarano (Eds.), *Pesquisas de longa duração na Restinga de Jurubatiba. Ecologia, história natural e conservação*. São Carlos RiMa Editora. [general; Brazil]
- Monteiro, Ricardo Ferreira, André Victor Lucci Freitas, Manoel Antonio da Fonseca Costa Filho, Milena de Sousa Nascimento, Tatiane Gisele Alves, Keith Spalding Brown, Jr., Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande and Marcelo Duarte**
2010. Borboletas da Mata Atlântica do Estado do Rio de Janeiro: Pieridae (Lepidoptera). *Arquivos do Museu Nacional* 67(3/4): 283-289, 1 fig. ("December 2009", 2010) [general; Brazil]
- Monteiro, Sabrina Pitombeira**
2008. See Siqueira, K. M. M. de et al., 2008.
- Montejo-Kovacevich, Gabriela**
2015. Butterflies and logging: An unexplored relationship. *British Journal of Entomology and natural History* 28(4): 219-223, pl. 16, 4 figs. (December) [general; Brazil]
- Montejo-Kovacevich, Gabriela, Tomasz Goral and Blanca Cecilia Huertas**
2017. Concealed androconial scales in metalmark butterflies (Lepidoptera: Riodinidae): New insights from confocal laser scanning microscopy. *Journal of entomological science* 52(4): 332-339, 4 figs. (October) [*Mesenopsis bryaxis* (Hewitson), *M. melanochlora* (Godman & Salvin), *M. albivitta* (Lathy), *M. briseis* Godman & Salvin; morphology]
- Montejo-Kovacevich, Gabriela, Matthew G. Hethcoat, Felix K. S. Lima, Charles J. Marsh, Dayana Bonfanti, Carlos Augusto da Silva Peres and David P. Edwards**
2018. Impacts of selective logging management on butterflies in the Amazon. *Biological Conservation* 225: 1-9, 4 figs. (September) [general; Brazil]
- Montejo-Kovacevich, Gabriela, Jennifer E. Smith, Joana I. Meier, Caroline N. Bacquet, Eva Whiltshire-Romero, Nicola J. Nadeau and Christopher David Jiggins**
2019. Altitude and life-history shape the evolution of *Heliconius* wings. *Evolution* 73(12): 2436-2450, 5 figs., 1 tab. (December; published online 21 October) [general;

Panama, South America]

**Montenegro, José Deyby**

2014. See Céspedes, A. Á. et al., 2014.

**Montenegro, Heitor Werther Studart, Domingos Gallo and Jordel de Mello Rocha**

1960. Novos inseticidas no contrôlo da broca do abacaxi (*Tecla* [sic] *basilides*, (Geyer). *Boletim da Escola superior de Agricultura "Luiz de Queiroz"* (Piracicaba) 16: 1-7, 3 tabs., 1 graph. [Brazil]

**Monterresino, Estela**

2005. See Bar, M. E. et al., 2005.

**Montero, Fredy**

[2017]. See Pedraza, L. D. et al., [2017].

**Montero, Fredy, María Moreno and Luis Carlos Gutiérrez**

[2010]. Mariposas (Lepidoptera: Hesperioidea y Papilionoidea) asociadas a fragmentos de bosque seco tropical en el Departamento del Atlántico, Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(2): 157-173, 5 figs. ("December 2009", [2010]) [general]

**Montero, Fredy, and Maira Ortiz**

2010. Descripción de los estados inmaduros de *Morpho rhodopteron nevadensis* (Lepidoptera: Nymphalidae: Morphinae). *Tropical Lepidoptera Research* 20(2): 71-76, 15 figs., 1 tab. (1 December) [egg, larva, pupa, imago; host plant; Colombia]

2012a. Estados inmaduros e historia natural de algunas especies de la subtribu Pronophilina (Nymphalidae: Satyrinae) presentes en el Páramo del Tablazo, Colombia. I. *Junea doraete doraete* (Hewitson 1858). *Tropical Lepidoptera Research* 22(1): 32-41, 11 figs., 3 tabs. (1 June) [egg, larva, pupa; host plant; behavior]

2012b. Estados inmaduros e historia natural de algunas especies de la subtribu Pronophilina (Nymphalidae: Satyrinae) presentes en el Páramo del Tablazo - Colombia. II. *Lymanopoda schmidti* Adams, 1986. *Tropical Lepidoptera Research* 22(2): 100-109, 13 figs., 1 tab. (3 December) [egg, larva, pupa; host plant; behavior]

2013a. Estados inmaduros e historia natural de algunas especies de la subtribu Pronophilina (Nymphalidae: Satyrinae) presentes en el Páramo del Tablazo, Colombia III. *Neopedaliodes zipa* (Adams, 1986). *Tropical Lepidoptera Research* 23(1): 54-61, 11 figs. (1 June) [egg, larva, pupa; host plant; behavior]

2013b. Aporte al conocimiento para la conservación de las mariposas (Hesperioidea y Papilionoidea) en el Páramo del Tablazo, Cundinamarca (Colombia). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(2): 197-226, 14 figs., 6 tabs. (after 14 December) [general; eggs, larvae, pupae; host plants]

2014a. Ciclo de vida de *Corades chelonis* Hewitson y *Corades dymantis* Thieme (Nymphalidae: Satyrinae: Pronophilina) y aspectos de su biología. *Insecta Mundi* 345: 1-30, 21 figs., 2 tabs. (7 February) [eggs, larvae, pupae, imagos; host plant; behavior; Colombia]

2014b. Estados inmaduros e historia natural de algunas especies de la subtribu Pronophilina (Nymphalidae: Satyrinae) presentes en el Páramo del Tablazo, Colombia IV. *Lasiophila circe* C. Felder & R. Felder, 1859. *Tropical Lepidoptera Research* 24(1): 37-43, 10 figs. (30 June) [egg, larva, pupa; host plant; behavior]

2014c. Ciclo de vida y ecología de *Pedaliodes pallantis* Hewitson, 1862 (Nymphalidae: Satyrinae, Pronophilina) en Cundinamarca - Colombia. *Tropical Lepidoptera Research* 24(2): 81-86, 11 figs. (20 December) [egg, larva, pupa; host plant; behavior]

[2015]. Ciclo de vida y ecología de *Panyapedaliodes drymaea*, Hewitson 1858 (Nymphalidae: Satyrinae Pronophilina) en

Cundinamarca (Colombia). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(2): 284-296, 8 figs. ("December 2014", [8 October 2015]) [egg, larva, pupa; host plant; behavior]

**Montero, Guillermo**

2012. See Rodríguez, X. et al., 2012.

**Montero, Jorge R.**

1999. A new locality for a rare ithomiine butterfly, *Pteronymia donata*, in Costa Rica. *News of the Lepidopterists' Society* 41(4): 122 (15 December)

2003a. A new locality for the endemic charaxine *Memphis lankesteri* in Costa Rica. *News of the Lepidopterists' Society* 45(1): 5, 17, 1 fig. (15 April)

2003b. A new locality for a rare ithomiine butterfly, *Ithomia celemia plaginota*, in Costa Rica. *News of the Lepidopterists' Society* 45(4): 112, 115, 1 fig. (1 December)

**Montero, José Joaquín**

2007a. *Manual para el manejo de mariposarios*. Santo Domingo de Heredia, Editorial INBio. 204 pp., figs., tabs., maps [general; life histories; host plants; Costa Rica]

2007b. See Chacón, I. A. & J. J. Montero, 2007.

2009. See Janzen, D. H. et al., 2009.

2010a. See Murillo, L. R. & J. J. Montero, 2010.

2010b. Lepidoptera, Nymphalidae, Morphinae, *Dynastor macrosiris strix* (Bates, 1864): A new report for Costa Rica butterflies. *Check List* 6(4): 679-680, 2 figs. (December)

2012. See Chacón, I. A. et al., 2012.

**Montero, José Joaquín, and José Fernando González**

2009. Lepidoptera, Nymphalidae, Satyrinae, *Cissia terrestris*: First record from Costa Rica. *Check List* 5(1): 83-85, 2 figs. (March)

**Montero, Manuel A.**

1970. Observaciones entomológicas en la campaña arrocera de 1969-1970. *Boletín técnico. Circulo entomológico del Norte* (Lambayeque) 1(2): 6-9 (August) [*Nyctelius nyctelius* (Latreille), *Prenes ares* Felder; Peru]

**Montes, Fernando, and Sergio Zapata**

1974. Primera contribución al estudio de los insectos de Puerto Cisnes (44,45S - 72,43W; 782,01). *Publicaciones entomológicas. Departamento de Biología. Facultad de Ciencias. Universidad de Chile. Sede Oriente* 11: 48-49 [general; Chile]

**Montes, José Mauricio**

2007. See Arango, L. et al., 2007.

2010. See Arango, L. & J. M. Montes, 2010.

**Montes de Oca, Enrique**

2015. See MacGregor, I. et al., 2015.

**Montesinos, Eneida B.**

1995. See Alonso, A. et al., 1995.

1997. See Alonso, A. et al., 1997.

1998. See Alonso, A. et al., 1998.

2002. *Introducción al conocimiento y monitoreo de mariposas. Memorias. Taller de capacitación. Monitoreo ambiental participativo. El vuelo de la flor*. México, Gobierno del Distrito Federal/REMUCEAC. vi + 110 pp., 16 + 5 + 11 figs., 1 tab. [general; Mexico]

2015. See Young-Isebrand, E. et al., 2015.

**Montesinos, Ernesto**

1954. Análisis de *Cosinga metardaris* [sic] del Cuzco. Wayt'ampu: alimento de los incas. *Revista universitaria. Universidad nacional del Cuzco* 42(105): 229-237 ("1953", 20 November 1954) [bromatology; *Metardaris cosinga* Hewitson; host plant; Peru]

**Montgomery, Charles A.**

1990. See Glendinning, J. I. et al., 1990.

- Montgomery, Stephen H.**  
2015. See Merrill, R. M. et al., 2015.
- Montgomery, Stephen H., and Richard M. Merrill**  
2017. Divergence in brain composition during the early stages of ecological specialization in *Heliconius* butterflies. *Journal of evolutionary Biology* 30(3): 571-582, 3 figs., 1 tab. (March; published online 4 January) [*H. erato cyrbia* (Godart), *H. himera* Hewitson; morphology; Ecuador]
- Montgomery, Stephen H., Richard M. Merrill and Swidbert R. Ott**  
2016. Brain composition in *Heliconius* butterflies, posteclosion growth and experience-dependent neuropil plasticity. *Journal of comparative Neurology* 524: 1747-1769, 8 figs., 5 tabs. (15 June; published online 4 April) [*H. hecale melicerta* Bates, *H. erato demophoon* Ménétrés; morphology; Panama]
- Montgomery, Stephen H., and Swidbert R. Ott**  
2015. Brain composition in *Godyris zavaleta*, a diurnal butterfly, reflects an increased reliance on olfactory information. *Journal of comparative Neurology* 523(6): 869-891, 7 figs., 4 tabs. (15 April; published online 30 December 2014) [Ecuador]
- Montoya, Doris Cristina**  
1989. Aspectos biológicos del gusano cachón del inchi *Panacea* sp. pos. *prola* (Dbl. & Hew.) (Lepidoptera: Nymphalidae). *Resúmenes XVI Congreso de la Sociedad colombiana de Entomología*, p. 21 [life history; host plant; Colombia]  
1989. Aspectos biológicos del gusano cachón del inchi (*Panacea* sp. pos. *prola*). *Colombia amazónica* 4(1): 27-39, 7 figs., 2 tabs. (September) [egg, larva, pupa, imago; host plant; parasitoid; Colombia]  
1991. Aspectos biológicos del gusano cachón del inchi (*Panacea* sp. posible *prola*). *Revista colombiana de Entomología* 17(1): 41-45, 6 figs., 2 tabs. (January-June) [egg, larva, pupa, imago; host plant; parasitoid; Colombia]
- Montoya, James**  
2014. See Calero, H. et al., 2014.
- Montoya, Jorge Ignacio**  
2011. See Muriel, S. B. et al., 2011.  
[2013]. See Muriel, S. B. et al., [2013]a.
- Montoya, Leticia**  
2015. See MacGregor, I. et al., 2015.
- Moore, Barry P.**  
1985. See Rothschild, M. L. et al., 1985.
- Moore, Barry P., W. Vance Brown and Miriam Louisa Rothschild**  
1990. Methylalkylpyrazines in aposematic insects, their hostplants and mimics. *Chemoecology* 1(2): 43-51, 1 fig., 1 tab. (August) [general; South America]
- Moore, Frederic** [1830-1907]  
1882-83a. See Jones, E. D. & F. Moore, 1882-1883.  
1883b. A monograph of *Limnaina* and *Euploeina*, two groups of diurnal Lepidoptera belonging to the subfamily Euploeinae; with descriptions of new genera and species. Part I. *Limnaina*; Part II, *Euploeina*. *Proceedings of the zoological Society of London* 1883(2): 201-252, 7 tabs. (August), (3): 253-324, pls. 29-32 (October) [general; new genus: *Tasitia*; Neotropics]
- Moore, Harold W. B.**  
1912a. *General report on insect pests for the year 1911 to Messrs. Curtis, Campbell & Co. and Messrs. Booker Bros., McConnell & Co. Demerara, "The Argosy" Company, Limited.* 23 pp. (May) [*Taygetis andromeda* (Cramer), *Caligo oberon* Butler, Hesperidae; host plants; parasitoids; Guyana]  
1912b. Ways and habits of caterpillars. *Timehri* (3)2(1): 197-206 (July) [general; behavior; Guyana]
1913. The planter's insect friends. *Timehri* (3)3(1): 33-42 (September) [Brassolinae, Hesperidae; Guyana]
1915. A list of the insects affecting sugar-cane in British Guiana. *Timehri* (3)3: 305-310 [*Caligo illioneus* (Cramer), *Taygetis andromeda* (Cramer); Hesperidae; parasitoids]
- Moore, Harry** [1857-1949]  
1905. [A note]. *Proceedings of the South London entomological & natural History Society* 1901-02: 86 [*Heliconius viculata* [sic] Riffarth, *H. cydno* Doubleday; Trinidad]  
1910a. [A note]. *Proceedings of the South London entomological & natural History Society* 1909-10: 68 [*Papilio clearchus* Felder; South America]  
1910b. [A note]. *Proceedings of the South London entomological & natural History Society* 1909-10: 98 [general; mimicry; South America]  
1919. [A note]. *Proceedings of the South London entomological & natural History Society* 1918-19: 59 [*Catonephele acontius* (Linnaeus), *Nessaea* (*Catonephele*) *batesii* (Felder); South America]  
1930. [A note]. *Proceedings of the South London entomological & natural History Society* 1929-30: 43 [*Morpho hecuba* (Linnaeus); Brazil]
- Moore, J. L.**  
1992. See Lee, C. S. et al., 1992.
- Moorwood, Andrew**  
2015. See Huertas, B. C. et al., 2015.
- Mooser, Oswaldo** [1903-1983], and **Manuel García**  
1983. *Speyeria nokomis melaena* subsp. nov. (Nymphalidae Lepidoptera). *Correo universitario. Universidad autónoma de Aguascalientes* 4(26): 12-13, 2 figs. (26 October) [Mexico]
- Mootoosingh, S. N.**  
1979. See Bacon, P. R. et al., 1979.
- Mora, Ana Milena**  
2010. See Salazar, J. A. et al., 2010b.
- Mora, Blanca Xiomara**  
1999. See García, E. & X. Mora, 1999.  
2004a. See García, E. et al., 2004.  
2004b. See Solís, R. et al., 2004.
- Mora, Blanca Xiomara, Rogelio Carrera-Treviño and Keith A. Hobson**  
2019. Mortality of monarch butterflies (*Danaus plexippus*) at two highway crossing "hotspots" during autumn migration in Northeast Mexico. *Frontiers in Ecology and Evolution* 7(273): 1-7, 4 figs. (16 July)
- Mora, Iván**  
2014. See Pozos, L. F. et al., 2014.
- Mora, Michelle**  
2016. See Cárdenas, G. et al., 2016.
- Mora, Raymundo, Laura Yáñez-Espinosa, Joel Flores and Nadya Nava-Zárate**  
2013. Strobilus and seed production of *Dioon edule* (Zamiaceae) in a population with low seedling density in San Luis Potosí, Mexico. *Tropical Conservation Science* 6(2): 268-282, 5 figs., 2 tabs. (24 June) [*Eumaeus childrenae* (Gray); host plant]
- Mora-Estrada, León Felipe de la**  
2017. See Gómez, B. et al., 2017.
- Moraes, Alice Ramos de, Harold Francis Greeney, Paulo Sérgio Oliveira, Eduardo de Proença Barbosa and André Victor Lucci Freitas**  
2012. Morphology and behavior of the early stages of the skipper, *Urbanus esmeraldus*, on *Urera baccifera*, an ant-visited host plant. *Journal of Insect Science* 12(52): 1-18, 7 figs. (12 April) [egg, larva, pupa, imago; Brazil]

- Moraes, George Washington Gomez de**  
1977. See Brun, P. G. et al., 1977.
- Moraes, George Washington Gomez de, Philippe G. Brun and Lourdes Aragão Soares**  
1983. Insetos x insetos. Nova alternativa para o controle de pragas. *Ciência Hoje* 1(6): 70-77, 1 figs. (May-June) [*Euselasia euploea eucerus* (Hewitson); parasitoids; Brazil]
- Moraes, Jair Campos de**  
2010. See Antunes, C. S. et al., 2010.  
2012. See Assis, F. A. de et al., 2012.  
2013. See Assis, F. A. de et al., 2013.  
2015. See Assis, F. A. de et al., 2015.
- Morais, Ana Beatriz Barros de**  
1985. Interação entre Troidini (Lep.: Papilionidae) e *Aristolochia*: efeitos da planta hospedeira na composição e dinâmica da comunidade animal. *Resumos XII Congresso brasileiro de Zoologia* (Campinas), p. 106 [Brazil]  
1990a. See Brown, K. S., Jr., J. R. Trigo, P. C. Motta et al., 1990.  
1990b. See Brown, K. S., Jr., J. R. Trigo, R. B. Francini et al., 1990.  
1991. See Brown, K. S., Jr. et al., 1991.  
2007. See Dessuy, M. B. & A. B. B. de Moraes, 2007.  
2008a. See Paz, A. L. G. et al., 2008.  
2008b. See Sackis, G. D. & A. B. B. de Moraes, 2008.  
2008c. See Lemes, R. et al., 2008.  
2011. See Ritter, C. D. et al., 2011.  
2013a. See Paz, A. L. G. et al., 2013.  
2013b. See Carvalho, A. P. dos S. de et al., 2013.  
2014. See Paz, A. L. G. et al., 2014.  
2015a. See Spaniol, R. L. & A. B. B. de Moraes, 2015.  
2015b. See Lemes, R. et al., 2015.  
2015c. See Mega, N. O. et al., 2015.  
2015d. See Carvalho, A. P. dos S de & A. B. B. de Moraes, 2015.  
2015e. See Carvalho, A. P. dos S de et al., 2015.  
2015f. See Piovesan, G. & A. B. B. de Moraes, 2015.  
2016a. See Scalco, V. W. et al., 2016.  
2016b. See Graciotim, C. & A. B. B. de Moraes
- Morais, Ana Beatriz Barros de, and Keith Spalding Brown, Jr.**  
1992. Larval foodplant and other effects on troidine guild composition (Papilionidae) in southeastern Brazil. *Journal of Research on the Lepidoptera* 30(1/2): 19-37, 3 figs., 4 tabs. (1 December) [*Battus, Parides*]
- Morais, Ana Beatriz Barros de, Keith Spalding Brown, Jr., Mariana Alves Stanton, Kamila Ferreira Massuda and José Roberto Trigo**  
2013. Are aristolochic acids responsible for the chemical defence of aposematic larvae of *Battus polydamas* (L.) (Lepidoptera: Papilionidae)? *Neotropical Entomology* 42(6): 558-564, 2 figs., 1 tab. (December; published online 12 September) [host plant; Brazil]
- Morais, Ana Beatriz Barros de, Renata Lemes and Camila Duarte Ritter**  
2012. Borboletas (Lepidoptera: Hesperioidea e Papilionoidea) de Val de Serra, região central do Rio Grande do Sul, Brasil. *Biota neotropica* 12(2): 175-183, 1 fig., 1 tab. (8 June) [general]
- Morais, Ana Beatriz Barros de, Helena Piccoli Romanowski, Cristiano Agra Iserhard, Maria Ostília de Oliveira Marchiori and Rosina Seguí**  
2007. Mariposas del sur de Sudamérica (Lepidoptera: Hesperioidea y Papilionoidea). *Ciência & Ambiente* (Santa Maria) 35: 29-46, 4 figs., 2 tabs. (December) [general; Brazil, Uruguay, Argentina]
- Morais, Helena Castanheira de**  
1995. See Diniz, I. R. & H. C. de Moraes, 1995.  
1997a. See Diniz, I. R. & H. C. de Moraes, 1997.  
1997b. See Pinheiro, F. et al., 1997.  
1997c. See Milhomen, M. de S. et al., 1997.  
1999. See Diniz, I. R. et al., 1999.  
2000a. See Andrade, I. et al., 2000.  
2000b. See Diniz, I. R. et al., 2000.  
2001. See Diniz, I. R. et al., 2001.  
2002a. See Diniz, I. R. & H. C. de Moraes, 2002.  
2002b. See Marquis, R. J. et al., 2002.  
2005a. See Stireman, J. O., III et al., 2005.  
2005b. See Diniz, I. R. & H. C. de Moraes, 2005.  
2006. See Bendicho-López, A. et al., 2006.  
2007. See Dyer, L. A. et al., 2007.  
2009. See Carregaro, J. B. et al., 2009.  
2010. See Scherrer, S. et al., 2010.  
2011a. See Diniz, I. R. et al., 2011.  
2011b. See Silva, N. A. P. da et al., 2011.  
2012a. See Silva, N. A. P. da et al., 2012.  
2012b. See Lepesqueur, C. et al., 2012.  
2014. See Silva, N. A. P. da et al., 2014.  
2016. See Silva, N. A. P. da et al., 2016.
- Morais, Helena Castanheira de, Ivone Rezende Diniz and Leandro Baumgarten**  
1995. Padrões de produção de folhas e sua utilização por larvas de Lepidoptera em um cerrado de Brasília. *Revista brasileira de Botânica* 18(2): 163-170, 6 figs., 1 tab. (December) [general; Brazil]
- Morais, Helena Castanheira de, Ivone Rezende Diniz and Delano Moody Simões da Silva**  
2000. Caterpillar seasonality in a central Brazilian cerrado. *Revista de Biologia tropical* 47(4): 1025-1033, 2 figs., 2 tabs. ("December 1999", July 2000) [*Chiomara punctum* (Mabille), *Siderone marthesia nemesis* (Illiger); host plants]
- Morais, Helena Castanheira de, Ivone Rezende Diniz and Joaquim R. Silva**  
1996. Larvas de *Siderone marthesia nemesis* (Illiger) (Lepidoptera, Nymphalidae, Charaxinae) em cerrado de Brasília, Distrito Federal, Brasil. *Revista brasileira de Zoologia* 13(2): 351-356, 1 fig., 1 tab. (14 November) [host plant; parasitoid; behavior]
- Morais, Helena Castanheira de, John Du Vall Hay and Ivone Rezende Diniz**  
2009. Brazilian cerrado folivore and florivore caterpillars: How different are they? *Biotropica* 41(4): 401-405, 2 figs., 1 tab. (July; published online 29 June) [Lycaenidae; host plants]
- Morais, José Wellington de**  
2008. See Lourido, G. M. et al., 2008.  
2017a. See Graça, M. B. C. S. da et al., 2017a.  
2017b. See Graça, M. B. C. S. da et al., 2017b.  
2017c. See Graça, M. B. C. S. da et al., 2017c.
- Morales, Carlos O.**  
2009. See Nishida, K. et al., 2009.
- Morales, Fernando**  
1976. See Bastida, R. et al., 1976.
- Morales, Gabriel**  
2015. See Téllez, P. A. et al., 2015.
- Morales, Germán**  
2004. See Kattan, G. H. et al., 2004.
- Morales, Helda E.**  
2001. See Ramírez, L. A. et al., 2001.
- Morales, Irina Tatiana**  
2010. See Amat, G. D. et al., 2010.
- Morales, José**  
2019. See Paz, R. et al., 2019.

- Morales, José, Carlos Vásquez, Neicy Valera, Norayda Arrieche, Evelin Arcaya and Ranyse Barbosa Querino**  
2010. Nuevos registros y distribución de especies de *Trichogramma* (Hymenoptera: Trichogrammatidae) en el Estado Lara, Venezuela. *Bioagro* 22(2): 159-162, 1 fig., 1 tab. (August) [*Agraulis vanillae* (Linnaeus); host plant; parasitoid]
- Morales, Josefina**  
2002. See Ramos, J. et al., 2002.
- Morales, Juan Francisco** [1970- ], **Mary E. Endress and Sigrid Liede-Schumann**  
2017. Sex, drugs and pupusas: Disentangling relationships in Echteae (Apocynaceae). *Taxon* 66(3): 623-644, 3 figs., 3 tabs. (23 June) [Danainae]
- Morales, Juan Luis**  
1996. See Rhainds, M. et al., 1996.
- Morales, Luis**  
2010. See Segarra, A. E. et al., 2010.
- Morales, Moisés**  
2016. See Sánchez-Soto, S. et al., 2016.
- Morales, Pedro**  
2019. See Cazorla, D. & P. Morales, 2019.
- Morales, Pedro, Mario Cermeli, Freddy Godoy and Benigna Salas**  
2003. Lista de insectos relacionados a las solanáceas ubicados en el Museo de Insectos de Interés Agrícola del CENIAP - INIA. *Entomotropica* 18(3): 193-209 (December) [Ithomiinae, *Pellicia bromias* (Godman & Salvin); host plants; Venezuela]
- Morales, Silvia Gabriela**  
2012. See Ángel, A. L. et al., 2012.
- Morales-Alba, Andrés Felipe**  
2019. See Moreno-Mancilla, O. F. et al., 2019.
- Morales-Morales, Carlos Joaquín**  
2009. See Aguilar-Astudillo, E. et al., 2009.  
2010. See Quiroga, R. R. et al., 2010.  
2016. See Cabrera, R. et al., 2016.
- Morales-Morales, Carlos Joaquín, and Eduardo Aguilar-Astudillo**  
2008. *Listado de lepidópteros diurnos en el área denominada Cruz Ancha, Berriozábal, Chiapas, México*, pp. 1055-1061. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana 7*. México, Sociedad mexicana de Entomología. [general]
- Morales-Morales, Carlos Joaquín, Eduardo Aguilar-Astudillo, Reynerio Adrián Alonso-Bran, José Manuel Cena-Velázquez and Julio César Gómez-Castañeda**  
2018a. Lepidópteros asociados al piñón (*Jatropha curcas* Linnaeus, 1753) en el Municipio de Villaflores, Chiapas, México. *Entomología mexicana* 5: 380-384, 1 tab. (July) [general]  
2018b. Revisión de la subfamilia Brassoliniinae (Nymphalidae) depositadas en la colección entomológica de la Facultad de Ciencias Agronómicas, Villaflores, Chiapas. *Entomología mexicana* 5: 565-570, 1 tab. (July) [general; Mexico]
- Morales-Morales, Carlos Joaquín, Eduardo Aguilar-Astudillo, María de los Ángeles Rosales-Esquínca, Julio César Gómez-Castañeda, Reynerio Adrián Alonso-Bran and José Manuel Cena-Velázquez**  
2019. Revisión de la subfamilia Ithomiinae (Lepidoptera: Nymphalidae), de la Colección Entomológica, Facultad de Ciencias Agronómicas (CACH), Villaflores, Chiapas. *Entomología mexicana* 6: 385-391, 1 tab. (July) [general; Mexico]
- Morales-Morales, Carlos Joaquín, and Ricardo René Quiroga**  
2009. Hábitos alimenticios de *Oplomus pulcher* Dallas (Hemiptera: Pentatomidae: Asopinae). *Dugesiana* 16(2): 86 (28 December) [*Ascia monuste* (Linnaeus); Mexico]
- Morales-Velasco, Sandra**  
2015. See Ortiz-Martínez, M. A. et al., 2015.
- Moranz, Raymond A.**  
1992. See Brower, L. P. et al., 1992.
- Morawetz, Linde** [1982- ]  
2015. See Bauder, J. A.-S. et al., 2015.
- Morawicki, Patricia Mariela** [1967- ]  
2002. See Tricio, A. E. et al., 2002.  
2007. See Tricio, A. E. et al., 2002.
- Morban, Emily Z.**  
2014. See Burg, N. A. et al., 2014.
- Mordaigle, Rudy de**  
2002. And now... Aberrant stamps! *News of the Lepidopterists' Society* 44(2): 47, 65, 2 figs. (15 July) [*Danaus plexippus* (Linnaeus); philately; Mexico]
- Moreau, Corrie S.**  
2012. See Russell, J. A. et al., 2012.
- Moreau, Eugène**  
1923a. Un *Papilio* nouveau de la Guyane française. *Bulletin de la Société entomologique de France* 1923(10): 144, pl. 1 (4 July) [*P. maroni*]  
1923b. Rectification (Lep.). *Bulletin de la Société entomologique de France* 1923(17): 215 (20 December) [*Papilio maroni* Moreau; French Guiana]  
1924. Description de *Papilio maroni* ♂ de Guyane Française. *Bulletin de la Société entomologique de France* 1924(7): 93-94, pl. 1 (1 June)
- Morehouse, Nathan I.**  
2009a. See Meadows, M. G. et al., 2009.  
2009b. See Shawkey, M. D. et al., 2009.  
2016. See Limeri, L. B. & N. I. Morehouse, 2016.  
2018. See Nallu, S. et al., 2018.  
2019. See Hill, J. A. et al., 2019.
- Moreira, Carlos** [1869-1946]  
1912a. Uma praga das hortas. *A Fazenda* (Rio de Janeiro) 3(21): 2-3, 8 figs. (February) [*Pieris monuste* (Linnaeus); life history; Brazil]  
1912b. Insectos nocivos ás laranjeiras e meios para destruil-os. *Almanak agricola brasileiro* (São Paulo) 1: 129-134, 10 figs. [*Papilio idaeus* Fabricius; life history; Brazil]  
1915a. Description d'un tachinaire nouvelle (Dipt. Muscidae). *Bulletin de la Société entomologique de France* 1915(14): 227-229, 2 figs. (2 September) [*Anosia plexippus erippus* (Cramer); parasitoid; Brazil]  
1915b. L'habitat de *Masicera brasiliensis* Moreira parasite des *Anosia*. *Bulletin de la Société entomologique de France* 1915(17): 269 (18 December) [*A. plexippus erippus* (Cramer); Neotropics]  
1921. Entomologia agricola brasileira. *Boletim. Instituto biológico de Defesa agricola. Ministério da Agricultura, Indústria e Commercio* (Rio de Janeiro) (Serie de Divulgação) 1: v + 182 pp., 60 pls., 25 figs. [Ed. 2, 1929] [general; life history; host plants]  
1923. Insectos nocivos ás hortaliças. *Almanak agricola brasileiro* (São Paulo) 12: 291-293, 1 fig. [*Pieris monuste* (Linnaeus); life history; Brazil]
- Moreira, Daniel Carneiro, Débora Pires Paula and Marcelo Hermes-Lima**  
2012. *Redox metabolism during tropical diapause in a Lepidoptera larva*, pp. 399-409, 1 fig. In: Ruf, T., C. Bieber, W. Arnold & E. Milesi (Eds.), *Living in a seasonal world. Thermoregulatory and metabolic adaptation*. Heidelberg, Springer. [*Chlosyne lacinia* (Geyer); host

plant; physiology; Brazil]

**Moreira, Gilson Rudinei Pires**

- 1997a. See Oliveira, E. M. & G. R. P. Moreira, 1997a.  
1997b. See Oliveira, E. M. & G. R. P. Moreira, 1997b.  
2000. See Rodrigues, D. & G. R. P. Moreira, 2000.  
2001. See Corrêa, C. de A. et al., 2001.  
2002a. See Rodrigues, D. & G. R. P. Moreira, 2002.  
2002b. See Antunes, F. F. et al., 2002.  
2002c. See Tavares, M. et al., 2002.  
2002d. See Kaminski, L. A. et al., 2002.  
2004a. See Paim, A. C. et al., 2004.  
2004b. See Rodrigues, D. & G. R. P. Moreira, 2004.  
2005a. See Dell'Erba, R. et al., 2005.  
2005b. See Bianchi, V. & G. R. P. Moreira, 2005.  
2005c. See Kerpel, S. M. & G. R. P. Moreira, 2005.  
2006a. See Kerpel, S. M. et al., 2006.  
2006b. See Silva, D. S. da et al., 2006.  
2008a. See Kaminski, L. A. et al., 2008.  
2008b. See Silva, D. S. da et al., 2008.  
2010a. See Barão, K. R. & G. R. P. Moreira, 2010.  
2010b. Borges, E. de O. et al., 2010.  
2011a. See Barp, E. A. et al., 2011.  
2011b. See Jorge, L. do R. et al., 2011.  
2012. See Massardo, D. et al., 2012.  
2013a. See Kaminski, L. A. et al., 2013.  
2013b. See Millán, C. et al., 2013.  
2014a. See Silva, A. K. et al., 2014.  
2014b. See Barão, K. R. et al., 2014.  
2014c. See Vargas, H. A. et al., 2014.  
2015a. See Massardo, D. et al., 2015.  
2015b. See Barão, K. R. et al., 2015.  
2016a. See Zhang, W. et al., 2016.  
2016b. See Thiele, S. C. et al., 2016.  
2017. See Van Belleghem, S. M. et al., 2017.  
2018a. See Rossato, D. O. et al., 2018a.  
2018b. See Silva, D. S. da et al., 2018.  
2018c. See Millán, C. et al., 2018.  
2019. See Edelman, N. B. et al., 2019.

**Moreira, Gilson Rudinei Pires, Claudine de Abreu Correa and Elna Mugrabi Oliveira**

1996. Pollination of *Habenaria pleiophylla* Hoehne & Schlechter (Orchidaceae) by *Heliconius erato phyllis* Fabricius (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 13(3): 791-798, 7 figs. (20 December) [Brazil]

**Moreira, Gilson Rudinei Pires, and Carlos Guilherme Costa Mielke**

2010. A new species of *Neruda* Turner, 1976 from northeast Brazil (Lepidoptera: Nymphalidae, Heliconiinae, Heliconiini). *Nachrichten des entomologischen Vereins Apollo* (Neue Folge) 31(1/2): 85-91, 24 figs. (20 August) [*N. metis*]

**Moreira, Gilson Rudinei Pires, Denis Santos da Silva and Gislene Lopes Gonçalves**

2017. Comparative morphology of the prothoracic leg in heliconian butterflies: Tracing size allometry, podite fusions and losses in ontogeny and phylogeny. *Arthropod Structure & Development* 46(4): 462-471, 6 figs., 1 tab. (July; published online 20 April) [general; morphology; Brazil]

**Moreira, Luciano Andrade, José Cola Zanuncio and Adrián José Molina**

1998. Dados biológicos de *Podisus nigrispinus* (Dallas) alimentado com a lagarta do maracujazeiro *Dione juno juno* (Cramer). *Anais da Sociedade entomológica do Brasil* 27(4): 645-647 (December) [host plant; Brazil]

**Moreira, Márcio Dionizio, Marcelo Coutinho Picanço, Luiz**

**Cláudio de Almeida Barbosa, Raul Narciso Carvalho and Ezio Marques da Silva**

2004. Toxicity of leaf extracts of *Ageratum conyzoides* to Lepidoptera pests of horticultural crops. *Biological Agriculture and Horticulture* 22(3): 251-260, 3 figs., 3 tabs. [*Dione juno* (Cramer); Brazil]

**Moreira, Marina Muniz, Amanda Soares Miranda and Heloisa Alves de Lima**

2017. *Agarista revoluta* (Ericaceae): A generalist plant with self-compatible and self-incompatible individuals. *Flora* (Jena) 234: 7-14, 5 figs., 5 tabs. (September; published online 5 July) [general; Brazil]

**Moreira, Nicolau Joaquim [1824-1894]**

1881. Insectologia. Lepidopteros. *Archivos do Museu nacional do Rio de Janeiro* 4: 1-13, pl. 1 ([before 8 July]) [new species: *Heliconia aurea*; egg, larva, pupa, imago; host plants; Brazil]

**Moreira, Sinara Maria**

2016. See Ambrogio, B. G. et al., 2016.

**Morel, François**

2000. Mimétisme et polymorphisme chez les Heliconiidae. *Bulletin des Lépidoptéristes parisiens* 9(15): 16-20, pl. 4 (April) [general; Ithomiinae; evolution; Neotropics]  
2001. See Lever, Y. & F. Morel, 2001.

**Morelli, Enrique Regino**

- 2015a. See Bentancur, M. G. et al., 2015a.  
2015b. See Bentancur, M. G. et al., 2015b.

**Moreno, Anaya Carolina**

2009. See Arenas, J. G. et al., 2009.

**Moreno, Dayana**

2014. See Quintero, J. et al., 2014.

**Moreno, Elizabeth**

2005. See Koleff, P. & E. Moreno, 2005.

**Moreno, Félix**

2012. See Pérez, A. et al., 2012.

**Moreno, Georgina Paulina, and Julio César Acuña**

2015. Caracterización de lepidópteros diurnos en dos sectores del Santuario de Flora y Fauna Los Flamencos (San Lorenzo de Camarones, La Guajira). *Boletín científico. Museo de Historia natural, Universidad de Caldas* 19(1): 221-234, 7 figs., 2 tabs. ("June", [8 October]) [general; Colombia]

**Moreno, Helena**

1998. See Pinzón, O. P. & H. Moreno, 1998.

**Moreno, Ignacio**

1944. Plagas del algodón y su control en la región de Matamoros, Tamps. Conclusión. *Fitófilo* 3(1): 87-97 (January-February) [*Strymon melinus* Hübner; Mexico]

**Moreno, Ignacio, and Francis Flavius Bibby**

1943. Insectos del algodón y otras malváceas en las regiones de Matamoros, Tams. y del Valle Bajo del Río Bravo, Texas, E.U.A. *Fitófilo* 2(2): 62-110 (March-April) [general; host plants; Mexico]

**Moreno, Liana Bertoldi**

2008. See Quadros, F. do C. et al., 2008.  
2015. See Caporale, A. et al., 2015.

**Moreno, Liz Patricia, Rodrigo Torres, Orlando Acosta and José Peñaranda**

1995. Un posible complejo de especies gemelas en el género *Eurema* (Lepidoptera: Pieridae). I - Evidencias biológicas. *Caldasia* 18(86): 101-112, 5 figs., 3 tabs. (15 November) [*Eurema salome* C. Felder & R. Felder; egg, larva, pupa, imago; host plants; ecology; behavior; Colombia]

**Moreno, Manuel**

2016. See Sánchez-Soto, S. et al., 2016.

**Moreno, María**

2010. See Montero, F. et al., 2010.
- Moreno, Miguel** [1918- ]  
1976. Algunas especies de invertebrados como muestra para un museo. *Revista ecuatoriana de Medicina y Ciencias biológicas* 13(2): 83-89 (July-December) [Pieridae; Ecuador]
- Moreno, Miguel, Xavier Silva and Germanía Estévez**  
1998. *Mariposas del Ecuador*. Quito, Occidental Exploration and Production Company. 167 pp., figs. (20 January) [general]
- Moreno, Rafael**  
1975. See Maza, J. de la et al., 1975.
- Moreno, Shaiene Costa**  
2009. See Silvério, F. O. et al., 2009.
- Moreno, Shaiene Costa, Flaviano Oliveira Silvério, Mayara Cristina Lopes, Rodrigo Soares Ramos, Elson Santiago de Alvarenga and Marcelo Coutinho Picanço**  
2017. Toxicity of new pyrethroid in pest insects *Asciamonuste* [sic] and *Diaphania hyalinata*, predator *Solenopsis saevissima* and stingless bee *Tetragonisca angustula*. *Journal of environmental Science and Health (B)* 52(4): 237-243, 5 figs., 2 tabs. (published online 17 January) [host plants; Brazil]
- Moreno-García, Miguel Ángel**  
2009. See Córdoba-Aguilar, A. et al., 2009.
- Moreno-Mancilla, Oscar Felipe, Andrés Felipe Morales-Alba, John Edison Reyes-Camargo, Xiomara Villalba-Carmona and José Luis Cóbbita-Chivatá**  
2019. *Insectos*, pp. 277-330, 39 figs., 7 tabs. In: Gil-Novoa, J. E., P. A. Gil-Leguizamón & M. E. Morales-Puentes (Eds.), *La vida en un fragmento del bosque en las rocas: Una muestra de la diversidad andina en Bolívar, Santander*. Tunja, Editorial Universidad Pedagógica y Tecnológica de Santander. [general; Colombia]
- Morgenthaler, Hans Ulrich**  
1993. See Güntert, M. et al., 1993.
- Morgun, Dimitry V., and Martin Wiemers**  
2013. First record of the lime swallowtail *Papilio demoleus* Linnaeus, 1758 (Lepidoptera, Papilionidae) in Europe. *Journal of Research on the Lepidoptera* 45: 85-89, 4 figs. ("31 December 2012", January 2013; published online 13 September 2012) [West Indies]
- Mori, James R., David W. Bouton, Charles Van Orden Covell, Jr. and William David Winter, Jr.**  
1980. Ecuador! *News of the Lepidopterists' Society* 1980(5): 54-60, 24 figs. (September-October) [general]
- Mori, Ronald**  
2009. See Gonzales, H. et al., 2009.  
2017. See Rosser, N. & R. Mori, 2017.  
2019. See Rosser, N. et al., 2019b.
- Mori, Scott**  
2007. See Feinstein, J. et al., 2007.
- Moriano, Melanie**  
2018. La sub familia [sic] Satyrinae (Lepidoptera: Nymphalidae) en la Estación Biológica Cocha Cashu, Parque Nacional del Manu – Madre de Dios. *Ciencia y Desarrollo* (Lima) 21(1): 39-56, 9 figs., 1 tab., 5 graphs (June) [general; Peru]
- Morín, Charles**  
1965. *Cultivo de cítricos*. Lima, Universidad Agraria, Facultad de Agronomía. 341 pp., figs., tabs., graphs. [*Papilio thoas* Linnaeus, *P. pandion* Felder; host plants; Peru]
- Morin, Jean-Paul**  
1978. See Genty, P. et al., 1978.
- Morinière, Jérôme**  
2019. See Toussaint, E. F. A. et al., 2019.
- Morinaka, Sadaharu, Tomohiro Maeyama, Kiyoto Maekawa, Dra Erniwati, Siti Nuramaliati Prijono, Ida Ketut Ginarsa, Tohru Nakazawa and Toshitaka Hidaka**  
1999. Molecular phylogeny of birdwing butterflies based on the representatives in most genera of the tribe Troidini (Lepidoptera: Papilionidae). *Entomological Science* (Tokyo) 2(3): 347-358, 7 figs., 3 tabs. (25 September) [general]
- Morishita, Kazuhiko**  
1974. The blue admiral. [In Japanese]. *Yadoriga* 79: 13-19, 27 figs., 1 map (31 August) [*Nymphalis cyanomelas* (Doubleday); Mexico]  
1977. *Kallima inachus* and its allies. [In Japanese]. *Yadoriga* 89/90: 3-16, 29 figs., 1 map (1 September) [*Anaea itys* (Cramer), *Morpho hecuba* (Linnaeus); South America]  
1978. *Curetis acuta* and its allies. [In Japanese]. *Yadoriga* 93/94: 3-17, 30 figs., 1 map (15 May) [general; *Baronia brevicornis* Salvin, Lycaenidae]  
1980. *Anosia chrysippus* (Lep. Danaidae). *Chô Chô* 3(12): 2-30, 1 pl., 20 figs., 2 tabs. (December) [general]  
1984. Mimetic butterflies (XII). *Chô Chô* 7(1): 11-21, 13 figs. (January) [*Anetia*, *Lycorea ceres* (Cramer), *Dione vanillae* (Linnaeus)]  
1987. Genus *Polygonia*, the largest and larger species. [In Japanese]. *Yadoriga* 128: 2-10, 12 figs., 2 tabs. (5 March) [*P. interrogationis* (Fabricius), *P. satyrus* (Edwards), *P. zephyrus* (Edwards), *P. g-argenteum* (Doubleday), *P. haroldii* (Dewitz); Mexico]  
1992. The genus *Nymphalis* of the world (Nymphalidae, Nymphalinae). *Butterflies* (Tokyo) 3: 36-45, 16 figs. (15 December) [*N. cyanomelas* (Doubleday); Mexico]
- Morishita, Kazuhiko, and Akio Masui**  
2005. *Neophasia menapia* and *N. terlooti*, rare members of Pieridae associated with pine (Pinaceae). *Butterflies* (Tokyo) 39: 28-34, 10 figs., 1 tab. (20 March) [Mexico]
- Morisse, A.**  
1838. Essai sur les genres *Erycina*, *Diorina* et *Zeonia*. *Annales de la Société entomologique de France* 6(4): 417-428, pl. 14 (after 7 February) [general; new taxa: *E. thia*, *E. aristodorus*, *Diorina* (new genus) *laonome*; French Guiana, Surinam, Brazil, Mexico, Colombia]
- Moritz, Johann Wilhelm Karl (= Carl)** [1797-1866]  
1836. Notizen zur Fauna der Insel Puertorico. *Archiv für Naturgeschichte* 2(6): 373-392 (3 December) [general]
- Morlon, Hélène**  
2016. See Chazot, N. et al., 2016c.
- Moro, Leopoldo**  
2009. See Bacallado, J. J. et al., 2009.
- Morochz, Carlos**  
2018a. See Parnell, A. J. et al., 2018.  
2018b. See Brien, M. N. et al., 2018.
- Morón, Miguel Angel** [1952-2017]  
1999. Papilionidae y Pieridae de México: Distribución geográfica e ilustración. J. E. Llorente-Bousquets, L. Oñate-Ocaña, A. Luis-Martínez e I. Vargas-Fernández. 1997. *Acta zoológica mexicana* (N. S.) 78: 183-185 (December) [general; book review]
- Morrall, John**  
[2016]a. *Megeuptychia antonoe* (Cramer) (Nymphalidae: Satyrinae: Satyrini), a new butterfly for Trinidad, West Indies. *Living World* 2015: 72-73, 2 figs. ("July 2015", [June 2016])  
[2016]b. *Ganyra josephina janeta* (Dixey) (Lepidoptera: Pieridae), a butterfly recorded on the mainland of Trinidad for the first time in over 100 years. *Living World* 2015: 73-74, 2 figs. ("July 2015", [June 2016])
- Morris, Gail**



2015. See Oberhauser, K. S. et al., 2015a.
- Morris, Jake**  
 2015. See Merrill, R. M. et al., 2015.  
 2019. See Rosser, N. et al., 2019b.
- Morris, Jake, Nicolás Navarro, Pasi M. Rastas, Lauren D. Rawlins, Joshua Sammy, James Louis Borlase Mallet and Kanchon Kumar Dasmahapatra**  
 2019. The genetic architecture of adaptation: convergence and pleiotropy in *Heliconius* wing pattern evolution. *Heredity* 123(2): 138-152, 7 figs., 1 tab. (August; published online 22 January) [*H. melpomene meriana* Turner, *H. m. aglaope* C. Felder & R. Felder; Surinam, Peru]
- Morris, John Goodlove** [1803-1895]  
 1860. Catalogue of the described Lepidoptera of North America. *Smithsonian miscellaneous Collections* 3(2): viii + 68 pp. (May) [general; Neotropics]  
 1862. Synopsis of the described Lepidoptera of North America. Part I. Diurnal and crepuscular Lepidoptera. *Smithsonian miscellaneous Collections* 4(133): xxvii + 358 pp., 28 figs. (February) [general; Neotropics]
- Morris, Michael G.**  
 1985. See Collins, N. M. & M. G. Morris, 1985.
- Morris, William G.**  
 2012. See Pris, A. D. et al., 2012.
- Morrison, Anna**  
 2014. See Nadeau, N. J. et al., 2014.
- Morrison, Clayton M.**  
 2008a. See Papa, R. et al., 2008a.  
 2008. See Baxter, S. W. et al., 2008.  
 2010. See Counterman, B. A. et al., 2010.
- Morrison, Colin R.**  
 2017. See Darragh, K. et al., 2017.  
 2019. See Concha, C. et al., 2019.
- Morrone, Juan José** [1962- ]  
 2000a. See Oñate, L. et al., 2000.  
 2000b. See Espinosa, D. et al., 2000.  
 2001. A formal definition of the Paramo-Punan biogeographic subregion and its provinces, based mainly on animal taxa. *Revista del Museo argentino de Ciencias naturales (nueva serie)* 3(1): 1-12, 7 figs. (July) [general]  
 2005. See Corona-López, A. M. et al., 2005.  
 2006. Biogeographic areas and transition zones of Latin America and the Caribbean Islands based on panbiogeography and cladistic analyses of the entomofauna. *Annual Review of Entomology* 51: 467-494, 2 figs., 1 tab. (January; published online 31 August 2005) [general]  
 2014. Biogeographical regionalisation of the Neotropical region. *Zootaxa* 3782(1): 1-110, 23 figs. (25 March) [general; endemisms]
- Morrone, Juan José, David Espinosa, Claudia Aguilar and Jorge Enrique Llorente**  
 1999. Preliminary classification of the Mexican biogeographic provinces: A parsimony analysis of endemism based on plants, insect, and bird taxa. *The Southwestern Naturalist* 44(4): 507-514, 3 figs. (December) [Papilionidae, Pieridae]
- Morrone, Juan José, David Espinosa and Jorge Enrique Llorente**  
 2002. Mexican biogeographic provinces: Preliminary scheme, general characterizations, and synonymies. *Acta zoológica mexicana* (N. S.) 85: 83-108, 1 fig. (April) [general]
- Mortensen, Ole Theodor Jensen** [1868-1952]  
 1917. Papers from Dr. Th. Mortensen's Pacific Expedition 1914-16. I. Observations on protective adaptations and habits, mainly in marine animals. *Videnskabelige Meddelelser fra dansk naturhistorisk Forening* 69: 57-96, pl. 1, 19 figs. (1 December) [Lycaenidae, *Gynaecia dirce* (Linnaeus); mimicry; behavior; Panama, West Indies]
1919. [A note]. *Proceedings of the entomological Society of London* 1919(1/2): xi-xii (15 August) [*Thecla* sp.; behavior; Panama]
- Morul** [pseudonym]  
 1947. Amigos y enemigos de la agricultura y la ganadería. La isoca de la alfalfa. *Argentina agrícola* 1(6): 30-31, 1 fig. (November) [*Colias lesbia* (Fabricius); life history; Argentina]
- Moscardi, Flávio** [1949-2012]  
 1981a. See Gazzoni, D. et al., 1981.  
 1981b. See Villas Boas, G. L. et al., 1981.  
 1981c. See Corso, I. C. & F. Moscardi, 1981.  
 1982a. See Villas Boas, G. L. & F. Moscardi, 1982.  
 1982b. *Plantas hospedeiras da lagarta do girassol*, *Chlosyne lacinia saundersii* [sic], no Estado do Paraná, pp. 25-26, 1 tab. In: *Resultados de Pesquisa de Girassol*. 1982. Londrina, Empresa Brasileira de Pesquisa Agropecuária (September) [Brazil]  
 1983. See Villas Boas, G. L. et al., 1983.  
 1985. See Villas Boas, G. L. & F. Moscardi, 1985.  
 2007a. See Cunha, F. et al., 2007a.  
 2007b. See Cunha, F. et al., 2007b.  
 2010. See Cunha, F. et al., 2010.
- Moscardi, Flávio, and Geni Litvin Villas Boas**  
 1982. *Influência da desfolha artificial, em quatro diferentes estádios fenológicos da planta, sobre o rendimento e outras características do girassol*, pp. 25-33, 5 tabs. In: *Resultados de Pesquisa de Girassol*. 1982. Londrina, Empresa Brasileira de Pesquisa Agropecuária (September) [Brazil]  
 1983a. *Plantas hospedeiras da lagarta do girassol*, *Chlosyne lacinia saundersii* [sic], no Estado do Paraná, p. 17. In: *Resultados de Pesquisa de Girassol*. 1983. Londrina, Empresa Brasileira de Pesquisa Agropecuária (August) [Brazil]  
 1983b. *Influência da desfolha artificial, em quatro diferentes estádios fenológicos da planta, sobre o rendimento e outras características do girassol*, pp. 17, 22-26, tabs. 9-12. In: *Resultados de Pesquisa de Girassol*. 1983. Londrina, Empresa Brasileira de Pesquisa Agropecuária (August) [Brazil]
- Moscardi, Flávio, Geni Litvin Villas Boas and Beatriz S. Corrêa Ferreira**  
 1982. *Ocorrência de parasitas da lagarta do girassol*, *Chlosyne lacinia saundersii* [sic], pp. 27-28, 34-35, 2 figs. In: *Resultados de Pesquisa de Girassol*. 1982. Londrina, Empresa Brasileira de Pesquisa Agropecuária (September) [host plant; Brazil]
- Moscarella, Javier**  
 1981. Sinfonía en verde y azul. *Boletín bibliográfico del Banco de la República* (Bogotá) 5: 208-216 [*Morpho sulkowskyi* Kollar; Colombia]
- Moschione, Flavio Nicolás**  
 2012. See Cozzi, E. A. & F. N. Moschione, 2012.  
 2013. See Núñez, E. O. et al., 2013.  
 2016. See Núñez, E. O. et al., 2016.  
 2018. See Klimaitis, J. F. et al., 2018a.
- Moscoso, Mayana Rabêlo**  
 2017. See Silva, J. M. et al., 2017b.  
 2019. See Silva, J. M. et al., 2019.
- Moser, Alfred**  
 2001. See Bálint, Z. & A. Moser, 2001.  
 2004. See Corseuil, E. et al., 2004.

2007. See Bálint, Z. & A. Moser, 2007.  
 2008. See Faynel, C. & A. Moser, 2008.  
 2009. See Bálint, Z. et al., 2009.  
 2010. See Kaminski, L. A. et al., 2010a.  
 2011a. See Freitas, A. V. L. et al., 2011a.  
 2011b. See Faynel, C. et al., 2011.  
 2011c. See Faynel, C. & A. Moser, 2011.  
 2012a. See Pedron, M. et al., 2011.  
 2012b. See Bellaver, J. et al., 2012.  
 2014a. See Siewert, R. R. et al., 2014a.  
 2014b. See Siewert, R. R. et al., 2014c.  
 2017. See Busby, R. C. et al., 2017.  
 2018. See Santos, J. P. dos et al., 2018.  
 2019. See Santos, J. P. dos et al., 2019.
- Mosley, Charles**  
 1926. *Caligo* sp. at Huddersfield. *Entomologist* 59(757): 171 (June) ["Jamaica" - false locality; cf. Bristow (2011)]
- Mosquera, Alexander**  
 1994. 44 especies de mariposas habitan en Maracaibo. *Ciencias* (Maracaibo) 10(74): 6, 1 fig. (December) [general; Venezuela]
- Moss, Arthur Miles** [1872-1948]  
 1908. *A souvenir of the Oroya Railroad. A brief pictorial account of the Peruvian Andes*. Lima, Charles F. Southwell. [2] + 12 pp., 64 pls. ([February]) [general; ecology]  
 1909. *A trip into the interior of Peru*. Lima, Charles F. Southwell. 35 + 2 + 3 pp., 176 figs., 1 map ([March]) [general; ecology; mimicry]  
 1920. The Papilios of Para. *Novitates zoologicae* 26(2): 295-319, pls. 2-4 (20 January) [general; life histories; Brazil]  
 1927a. The species of *Adelpha* occurring at Para. *Proceedings of the entomological Society of London* (A) 1(3): 33-34 (5 May) [Brazil]  
 1927b. "Terrifying attitude" in a hesperid pupa. *Proceedings of the entomological Society of London* (A) 1(3): 34 (5 May) [*Bungalotis erythus* (Cramer); Brazil]  
 1933a. Butterflies from the Amazonas attracted by coloured rags, etc. *Proceedings of the entomological Society of London* (A) 7(3): 60 (21 April) [*Morpho*, Heliconiinae; Brazil]  
 1933b. The early stages of Hesperidae from the Amazons. *Proceedings of the entomological Society of London* (A) 7(3): 60 (21 April) [Brazil]  
 1933c. The gregarious sleeping habits of certain Ithomiine and Heliconine butterflies in Brazil, pp. 66-67. In: Poulton, E. B., The gregarious resting habits of Danaine butterflies in Australia; also of Heliconine and Ithomiine butterflies in tropical America. *Proceedings of the entomological Society of London* (A) 7(3): 64-67 (21 April) [general; behavior]  
 1933d. Some generalizations on *Adelpha*, a Neotropical genus of nymphalid butterflies of the group Limenitidi. *Novitates zoologicae* 39(1): 12-20, pls. 1-2 (23 October) [general; life histories; Brazil]  
 1935. Some details concerning the brassolid butterfly, *Dynastor macrosiris*, its early stages, life-history and food-plants. *Proceedings of the entomological Society of London* (A) 9(3): 97-102 (29 March) [Brazil]  
 1947. Notes on the Syntomidae of Para, with special reference to wasp mimicry and fedegoso, *Heliotropium indicum* (Boraginaceae), as an attractant. *Entomologist* 80(1005): 30-35 (28 February) [Ithomiinae; Brazil]  
 1949. Biological notes on some "Hesperiidae" of Para and the Amazon. (Lep. Rhop.). *Acta zologica Lilloana* 7: 27-80, 5 pls. (31 December) [edited by K. J. Hayward] [general; life histories; Brazil]
- Mostacero, José**  
 2018. See Manno, N. et al., 2018.
- Mota, Alessandra Perazzo Barbosa**  
 1979a. Número de óvulos em fêmeas adultas da lagarta do coqueiro, *Brassolis sophorae* L. *Fitossanidade* (Fortaleza) 3(1/2): 19 (December) [Brazil]  
 1979b. See Bastos, J. A. M. et al., 1979.  
 1979c. See Lopes, L. de O. et al., 1979.
- Mota, Alessandra Perazzo Barbosa, and José Alberto Magalhães Bastos**  
 1980a. Largura das cápsulas cefálicas da lagarta roxa do maracujá, *Heliconius ethilla narcea* (Latreille), nos diversos instares. *Fitossanidade* 4(1): 27-29, 1 fig., 1 tab. (December) [Brazil]  
 1980b. Largura da cápsula cefálica da lagarta dos citros, *Papilio anchisiades capys* Huebner, nos diversos instares. *Fitossanidade* 4(1): 29-31, 1 fig., 1 tab. (December) [Brazil]
- Mota, Alessandra Perazzo Barbosa, and Luciene de Oliveira Lopes**  
 1980. Largura das cápsulas cefálicas da lagarta preta do maracujá, *Agraulis vanillae vanillae* (Linné), nos diversos instares. *Fitossanidade* 4(1): 25-26, 2 figs., 1 tab. (December) [Brazil]
- Mota, Luísa Lima e**  
 2012. See Kaminski, L. A. et al., 2012c.  
 2013. See Kaminski, L. A. et al., 2013.  
 2014. See Kaminski, L. A. et al., 2014.  
 2017a. See Silva, D. L. de et al., 2017.  
 2017b. See Shirai, L. T. et al., 2017b.  
 2019a. See Carvalho, A. P. dos S. de et al., 2019.  
 2019b. See Freitas, A. V. L. et al., 2019b.  
 2019c. See Freitas, A. V. L. et al., 2019d.  
 2019d. See Shirai, L. T. et al., 2019a.  
 2019e. See Shirai, L. T. et al., 2019b.
- Mota, Luísa Lima e, Lucas Augusto Kaminski and André Victor Lucci Freitas**  
 2014. Last instar larvae and pupae of *Ourocnemis archytas* and *Anteros formosus* (Lepidoptera: Riodinidae), with a summary of known host plants for the tribe Helicopini. *Zootaxa* 3838(4): 435-444, 29 figs., 1 tab. (21 July) [general]
- Mota, Luísa Lima e, and Paulo Sérgio Oliveira**  
 2016. Myrmecophilous butterflies utilise ant-treehopper associations as visual cues for oviposition. *Ecological Entomology* 41(3): 338-343, 2 figs. (June; published online 4 March) [*Parrhasius polibetes* (Stoll); host plant; behavior; Brazil]
- Mota, Luísa Lima e, Ana Kristina Silva, André Victor Lucci Freitas and Lucas Augusto Kaminski**  
 2016. Immature stages of *Archonias brassolis tereas* (Godart) (Pieridae: Pierini), with notes on interspecific interactions between mistletoe butterflies. *Journal of the Lepidopterists' Society* 70(4): 289-294, 13 figs. (2 December) [egg, larva, pupa; host plant; Brazil]
- Motono, Akira**  
 1985. Sixty years with butterflies. [In Japanese]. *Yadoriga* 124: 16-24, 12 figs. (30 December) [general]
- Motono, S.**  
 1993. *Libytheidae of the World* [In Japanese]. Tokyo, Kirihara Shoten. 52 pp., 9 pls., 10 figs. [general]
- Motta, Caroline Martins**  
 2017. See Roque, F. de O. et al., 2017.
- Motta, Catarina da Silva** [ -2012]  
 2007a. See Lourido, G. M. et al., 2007.  
 2007b. See Leite, K. C. A. et al., 2007.  
 2007c. See Barlow, B. J. et al., 2007a.  
 2008a. See Gardner, T. A. et al., 2008.

- 2008b. See Lourido, G. M. et al., 2008.
2009. See Lourido, G. M. & C. da S. Motta, 2009
- Motta, Paulo Cesar**
- 1990a. See Brown, K. S., Jr., J. R. Trigo, P. C. Motta et al., 1990.
- 1990b. See Brown, K. S., Jr., J. R. Trigo, R. B. Francini et al., 1990.
- 1990c. See Trigo, J. R. & P. C. Motta, 1990.
1991. See Brown, K. S., Jr. et al., 1991.
1997. See Pinto, A. de S. & P. C. Motta, 1997.
2002. Butterflies from the Uberlândia region, central Brazil: Species list and biological comments. *Brazilian Journal of Biology* 62(1): 151-163, 3 tabs. (28 February) [general]
2003. *Phylogenetic relationships of Ithomiinae based on first-instar larvae*, pp. 409-429, 7 figs., 6 tabs. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [general]
2004. See Ruzszyk, A. et al., 2004.
- Moucha, Josef [1930-1972], and Frantisek Procházka**
1963. *Beautiful Butterflies*. London, Spring Books. 135 pp., 56 pls. [general; Neotropics]
- Moulds, Maxwell Sydney [1941- ]**
1990. The butterflies of Costa Rica and their natural history: Papilionidae, Pieridae, Nymphalidae. Philip J. DeVries. 1987. *Australian entomological Magazine* 17(1): 35 (March) [general; book review]
- Moulin, Philippe**
1990. Technique pour tuer les papillons. *Bulletin de la Société Sciences Nat* 68: 18 (20 December) [Morphinae; French Guiana]
- Moulton, John Coney [1886-1926]**
1908. The collections of William John Burchell, D.C.L., in the Hope Department, Oxford University Museum. IV. On the Lepidoptera Rhopalocera collected by W. J. Burchell in Brazil, 1825-1830. VI. Nymphalinae. *Annals and Magazine of natural History* (8)2(8): 165-195 (1 August) [general; new subspecies: *Cystineura apicalis burchelli*]
- 1909a. On some of the principal mimetic (Mullerian) combinations of tropical American butterflies. *Transactions of the entomological Society of London* 1908(3/4): 585-606, pls. 30-34 (20 January) [general; new subspecies: *Melinaea pardalis madeira*]
- 1909b. The collections of William John Burchell, D.C.L., in the Hope Department, Oxford University Museum. IV. On the Lepidoptera Rhopalocera collected by W. J. Burchell in Brazil, 1825-1830. VI. Nymphalinae (continued). *Annals and Magazine of natural History* (8)3(13): 7-20 (1 January), (14): 98-111 (1 February) [general; new species: *Phyciodes burchelli*, *P. pedrona*]
- Mound, Laurence Alfred, J. H. Martin and Andrew Polaszek**
1994. The insect fauna of *Selaginella* (Pteridophyta: Lycopside), with descriptions of three new species. *Journal of natural History* 28(6): 1403-1415, 7 figs. [*Euptychia jesia* Butler, *E. mollis* Staudinger, *E. westwoodi* Butler, *E. molina* Hübner; host plants; Costa Rica]
- Moura, Flávia de Barros Prado**
2010. See Rios, P. A. F. et al., 2010.
- Moura, José Inácio Lacerda**
1990. *Bases para o manejo integrado das pragas do dendezeiro*. Ilhéus, Centro de Pesquisas do Cacau. 44 pp., 6 figs., 2 tabs. [*Caligo illioneus* (Cramer), *Opsiphanes invirae* (Hübner), *Brassolis sophorae* (Linnaeus); host plant; Brazil]
1996. See Zanetti, R. et al., 1996.
1997. See Ferreira, J. M. S. et al., 1997.
1998. See Ferreira, J. M. S. et al., 1998.
2000. See Zanetti, R. et al., 2000.
- Moura, José Inácio Lacerda, and Lindáurea Alves de Souza**
1991. Armadilhas tipo alcapão com iscas de cana-de-açúcar mais melado para *Opsiphanes invirae* (Huebner [1819] Lepidoptera: Nymphalidae: Brassolinae). *Agrotropica* (Ilhéus) 3(1): 59-61 (January-April) [Brazil]
- Moura, Luciano de Azevedo**
2008. See Grazia, J. et al., 2008.
- Moura, Marcelo Fialho de**
2003. See Picanço, M. C. et al., 2003.
- Moura, Marcelo Fialho de, Marcelo Coutinho Picanço, Alfredo Henrique Rocha Gonring and Cláudio Horst Bruckner**
2000. Seletividade de inseticidas a três Vespidae predadores de *Dione juno juno* (Lepidoptera: Heliconidae [sic]). *Pesquisa agropecuária brasileira* 35(2): 251-257, 1 fig., 4 tabs. (February) [host plant; Brazil]
- Moura, Priscila Albuquerque de**
2010. See Quek, S.-P. et al., 2010.
2011. See Hines, H. M. et al., 2011.
- Moura, Priscila Albuquerque de, Swee-Peck Quek, Márcio Zikán Cardoso and Marcus R. Kronforst**
2011. Comparative population genetics of mimetic *Heliconius* butterflies in an endangered habitat: Brazil's Atlantic forest. *BMC Genetics* 12(9): 1-8, 1 fig., 6 tabs. (20 January) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus)]
- Moura, Vicente Pongitory Gifoni**
1978. See Golfari, L. et al., 1978.
- Moure, Jean-Gabriel Amédée-Pisani [1808-1881]**
1839. Description de plusieurs espèces nouvelles du genre Papillon, par M. Th. Roger. *Actes de la Société linnéenne de Bordeaux* 10(Supplement): 53 (30 March) [general; *Papilio*; article review]
- Mouritsen, Henrik, Rachael Derbyshire, Julia Stalleicken, Ole Ø. Mouritsen, Barrie J. Frost and D. Ryan Norris**
2013. An experimental displacement and over 50 years of tag-recoveries show that monarch butterflies are not true navigators. *Proceedings of the national Academy of Sciences of the United States of America* 110(18): 7348-7353, 5 figs. (30 April; published online 8 April) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Mouritsen, Ole Ø.**
2013. See Mouritsen, H. et al., 2013.
- Moxon, Simon**
2011. See SurrIDGE, A. K. et al., 2011.
2012. See Dasmahapatra, K. K. et al., 2012.
- Moya, Gonzalo Efrain**
2000. See Otero, L. S. et al., 2000.
- Moya, Robert S. de, Wesley K. Savage, Chris Tenney, Xiaoshan Bao, Niklas Wahlberg and Ryan I. Hill**
2017. Interrelationships and diversification of *Argynnis* Fabricius and *Speyeria* Scudder butterflies. *Systematic Entomology* 42(4): 635-649, 3 figs., 3 tabs. (October; published online 13 May) [general]
- Moyers-Arévalo, Leticia, and Zenón Cano-Santana**
2008. *Fenología de la comunidad de mariposas diurnas del Pedregal de San Ángel y su relación con la fenología floral de las plantas y otros factores ambientales*, pp. 355-360, 2 figs. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 7. México, Sociedad mexicana de Entomología. [general]
2009. *Fenología de la comunidad de mariposas diurnas y su relación con la fenología floral de las plantas y otros factores ambientales*, pp. 411-419, 7 figs. In: Lot, A. & Z. Cano-Santana (Eds.), *Biodiversidad del ecosistema del Pedregal de San Ángel*. México, Universidad Nacional Autónoma de México. [general; Mexico]
- Mu, Zhengzhi**

2015. See Niu, S. et al., 2015.
2016. See Niu, S. et al., 2015.
- Mu, Zhongde**
2017. See Elbaz, A. et al., 2017.
- Muedas, Manuel**
1990. See Mallet, J. L. B. et al., 1990.
- Mühlberger, Nina**
2002. See Krenn, H. W. & N. Mühlberger, 2002.
- Mühlenberg, Eva**
1999. See Beck, J. et al., 1999.
- Müller, Adolf**
1957. Zur Morphologie der Schuppen des Flügelrandes der Gattung *Colias* Fabricius (Lepidopt.). *Mitteilungen der münchener entomologischen Gesellschaft* 47: 200-222, 12 figs. (1 December) [general; Honduras, Chile, Bolivia]
- Müller, Antonio Agostinho**
2010. See Ribeiro, R. C. et al., 2010.
- Müller, Caroline**
2009. See Opitz, S. E. W. & C. Müller, 2009.
- Müller, Chris J.**
2010. See Kodandaramaiah, U. et al., 2010.
- 2018a. See Sahoo, R. K. et al., 2018.
- 2018b. See Kodandaramaiah, U. et al., 2018.
- Müller, Chris J., and Luciano B. Beheregaray**
2010. Palaeo island-affinities revisited – Biogeography and systematics of the Indo-Pacific genus *Cethosia* Fabricius (Lepidoptera: Nymphalidae). *Molecular Phylogenetics and Evolution* 57(1): 314-326, 4 figs., 2 tabs. (October; published online 14 July) [general; Neotropics]
- Müller, Chris J., Niklas Wahlberg and Luciano B. Beheregaray**
2010. 'After Africa': the evolutionary history and systematics of the genus *Charaxes* Ochsensheimer (Lepidoptera: Nymphalidae) in the Indo-Pacific region. *Biological Journal of the Linnean Society* 100(2): 457-481, 4 figs. (June; published online 19 May) [*Anaea troglodyta astina* (Fabricius), *Archaeoprepona demophon* (Linnaeus)]
- Müller, Christian Gustav Wilhelm** [1857-1940]
- 1886a. Südamerikanische Nymphalidenraupen. Versuch eines natürlichen Systems der Nymphaliden. *Zoologische Jahrbücher (Systematik)* 1(3/4): 417-678, pls. 12-15, 3 figs. (18 August) [also published separately; Jena, Gustav Fischer, x + 255 pp., 4 pls., 3 figs.; 1886] [general; host plants; eggs, larvae, pupae]
- 1886b. Schutzvorrichtungen bei Nymphalidenraupen. *Kosmos* (Stuttgart) 19(5): 351-361 (30 November) [general]
- Müller, Gerhard**
- 1991a. Wanderungen von *Dryas julia* [sic] (Fabricius, 1775) und *Heliconius charitonius* (Linnaeus, 1767) auf Kuba (Lepidoptera, Heliconiidae). *Atalanta* 21(3/4): 175-177, pl. 1 (11 February)
- 1991b. Nachtrag zu "Wanderungen von *Dryas julia* [sic] (Fabricius, 1775) und *Heliconius charitonius* (Linnaeus, 1767) auf Kuba" (Lepidoptera, Heliconiidae). *Atalanta* 22(2/4): 69 (December)
- Müller, Johann Friedrich Theodor** ["Fritz"] [1822-1897]
1876. Einige Worte über *Leptalis*. *Jenaische Zeitschrift für Naturwissenschaft* 10(91): 1-12, 2 figs. (15 February) [general; mimicry; new species: *L. thalia*; Brazil]
- 1877a. A correlação das flores versicolores e dos insectos pronubos. *Archivos do Museu nacional do Rio de Janeiro* 2: 19-23 (January) [general; ecology; Brazil]
- 1877b. As máculas sexuaes dos individuos masculinos das especies *Danaüs erippus* e *D. gilippus*. *Archivos do Museu nacional do Rio de Janeiro* 2: 25-29, pl. 2 (January) [morphology; Brazil]
- 1877c. Os órgãos odoríferos das especies *Epicalia acontius*, Lin. e de *Myscelia orsis*, Dru. *Archivos do Museu nacional do Rio de Janeiro* 2: 31-35, pl. 3 (January) [morphology; Brazil]
- 1877d. Os órgãos odoríferos nas pernas de certos lepidópteros. *Archivos do Museu nacional do Rio de Janeiro* 2: 37-42, pl. 5 (January) [general; morphology; Brazil]
- 1877e. Os órgãos odoríferos nas pernas de certos lepidoptores [sic] (supplemento). *Archivos do Museu nacional do Rio de Janeiro* 2: 43-46, pl. 4 (January) [Hesperiidae; morphology; Brazil]
- 1877f. Über Haarpinsel, Filzflecke und ähnliche Gebilde auf den Flügeln männlicher Schmetterlinge. *Jenaische Zeitschrift für Naturwissenschaft* 11(1): 99-114 (20 March) [general; Brazil]
- 1877g. Schmetterlingsdufte. *Kosmos* (Leipzig) 1(3): 260-261 (June) [general; Brazil]
- 1877h. Die Maracujafalter. *Stettiner entomologische Zeitung* 38 (10/12): 492-496 (late August) [Heliconiinae; Brazil]
- 1877i. Beobachtungen an brasilianischen Schmetterlingen. I. *Kosmos* (Leipzig) 1(6): 388-395, 6 figs. (September) [general; morphology]
- 1877j. Beobachtungen an brasilianischen Schmetterlingen. II. *Kosmos* (Leipzig) 2(7): 38-42, 7 figs. (October) [general; morphology]
- 1877k. On flowers and insects. *Nature* (London) 17(422): 78-79 (29 November) [general; Brazil]
- 1877l. Die Stinkkölbchen der weiblichen Maracujá-Falter. *Zeitschrift für wissenschaftliche Zoologie* 30(1): 167-170, pl. 9 (30 November) [general; Brazil]
- 1877m. Beobachtungen an brasilianischen Schmetterlingen. III. *Kosmos* (Leipzig) 2(9): 218-224, 4 figs. (December) [general; host plants; larvae, pupae; morphology]
- 1878a. Die Duftschuppen der Schmetterlinge. *Entomologische Nachrichten* 4(3): 29-32 (1 February) [general; morphology; Brazil]
- 1878b. [A note]. *Proceedings of the entomological Society of London* 1878(1): ii-iv, 1 fig. (24 April) [with remarks by R. Meldola and A. G. Butler] [Pieridae; Brazil]
- 1878c. Pflanzengattungen, an denen mir bekannte Tagfalter-Raupen leben. *Stettiner entomologische Zeitung* 39(7/9): 296 (late April) [general; Brazil]
- 1878d. Blumen der Luft. *Kosmos* (Leipzig) 3(2): 187 (May) [*Papilio grayi* Boisduval; Brazil]
- 1878e. Ueber *Numenia* [sic] *acontius*. *Zoologischer Anzeiger* 1(1): 13-14 (1 July) [Brazil; *Catonephele*]
- 1878f. Ueber Gerüche von Schmetterlingen. *Zoologischer Anzeiger* 1(2): 32 (15 July) [Pieridae, *Didonis biblis* (Fabricius); Brazil]
- 1878g. Ueber die Vortheile der Mimicry bei Schmetterlingen. *Zoologischer Anzeiger* 1(3): 54-55 (29 July) [general; Brazil]
- 1878h. Notes on Brazilian entomology. *Transactions of the entomological Society of London* 1878(3): 211-223 (16 October) [general; odors, sounds, colors; mimicry]
- 1878i. Os órgãos odoríferos da *Antirrhoea archaëa* Hübner. *Archivos do Museu nacional do Rio de Janeiro* 3(1/2): 1-7, pl. 1 [morphology; Brazil]
- 1878j. A prega costal das hesperideas. *Archivos do Museu nacional do Rio de Janeiro* 3(1/2): 41-50, pls. 5-6 [general; morphology; Brazil]
- 1879a. *Epicalia acontius*. Ein ungleiches Ehepaar. *Kosmos* (Leipzig) 4(10): 285-292, 6 figs. (January) [Brazil]
- 1879b. *Ituna* und *Thyridia*. Ein merkwürdiges Beispiel von Mimicry bei Schmetterlingen. *Kosmos* (Leipzig) 5(2): 100-108, 4 figs. (May) [translation in *Proceedings of the entomological Society of London* 1879(2): xx-xxiv (7 August), (3/4): xxv-xxix, 4 figs. (27 December)] [general;

- Brazil]
- 1879c. [A note]. *Proceedings of the entomological Society of London* 1879(2): ii (7 August) [*Eueides pavana* Ménétrés, *Acraea thalia* (Linnaeus); mimicry; Brazil]
1882. Bemerkenswerte Fälle erworbener Aehnlichkeit bei Schmetterlingen. *Kosmos* (Stuttgart) 10(19): 257-267, pl. 6 (5 January) [general; Brazil]
- 1883a. Die Farben der Puppen von *Papilio polydamas*. *Kosmos* (Stuttgart) 12(12): 448 (25 March) [general; Brazil]
- 1883b. Angebissene Flügel von *Acraea thalia*. Nachtrag zu dem Aufsätze über die Aehnlichkeit durch Ungeniessbarkeit geschützter Schmetterlingsarten. *Kosmos* (Stuttgart) 13(3): 197-201, 6 figs. (25 June) [Brazil]
- 1883c. Der Anhang am Hinterleibe der *Acraea*-Weibchen. *Zoologischer Anzeiger* 6(145): 415-416 (6 August) [general; Brazil]
- 1883d. Eine Ausgabe für Lepidopterologen. *Berliner entomologische Zeitschrift* 27(2): 214-216 (November) [general; Brazil]
- 1884a. Butterflies as botanists. *Nature* (London) 30(767): 240 (10 July) [also in *Entomologische Nachrichten* 10(13): 190; July 1884] [general; Brazil]
- 1884b. [A note]. *Proceedings of the entomological Society of London* 1884(3): xxiii-xxiv (10 November) [general; food plants; behavior; Brazil]
- Müller, Max** [1865-1934], and **Wilhelm Schuster**
1927. Die Kerbtierwelt der Insel Seymour. Neue entomologische Erforschung der Galapagos-Inseln durch Beebe. Spinnewebe als Vogelnetze? *Societas entomologica* 42(6): 21-24, 3 figs. (1 June) [general]
- Müller, Philip Ludwig Stadius** [1725-1776]
1774. *Des Ritters Carl von Linné königlich schwedischen Leibarztes u. u. vollständiges Natursystem nach der zwölften lateinischen Ausgabe und nach Anleitung des holländischen Houttuynischen Werks mit einer ausführlichen Erklärung ausgefertigt*. Nürnberg, Gabriel Nicolaus Raspe. 5(1): [16] + 758 pp., 22 pls. ([21 November]) [general]
1775. *Atlas*, pp. 427-429. In: *Neuer Schauplatz der Natur nach den richtigsten Beobachtungen und Versuchen in alphabetischer Ordnung durch eine Gesellschaft von Gelehrten*. Leipzig, M. G. Weidmanns Erben und Reich. 1: xvi + 1046 pp., frontisp. [suppressed; ICZN, Opinion 89] [*Papilio menelaus* Linnaeus, *P. teucer* Linnaeus, *P. idomeneus* Linnaeus; Surinam]
1776. *Des Ritters Carl von Linné königlich schwedischen Leibarztes u. u. vollständiges Natursystems. Supplements- und Register-Band über alle sechs Theile oder Classen des Thierreichs. Mit einer ausführlichen Erklärung ausgefertigt*. Nürnberg, Gabriel Nicolaus Raspe. [xvi] + 384 + [40] + 536 pp., 3 pls. ([21 April]) [general]
- Münste, R.**
1988. See Palladini, R. et al., 1988.
- Müsch, Irmgard** [1967- ]
2004. *Albertus Seba. Butterflies & Insects*. Köln, Taschen. 127 pp., figs. [general; history; Neotropics]
- Müsch, Irmgard, and Rainer Willmann and Jes Rust**
2001. *Albertus Seba. Cabinet of natural curiosities. Locupletissimi rerum naturalium thesauri 1734-1765. Based on the copy in the Koninklijke Bibliotheek, The Hague*. Köln, Taschen. 588 pp., pls., figs. [general; history; Neotropics]
- Muesebeck, Carl Frederick William** [1894-1987]
1958. New neotropical wasp of the family Braconidae (Hymenoptera) in the U. S. National Museum. *Proceedings of the United States national Museum* 107(3389): 405-461, 4 figs. (27 January) [*Opsiphanes cassiae* (Linnaeus), *Morpheis ehrenbergii* Geyer, Hesperidae, Riodinidae; host plants; parasitoids; Venezuela, Brazil, Mexico]
- Muir, Giulia**
2013. See Huis, A. van et al., 2013.
- Mulanovich, Augusto José**
2003. Mariposas en el corazón de Madre de Dios. *Viajeros* (Lima) 1(3): 50-59, figs. (March) [general; Peru]
2007. *Mariposas. Guía para el manejo sustentable de las mariposas del Perú*. Lima, Comisión para la Promoción de Exportaciones - PROMPEX. 98 pp., figs. (March) [general; host plants]
- Mullahey, John Jeffrey**
1996. See Medal, J. C. et al., 1996.
- Mullany, Frances, Georgina Hollands and Jake L. Snaddon**
2018. Immediate impact of a hurricane on the structure of a tropical butterfly community. *Biotropica* 50(3): 487-490, 1 fig., 1 tab. (May; published online 15 May) [general; Belize]
- Mullen, Sean P.**
2006. Wing pattern evolution and the origins of mimicry among North American admiral butterflies (Nymphalidae: *Limenitis*). *Molecular Phylogenetics and Evolution* 39(3): 747-758, 4 figs., 3 tabs. (June; published online 24 February) [general]
- 2012a. See Dasmahapatra, K. K. et al., 2012.
- 2012b. See Kronforst, M. R. et al., 2012.
2013. See Kronforst, M. R. et al., 2013.
2014. See Gallant, J. R. et al., 2014.
2015. See Ebel, E. R. et al., 2015.
2017. See Finkbeiner, S. D. et al., 2017b.
- 2018a. See Finkbeiner, S. D. et al., 2018.
- 2018b. See Schilling, M. P. et al., 2018.
2019. See Hill, R. I. & S. P. Mullen, 2019.
- Mullen, Sean P., Wesley K. Savage, Niklas Wahlberg and Keith Richard Willmott**
2011. Rapid diversification and not clade age explains high diversity in neotropical *Adelpha* butterflies. *Proceedings of the royal Society of London* (B) 278(1713): 1777-1785, 4 figs. (22 June; published online 24 November 2010) [general; evolution; biogeography]
- Mullins, Douglas**
1984. See Austin, G. T. & D. Mullins, 1984.
- 2017a. Rearing the Silver Emperor in Arizona: *Doxocopa laure* life history. *News of the Lepidopterists' Society* 59(1): 32-35, 14 figs. (23 February) [egg, larva, pupa, imago; host plants; Neotropics]
- 2017b. Corrections to "Rearing the Silver Emperor in Arizona," *Lep Soc News* 59: 1, 32-35. *News of the Lepidopterists' Society* 59(3): 127 (25 August) [*Doxocopa laure* (Drury); Mexico]
- Mummary, Rosemary**
1978. See Rothschild, M. L. et al., 1978.
1986. See Rothschild, M. L. et al., 1986.
- Mundaca, Nelly**
1989. See Neira, M. et al., 1989.
- Munevar, Jairo Antonio**
2014. See Urbano, P. M. et al., 2014.
- Munguira, Miguel López**
2001. See Elmes, G. W. et al., 2001.
2009. See Modolell, J. et al., 2009.
- Muniappan, Rangaswamy**
2009. See Zachariades, C. et al., 2009.
- Muniappan, Rangaswamy, and Jesse Bamba**
2000. *Biological control of Chromolaema odorata: Successes*

- and failures, pp. 81-85. In: Spencer, N. R. (Ed.), *Proceedings of the X International Symposium on Biological Control of Weeds*. Bozeman, Montana State University. [*Actinote anteus* (Doubleday)]
- Muniz, Danilo Germano**  
2012. See Peixoto, P. E. C. et al., 2012.
- Muniz, Danilo Germano, André Victor Lucci Freitas and Paulo Sérgio Oliveira**  
2012. Phenological relationships of *Eunica bechina* (Lepidoptera: Nymphalidae) and its host plant, *Caryocar brasiliense* (Caryocaraceae), in a Neotropical savanna. *Studies on neotropical Fauna and Environment* 47(2): 111-118, 4 figs. (August; published online 6 July) [behavior; Brazil]
- Munizaga, Carlos [1917-1993], and José Valentín Herrera**  
1957. Notas etnoentomológicas de Socaire. (Obtenidas durante la Expedición Chileno-Alemana a Socaire, en mayo de 1957). *Notas del Centro de Estudios antropológicos, Universidad de Chile* 1: 3-9 [*Tatochila*, *Vanessa*, *Satyrinae*; Chile]
- Munro, Jonathan Alexander [1896-1984]**  
1955. Insectos de Bolivia identificados por el Departamento de Agricultura de Estados Unidos. Diciembre 1951 - Marzo 1955. *Publicación especial. Servicio agrícola interamericano* (La Paz) 7: 1-5 (June) [general; host plants]
- Munroe, Eugene Gordon [1919-2008]**  
1942. The Caribbean races of *Anartia jatrophae* Johansson (Lepidoptera: Nymphalidae). *American Museum Novitates* 1179: 1-4 (28 July) [general; new subspecies: *A. j. guantanamo*, *A. j. semifusca*, *A. j. intermedia*]  
1947. Four new Pieridae from the West Indies. *American Museum Novitates* 1362: 1-5 (4 November) [*Phoebis (Aphrissa) orbis browni*, *P. (A.) statira hispaniolae*, *Eurema (Abaeis) nicippiformis*, *E. (Pyrisitia) euterpiformis*]  
1949a. A new genus of Nymphalidae and its affinities (Lepidoptera, Rhopalocera). *Journal of the New York entomological Society* 57(1): 67-78 (26 February) [*Archimestra*; Hispaniola]  
1949b. Some remarks of the genus concept in Rhopalocera. *Lepidopterists' News* 3(1): 3-4 (28 February) [general; Neotropics]  
1949c. Some remarks on the *orithya* group of the genus *Junonia* (Lep., Nymphalidae). *Entomologist* 82(1034): 157-158 (18 July) [general]  
1950. The *dina* group of the genus *Eurema* in the West Indies (Lepidoptera, Pieridae). *Journal of the New York entomological Society* 58(3): 172-191 (11 October) [general; new subspecies: *E. chamberlaini inaguae*]  
1951a. The systematics of *Calisto* (Lepidoptera, Satyrinae), with remarks on the evolutionary and zoogeographic significance of the genus. *Journal of the New York entomological Society* 58(4): 211-240 (19 February) [general; new subspecies: *C. smintheus bradleyi*; West Indies]  
1951b. The genus *Junonia* in the West Indies (Lepidoptera, Nymphalidae). *American Museum Novitates* 1498: 1-16 (3 April) [general; new subspecies: *J. evarete michaellesi*]  
1951c. The De Rabié paintings of Lepidoptera in the Blacker Library of Zoology, McGill University, with notes on the butterflies represented therein. *Lepidopterists' News* 5(6/7): 55-57 (9 November) [general; Haiti]  
1953. The phylogeny of the Papilionidae. *Proceedings of the Seventh Pacific Science Congress* (Auckland) 4: 83-87 [general]  
1957. Comparison of closely related faunas. *Science* 126(3271): 437-439 (6 September) [general; West Indies]
- [1961]. The classification of the Papilionidae (Lepidoptera). *Canadian Entomologist* 93(Supplement 17): 1-51, 2 figs. ([27 October]) [general]  
1963. Characteristics and history of the North American Fauna: Lepidoptera. *Proceedings. XVI international Congress of Zoology* (Washington, D.C.) 4: 21-27 (20 August) [general; Mexico]  
1971a. A new name for *Papilio zetes* Westwood, 1847, nec Linnaeus, 1758 (Papilionidae). *Journal of the Lepidopterists' Society* 25(2): 142 (19 May) [*P. zetides*; República Dominicana]  
1971b. Distribution and geographical differentiation of *Marpesia eleucea* Hübner (Nymphalidae), with descriptions of two new subspecies. *Journal of the Lepidopterists' Society* 25(3): 185-193, 16 figs. (20 August) [general; *M. e. bahamensis*, *M. e. dospassosi*; West Indies]  
1982a. Wing patterns in the Lepidoptera. *Bulletin of the entomological Society of Canada* 14(4): 103-112, 1 fig. (December) [general]  
1982b. *Lepidoptera*, pp. 612-651. In: Parker, S. P. (Ed.), *Synopsis and classification of living organisms*. New York, McGraw-Hill Book Company [general]  
1988. See Smith, D. S. et al., 1988.  
1989. See Smith, D. S. et al., 1989.  
2009. See Janzen, D. H. et al., 2009.
- Munroe, Eugene Gordon, and Paul Ralph Ehrlich**  
1961. Harmonization of concepts of higher classification of the Papilionidae. *Journal of the Lepidopterists' Society* 14(3): 169-175, 1 fig. (16 June) [general]
- Munroe, L.**  
1994. See Duodu, Y. A. et al., 1994.
- Munsey, Larry D.**  
2003. See Meerman, J. C. & L. D. Munsey, [2003].
- Muñiz, Ana María, Guadalupe del Río, Gabriel Sánchez and Elia Hernández**  
1999. *Participación comunitaria: un proceso a largo plazo de manejo y aprovechamiento de recursos naturales*, pp. 367-370. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Muñoz, Alejandro Alfonso, and Mary Therese Kalin Arroyo**  
2003. Negative impacts of a vertebrate predator on insect pollinator visitation and seed output in *Chuquiraga oppositifolia*, a high Andean shrub. *Oecologia* 138(1): 66-73, 5 figs. (January 2004; published online 9 October 2003) [*Cosmosatyrus chiliensis* (Guérin); Chile]
- Muñoz, Alejandro Alfonso, Constanza Celedon-Neghme, Lohengrin Alexis Cavieres and Mary Therese Kalin Arroyo**  
2005. Bottom-up effects of nutrient availability on flower production, pollinator visitation, and seed output in a high-Andean shrub. *Oecologia* 143(1): 126-135, 5 figs. (March) [*Cosmosatyrus chilensis* (Guérin); Chile]
- Muñoz, Astrid Geovana**  
2008. See Arias, C. F. et al., 2008.  
2015. See Sánchez, Á. P. et al., 2015.
- Muñoz, Astrid Geovana, Simon Wade Baxter, Mauricio Linares and Christopher David Jiggins**  
2011. Deep mitochondrial divergence within a *Heliconius* butterfly species is not explained by cryptic speciation or endosymbiotic bacteria. *BMC evolutionary Biology* 11(358): 1-11, 3 figs., 4 tabs. (12 December) [*Heliconius erato chestertonii* Hewitson; Colombia]
- Muñoz, Astrid Geovana, Camilo Andrés Salazar, July Castaño,**

- Christopher David Jiggins and Mauricio Linares**  
2010. Multiple sources of reproductive isolation in a bimodal butterfly hybrid zone. *Journal of Evolutionary Biology* 23(6): 1312-1320, 2 figs., 3 tabs. (June; published online 23 April) [*Heliconius erato chesteronii* Hewitson, *H. e. venus* Staudinger; Colombia]
- Muñoz, Carlos**  
2007. See Torres, C. et al., 2007.
- Muñoz, Jesús**  
2011. See Feria, T. P. et al., 2011.  
2014. See Fajardo, J. et al., 2014.
- Muñoz, Jhonatan Andrés**  
2011. See Muriel, S. B. et al., 2011.  
2015. See Muriel, S. B. et al., 2015.
- Muñoz, Jhonatan Andrés, Alejandra Restrepo and Sandra Bibiana Muriel**  
[2013]a. *Actividad de los enemigos naturales de las mariposas en los agroecosistemas de café*, pp. 85-90, figs. 30-34. In: Muriel, S. B., J. I. Montoya, A. Restrepo, J. A. Muñoz, H. David, J. A. Betancur, Y. Vásquez & D. Urueña, *Agroecosistemas de café: Hábitats para las mariposas silvestres*. Medellín, Politécnico Colombiano Jaime Isaza Cadavid. ("2011"; [2013]) [Ithomiini; parasitoids; predators; pathogens; Colombia]  
2013b. Nuevos registros de parasitoides de cuatro especies de Ithomiini (Lepidoptera: Nymphalidae: Danainae), asociados a plantas hospederas de *Solanum* (Solanaceae) en fincas cafeteras de Antioquia – Colombia. *Boletín del Museo de Entomología de la Universidad del Valle* 14(1): 70-74, 1 tab. (August) [*Dircenna dero* (Hübner), *Ceratinia tutia* (Hewitson), *Mechanitis menapis* Hewitson, *Pteronymia picta dispar* Haensch]
- Muñoz, José B., Nazario Dugum and Henry Faneitte**  
1989. Contribución al conocimiento de los insectos que atacan cultivos de relativa importancia económica en la Isla de Margarita, estado Nueva Esparta. *Boletín de Entomología venezolana* (N.S.) 5(8): 58-73 (July) [*Papilio anchisiades* Esper, *P. homothoas* Rothschild & Jordan, *Ascia monuste* (Linnaeus); host plants; Venezuela]
- Muñoz, Philip**  
2014. See England, G. et al., 2014.
- Muñoz, Rafael A.**  
2012. See Santos, A. et al., 2012.
- Murakami, Y.**  
2007. See Shinkawa, T. et al., 2007.
- Murariu, Dumitru, and Aurelian Popescu-Gorj**  
1996. Muzeul de Istorie Naturale "Grigore Antipa" in Bucharest, Romania. *Holarctic Lepidoptera* 3(2): 43-46, 9 figs. (16 December) [general]
- Murata, Yasutaka** [1947- ]  
1992. *Dreams Butterflies Beauty*. Osaka, Hoikusha Publishing Company. 115 pp., figs. [general; behavior; Brazil, Argentina]  
1996a. Butterfly treasury around Iguass [sic] Falls. *Yadoriga* 166: 2-4, figs. (1 June) [In Japanese] [general; Brazil, Argentina]  
1996b. *Butterflies in Nature*. Kyoto, Hoikusha. [ii] + 136 + 15 pp., 101 figs., 1 map [In Japanese] [Includes separate essay in English, titled "Agrías of the Amazon"] [general; Argentina, Brazil]  
1998a. Notes on the evolutionary process of butterflies and butterfly fossils (Part I). *Butterflies* (Tokyo) 20: 4-17, 41 figs., 2 tabs. (31 August) [In Japanese] [general]  
1998b. Notes on the evolutionary process of butterflies and butterfly fossils (Part II). *Butterflies* (Tokyo) 21: 27-40, figs. 42-55, 2 tabs., 4 maps (15 December) [In Japanese] [general]
2003. [The paradise of the butterfly in the Peruvian hinterland]. *Butterflies* (Tokyo) 37: 46-48, 4 figs. (31 October) [In Japanese] [general]
2008. Visiting Amazon, in search for *Agrías phalcidon*. *Butterflies* (Teinopalpus) 48: 43-52, 21 figs. (20 April) [behavior; Brazil]
- Murata, Yasutaka, and Daisaburo Okumoto**  
2001. *Flying jewels. Butterfly images*. Tokyo, Shû-ei-sha. 104 pp., figs. (March) [general]
- Murawski, Darlyne A.**  
1987a. Floral resource variation, pollinator response, and potential pollen flow in *Psiguria warscewiczii*. *Ecology* 68(5): 1273-1282, 5 figs., 5 tabs. (October) [*Heliconius*; Costa Rica]  
1987b. See Mallet, J. L. B. et al., 1987.  
1993. Passion vine butterflies. A taste for poison. *National Geographic* 184(6): 122-137, figs. (December) [*Heliconius*; ecology; behavior; host plants]
- Murawski, Darlyne A., and Lawrence Edmund Gilbert**  
1986. Pollen flow in *Psiguria warscewiczii*: a comparison of *Heliconius* butterflies and hummingbirds. *Oecologia* 68(2): 161-167, 4 figs., 2 tabs. (January) [Costa Rica]
- Murayama, Shû-Iti**  
1969. [On the genus *Colias* and *Gonepteryx* of the world]. *Mushi Doyu Kai News* 21(2): 2-12, 2 maps (December) [general]
- Muriel, Sandra Bibiana**  
2006. Mariposas Ithomiinae (Fam: Nymphalidae) de parches de vegetación natural del suroccidente antioqueño (Colombia). *Boletín del Museo de Entomología de la Universidad del Valle* 7(2): 1-8, 3 tabs., 1 fig. (December) [general]  
2009. See Orozco, S. et al., 2009.  
[2013]a. *Conservación de la biodiversidad en los paisajes rurales y agroecosistemas*, pp. 19-23, fig. 1. In: Muriel, S. B., J. I. Montoya, A. Restrepo, J. A. Muñoz, H. David, J. A. Betancur, Y. Vásquez & D. Urueña, *Agroecosistemas de café: Hábitats para las mariposas silvestres*. Medellín, Politécnico Colombiano Jaime Isaza Cadavid. ("2011"; [2013]) [Ithomiini; Colombia]  
[2013]b. See Muñoz, J. A. et al., [2013]a.  
2013c. See Muñoz, J. A. et al., 2013b.  
2016. See Hernández-Baz, F. et al., 2016a.
- Muriel, Sandra Bibiana, Heriberto David and Yeison Vásquez**  
[2013]b. *Especies vegetales usadas por las mariposas silvestres adultas*, pp. 63-83, figs. 21-29. In: Muriel, S. B., J. I. Montoya, A. Restrepo, J. A. Muñoz, H. David, J. A. Betancur, Y. Vásquez & D. Urueña, *Agroecosistemas de café: Hábitats para las mariposas silvestres*. Medellín, Politécnico Colombiano Jaime Isaza Cadavid. ("2011"; [2013]) [general; Colombia]
- Muriel, Sandra Bibiana, and Audrey A. Grez**  
2002. Effect of plant patch shape on the distribution and abundance of three lepidopteran species associated with *Brassica oleracea*. *Agricultural and Forest Entomology* 4(3): 179-185, 4 figs., 3 tabs. (August) [*Pieris brassicae* (Linnaeus); Chile]
- Muriel, Sandra Bibiana, and Gustavo H. Kattan**  
2009. Effects of patch size and type of coffee matrix on ithomiine butterfly diversity and dispersal in cloud-forest fragments. *Conservation Biology* 23(4): 948-956, 4 figs., 1 tab. (August; published online 6 April) [general; Colombia]
- Muriel, Sandra Bibiana, Jorge Ignacio Montoya, Alejandra Restrepo, Jorge Andrés Betancur and Diana Urueña**  
[2013]a. *Mariposas rhopaloceras registradas en los*

- agroecosistemas de café*, pp. 25-62, figs. 2-20. In: Muriel, S. B., J. I. Montoya, A. Restrepo, J. A. Muñoz, H. David, J. A. Betancur, Y. Vásquez & D. Urueña, *Agroecosistemas de café: Hábitats para las mariposas silvestres*. Medellín, Politécnico Colombiano Jaime Isaza Cadavid. ("2011"; [2013]) [general; Colombia]
- Muriel, Sandra Bibiana, Jorge Ignacio Montoya, Alejandra Restrepo and Jonathan Andrés Muñoz**
2011. Nuevos registros de plantas hospederas y disponibilidad de recursos para mariposas lthomiini (Lepidoptera: Nymphalidae: Danainae), en agroecosistemas de café colombianos. *Actualidades biológicas* (Medellín) 33(95): 275-285, 1 fig., 5 tabs. (December) [general]
- Muriel, Sandra Bibiana, Jhonatan Andrés Muñoz ad Alejandra Restrepo**
2015. Parasitoidismo de dos especies de mariposas en dos sistemas de producción de café. *Revista colombiana de Entomología* 40(2): 251-258, 3 figs., 2 tabs. ("December 2014", 2015) [*Mechanitis menapis* Hewitson, *Eurema arbela grata* (Doubleday); host plants; Colombia]
- Murienne, Jérôme**
2016. See Cally, S. et al., 2016.  
2018. See Garzón, I. J. et al., 2018.  
2019. See Benmesbah, M. et al., 2019.
- Murillo, Ana María, Gina Paola Robayo and Oscar Javier Mahecha**
2018. Mariposas asociadas a humedales en el municipio de Soacha, Cundinamarca, Colombia (Lepidoptera: Papilionoidea). *Shilap* 46(182): 207-219, 6 figs., 2 tabs. (30 June) [general]
- Murillo, Katiana**
1995. Zoocriaderos. Entre la conservación y el aprovechamiento. *Neotropica* (San José) 1: 14-17, figs. [general; Costa Rica]
- Murillo, Leydis**
2019. See Ricardo-Molina, J. C. et al., 2019.
- Murillo, Leidys, Blanca Claudia Hernández and Jorge Enrique Llorente**
2016. The phylogenetic position of *Aphrissa* (Lepidoptera: Pieridae: Coliadinae) within its relatives the ancient American Catopsilias. *Zootaxa* 4147(5): 538-550, 5 figs., 1 tab. (8 August) [general; morphology; Neotropics]
- Murillo, Leidys, Renzo Hernández, Rayner Núñez and Roger Ayazo**
2018. New insights on the taxonomy and phylogenetic relationships of the Neotropical genus *Phoebis* (Pieridae: Coliadinae) revealed by molecular and morphological data. *Zootaxa* 4457(1): 179-188, 4 figs., 3 tabs. (7 August) [general; Neotropics]
- Murillo, Luis**
1902. The *Eumaeus debora*. *Entomological News* 13(2): 35-38 ([1] February) [egg, larva, pupa, imago; behavior; Mexico]  
1906. *Guía para la colección de cuadros "Animales Mexicanos"*. Paris, Librería de la Viuda de C. Bouret. 167 pp., figs. (November) [*Papilio daunus* Boisduval, *Morpho peleides* Kollar; life history]
- Murillo, Luis Ricardo**
2005. See Hernández, F. et al., 2005.  
2006. A noise producing butterfly, *Ypthimoides castrensis* (Nymphalidae, Satyrinae) from South Brazil. *Journal of the Lepidopterists' Society* 60(1): 61-63, 2 figs. (26 April) [behavior]  
2007. Un método para la identificación de tres especies crípticas de *Protesilaus*, (Lepidoptera: Papilionidae) del sur de Brasil, basado en su morfología genital. *Revista de Biología tropical* 55(2): 665-671, 4 figs. (29 June) [*protesilaus nigricornis* (Staudinger), *P. stenodesmus* (Rothschild & Jordan), *P. helios* (Rothschild & Jordan)]
2008. Clave dicotómica para la identificación de las familias de mariposas (Rhopalocera) pertenecientes a las superfamilias Papilionoidea y Hesperioidea. *Métodos en Ecología y Sistemática* 3(2): 6-11, 5 figs. (September) [general]
2009. Early stages and natural history of *Cithaerias p. pireta* (Satyrinae) from Costa Rica. *Journal of the Lepidopterists' Society* 63(3): 169-172, 1 fig. (22 October) [egg, larva, pupa, imago; host plant]
- 2011a. The spiral organ responsible for producing sound signals, an essential taxonomic character in the phylogenetic analysis of the genus *Hamadryas* (Nymphalidae: Biblidinae): The case of *Hamadryas chloe chloe* (Stoll) [1787] from South America. *ISRN Zoology* 2011(170829): 1-3, 2 figs. [Brazil]
- 2011b. See Córdoba, J. & L. R. Murillo, 2011.  
2012a. Selection of perching site background color by *Hamadryas feronia* (Lepidoptera: Nymphalidae) in Costa Rica: Implications for industrial melanism. *Revista de Biología tropical* 60(3): 1231-1236, 2 figs. (September) [behavior]  
2012b. Phylogenetic analysis of the subtribe Ageroniina with special emphasis on *Hamadryas* (Lepidoptera, Nymphalidae) with an identification key to the species of *Hamadryas*. *ISRN Zoology* 2012(635096): 1-17, 13 figs., 2 tabs. [general]
- 2013a. See Córdoba, J. & L. R. Murillo, 2013.  
2013b. Early stages and natural history of *Mimoides pausanias prasinus* and *M. euryleon clusoculis* (Lepidoptera, Papilionidae) from Costa Rica. *Annual Review & Research in Biology* 3(1): 22-30, 2 figs., 1 tab. (March; published online 6 February) [eggs, larvae, pupae; host plants]
2014. See Córdoba, J. & L. R. Murillo, 2014.
- Murillo, Luis Ricardo, and Noemí Canet**
2018. Early stages and natural history of *Morpho menelaus amathonte* Deyrolle, 1860 and *Morpho helenor marinita* Butler, 1872 (Nymphalidae: Morphinae) from Costa Rica. *Journal of the Lepidopterists' Society* 72(1): 74-80, 2 figs., 1 tab. (1 March) [eggs, larvae, pupae; host plants]
- Murillo, Luis Ricardo, and Jim Córdoba**
2013. Taxonomía e historia natural de las mariposas tronadoras *Hamadryas* spp. (Lepidoptera, Nymphalidae). *Revista de Ciencias. Universidad del Valle* 17(1): 61-66 (August) [general]
- Murillo, Luis Ricardo, and José Joaquín Montero**
2010. The first records of *P. p. dexamenus* from Costa Rica and new records of *Prepona pylene gnorima* (Nymphalidae: Charaxinae). *Zootaxa* 2668: 66-68, 1 fig. (5 November)
- Murillo, Luis Ricardo, and Kenji Nishida**
2004. Life history of *Manataria maculata* (Lepidoptera: Satyrinae) from Costa Rica. *Revista de Biología tropical* 51(2): 463-470, 19 figs. ("June 2003"; January 2004) [egg, larva, pupa, imago; host plants; behavior; parasitoid]
- Murillo, Luis Ricardo, Oscar Antonio Segura, Juan Diego Barquero and Federico Bolaños**
2019. The skipper butterflies (Lepidoptera: Hesperioidea) of the Reserva Ecológica Leonelo Oviedo, San José, Costa Rica. *Revista de Biología tropical* 67(2, Supl.): 228-248, 7 pls., 6 figs., 1 tab. (April; published online 14 May) [general]
- Muriziasco, Germán**
2017. See Volkmann, L. R. et al., 2017.
- Muroi, Toshiro, Shingo Nakamura, Takeo Yamauchi and Mitsuko Shintani**



2002. Specimens of the foreign butterflies donated by the late Mr. Hiroshi Ito, preserved in Hiwa Museum for Natural History. *Material Reports. Hiwa Museum for natural History* 3: 1-17 (31 May) [general]
- Murphy, Catherine P.**  
2009. See Garraway, E. et al., 2009.
- Murphy, Catherine P., Damion L. Whyte and Eric Garraway**  
2017. New records of *Marpesia chiron* (Lepidoptera: Nymphalidae) from Jamaica. *Tropical Lepidoptera Research* 27(1): 19-20, 2 figs. (June)
- Murphy, Dennis D.**  
1985. Love among the butterflies: The travels and adventures of a Victorian Lady. Cater, E. [sic] F., editor. 1980. *Journal of Research on the Lepidoptera* 23(4): 335-336 (10 May) [general; book review]  
1986. Factors to the distribution of butterfly color and behavior patterns - selected aspects. Landing, Benjamin H., 1984. *Journal of Research on the Lepidoptera* 24(4): 376-379 (15 May) [general; book review]  
1987. A response to Landing: On factors in the distribution of butterfly color and behavior. *Journal of Research on the Lepidoptera* 25(3): 213-214 (8 July) [general]  
1991. See Weiss, S. B. et al., 1991.  
1993. See Cushman, J. H. & D. D. Murphy, 1993.  
1994. See Sparrow, H. R. et al., 1994.  
1996. See Austin, G. T. et al., 1996.  
2004. See Hellmann, J. J. et al., 2004.
- Murphy, Dennis D., and Paul Ralph Ehrlich**  
1984. On butterfly taxonomy. *Journal of Research on the Lepidoptera* 23(1): 19-34, 1 tab. (15 June) [general]
- Murphy, Dennis D., Niklas Wahlberg, Ilkka Hanski and Paul Ralph Ehrlich**  
2004. *Introducing checkerspots. Taxonomy and ecology*, pp. 17-33, 6 figs., 2 tabs. In: Ehrlich, P. R. & I. Hanski (Eds.), *On the wings of checkerspots. A model system for population biology*. Oxford, Oxford University Press. ([25 March]) [general]
- Murphy, Dennis D., and Stuart B. Weiss**  
[1989]. A bibliography of *Euphydryas*. *Journal of Research on the Lepidoptera* 26(1/4): 256-264 ("15 November 1988", [2 March 1989])
- Murphy, Dennis D., and Raymond R. White**  
1984. Rainfall, resources, and dispersal in southern populations of *Euphydryas editha* (Lepidoptera: Nymphalidae). *Pan-Pacific Entomologist* 60(4): 350-354, 1 fig. (13 December) [Mexico]
- Murphy, R. W.**  
2013. See Sun, B. F. et al., 2013.
- Murray, Brent**  
1995. See Van den Berghe, E. P. et al., 1995.
- Murray, Debra Lynne**  
1994. See DeVries, P. J. et al., 1994.  
1997. See DeVries, P. J. et al., 1997.  
1999. See DeVries, P. J. et al., 1999.  
2000. A survey of the butterfly fauna of Jatun Sacha, Ecuador (Lepidoptera: Hesperioidea and Papilionoidea). *Journal of Research on the Lepidoptera* 35: 42-60, 2 tabs. (15 March) [general]  
2001. Immature stages and biology of *Taygetis* Hübner (Lepidoptera: Nymphalidae). *Proceedings of the entomological Society of Washington* 103(4): 932-945, 17 figs., 1 tab. (October) [*T. mermeria* (Cramer), *T. cleopatra* C. Felder & R. Felder, *T. laches* (Fabricius), *T. thamyra* (Cramer), *T. virgilia* (Cramer); morphology; host plants; Ecuador]  
2002. See Freitas, A. V. L. et al., 2002b.  
2003a. Immature stages and biology of *Posttaygetis penelea* Cramer (Lepidoptera: Nymphalidae: Satyrinae). *Proceedings of the entomological Society of Washington* 105(3): 548-554, 10 figs. (17 June) [larva, pupa, imago; host plant; ecology; behavior; Ecuador]  
2003b. Stop and smell the owl-butterflies. *American Butterflies* 11(3): 4-13, figs. [Brassolinae; behavior; host plants; Peru, Brazil]
- Murray, Debra Lynne, and Dorothy Pashley Prowell**  
2005. Molecular phylogenetics and evolutionary history of the neotropical satyrine subtribe Euptychiina (Nymphalidae: Satyrinae). *Molecular Phylogenetics and Evolution* 34(1): 67-80, 4 figs., 4 tabs. (January; published online 10 November 2004) [general]
- Murray, Reginald Myrie** [1883- ?]  
1928. Across the John Crow mountains of Jamaica: from a narrative communicated to Lord Olivier. *Geographical Journal* (London) 71(3): 272-274 (March) [*Papilio homerus* (Fabricius)]  
1952. The John Crow Mountains. *Natural History Notes of the natural History Society of Jamaica* 5(56/57): 143-146 (September/November) [*Papilio homerus* Fabricius; Jamaica]  
1954. The Cockpit Country. *Natural History Notes of the natural History Society of Jamaica* 6(67): 113-114 (July) [*Papilio homerus* Fabricius; Jamaica]
- Murray, Robert R.**  
1974. See Burke, H. R. & R. R. Murray, 1974.
- Murray-Aaron, Eugene** – See Aaron, Eugene Murray
- Murrieta, Max**  
2016. See Cárdenas, G. et al., 2016.
- Murta, Aline de Figueiredo, Fabrício Tomaz de Oliveira Ker, Dalbert Benjamin da Costa, Mário Marcos do Espírito Santo and Maurício Lopes de Faria**  
2008. Efeitos de remanescentes de mata atlântica no controle biológico de *Euselasia apisaon* (Dahman [sic]) (Lepidoptera: Riodinidae) por *Trichogramma maxacalii* (Voegelé e Pointel) (Hymenoptera: Trichogrammatidae). *Neotropical Entomology* 37(2): 229-232, 2 figs. (April) [host plant; Brazil]
- Murtfeldt, Mary Esther** [1839-1913]  
1881. A fragrant butterfly. *Psyche* (Cambridge) 3(84): 198 (18 August) [*Callidryas eubule* (Linnaeus); Brazil]
- Murúa, Maureen**  
2014. See González, A. V. et al., 2014.
- Mury, Fábio Borges**  
2005. See Antonini, Y. et al., 2005.
- Musgrave, Anthony J.** [1895-1959]  
1937. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1936-37: 1 [general; Brazil]  
1958. The dates of publication of certain insect plates in L. I. Duperrey, *Voyage Autour du Monde... La Coquille... 1822-1825, Atlas. Proceedings of the royal zoological Society of New South Wales* 1956-57: 75-76 (27 June) [*Cosmosatyrus chilensis* (Guérin); Chile]
- Mutanen, Marko**  
2011. See Nieuwerkerken, E. J. van et al., 2011.  
2012. See Heikkilä, M. et al., 2012.  
2015. See Heikkilä, M. et al., 2015.
- Mutanen, Marko, Niklas Wahlberg and Lauri Kaila**  
2010. Comprehensive gene and taxon coverage elucidates radiation patterns in moths and butterflies. *Proceedings of the royal Society of London (B)* 277(1695): 2839-2848, 2 figs. (22 September; published online 5 May) [general]
- Mutschke, Erika**  
1998. See Pérez, V. et al., 1998.

**Muyshondt, Alberto** [1925- ]

- 1972a. See Young, A. M. & A. Muyshondt, 1972a.  
1972b. See Young, A. M. & A. Muyshondt, 1972b.  
1973a. Preliminary report on communal resting of *Smyrna karwinskii* adults (Nymphalidae). *Journal of the Lepidopterists' Society* 27(1): 15-16 (23 February) [El Salvador]  
1973b. See Young, A. M. & A. Muyshondt, 1973a.  
1973c. Notes on the life cycle and natural history of butterflies of El Salvador. I. *Prepona omphale octavia* (Nymphalidae). *Journal of the Lepidopterists' Society* 27(3): 210-219, 14 figs. (10 August) [egg, larva, pupa, imago; host plants; behavior; ecology]  
1973d. Notes on the life cycle and natural history of butterflies of El Salvador. I.A. *Catonephele numilia esite* (Nymphalidae, Catonephelinae). *Journal of the New York entomological Society* 81(3): 164-174, 15 figs. (9 October) [egg, larva, pupa, imago; host plants; behavior]  
1973e. Notes on the life cycle and natural history of butterflies of El Salvador. II. *Anaea (Zaretis) itys* (Nymphalidae). *Journal of the Lepidopterists' Society* 27(4): 294-302, 14 figs. (4 November) [egg, larva, pupa, imago; host plants; ecology; behavior; parasitoids]  
1973f. Some observations on *Dryas iulia iulia* (Heliconiidae). *Journal of the Lepidopterists' Society* 27(4): 302-303 (4 November) [egg, larva; host plants; behavior; ecology; El Salvador]  
1973g. See Young, A. M. & A. Muyshondt, 1973b.  
1974a. Notes on the life cycle and natural history of butterflies of El Salvador. IIA.- *Epiphile adrasta adrasta* (Nymphalidae - Catonephelinae). *Journal of the New York entomological Society* 81(4): 214-223, 13 figs. (21 February) [egg, larva, pupa, imago; host plants; behavior]  
1974b. Notes on the life cycle and natural history of butterflies of El Salvador. III.A. *Temenis laothoe* [sic] *iberia* Fabricius (Nymphalidae - Catonephelinae). *Journal of the New York entomological Society* 81(4): 224-233, 12 figs. (21 February) [egg, larva, pupa, imago; host plants; behavior]  
1974c. Notes on the life cycle and natural history of butterflies of El Salvador. IV.A. *Pseudonica flavilla canthara* (Nymphalidae - Catonephelinae). *Journal of the New York entomological Society* 81(4): 234-242, 11 figs. (21 February) [egg, larva, pupa, imago; host plants; behavior; parasitoids; mortality]  
1974d. Notes on the life cycle and natural history of butterflies of El Salvador. III. *Anaea (Consul) fabius* (Nymphalidae). *Journal of the Lepidopterists' Society* 28(2): 81-89, 14 figs. (31 May) [egg, larva, pupa, imago; host plants; behavior; ecology; parasitoids]  
1974e. An unusually long pupal stage of *Battus polydamas* L. (Papilionidae). *Journal of the Lepidopterists' Society* 28(2): 174-175 (31 May) [El Salvador]  
1974f. Notes on the life cycle and natural history of butterflies of El Salvador. V.A. *Pyrhogyra hypsenor* (Nymphalidae - Catonephelinae). *Journal of the New York entomological Society* 82(3): 163-172, 12 figs. (29 November) [egg, larva, pupa, imago; host plants; behavior; parasitoids]  
1974g. Notes on the life cycle and natural history of butterflies of El Salvador. IV. *Anaea (Memphis) eurypyle confusa* (Nymphalidae). *Journal of the Lepidopterists' Society* 28(4): 306-314, 14 figs. (27 December) [egg, larva, pupa, imago; host plants; behavior; ecology; parasitoids]  
1975a. Notes on the life cycle and natural history of butterflies of El Salvador. V. *Anaea (Memphis) morvus boisduvali* (Nymphalidae). *Journal of the Lepidopterists' Society* 29(1): 32-39, 15 figs. (15 April) [egg, larva, pupa, imago; host plants; behavior; ecology; parasitoids]  
1975b. Notes on the life cycle and natural history of butterflies of El Salvador. VI.A. *Diaethria astala* Guérin (Nymphalidae - Callicorinae). *Journal of the New York entomological Society* 83(1): 10-18, 12 figs. (28 May) [egg, larva, pupa, imago; host plants; behavior; phylogeny]  
1975c. See Young, A. M. & A. Muyshondt, 1975.  
1975d. Notes on the life cycle and natural history of butterflies of El Salvador. VI. *Anaea (Memphis) pithyusa* (Nymphalidae). *Journal of the Lepidopterists' Society* 29(3): 168-176, 14 figs. (26 September) [egg, larva, pupa, imago; host plants; behavior; ecology; parasitoids]  
1976a. See Muyshondt, A., Jr. & A. Muyshondt, 1976.  
1976b. Notes on the life cycle and natural history of butterflies of El Salvador. VII. *Archaeoprepona demophon centralis* (Nymphalidae). *Journal of the Lepidopterists' Society* 30(1): 23-32, 22 figs. (22 April) [egg, larva, pupa, imago; host plants; behavior; ecology; parasitoids; classification]  
1976c. Notes on the life cycle and natural history of butterflies of El Salvador. VIII. *Archaeoprepona antimache gulina*, *Siderone marthesia*, *Zaretis callidryas* and *Consul electra* (Nymphalidae). *Journal of the Lepidopterists' Society* 30(3): 159-168, 38 figs. (22 September) [eggs, larvae, pupae, imagines; host plants; behavior]  
1978. See Muyshondt, A., Jr. & A. Muyshondt, 1978.  
1979. See Muyshondt, A., Jr. & A. Muyshondt, 1979.  
1985. See Young, A. M. & A. Muyshondt, 1985.  
2005. *Notas sobre el ciclo y la historia natural de algunas mariposas de El Salvador*. San Salvador, Universidad de El Salvador. ix + 455 pp., figs. (June) [general; eggs, larvae, pupae, imagines; host plants; parasitoids; behavior; ecology]
- Muyshondt, Alberto, and Alberto Muyshondt, Jr.**  
1974. Gregarious seasonal roosting of *Smyrna karwinskii* adults in El Salvador (Nymphalidae). *Journal of the Lepidopterists' Society* 28(3): 224-229, 2 figs. (30 September)  
1975a. Notes on the duration of the pupal stage of some swallowtails of El Salvador (Lep.: Papilionidae). *Entomologist's Record and Journal of Variation* 87(2): 45-47 (15 February)  
1975b. Notes on the life cycle and natural history of butterflies of El Salvador. I.B.- *Hamadryas februa* (Nymphalidae - Hamadryadinae). *Journal of the New York entomological Society* 83(3): 157-169, 20 figs. (26 September) [egg, larva, pupa, imago; host plants; behavior]  
1975c. Notes on the life cycle and natural history of butterflies of El Salvador. II.B. *Hamadryas guatemalena* Bates (Nymphalidae - Hamadryadinae). *Journal of the New York entomological Society* 83(3): 170-180, 13 figs. (26 September) [egg, larva, pupa, imago; host plants; behavior; classification]  
1975d. Notes on the life cycle and natural history of butterflies of El Salvador. III.B. *Hamadryas amphinome* L. (Nymphalidae - Hamadryadinae). *Journal of the New York entomological Society* 83(3): 181-191, 16 figs. (26 September) [egg, larva, pupa, imago; host plants; behavior]  
1976. Is avian predation so important in keeping down butterfly populations? *Entomologist's Record and Journal of Variation* 88(11): 283-285 (15 November) [general; El Salvador]
- Muyshondt, Alberto, Alberto Muyshondt, Jr. and Pierre Muyshondt**  
1976. Notas sobre la biología de lepidópteros de El Salvador I. *Revista de la Sociedad mexicana de Lepidopterología* 2(2): 77-90, 40 figs. (1 November) [*Papilio victorinus* Doubleday, *Tithorea tarricina duenna* Bates, *Cyclogramma pandama* Doubleday, *Anaea nobilis* Bates]

**Muyschondt, Alberto, and Pierre Muyschondt**

1976. Posthumous progeny from a dead *Papilio thoas*. *News of the Lepidopterists' Society* 1976(5): 4 (15 October) [El Salvador]

**Muyschondt, Alberto, Allen Marcus Young and Alberto Muyschondt, Jr.**

1973. The biology of the butterfly *Dione juno huascama* [sic] (Nymphalidae: Heliconiinae) in El Salvador. *Journal of the New York entomological Society* 81(3): 137-151, 2 figs. (9 October) [egg, larva, pupa, imago; host plants; behavior; population dynamics; phylogeny]

**Muyschondt, Alberto, Jr.**

1973. See Muyschondt, A. et al., 1973.  
1974. See Muyschondt, A. & A. Muyschondt, Jr., 1974.  
1975a. See Muyschondt, A. & A. Muyschondt, Jr., 1975a.  
1975b. See Muyschondt, A. & A. Muyschondt, Jr., 1975b.  
1975c. See Muyschondt, A. & A. Muyschondt, Jr., 1975c.  
1975d. See Muyschondt, A. & A. Muyschondt, Jr., 1975d.  
1976a. See Muyschondt, A. et al., 1976.  
1976b. See Muyschondt, A. & A. Muyschondt, Jr., 1976.

**Muyschondt, Alberto, Jr., and Alberto Muyschondt**

1976. Notes on the life cycle and natural history of butterflies of El Salvador. IC.- *Colobura dirce* L. (Nymphalidae-Coloburinae). *Journal of the New York entomological Society* 84(1): 23-33, 11 figs. (18 March) [egg, larva, pupa, imago; host plants; behavior; larval adenosoma]
1978. Notes on the life cycle and natural history of butterflies of El Salvador. IIC. *Smyrna blomfieldia* and *S. karwinskii* (Nymphalidae: Coloburini). *Journal of the Lepidopterists' Society* 32(3): 160-174, 31 figs. (14 November) [egg, larva, pupa, imago]
1979. Notes on the life cycle and natural history of butterflies of El Salvador. IIIC. *Historis odius* and *Coea acheronta* (Nymphalidae-Coloburinae). *Journal of the Lepidopterists' Society* 33(2): 112-123, 20 figs. (20 July) [egg, larva, pupa, imago]

**Muyschondt, Pierre**

- 1976a. See Muyschondt, A. & P. Muyschondt, 1976.  
1976b. See Muyschondt, A. et al., 1976.

**Muzny, Donna M.**

2012. See Dasmahapatra, K. K. et al., 2012.

**Myartseva, Svetlana Nikolaevna**

2005. See Ruiz-Cancino, E. et al., 2005.

**Myers, Henry Morris [? -1872], and Philip Van Ness Myers**

1871. *Life and nature under the tropics; or, sketches of travels among the Andes, and on the Orinoco, Rio Negro, Amazons, and in Central America*. New York, D. Appleton and Company. [2] + xvi + 358 pp., 9 pls., 1 map. [Ed. 2; Ed. 1, 1871] [general]

**Myers, John Golding [1897-1942]**

1930. The epigamic behaviour of a male butterfly (*Terias*), and the gregarious habit during rest of a heliconine butterfly, in Cuba. *Proceedings of the entomological Society of London* (A) 5(2): 46-48 (31 December)
- 1931a. Descriptions and records of parasitic Hymenoptera from British Guiana and the West Indies. *Bulletin of entomological Research* 22(2): 267-277, 3 figs. (30 June) [*Calpodus ethlius* (Cramer); Cuba]
- 1931b. *A preliminary report on an investigation into the biological control of West Indian insect pests*. London, H. M. Stationery Office. 173 pp., 2 maps (July) [general; ecology; parasitoids; West Indies, Guyana, Surinam]
- 1935a. Second report of an investigation into the biological control of West Indian insect pests. *Bulletin of entomological Research* 26(2): 181-252, 1 map (21 June) [general]

- 1935b. An entomological investigation in St. Vincent. *Tropical Agriculture* 12(6): 139-144 (June) [*Calpodus ethlius* (Cramer); host plants; parasitoids, predators; Trinidad]

**Myers, Judith**

1972. Pheromones and courtship behavior in butterflies. *American Zoologist* 12(3): 545-551, 4 tabs. (August) [general; Neotropics]

**Myers, Philip Van Ness [1846-1937]**

1871. See Myers, H. M. & P. V. Myers, 1871.

**Myler, Robert, and Laurence M. Cook**

2010. Butterfly diversity from a sequential survey. *Entomologist's Record and Journal of Variation* 122(1): 23-27, 1 fig., 1 tab. (January) [general; Ecuador]

**Mziray, William R.**

1987. See Armbruster, W. S. & W. R. Mziray, 1987.

# N

## Naber, Steven

2006. See Larue, A. et al., 2006.

## Nabholz, Benoit

2018. See Condamine, F. L. et al., 2018.

## Nabokov, Vladimir Vladimirovich [1899-1977]

1943. Some new or little known Nearctic *Neonympha*. *Psyche* (Cambridge) 49(3/4): 61-80, 4 figs. ("September-December 1942", 18 February 1943) [Mexico]

1945. Notes on Neotropical Plebejinae (Lycaenidae, Lepidoptera). *Psyche* (Cambridge) 52(1/2): 1-61, 8 pls., 1 fig. (26 October) [general; new genera: *Parachilades*, *Pseudothecla*, *Pseudochrysops*, *Cyclargus*, *Echinargus*, *Pseudolucia*, *Paralycaeides*]

1946. A third species of *Echinargus* Nabokov (Lycaenidae, Lepidoptera). *Psyche* (Cambridge) 52(3/4): 193 (16 May) [*E. martha*; Peru]

1948. A new species of *Cyclargus* Nabokov (Lycaenidae, Lepidoptera). *Entomologist* 81(1027): 273-280, 11 figs. (December) [*C. erembis*; Cayman Islands]

## Nadai, Janaína de

2004. See Trevisan, H. et al., 2004.

## Nadai, Janaína de, Henrique Trevisan, and Acácio Geraldo de Carvalho

2002. Consumo de área foliar de *Urbanus acawoios* (Lepidoptera: Hesperidae) em feijão vermelho (*Phaseolus vulgaris* [sic]). *Revista Universidade rural, Série Ciências da Vida* 22(2)(supl.): 137-140, 1 fig., 1 tab. [host plant; Brazil]

## Nadai, Janaína de, Henrique Trevisan, Alexandre Mehl Lunz and Acácio Geraldo de Carvalho

2003. Desenvolvimento de *Urbanus acawoios* (Williams, 1926) (Lepidoptera: Hesperidae), praga em arborização urbana, em duas cultivares de feijoeiro (*Phaseolus vulgaris* L.). *Biotemas* (Florianópolis) 16(2): 79-88, 1 fig., 1 tab. (November) [host plants; Brazil]

## Nadeau, Nicola J.

2010a. See Baxter, S. W. et al., 2010.

2010b. See Ferguson, L. et al., 2010.

2011. See Surridge, A. K. et al., 2011.

2012a. See Dasmahapatra, K. K. et al., 2012.

2012b. See Martin, A. et al., 2012.

2013. See Martin, S. H. et al., 2013.

2014. See Merrill, R. M. et al., 2014.

2015. See Merrill, R. M. et al., 2015.

2016a. See Wallbank, R. W. R. et al., 2016.

2016b. Genes controlling mimetic colour pattern variation in butterflies. *Current Opinion in Insect Science* 17: 24-31, 3 figs. (October; published online 27 May) [*Heliconius*; genetics]

2018a. See Parnell, A. J. et al., 2018.

2018b. See Brien, M. N. et al., 2018.

2019. See Montejo-Kovacevich, G. et al., 2019.

## Nadeau, Nicola J., Simon H. Martin, Krzysztof M. Kozak, Camilo Andrés Salazar, Kanchoon Kumar Dasmahapatra, John W. Davey, Simon Wade Baxter, Mark L. Blaxter, James Louis Borlase Mallet and Christopher David Jiggins

2013. Genome-wide patterns of divergence and gene flow across a butterfly radiation. *Molecular Ecology* 22(3): 814-826, 4 figs., 1 tab. (February; published online 25 August

2012) [*Heliconius*; Panama, South America]

## Nadeau, Nicola J., Carolina Pardo-Díaz, Annabel C. Whibley, Megan Ann Supple, Suzanne V. Saenko, Richard W. R. Wallbank, Grace C. Wu, Luana Santoro Maroja, Laura C. Ferguson, Joseph J. Hanly, Heather M. Hines, Camilo Andrés Salazar, Richard M. Merrill, Andrea J. Dowling, Richard H. French-Constant, Violaine Llaurens, Mathieu Joron, William Owen McMillan and Christopher David Jiggins

2016. The gene *cortex* controls mimicry and crypsis in butterflies and moths. *Nature* (London) 534(7605): 106-110, 4 figs. (2 June) [*Heliconius*; Neotropics]

## Nadeau, Nicola J., Mayté Ruiz, Patricio Alejandro Salazar, Brian A. Counterman, José Alejandro Medina, Humberto Ortiz-Zuazaga, Anna Morrison, William Owen McMillan, Christopher David Jiggins and Riccardo Papa

2014. Population genomics of parallel hybrid zones in the mimetic butterflies, *H. melpomene* and *H. erato*. *Genome Research* 24(8): 1316-1333, 5 figs., 3 tabs. (August; published online 13 May) [*Heliconius*; Peru, Ecuador]

## Nadeau, Nicola J., Annabel C. Whibley, Robert T. Jones, John W. Davey, Kanchoon Kumar Dasmahapatra, Simon Wade Baxter, Michael Andrew Quail, Mathieu Joron, Richard H. French-Constant, Mark L. Blaxter, James Louis Borlase Mallet and Christopher David Jiggins

2012. Genomic islands of divergence in hybridizing *Heliconius* butterflies identified by large-scale targeted sequencing. *Philosophical Transactions of the Royal Society of London (B)* 367(1587): 343-353, 2 figs., 1 tab. (5 February; published online 26 December 2011) [evolution; mimicry; Panama; Peru]

## Nadel, Hannah

2002. See Peña, J. E. et al., 2002.

## Nässig, Wolfgang A., and Rolf G. Oberprieler

2007. The nomenclature of the family-group names of Eupterotidae (Bombycoidea). *Nota lepidopterologica* 30(2): 315-327 (15 November) [Lemoniadidae Rebel = Riodinidae]

## Nässig, Wolfgang A., and Wolfgang Speidel

2007. On the authorships of the Lepidoptera Atlas of the "Reise der Novara", with a list of the taxa of Bombycoidea [s. l.] therein described (Insecta, Lepidoptera, Bombycoidea). *Senckenbergiana biologica* 87(1): 63-74, 2 tabs. (24 September)

## Nagano, Christopher Dike

1986. See Wolfe, G. & C. D. Nagano, 1986.

## Nagano, Christopher Dike, Julian P. Donahue, Walter H. Sakai and Naomi Nagano

1989. A bibliography of the Monarch butterfly [*Danaus plexippus* (L.): Nymphalidae: Lepidoptera]. *Danaus Special Publication* 1: [i]+ 37 pp. (19 June) [general]

## Nagano, Christopher Dike, and Curtis Freese

1987. A world safe for monarchs. *New Scientist* 113(1554): 43-48, figs. (2 April) [*Danaus plexippus* (Linnaeus); migration; conservation; Mexico]

## Nagano, Christopher Dike, and Walter H. Sakai

1988. Making the world safe for monarchs. *Outdoor California* 49: 5-9, 6 figs. (January-February) [*Danaus plexippus* (Linnaeus); migration; conservation; Mexico]

1989. The monarch butterfly. *Audubon Wildlife Report* 1989/1990: 367-385, 4 figs. [*Danaus plexippus* (Linnaeus); Mexico; migration; conservation]
- Nagano, Naomi**  
1989. See Nagano, C. D. et al., 1989.
- Nagaraja, Hulickal** [1934-2012]  
1983. Descriptions of Trichogrammatidae (Hymenoptera) from Brazil. *Revista brasileira de Biologia* 43(1): 37-44, 17 figs. ("February", 19 August) [*Euselasia euploea eucerus* (Hewitson), *E. hygenius occulta* Stichel; host plants; parasitoids]
- Nagaraja, Hulickal, and Sudha Nagarkatti**  
1973. A key to some New World species of *Trichogramma* (Hymenoptera: Tichogrammatidae), with descriptions of four new species. *Proceedings of the entomological Society of Washington* 75(3): 288-297, 28 figs. (5 October) [*Tatochila*; host plant; parasitoid; Chile]
- Nagarkatti, Sudha**  
1973. See Nagaraja, H. & S. Nagarkatti, 1973.
- Nagasawa, Sumio**  
1976. The growth of head capsule in the successive instars in larvae of *Diegas* [sic] *erigipus* [sic] and *Papilio scamander grayi* (Lepidoptera, Danaidae and Papilionidae). *Kontyû* 44(2): 184-192, 6 tabs. (25 June) [Brazil]  
1977. Species-abundance relation in Brazilian butterflies (Lepidoptera, Rhopalocera). *Kontyû* 45(1): 78-83, 1 fig., 1 tab. (25 March) [general]
- Nagashima, Takayuki**  
2003. See Akai, H. et al., 2003a.
- Nagy, Lisa M.**  
2008. See Reed, R. D. et al., 2008.
- Nahrstedt, Adolf** [1940- ]  
1982. See Davis, R. H. & A. Nahrstedt, 1982.  
1983. See Wray, V. et al., 1983.  
1985a. Cyanogenic compounds as protecting agents for organisms. *Plant Systematics and Evolution* 150(1/2): 35-47, 1 fig., 2 tabs. (20 September) [*Heliconius*]  
1985b. See Davis, R. H. & A. Nahrstedt, 1985.  
1987a. See Davis, R. H. & A. Nahrstedt, 1987.  
1987b. *Recent development in chemistry, distribution and biology of the cyanogenic glycosides*, pp. 213-234, 11 figs., 4 tabs. In: Hostettmann, K. & P. J. Lea (Eds.), *Biologically active natural products*. Oxford, Clarendon Press. [Heliconiinae]  
1988. *Cyanogenesis and the role of cyanogenic compounds in insects*, pp. 131-150, 8 figs., 3 tabs. In: Evered, D. & S. Harnett (Eds.), *Cyanide compounds in Biology*. Chichester, John Wiley & Sons. [Heliconiinae]
- Nahrstedt, Adolf, and Raymond H. Davis**  
1981a. The occurrence of the cyanoglucosides, linamarin and lotaustralin, in *Acraea* and *Heliconius* butterflies. *Comparative Biochemistry and Physiology* (B) 68(4): 575-577, 1 tab.  
1981b. Cyanogenic glycosides in butterflies: Detection and synthesis of linamarin and lotaustralin in the Heliconiinae. *Planta medica* 42: 124-125. [*Heliconius charitonia* (Linnaeus), *H. melpomene* (Linnaeus)]  
1983. Occurrence, variation and biosynthesis of the cyanogenic glucosides linamarin and lotaustralin in species of the Heliconiini (Insecta: Lepidoptera). *Comparative Biochemistry and Physiology* (B) 75(1): 65-75, 1 fig., 9 tabs.  
1985. Biosynthesis and quantitative relationships of the cyanogenic glucosides linamarin and lotaustralin, in genera of the Heliconiini (Insecta: Lepidoptera). *Comparative Biochemistry and Physiology* (B) 82(4): 745-749, 4 tabs. [*Heliconius melpomene* (Linnaeus), *Agraulis vanillae* (Linnaeus), *Dryas iulia* (Fabricius)]
- Nail, Kelly R., Rebecca V. Batalden and Karen Suzanne Oberhauser**  
2015. *What's too hot and what's too cold? Lethal and sublethal effects of extreme temperatures on developing monarchs*, pp. 99-108, 6 figs., 2 tabs. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Mexico]
- Naik, Rajesh R.**  
2013a. See Potyrailo, R. A. & R. R. Naik, 2013.  
2013b. See Potyrailo, R. A. et al., 2013.
- Nail, Kelly R.**  
2018. See Stenoien, C. M. et al., 2018.
- Nail, Kelly R., Lara Drizd and Kristen J. Voorhies**  
2019. Butterflies across the globe: A synthesis of the current status and characteristics of monarch (*Danaus plexippus*) populations worldwide. *Frontiers in Ecology and Evolution* 7(362): 1-7, 1 fig., 1 tab. (27 September) [general; Neotropics]
- Naisbit, Russell Edward**  
2001a. See Jiggins, C. D., R. E. Naisbitt et al., 2001.  
2001b. See Jiggins, C. D., M. Linares et al., 2001.  
2013. See Merrill, R. M. et al., 2013.
- Naisbit, Russell Edward, Christopher David Jiggins, Mauricio Linares, Camilo Andrés Salazar and James Louis Borlase Mallet**  
2002. Hybrid sterility, Haldane's Rule and speciation in *Heliconius cydno* and *H. melpomene*. *Genetics* 161(4): 1517-1526, 1 fig., 4 tabs. (August) [Panama, Colombia, French Guiana]
- Naisbit, Russell Edward, Christopher David Jiggins and James Louis Borlase Mallet**  
2001. Disruptive sexual selection against hybrids contributes to speciation between *Heliconius cydno* and *Heliconius melpomene*. *Proceedings of the royal Society of London* (B) 268(1478): 1849-1854, 2 figs., 2 tabs. (7 September) [Panama]  
2003. Mimicry: developmental genes that contribute to speciation. *Evolution & Development* 5(3): 269-280, 1 fig., 3 tabs. (May) [*Heliconius cydno chioneus* Bates, *H. melpomene rosina* Boisduval; host plant; genetics; evolution; Panama]
- Nájera, Sandra, José Hiram Quiroz, Luis Enrique Solís and Fernanda Villegas**  
2015. Diversidad y abundancia de mariposas (Rhopalocera: Lepidoptera) en dos temporadas en el Municipio de Atlixco, Puebla. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) Número especial 1: 58-63, 3 figs., 2 tabs. (July) [general; Mexico]
- Nájera-Cordero, Karla**  
2009. See Córdoba-Aguilar, A. et al., 2009.
- Naka, Hideshi**  
2007. See Shinkawa, T. et al., 2007.
- Naka, Hideshi, and Yoshinobu Uémura**  
2007. Molecular phylogeny of satyrids (Lepidoptera: Nymphalidae: Satyrinae). *The Nature and Insects* 42(13): 4-10, 3 figs. [general]
- Nakagoshi, Motoko**  
1996. See Tabata, H. et al., 1996.
- Nakagoshi, Motoko, Shin-ichiro Takikawa, Kinya Kumazawa, Hiroshi Tabata and Motoo Tsusue**  
1994. Occurrence of pteridines in wings of *Morpho* butterflies. *Pigment Cell Research* 7: 369. [abstract]
- Nakahara, Kazuro, and Yoshihiko Kurozawa**

1964. *Selected butterflies of the world illustrated in colours*. Tokyo, Hukuryu-kan Publishing Co. xii + 146 + 32 pp., 132 pls. [Ed. 2; Ed. 1, 1958, not seen] [general; new subspecies: *Morpho menelaus nakaharai* Le Moul't; Neotropics]
- Nakahara, Shinichi**
2014. See Neild, A. F. E. et al., 2014.  
 2015a. See Lamas, G. & S. Nakahara, 2015.  
 2015b. See Lewis, D. S. et al., 2015.  
 2015c. See Fratello, S. A. et al., 2015.  
 2015d. See Neild, A. F. E. et al., 2015.  
 2016a. See Costa, M. et al., 2016.  
 2016b. See Huertas, B. C. et al., 2016.  
 2018a. See Warren, A. D. et al., 2018.  
 2018b. See Zacca, T. et al., 2018.  
 2018c. See Willmott, K. R. et al., 2018.  
 2018d. See See, J. et al., 2018.  
 2019a. See Espeland, M. et al., 2019.  
 2019b. See Willmott, K. R. et al., 2019.  
 2019c. See Marín, M. A. et al., 2019.  
 2019d. See Baine, Q. et al., 2019.
- Nakahara, Shinichi, Eduardo de Proença Barbosa and André Victor Lucci Freitas**
2017. A potentially endangered new species of *Euptychia* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae) from the Atlantic Coastal Forest of Brazil. *Neotropical Entomology* 46(3): 302-309, 4 figs. (June; published online 6 January) [*E. atlantica*; behavior]
- Nakahara, Shinichi, Eduardo de Proença Barbosa, Mario Alejandro Marín, André Victor Lucci Freitas, Tatiana Pomerantz and Keith Richard Willmott**
- 2016c. *Graphita* gen. nov., a new genus for *Neonympha griphe* C. Felder & R. Felder, 1867 (Lepidoptera, Nymphalidae, Satyrinae). *Neotropical Entomology* 45(6): 675-691, 6 figs., 1 tab. (December; published online 9 June) [Venezuela, Colombia, Ecuador, Peru]
- Nakahara, Shinichi, and Patrick Blandin**
2010. A southern range extension for *Morpho amathonte* Deyrolle, 1860 (Nymphalidae, Morphinae) in Western Ecuador and the description of a new subspecies. *Tropical Lepidoptera Research* 20(2): 85-87, 2 figs. (1 December) [*M. a. canyarensis*]
- Nakahara, Shinichi, Steven A. Fratello and Donald James Harvey**
2014. A new species of *Euptychia* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae: Satyrini) from Mount Roraima, Guyana. *Zootaxa* 3881(3): 291-300, 6 figs. (5 November) [*E. roraima*]
- Nakahara, Shinichi, and Robert Gallardo**
2019. Reinstatement of *Euptychia sericeella* Bates, 1865: *Amiga sericeella* stat. rev., with *corrigenda* to Nakahara et al. (2019) (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera Research* 29(2): 111-114, 3 figs. (December; published online 9 December) [Honduras]
- Nakahara, Shinichi, Jason Piers Wilton Hall, Gerardo Lamas and Keith Richard Willmott**
- 2015e. Seven new species and one new subspecies of *Euptychia* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae) from the tropical Andes. *Tropical Lepidoptera Research* 25(2): 63-79, 7 figs. (28 December) [*E. truncata*, *E. pillaca*, *E. padroni*, *E. enyita*, *E. granatina*, *E. cesarense obtusa*, *E. fernandae*, *E. pegasus*; Colombia, Ecuador, Peru, Brazil]
- Nakahara, Shinichi, Alan Highton, Bernhard Jost and Wataru Mitsuhashi**
2013. Annotated new records for nymphalid species from the Sierra de Imataca, Venezuela (Lepidoptera: Nymphalidae). *Notes. Association for tropical Lepidoptera* 2013[1]: 1-4, 5 figs. (June) [general]
- Nakahara, Shinichi, Daniel Hunt Janzen, Winifred D. Hallwachs and Marianne Espeland**
- 2015b. Description of a new genus for *Euptychia hilara* (C. Felder & R. Felder, 1867) (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 4012(3): 525-541, 5 figs. (4 September) [*Inbio*; larvae; host plant; Central and South America]
- Nakahara, Shinichi, Gerardo Lamas, Stephanie Tyler, Mario Alejandro Marín, Blanca Cecilia Huertas, Keith Richard Willmott, Olaf Hermann Hendrik Mielke and Marianne Espeland**
2019. A revision of the new genus *Amiga* Nakahara, Willmott & Espeland, gen. n., described for *Papilio amaca* Fabricius, 1776 (Lepidoptera, Nymphalidae, Satyrinae). *ZooKeys* 821: 85-152, 7 figs., 2 tabs. (31 January) [new subspecies: *A. amaca adela*, *A. a. indianacristoi*; Central and South America]
- Nakahara, Shinichi, Jean-François Le Crom and Gerardo Lamas**
- 2015d. A remarkable new *Euptychia* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae) from the Amazon basin of Peru and Colombia. *Journal of Research on the Lepidoptera* 48: 59-63, 3 figs. (31 December; published online 17 October) [*E. juanjo*]
- Nakahara, Shinichi, Jorge Enrique Llorente, Moisés Armando Luis, Jacqueline Yvone Miller and Andrew David Warren**
- 2015c. Two new species of *Euptychia* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae) from Mexico and Guatemala. *Journal of Research on the Lepidoptera* 48: 51-57, 3 figs. (31 December; published online 27 September) [*E. neblina*, *E. lacandona*]
- Nakahara, Shinichi, John R. MacDonald, Francisco Delgado and Pablo Sebastián Padrón**
2018. Discovery of a rare and striking new pierid butterfly from Panama (Lepidoptera: Pieridae). *Zootaxa* 4527(2): 281-293, 6 figs. (5 December) [new species: *Catanticta sibyllae*]
- Nakahara, Shinichi, Mario Alejandro Marín and Wataru Mitsuhashi**
2012. First records for *Cissia themis* (Lepidoptera: Nymphalidae) from Colombia and Venezuela. *Revista colombiana de Entomología* 38(2): 359-362, 5 figs. (December)
- Nakahara, Shinichi, Mario Alejandro Marín and Andrew Frederic Edwyn Neild**
- 2016a. A new species of *Pareuptychia* Forster, 1964 (Lepidoptera, Nymphalidae, Satyrinae) from the northwestern Amazon basin with characterisation of two potential synapomorphies for the genus. *Tropical Lepidoptera Research* 26(1): 6-12, 8 figs., 1 tab. (June) [*P. milleri*; Ecuador, Peru]
- Nakahara, Shinichi, Mario Alejandro Marín and Indiana (= Jeisson) Cristóbal Ríos**
- 2015a. Taxonomic status and redescription of *Magneuptychia nebulosa* (Butler, 1867) (Lepidoptera, Nymphalidae, Satyrinae) with a lectotype designation. *ZooKeys* 503: 135-147, 4 figs. (14 May) [Venezuela]
- Nakahara, Shinichi, Denise Tan, Gerardo Lamas, Anamaria Parus and Keith Richard Willmott**
- 2016d. A distinctive new species of *Hermeuptychia* Forster, 1964 from the eastern tropical Andes (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera Research* 26(2): 77-84, 6 figs., 1 tab. (28 December) [*E. clara*; Ecuador, Peru]

- Nakahara, Shinichi, Pável Fortunato Matos, Eduardo de Proença Barbosa, Keith Richard Willmott, Gerardo Lamas and André Victor Lucci Freitas**  
2019c. Two new species of *Taygetina* with a possible case of 'juxta loss' in butterflies (Lepidoptera: Nymphalidae: Satyrinae). *Insect Systematics and Evolution* 3(6)(9): 1-13, 5 figs., 1 tab. (November; published online 20 November) [*T. brocki*, *T. accacioi*; Ecuador, Peru, Brazil]
- Nakahara, Shinichi, Germán Vega and Keith Richard Willmott**  
2016b. Description of a new species of *Euptychia* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae) from the western Andes. *Zootaxa* 4184(2): 358-366, 3 figs., 1 tab. (4 November) [*E. favonius*; Costa Rica, Panama, Colombia, Ecuador]
- Nakahara, Shinichi, Keith Richard Willmott, Olaf Hermann Hendrik Mielke, Johanna Schwartz, Tamara Zacca, Marianne Espeland and Gerardo Lamas**  
2018b. Seven new taxa from the butterfly subtribe Euptychiina (Lepidoptera: Nymphalidae: Satyrinae) with revisional notes on *Harjesia* Forster, 1964 and *Pseudeuptychia* Forster, 1964. *Insecta Mundi* 639: 1-38, 16 figs., 1 tab. (27 July) [*H. argentata*, *Orotaygetis* (new genus) *surui*, *Euptychoides sanmarcos*, *P. cuzquenya*, *P. languida austrina*, *Godartiana astronesthes*; Colombia, Ecuador, Peru, Bolivia, Brazil]
- Nakahara, Shinichi, Tamara Zacca, Fernando Maia Silva Dias, Diego Rodrigo Dolibaina, Lei Xiao, Marianne Espeland, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke, Gerardo Lamas, Blanca Cecilia Huertas, Kaylin Kleckner and Keith Richard Willmott**  
2019b. Revision of the poorly known Neotropical butterfly genus *Zischkaia* Forster, 1964 (Lepidoptera, Nymphalidae, Satyrinae), with descriptions of nine new species. *European Journal of Taxonomy* 551: 1-67, 16 figs., 4 tabs. (13 September) [*Z. arctoa*, *Z. chullachaki*, *Z. baku*, *Z. arenisca*, *Z. argyrosflecha*, *Z. abanico*, *Z. josti*, *Z. mielkeorum*, *Z. warreni*; South America]
- Nakahara, Shinichi, Tamara Zacca, Blanca Cecilia Huertas, Andrew Frederic Edwyn Neild, Jason Piers Wilton Hall, Gerardo Lamas, Lauren A. Holian, Marianne Espeland and Keith Richard Willmott**  
2018a. Remarkable sexual dimorphism, rarity and cryptic species: a revision of the 'aegrota species group' of the Neotropical butterfly genus *Caeruleuptychia* Forster, 1964 with the description of three new species (Lepidoptera, Nymphalidae, Satyrinae). *Insect Systematics & Evolution* 49(2): 130-182, 11 figs. (10 April; published online 25 July 2017) [*C. trembathi*, *C. scripta*, *C. maryzenderae*]
- Nakamura, Ichiro**  
2009. See Nishida, K. et al., 2009.  
2014. See Siewert, R. R. et al., 2014e.  
2019. See Anderson, R. A. et al., 2019.
- Nakamura, Masanao**  
1985. Do you know Margaret Fountaine? [In Japanese]. *Yadoriga* 119/120: 23-25, 3 figs. (10 March) [book review; general]
- Nakamura, Shingo**  
2002. See Muroi, T. et al., 2002.
- Nakano, Octávio**  
1970. See Gallo, D. et al., 1970.  
1976. See Paro, L. A., Jr. & O. Nakano, 1976.  
1983. See Bortoli, S. A. de et al., 1983.
- Nakano, Octávio, Celso de Assis Machado, Katuyuki Kinoshita and Luiz Antonio De Campos Penteado**  
1971. Teste de novos inseticidas no controle da "broca do abacaxi (*Thecla* [sic] *basilides* Geyer). *O Solo* (Piracicaba) 63(1): 17-19, 1 tab. [host plant; Brazil]
- Nakano, Octávio, José Roberto Postali Parra and Júlio Marcos Filho**  
1968. Ensaio de campo visando o controle da broca do abacaxi (*Thecla basilides* Geyer). *O Solo* (Piracicaba) 60(2): 29-31, 1 tab. (November) [host plant; Brazil]
- Nakano, Shôji**  
1983. [Butterfly collecting in Peru]. [In Japanese]. *Chô Chô* 6(4): 17-25, 12 figs., 2 maps (April), (5): 9-14, 14 figs. (May) [general]
- Nakayama, Masaki**  
1978a. [A butterfly collecting tour to Latin America] [In Japanese]. *Chô Chô* 1(2): 50-55, 1 map. [general; Mexico, Brazil, Peru]  
1978b. [A rare butterfly of Mexico, *Papilio diazi* Rachelli & Shordoni (sic) 1975] [In Japanese]. *Chô Chô* 1(9): 2-3, 1 pl. (September)
- Nakazawa, Tohru**  
1999. See Morinaka, S. et al., 1999.
- Nall, Berry**  
2014. Rearing *Hamadryas* (Nymphalidae: Biblidinae: Ageronini) in South Texas: life histories of three species. *News of the Lepidopterists' Society* 56(3): 103-112, 5 pls. (August) [*H. februa ferentina* (Godart), *H. glauconome* (Bates), *H. guatemalena marmarice* (Fruhstorfer); eggs, larvae, pupae, adults; host plants; predators; behavior; Mexico, El Salvador, Costa Rica]
- Nallu, Sumitha, Jason Anthony Hill, Kristine Don, Carlos Sahagun, Wei Zhang, Camille Meslin, Emilie Snell-Rood, Nathan L. Clark, Nathan I. Morehouse, Joy Bergelson, Christopher West Wheat and Marcus R. Kronforst**  
2018. The molecular genetic basis of herbivory between butterflies and their host plants. *Nature Ecology and Evolution* 2(9): 1416-1427, 4 figs. (September; published online 3 August) [general]
- Namiki, Hideo**  
1994. See Akimoto, M. et al., 1994.
- Nankishore, Alliea**  
2017. See Sambhu, H. et al., 2017.  
2018. See Sambhu, H. & A. Nankishore, 2018.
- Nanya, Satiko**  
2018. See Mari, I. P. et al., 2018.
- Naranjo, Juan Carlos** [1952-2014]  
2013. See Lauranzón, B. et al., 2013.
- Naranjo, Juan Carlos, Beatriz Lauranzón and Patricia Aportela**  
2012. Mariposas diurnas (Insecta: Lepidoptera) en la colección Charles T. Ramsden de la Universidad de Oriente en Santiago de Cuba. *Ciencia en su PC* 2012(1): 107-117, 1 tab. (March) [general; Cuba]
- Narayanan, Suresh**  
2010. See Saranathan, V. et al., 2010.
- Nardi, Cristiane, Tânia Mara Guerra, Afonso Inácio Orth and Marcelo Teixeira Tavares**  
2006. Himenópteros parasitóides associados a pupas de *Methona themisto* (Lepidoptera, Nymphalidae), em Florianópolis, Santa Catarina, Brazil. *Iheringia (Zoologia)* 96(3): 373-375, 2 tabs. (30 September) [host plant]
- Nardin, Janaína de, and Aldo Mellender de Araújo**  
2011. Kin recognition in immatures of *Heliconius erato phyllis* (Lepidoptera; Nymphalidae). *Journal of Ethology* 29(3): 499-503, 2 tabs. (September; published online 6 May) [behavior; host plants; Brazil]
- Nardin, Janaína de, Vanessa Buffon, Luís Fernando Revers and Aldo Mellender de Araújo**  
2018. Association between molecular markers and behavioral

- phenotypes in the immatures of a butterfly. *Genetics and molecular Biology* 41(1, suppl.): 243-252, 7 tabs. (published online 19 March) [*Heliconius erato phyllis* (Fabricius); host plant; Brazil]
- Nardin, Janaína de, Bruna Oliveira Missaggia and Aldo Mellender de Araújo**  
2015. An experimental approach to test the source of information on kinship in butterfly immatures. *Ethology Ecology & Evolution* 27(3): 294-305, 3 tabs. (3 July; published online 21 August 2014) [*Heliconius erato phyllis* (Fabricius); host plant; Brazil]
- Nardin, Janaína de, Luciana da Silva and Aldo Mellender de Araújo**  
2016. Comparative effects of inbreeding and outbreeding on the ontogeny of *Heliconius erato phyllis* (Lepidoptera: Nymphalidae). *Entomological Science* 19(3): 304-309, 2 tabs. (July; published online 17 June) [host plant; Brazil]  
2017. Kin recognition in a butterfly: inferences about its heritability. *Ethology Ecology & Evolution* 29(3): 255-265, 2 tabs. (May; published online 4 March 2016) [*Heliconius erato phyllis* (Fabricius); host plants; genetics; Brazil]
- Narendra, Barbara L.**  
1992. See Remington, C. L. & B. L. Narendra, 1992.
- Narrea-Cango, Mónica**  
2013. See Malpartida-Zevallos, J. et al., 2013.
- Narumi, Takeo**  
1993. See Peigler, R. S. et al., 1993.
- Narváez-Zapata, José Alberto**  
2017. See García-Mendoza, A. J. et al., 2017.
- Nascimento, Amanda Maria**  
2012. See Assis, F. A. de et al., 2012.
- Nascimento, André Rangel**  
2014. See Freire Júnior, G. de B. et al., 2014.  
2017. See Shirai, L. T. et al., 2017a.  
2019a. See Cosmo, L. G. et al., 2019.  
2019b. See Freitas, A. V. L. et al., 2019e.
- Nascimento, Eduardo Cândido do**  
1990. See Zanuncio, J. C. et al., 1990.  
1993. See Zanuncio, J. C. et al., 1993b.  
1994. See Zanuncio, J. C. et al., 1994.
- Nascimento, Elvis Souza**  
1999. See Ruszczyk, A. & E. S. Nascimento, 1999.
- Nascimento, Elynton Alves do**  
2006. See Barbola, I. de F. et al., 2006.
- Nascimento, Jorge Luiz do**  
2009. See Ferreira, G. A. et al., 2009.
- Nascimento, Jurema Cruz do**  
2004. See Quadros, F. do C. et al., 2004.
- Nascimento, Marcelo Trindade, and John Du Vall Hay**  
1993. Intraspecific variation in herbivory on *Metrodorea pubescens* (Rutaceae) in two forest types in Central Brazil. *Revista brasileira de Biologia* 53(1): 143-153, 4 figs., 4 tabs. ("28 February", 19 July) [*Grais stigmaticus* (Mabille); host plant]
- Nascimento, Maria de Lourdes**  
2012. See Meira, A. L. et al., 2012.
- Nascimento, Milena de Sousa**  
2010a. See Monteiro, R. F. et al., 2010.  
2010b. See Duarte, M. et al., 2010.
- Nascimento, Paulo do**  
1986. See Lopes, F. S. & P. do Nascimento, 1986.
- Nascimento, Paulo Gustavo Barboni Dantas**  
2008. See Ambrósio, S. R. et al., 2008.
- Nash, David R.**  
2018. See Schär, S. et al., 2018.
- Nash, Robert J.**  
1986. See Rothschild, M. L. et al., 1986.  
1995. See Scofield, A. M. et al., 1995.
- Nash, Robert J., E. Arthur Bell and Phillip Ronald Ackery**  
1992. The protective role of cycasin in cycad-feeding Lepidoptera. *Phytochemistry* 31(6): 1955-1957, 1 tab. (June) [*Eumaeus*; host plants]
- Naskrecki, Piotr**  
2013. The wonder of metamorphosis. *Wings* 36(1): 5-10, 5 figs. [*Anaea* sp.; pupa; Surinam]
- Nassar, Jafet**  
2005. See Fleming, T. H. et al., 2005.
- Nates-Parra, Guiomar**  
2012. See Medina-Gutiérrez, Julián et al., 2012.
- Nation, James L.**  
2007a. See Hay-Roe, M. M. & J. L. Nation, 2007.  
2007b. See Hay-Roe, M. M. et al., 2007.
- National Research Council**  
1983. *Butterfly farming in Papua New Guinea*. Washington, D.C., National Academy Press. viii + 36 pp., 4 pls., 2 figs. [general; Neotropics]
- Nattier, Romain, Claire Capdevielle-Dulac, Catherine Cassildé, Arnaud Couloux, Corinne Cruaud, Gilbert Lachaume, Gerardo Lamas, Jean-François Silvain and Patrick Blandin**  
2017. Phylogeny and diversification of the cloud forest *Morpho sulkowskyi* group (Lepidoptera, Nymphalidae) in the evolving Andes. *Zoologica Scripta* 46(4): 459-472, 3 figs., 1 tab. (July; published online 18 November 2016) [general; Colombia, Ecuador, Peru, Bolivia]
- Nault, Lowell Raymond** [1940- ]  
1982. See Rings, R. W. & L. R. Nault, 1982.
- Naumann, Clas Michael** [1939-2004]  
1987. See Witthohn, K. & C. M. Naumann, 1987.  
2003. Albertus Sebas (1665-1736) *Rerum Naturalium Thesaurus*. *Entomologische Zeitschrift* 113(12): 355-359, 5 figs. (16 December) [general; history]
- Nava, Cirenía Aramis, and Baldemar Domínguez**  
1992. Disposición espacial de los estadios inmaduros de la palomilla blanca de la col *Leptophobia aripa*. *Boletín de la Sociedad mexicana de Entomología* 10: 15-20, 3 tabs. (March) [host plant; Mexico]
- Nava, Cristian**  
2011. See Castañeda, A. et al., 2011.
- Nava, Dori Edson, and José Roberto Postali Parra**  
2002. Development and soybean leaf consumption by *Urbanus proteus proteus* (L.). *Scientia agricola* (Piracicaba) 59(4): 661-663, 2 figs., 2 tabs. (October-December) [host plant; Brazil]
- Nava, Urbano**  
2012. See Gaytán, B. et al., 2012.
- Nava-Zárate, Nadya**  
2013. See Mora, R. et al., 2013.
- Navarrete, Alejandro**  
2013. See Herrera, M. del C. et al., 2013.
- Navarrete, Darío**  
2016. See Molina, A. et al., 2016.
- Navarrete, Sylvia**  
1991. Los insectos en el arte contemporáneo mexicano. *Artes de México* 11: 54-78, figs. [Ed. 2, 1997] [general; ethno-entomology]
- Navarrete-Heredia, José Luis**  
2002. See Palacios, J. G. & J. L. Navarrete-Heredia, 2002.  
2016. *Entomología cultural: primera eclesis*. Guadalajara, Universidad de Guadalajara. 126 pp., figs. (June) [general]  
2019. See Rodríguez, W. D. et al., 2019.



- Navarrete-Heredia, José Luis, María Isabel Ramírez and Diego Rafael Pérez-Salicrup**  
 2011. Logging within protected areas: Spatial evaluation of the monarch butterfly biosphere reserve, Mexico. *Forest Ecology and Management* 262(4): 646-654, 4 figs., 2 tabs. (15 August; published online 26 May) [*Danaus plexippus* (Linnaeus); conservation]
- Navarro, Adolfo Gerardo**  
 1993. See Peterson, A. T. et al., 1993.
- Navarro, Carmen A.**  
 1968. See Maldonado, J. & C. A. Navarro, 1968.
- Navarro, Fernando Rubén** [ -2014]  
 2004. See Pastrana, J. A. et al., 2004.
- Navarro, Luis**  
 1999. Pollination ecology and effect of nectar removal in *Macleania bullata* (Ericaceae). *Biotropica* 31(4): 618-625, 4 figs., 3 tabs. (December) [*Pronophila orcus* (Latreille); Colombia]
- Navarro, Nicolás**  
 2015. See Huber, B. et al., 2015.  
 2019. See Morris, J. et al., 2019.
- Navarro, Nils**  
 1989. See Torres, A. & N. Navarro, 1989.  
 1995. Incidencias de lepidópteros diurnos en la dieta del murciélago orejudo (*Macrotus waterhousei minor* Gundlach/Peters, [1865]) (Chiroptera: Phyllostomidae). *Garciana* (Holguín) 23: 11-13 (1 July) [general; Cuba]
- Navarro, Víctor, and Carlos Sosa**  
 1968. Biología y morfología del gusano confeti del aguacate, *Pyrrhopyge chalybea* Scudder (Lepidoptera: Hesperidae). *Folia entomologica mexicana* 18/19: 47 (July) [abstract; Mexico]
- Navarro-Tavares, Andrea Barbieri**  
 2006. See Tavares, M. T. et al., 2006.
- Naves, Ronaldo Veloso**  
 2009. See Ferreira, G. A. et al., 2009.
- Nay, Bastien**  
 2016. See Arias, M. M. et al., 2016c.  
 2019. See McClure, M. et al., 2019a.
- Nazari, Vazrick**  
 2009. See Larsen, T. B. et al., 2009.  
 2017. See Todisco, V. et al., 2017.
- Nazari, Vazrick, and Felix A. H. Sperling**  
 2007. Mitochondrial DNA divergence and phylogeography in western Palaearctic Parnassiinae (Lepidoptera: Papilionidae): How many species are there? *Insect Systematics and Evolution* 38(2): 121-138, 3 figs., 3 tabs. (July) [*Baronia brevicornis* Salvin]
- Nazari, Vazrick, Evgueni Valentinovich Zakharov and Felix A. H. Sperling**  
 2007. Phylogeny, historical biogeography, and taxonomic ranking of Parnassiinae (Lepidoptera, Papilionidae) based on morphology and seven genes. *Molecular Phylogenetics and Evolution* 42(1): 131-156, 14 figs., 5 tabs. (January; published online 14 July 2006) [general]
- Nazario-Yepiz, Néstor Octavio**  
 2017. See Pfeiler, E. J. et al., 2017.  
 2018. See Pfeiler, E. J. et al., 2018.
- Neafsey, Daniel E.**  
 2019. See Edelman, N. B. et al., 2019.
- Neave, Sheffield Airey** [1879-1961]  
 1939-40. *Nomenclator zoologicus. A list of the names of genera and subgenera in Zoology from the Tenth Edition of Linnaeus 1758 to the end of 1935*. London, The Zoological Society of London. 1: xiv + 957 pp. (1939); 2: [iv] + 1025 pp. (1939); 3: [iv] + 1065 pp. (1940); 4: [iv] + 758 pp. (1940) [general]  
 1950-75. *Nomenclator zoologicus*. London, The Zoological Society of London. 5: [viii] + 308 pp. (1950); 6: [xii] + 329 pp. (1966); 7: [vi] + 374 pp. (1975) [vol. 6 edited by M. A. Edwards & A. T. Hopwood; vol. 7 by M. A. Edwards & H. G. Vevers] [general; genus-group names]
- Nebel, Gerhard** [1903-1974]  
 1964. *Maria Sibylla Merian. Die schönsten Tafeln aus dem grossen Buch der Schmetterlinge und Pflanzen Metamorphosis insectorum Surinamensium ausgewählt eingeleitet und beschrieben*. Hamburg, Hoffman und Campe Verlag. 64 pp., pls. 9-13, 18, 21, 23-24, 27-28, 31, 36, 38, 41, 49, 55, 65. [general]
- Neck, Raymond Walter** [1946-2017]  
 1973. Foodplant ecology of the butterfly *Chlosyne lacinia* (Geyer) (Nymphalidae). 1. Larval foodplants. *Journal of the Lepidopterists' Society* 27(1): 22-33, 1 tab. (23 February) [general; Neotropics]  
 [1976]a. History of scientific study on a larval color polymorphism in the genus *Chlosyne* (Nymphalidae). *Journal of Research on the Lepidoptera* 14(1): 41-48 ("March 1975", [before 17 February 1976]) [general; Neotropics]  
 1976. Factors affecting the occurrence of *Melanis pixe* (Riodinidae) in extreme southern Texas. *Journal of the Lepidopterists' Society* 30(1): 69-70 (22 April) [larva; host plant; behavior; Mexico]  
 1977a. Effects of 1933 hurricanes on butterflies of central and southern Texas. *Journal of the Lepidopterists' Society* 31(1): 67-68 (30 March) [general; Mexico]  
 1977b. Foodplant ecology of the butterfly *Chlosyne lacinia* (Geyer) (Nymphalidae). II. Additional larval foodplant data. *Journal of Research on the Lepidoptera* 16(2): 69-74 ("June", [before 11 November]) [general; Mexico]  
 1978. Bionomic notes on the blood-spot skipper [Hesperidae: *Phocides ilea sanguinea* (Scudder)]. *Journal of the Lepidopterists' Society* 32(2): 107-110 (19 July) [life history; Mexico]  
 1981a. Aberrant specimen of *Chlosyne lacinia* from central Texas resembles tropical form. *Journal of the Lepidopterists' Society* 34(4): 363-364 (15 June) [Central and South America]  
 1981b. Occurrence and significance of an unusual phenotype of *Colias cesonia* Stoll (Pieridae) in the United States. *Journal of the Lepidopterists' Society* 35(1): 22-26, 1 fig. (7 July) [Mexico]  
 1983. Role of an ornamental plant species in extending the breeding range of a tropical skipper to subtropical southern Texas (Hesperidae). *Journal of Research on the Lepidoptera* 20(3): 129-133 (15 April) [*Phocides palemon ilea* (Reakirt), *Melanis pixe* (Boisduval), *Morpho*, *Dione moneta poeyii* (Butler); Mexico]
- Neder, Lilia Estela**  
 1996. Morfología e los estados inmaduros y aspectos biológicos de *Tetrastichus* sp. (Hymenoptera: Tetrastichidae), parasitoide de *Methona confusa psamathe* Godm. et Salv. (Lepidoptera: Ithomiidae [sic]). *Neotropica* 42(107/108): 41-46, 8 figs., 3 tabs. (November) [*Leptophobia aripa* (Boisduval), *Colias lesbia* (Fabricius); host plants; Argentina]
- Neder, Lilia Estela, and Martha Gladys Arce**  
 1983. Desarrollo ontogenético, morfología y biología de *Leptophobia aripa* Bsd. (Lepidoptera: Pieridae). *Acta zoologica Lilloana* 37(1): 77-85, 18 figs., 2 tabs. (June) [Argentina]  
 1990. Aspectos ontogenéticos y bioecológicos de *Apanteles ayerzai* Brethes (Hymenoptera: Braconidae). *Acta zoologica Lilloana* 39(2): 39-44, 6 figs., 2 tabs. (August)

- [*Pieris phileta automate* Burmeister, *Tatochila autodice* Hübner, *Ascia monuste* (Linnaeus), *Leptophobia aripa* (Boisduval); parasitoid; Argentina]
- Needham, Arthur Edwin** [1912-1993]  
1974. *The significance of zochromes*. New York, Springer Verlag. xx + 429 pp., 54 figs., tabs. [general]
- Neethiraj, Ramprasad**  
2019. See Hill, J. A. et al., 2019.
- Negishi, Kôroku**  
1971a. Butterflies collecting tour across Venezuela. I. A guide to good places. [In Japanese]. *Yadoriga* 67: 3-12, 15 figs., 1 map (15 October) [general]  
1971b. Butterflies collecting tour across Venezuela. II. Attracting Ithomiidae with a herb, "Rabo de Alacran" in the vicinity of Caracas. [In Japanese]. *Yadoriga* 68: 17-26, 13 figs., 1 tab. (15 December) [general]  
1972. Butterflies collecting tour across Venezuela. III. Various tricks for collecting, especially concerning banana bait. [In Japanese]. *Yadoriga* 69: 18-29, 6 figs. (30 April) [general]  
1974. See Takáhashi, M. & K. Negishi, 1974.
- Negita, Keishi**  
1994. See Kumazawa, K. et al., 1994.  
1996. See Kumazawa, K. et al., 1996.
- Negreiros, Allana A., Adrian M. Pohlit, Fabricio Baccaro, Héctor H. F. Koolen and Adrian A. Barnett**  
2019. The bitter end: primate avoidance of caterpillar-infested trees in a central Amazon flooded forest. *Canadian Journal of Zoology* 97(3): 181-186, 3 figs., 2 tabs. (March; published online 5 October 2018) [Nymphalidae; Brazil]
- Negret, Alvaro José** [1949-1998]  
1988. Voos migratórios de Pieridae (Lepidoptera) no Distrito Federal, Brasil. *Revista brasileira de Zoologia* 5(1): 109-117, 4 figs. (31 July) [general]  
1990. Migraciones de mariposas en el suroccidente de Colombia. *Novedades colombianas* (N.S.) 2: 25-29, 1 fig. (October) [general]
- Nei, Masatoshi**  
2010. See Nozawa, M. et al., 2010.
- Neidhoefer, James Russell** [1917-1995]  
1968. Contributions to the Lepidoptera. Descriptions of: *Madoryx* (Sphingidae); *Hemeroplanes* (Sphingidae); *Charaxes* (Nymphalidae); *Anaea* (Nymphalidae). *Occasional Papers of the Milwaukee Public Museum* 1: 1-8, 2 pls. (July) [A. (*Memphis*) *hirta* Weymer; Brazil]
- Neidhoefer, James Russell, and Kenneth MacArthur**  
1971. Some observations on rare and mimetic Lepidoptera. *Yadoriga* 65: 25-32, pls. 1-4 (1 August) [general; gynandromorphs; Brazil, Jamaica, Peru]
- Neild, Andrew Frederic Edwyn** [1966- ]  
1996a. *The Butterflies of Venezuela. Part 1: Nymphalidae I (Limenitidinae, Apaturinae, Charaxinae). A comprehensive guide to the identification of adult Nymphalidae, Papilionidae, and Pieridae*. Greenwich, London, Meridian Publications. 144 pp., 32 pls., 18 figs. ([30] November) [general; taxonomy; distribution; new taxa: *Adelpha ximena willmotti* Neild, *A. irma desousae* Neild & Orellana, *A. olynthia pyrczi* Neild & Orellana, *A. cocala orellanae* Neild, *A. heraclea antonii* Neild, *A. phylaca joffrei* Neild, *A. juruana gutierrezii* Neild, *A. naxia oteroi* Neild, *A. paraena reyi* Neild, *Callicore texa skinneri* Neild, *C. eunomia valeriae* Neild, *Diaethria marchalii juani* Neild, *D. eupepla aliciae* Neild, *Perisama emma cormieri* Neild, *P. tryphena fernandesi* Attal & Crosson, *P. humboldtii attali* Neild, *Mesotaenia vaninka delafuentei* Neild, *Epiphile boliviana lamasi* Neild, *Nica flavilla lucillae* Neild, *Dynamine racidula trembathi* Neild, *D. myrson manriquei* Neild, *D. artemisia ackeryi* Neild, *Vila emilia mattei* Neild, *Agrias claudina delavillae* Neild]  
1996b. See Pyrcz, T. W. & A. F. E. Neild, 1996.  
1998. The Butterflies of Costa Rica and their Natural History. Volume II: Riodinidae. By P. J. DeVries. 1997. *Systematic Entomology* 23(3): 301-303 (July) [general; book review]  
1999. *Agrias* heaven: Butterfly photography in southeastern Venezuela, February 1999. *Lepidoptera News* 1999(2): 9-13, 1 map ("30 June" [19 August]) [general]  
2001. A new Venezuelan subspecies of *Morpho theseus* Deyrolle, 1860 with notes on the nomenclature, systematics and type specimens of the species (Lepidoptera: Nymphalidae: Morphinae). *Lambillionea* 101(3)(2): 431-454, 18 figs., 2 maps (September) [*M. t. perlmani*; ecology; distribution]  
2008. *The Butterflies of Venezuela. Part 2: Nymphalidae II (Acraeinae, Libytheinae, Nymphalinae, Ithomiinae, Morphinae). A comprehensive guide to the identification of adult Nymphalidae, Papilionidae, and Pieridae*. Greenwich, London, Meridian Publications. 275 pp., 84 pls., 31 figs., 2 tabs. ([September]) [general; taxonomy; distribution; new taxa: *Actinote pellenea fernandesi* Neild & Romero, *A. antea pierrei* Neild, *A. thalia sainorum* Neild & Romero, *A. ballettae ballettae* Neild & Romero, *A. b. bonyae* Neild & Romero, *A. alberti alberti* Neild & Romero, *A. a. skinneri* Romero & Neild, *A. romeroi* Neild & Costa, *A. genitrix costae* Neild, *A. callianthe borgesii* Neild & Romero, *A. trinacria vivasi* Neild & Romero, *A. alcione miguelangeli* Neild & Romero, *A. a. flaugeri* Neild & Romero, *A. neleus bermudezi* Neild & Romero, *A. dicaeus luisi* Neild & Romero, *Hypanartia trimaculata fountaineae* Neild, *H. lethe rosamariae* Neild, *Junonia evarete obscura* Neild, *Metamorphia elissa alberti* Neild, *Napeocles jucunda caesari* Neild, *Chlosyne poecile rodriguezii* Neild, *C. p. intermedia* Neild, *C. p. murphyi* Neild, *Anthanassa drusilla halli* Neild, *A. d. forbesi* Neild, *A. d. higginsii* Neild, *Telenassa delphia alani* Neild & Orellana, *T. d. austini* Neild, *Eresia carne mejiai* Neild & De Sousa, *E. c. judithae* Neild, *E. polina joaquina* Neild, *E. clio carmenae* Neild, *E. estebana camacho* Neild, *E. eunice wallacei* Neild, *Olyras crathis browni* Neild, *Tithorea tarricina rafaelli* Neild, *Scada reckia bernhardi* Neild, *Sais browni demarmelsi* Neild, *Mechanitis lysimnia neukircheni* Neild, *Napeogenes larilla delavillae* Neild, *Hypothyris gemella mossi* Neild, *H. g. foxi* Neild, *H. g. batesi* Neild, *H. g. anduzei* Neild, *H. g. pseudoglycon* Neild, *Hyposcada illinissa roberto* Neild, *H. dujardini humboldti* Neild, *H. zarepha bonplandi* Neild, *Oleria santineza reducida* Neild, *O. s. veneae* Neild, *O. phenomoe apexatrata* Neild, *O. boyeri* Neild, *O. victorine vicenteae* Neild, *Pagyris renelichyi* Neild, *Ithomia avella roberti* Neild, *I. a. adamsi* Neild, *Callithomia hezia renati* Neild, *Dircenna dero christopheri* Neild, *D. jemina reynoldsi* Neild, *D. adina willmotti* Neild, *D. a. stevei* Neild, *Ceratinia neso immaculata* Neild, *C. n. naranja* Neild, *Episcada polita aprica* Neild, *E. p. raymondi* Neild, *E. p. archaia* Neild, *E. hymenaea guianensis* Neild, *E. doto paquito* Neild, *Pteronymia donella mariagabrielae* Neild & De Sousa, *P. primula crocea* Neild, *P. alissa dorotheae* Neild, *P. a. marjorieae* Neild, *P. alicia* Neild, *P. peteri* Neild, *P. veia florea* Neild, *P. oneida sebastiani* Neild, *P. o. merida* Neild, *P. o. ricardi* Neild, *P. zerlina amarillana* Neild, *P. z. cristalina* Neild, *P. tida citrina* Neild, *P. hara ancha* Neild, *P. h. albida* Neild, *P. h. estrecha* Neild, *P. alida georgei* Neild, *Godyrus zavaleta christiani* Neild, *Hypoleria lavinia niclae* Neild, *H. l. inconspicua* Neild, *Greta clavijoi* Neild, *G. polissena bolivariana* Neild, *G.*

*enigma pseudortygia* Neild & Willmott, *Antirrhoea philaretos piaroa* Orellana & Neild, *Morpho theseus claritae* Neild, *M. rhetenor hightoni* Neild, *M. menelaus laurellae* Neild, *M. m. neildi* Blandin, *M. deidamia jacki* Neild, *M. helenor packeri* Neild]

- 2014a. See Blandin, P. et al., 2014a.
- 2014b. See Touroult, J. et al., 2014.
- 2015. See Kozak, K. M. et al., 2015.
- 2016a. See Costa, M. et al., 2016.
- 2016b. See Nakahara, S. et al., 2016a.
- 2017a. See Zacca, T. et al., 2017a.
- 2017b. See Costa, M. et al., 2017.
- 2018a. See Nakahara et al., 2018a.
- 2018b. See Losada, M. E. et al., 2018.
- 2018c. See Costa, M. et al., 2018.
- 2019. See Costa, M. et al., 2019c.

**Neild, Andrew Frederic Edwyn, and Zsolt Bálint**

- 2014. Notes on the identity of *Evenus coronata* (Hewitson, 1865) (Lepidoptera: Lycaenidae: Theclinae: Eumaeini) with the description of a remarkable overlooked sibling species. *Tropical Lepidoptera Research* 24(2): 105-120, 15 figs., 3 tabs. (20 December) [*Evenus felix*; Central and South America]

**Neild, Andrew Frederic Edwyn, Shinichi Nakahara, Steven A. Fratello and Donald James Harvey**

- 2014. A new species of *Euptychia* Hübner, 1818 (Nymphalidae: Satyrinae: Satyrini) from the Amazon basin and the Guianas. *Tropical Lepidoptera Research* 24(1): 4-9, 5 figs. (20 June) [*E. alacristata*; Venezuela, Guyana, Colombia, Brazil]

**Neild, Andrew Frederic Edwyn, Shinichi Nakahara, Thamara Zacca, Steven A. Fratello, Gerardo Lamas, Jean-François Le Crom, Diego Rodrigo Dolibaina, Fernando Maia Silva Dias, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke and Marianne Espeland**

- 2015. Two new species of *Euptychia* Hübner, 1818 from the Upper Amazon basin (Lepidoptera, Nymphalidae, Satyrinae). *ZooKeys* 541: 87-108, 10 figs., 2 tabs., 1 map (1 December) [*E. attenboroughi*, *E. sophiae*; Venezuela, Colombia, Peru, Brazil]

**Neild, Andrew Frederic Edwyn, and Tomasz Wilhelm Pyrcz**

- 2014. In memoriam: Rafael Fernando Rey Cárdenas 1958-2010. *News of the Lepidopterists' Society* 56(3): 122-125, 3 figs. (August) [general; Venezuela]

**Neira, Miguel, and Jorge Ruff**

- 1983. *Coccygomimus fuscipes* (Brullé 1846) (Hym: Ichneumonidae), parasitoide de pupas de *Pieris brassicae* L. (Lep. Pieridae) en Chile. *Agro Sur* 11(1): 55-56 (January-June)

**Neira, Miguel, Jorge Ruff and Nelly Mundaca**

- 1989. Enemigos naturales de *Pieris brassicae* L. (Lepidoptera: Pieridae) en cultivos de crucíferas en Valdivia. *Agro-Ciencia* 5(2): 5-10. [host plants; parasitoids; predator; Chile]

**Neis, Marina**

- 2017. See Lepesqueur, C. et al., 2017.

**Nekrutenko, Yuri Pavlovich [1936-2010]**

- 2000. A catalogue of the type specimens of Lycaenidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Entomologische Abhandlungen und Berichte aus dem staatlichen Museum für Tierkunde in Dresden* 59(6): 143-215, 1 fig. (20 October) [*Thecla echion* f. *echiolus* Draudt; Mexico]
- 2001a. A catalogue of the type specimens of Riodinidae deposited in the collection of the Staatliches Museum für

Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Entomologische Abhandlungen und Berichte aus dem staatliches Museum für Tierkunde in Dresden* 59(12): 319-323 (25 July) [general]

- 2001b. A catalogue of the type specimens of Nymphalidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Entomologische Abhandlungen und Berichte aus dem staatliches Museum für Tierkunde in Dresden* 59(13): 325-403 (25 July) [general]
- 2001c. A catalogue of the type specimens of Papilionidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Entomologische Abhandlungen und Berichte aus dem staatliches Museum für Tierkunde in Dresden* 59(14): 405-453 (25 July) [general]
- 2003. Catalogue of the type specimens of Hesperidae and Pieridae deposited at the Museum für Tierkunde Dresden, with additions to the catalogues of Nymphalidae, Riodinidae and Lycaenidae (Insecta: Lepidoptera). *Entomologische Abhandlungen* 60: 79-109 (10 January) [general; Neotropics]

**Nel, André, and Jacques Nel**

- 1986. A propos de deux lépidoptères fossiles du Stampien d'Aix-en-Provence (Lepidoptera, Hesperidae et Nymphalidae Satyrinae). *Bulletin du Muséum national d'Histoire Naturelle (Paris) Section C* (4)8(3): 343-350, 1 pl., 2 figs. (24 December) [*Atrytonopsis zaovinia* Dyar, *Antirrhoea phasiane* (Butler); Neotropics]

**Nel, Jacques**

- 1986. See Nel, A. & J. Nel, 1986.

**Nelson, Carolyn J.**

- 1984. See Brower, L. P. et al., 1984.
- 1986. See Seiber, J. N. et al., 1986.
- 1988. See Brower, L. P. et al., 1988.
- 1993. A model for cardenolide and cardenolide glycoside storage by the Monarch butterfly. *Science Series. Natural History Museum of Los Angeles County* 38: 83-90, 2 figs., 4 tabs. (18 February) [*Danaus plexippus* (Linnaeus); Mexico]

**Nelson, E. Charles**

- 2011. Petit, R. (editor). Perry's "Arcana". A facsimile edition with a collation and systematic review. 2009. *Archives of natural History* 38(2): 368 (October) [general; history; book review]

**Nelson, Edward M.**

- 1965. Notes to stimulate researches on the Puertorican Monarch butterfly. *Caribbean Journal of Science* 5(1/2): 87-88 (March-June) [*Danaus plexippus megalippe* (Hübner), *D. p. portoricensis* Clark; classification; behavior; host plants]

**Nemeschkal, Hans L.**

- 2009. See Eberhard, S. H. et al., 2009.

**Nemésio, André**

- 2005. A homonymy in Hesperidae (Lepidoptera): A new name for *Cyclopyge* Mielke. *Neotropical Entomology* 34(6): 1025 (November-December) [*Olafia*; Brazil]

**Nemnich, Philip Andreas [1764-1822]**

- 1793-98. *Allgemeines Polyglotten-Lexicon der Naturgeschichte mit erklärenden Anmerkungen. Wörterbücher der Naturgeschichte in der Deutschen, Holländischen, Dänischen, Schwedischen, Englischen, Französischen, Italienischen, Spanischen und Portugisischen Sprache.* Hamburg, Author. 3 vols. [general; *Papilio*]

**Nery, Izabella, Natalia Carvalho and Henrique Paprocki**

- 2014. Checklist of butterflies (Insecta: Lepidoptera) from Serra do Itandente State Park – Minas Gerais, Brazil.

**Ness, Rob W.**

2015. See Keightley, P. D. et al., 2015.

**Nessimian, Jorge Luiz**

2010. See Couri, M. S. et al., 2010.

**Neuburger, Wilhelm** [1868- ]

1905. Über einige noch unbenannte *Colias*-abarten. *Societas entomologica* 20(6): 42 (15 June) [general; *C. dimera* aberration *meridensis*; Colombia, Ecuador, Venezuela]
1907. *Adelpha ehrhardi* spec. nov. *Societas entomologica* 22(7): 50 (1 July) [Peru, Ecuador, Venezuela, Bolivia]

**Neukirchen, Walter Michael** [1959- ]

- 1990a. Eine neue Subspecies von *Heliconius demeter* Staudinger aus Brasilien (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 100(12): 230-232, 1 fig. (15 June) [*H. d. karinae*]
- 1990b. Ein neuer *Heliconius* aus Venezuela (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 100(16): 310-312, 1 fig. (15 August) [*H. elevatus zoelleri*]
- 1991a. Polymorphie und Systematik von *Heliconius longarena* Hewitson (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 101(3): 33-44, 48 figs. (1 February) [Colombia]
- 1991b. Eine neue *Heliconius*-Form aus Ost-Kolumbien (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 101(6): 108-110, 2 figs. (15 March) [*H. cydno wanningeri*]
- 1991c. Zwei neue Subspecies von *Heliconius hecuba* Hewitson 1858 aus den Anden Ecuadors (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 101(13): 245-250, 3 figs. (1 July) [*H. h. bonplandi*, *H. h. lamas*]
- 1991d. *Heliconius egeria mariasibyllae* subsp. nov. von Pará, Brasilien. *Atalanta* 22(2/4): 87-92, 374-377, pls. 20-21 (December)
- 1992a. Ein neues Taxon der Gattung *Heliconius* aus Brasilien (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 102(7): 124-127, 1 fig. (1 April) [*H. hermathena sabinae*]
- 1992b. Drei neue *Heliconius* aus dem Territorium Amazonas in Venezuela nebst Bemerkungen zu verwandten Formen der angrenzenden Region (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 102(18): 321-344, 22 figs. (15 September) [*H. egeria keithbrowni*, *H. xanthocles buechei*, *H. (Neruda) aoede ayacuchensis*]
1993. Eine neue Subspecies von *Heliconius hecuba* aus den kolumbischen Anden (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 103(21): 381-385, 4 figs. (2 November) [*H. h. salazari*]
- 1994a. *Heliconius sara williami* n. subsp. von Trinidad (West Indies) (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 104(8): 141-144, 3 figs. (15 April)
- 1994b. *Heliconius (Neruda) aoede centurius* n. subsp., eine neue Unterart aus Französisch-Guayana (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 104(18): 353-368, 1 fig. (15 September)
- 1994c. Ein neuer *Heliconius* vom oberen Amazonas (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 104(24): 483-485, 1 fig. (15 December) [*H. ethilla penthesilea*; Brazil]
- 1995a. *Heliconius demeter titan* n. subsp., eine bemerkenswerte neue Unterart aus Zentral-Amazonien (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 105(3): 52-56, 2 figs. (1 February) [Brazil]
- 1995b. Zwei neue bolivianische *Heliconius*-Formen (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 105(9): 167-171, 2 figs. (2 May) [*H. hecale zeus*, *H. pardalinus ariadne*]
- 1995c. Eine neue Unterart von *Heliconius cydno* Doubleday 1847 aus dem Quellgebiet des Rio Magdalena in Kolumbien (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 105(9): 189-191, 2 figs. (15 May) [*H. c. lisethae*]
- 1995d. Vier neue Unterarten von *Heliconius burneyi* (Hübner, 1816) (Lepidoptera: Nymphalidae). *Atalanta* 26(1/2): 201-208, pls. 6c, 7-8 (28 August) [*H. b. anjae*, *H. b. jamesi*, *H. b. koenigi*, *H. b. boliviensis*; Brazil, Peru, Bolivia]
- 1995e. Neue exotische Schmetterlinge der Genera *Asterope* und *Callicore* (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 105(19): 381-386, 2 figs. (2 October) [*A. markii werner*, *C. arirambae marisolae*; Brazil]
- 1996a. Ein neues Taxon der Gattung *Asterope* nebst Abbildung bislang unbekannter Weibchen (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 106(1): 1-4, 3 figs. (18 January) [*A. markii gallardi*, *A. whitelyi* (Salvin); French Guiana, Peru]
- 1996b. Zwei neue Subspecies von *Heliconius leucadia* Bates 1862 (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 106(7): 279-283, 5 figs. (18 July) [*H. l. birgitae*, *H. l. andromeda*; Brazil, Ecuador, Peru, Bolivia]
- 1996c. See Jiggins, C. D. et al., 1996.
- 1997a. Zwei neue *Heliconius*-Unterarten aus Brasilien (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 107(6): 217-222, 6 figs. (12 June) [*H. egeria christiani*, *H. elevatus sonjae*]
- 1997b. *Heliconius demeter neildi* n. subsp. aus Ost-Ecuador (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 107(9): 357-361, 5 figs. (18 September)
- 1997c. Zwei neue Heliconiinae aus dem Oriente Ecuadors (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 107(11): 482-487, 4 figs. (13 November) [*Heliconius elevatus willmotti*, *Neruda aoede auca*]
- 1997d. Neue peruanische *Heliconius*-Unterarten. *Entomologische Zeitschrift* 107(12): 493-497, 4 figs. (18 December) [*H. demeter angeli*, *H. melpomene michellae*]
- 1998a. Taxonomische Betrachtungen über *Heliconius hecale* (Fabricius) und *Heliconius pardalinus* Bates in Amazonien nebst Beschreibung neuer Unterarten (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 108(1): 1-11, 24 figs. (22 January) [*H. h. paulus*, *H. h. naxos*; Brazil]
- 1998b. Zwei neue *Heliconius*-Unterarten aus Kolumbien (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 108(6): 217-223, 9 figs. (18 June) [*H. sara elektra*, *H. ethilla latona*]
2000. Zwei neue Heliconiinae aus Ecuador (Lepidoptera: Nymphalidae). *Entomologische Zeitschrift* 110(5): 141-143, 4 figs. (12 May) [*Heliconius pardalinus julia*, *Neruda aoede aliciae*]
2007. See Mallet, J. L. B. et al., 2007.

**Neumoegen, Berthold** [1845-1895]

1885. [A note]. *Entomologica americana* 1(8): 160 (November) [*Papilio asterius* Cramer, *P. asterioides* Reakirt; Cuba, Central America]
1891. On the genus *Anaea* Hb. (*Paphia* Westw.) of our country. *Entomological News* 2(9): 175-177 (29 October) [general; Neotropics]

**Neupane, Naresh**

2019. See Saunders, S. P. et al., 2019.

**Neustetter, Heinrich** [1874-1958]

1907. Neue *Heliconius*-Formen. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 57(6/7): (178)-(184) (30 August) [general; *H. narcaea* aberration *brunnescens* *H. ethra* aberration *brasiliensis*, *H. e.* variety *hopfferi*, *H. ismenius* aberration *albofasciatus*, *H. rebeli*, *H. zuleika* aberration *dentata*, *H. cydno* form *punctata*, *H. c.* aberration *mediocydno*, *H. alithea* variety *minor*; Brazil, Colombia, Panama, Ecuador]
1909. Beschreibung und Besprechung neuer oder wenig

- bekannter Formen der Gattung *Heliconius* Latr. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 58(10): (264)-(269) (20 January) [general; *H. ismenius* form *defasciatus*, *H. ithaca* form *cajetani*, *H. anderida* form *melicerta* form *muzoensis*, *H. melpomene* form *aglaope* form *anna*, *H. m. a.* form *ecuadorensis*, *H. m. a.* form *dione*, *H. erato* form *phyllis* form *athene*; Colombia, Ecuador, Bolivia]
1912. Neue *Heliconius*. *Fauna exotica* 1(14): 54-55, 2 figs. (10 February) [*H. adela*, *H. melittus* form *fassli*, *H. idalion* form *confluens*; Peru, Colombia]
1913. Beschreibung einer neuen *Heliconius*-Form. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 63(1/2): (23)-(24), fig. 6 (30 April) [*H. cydno* form *cordula*; Venezuela]
1916. *Heliconinae*. Nachtrag [in part]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 593-597 ([15 May]) [general; new taxa: *H. rubellius* form *seitzi*, *H. telesiphe* form *cretacea*, *Eueides* form *isabella* form *hubneri* form *olga*; Neotropics]
- 1925a. Neue *Heliconius*-Formen. *Zeitschrift des oesterreichischen Entomologen-Vereines* 10(2): 11-14 (15 February) [general; *H. gradatus* form *xinguensis*, *H. aristiona* form *messene* form *juncta*, *H. ithaca* form *ithaca* form *sulphureofasciata*, *H. i.* form *vittatus* form *nigroapicalis*, *H. cydno* form *hermogenes* form *anthelea*, *H. melpomene* form *thelxiope* form *aquilina*, *H. m.* form *penelope* form *praxedis*, *H. amaryllis* form *rosina* form *fumosa*, *H. xenoclea* form *plesseni* form *dido*, *H. xanthocles* form *melete* form *meridionalis*, *H. burneyi* form *ada*, *H. wallacei* form *flavescens* form *quadrimaculata*, *H. microclea* form *notabilis* form *flavopunctatus*, *H. m.* form *beata* form *zoraida*; Brazil, Colombia, Bolivia, Ecuador]
- 1925b. Drei neue *Heliconius*-Formen. *Internationale entomologische Zeitschrift* 19(9): 60-61 (1 June) [general; *H. phyllis* form *krügeri*, *H. p.* form *flavomixta*, *H. p.* form *anacreonides*; Bolivia]
- 1926a. Beschreibung und Besprechung neuer und wenig gekannter *Heliconius*-Formen. *Internationale entomologische Zeitschrift* 20(5): 34-40 (1 May) [general; *H. penelope* form *noctis*, *H. p.* form *aida*, *H. p.* form *amneris*, *H. p.* form *excellens*, *H. p.* form *carnea*, *H. p.* form *amandoides*, *H. p.* form *rufofascia*; Bolivia]
- 1926b. Besprechung einer *Heliconius*-Ausbeute aus Französisch-Guayana und Beschreibung der neuen Formen aus derselben. *Internationale entomologische Zeitschrift* 20(31): 278-282 (15 November), (32): 289-293 (22 November) [general; *H. melpomene* form *flavorubra*, *H. m.* form *luteipicta*, *H. m.* form *lydia*, *H. m.* form *aurelia*, *H. m.* form *lavinia*, *H. m.* form *bang-haasi*, *H. doris* form *albescens*, *H. erato* form *roseoflava*, *H. e.* form *fumata*]
- 1927a. Eine neue *Heliconius*-Form. *Internationale entomologische Zeitschrift* 21(11): 86 (15 June) [*H. phyllis* form *anacreon* form *clelia*; Bolivia]
- 1927b. Neue *Heliconius*-Formen. *Internationale entomologische Zeitschrift* 21(27): 227-230 (15 October) [general; *H. melpomene* form *rubroflammea*, *H. m.* form *athalia*, *H. m.* form *penelopides*, *H. m.* form *laurentina*, *H. xenoclea* form *plesseni* form *clytie*; French Guiana, Ecuador]
- 1928a. Zwei neue *Heliconius*. *Internationale entomologische Zeitschrift* 21(46): 442-444 (8 March) [general; *H. humboldti*, *H. h.* form *alexander*; Brazil]
- 1928b. Neue *Heliconius*-Formen. *Internationale entomologische Zeitschrift* 22(7): 75-80, 4 figs. (15 May) [general; *H. melpomene* form *aglaope* form *aurofasciata*, *H. m. a.* form *paula*, *H. m. a.* form *parva*, *H. erato* form *estrella* form *problemata*, *H. e. e.* form *meliorina*, *H. e. e.* form *glaucina*; Colombia]
- 1928c. Neue und wenig bekannte *Heliconius*. *Internationale entomologische Zeitschrift* 22(25): 237-240 (1 October), (26): 245-248 (8 October) [general; *H. ismenius* form *faunus* form *hoppi*, *H. ethilla* form *hyalina*, *H. silvana* form *boulleti*, *H. aristiona* form *messene* form *euphrasinus*, *H. pardalinus* form *tithoreides* form *garleppi*, *H. cydno* form *zelinde* form *inca*, *H. c.* form *cydnides* form *werner*, *H. heurippa* form *tenuifasciata*, *H. melpomene* form *rufolinea*, *H. m.* form *intersectus*, *H. timareta* form *strand*, *H. xenoclea* form *plesseni* form *mimetica*, *H. hecuba* form *choarinus* form *flava*, *H. h. c.* form *cacica*, *Eueides* form *tales* form *zernyi*; Colombia, Brazil, Peru, French Guiana, Ecuador]
- 1928d. Neue *Heliconius*. *Internationale entomologische Zeitschrift* 22(28): 258-259 (22 October) [general; *H. ismenius* form *occidentalis*, *H. cydno* form *cydnides* form *flavidior*, *H. c. c.* form *albidior*, *H. c. c.* form *azteka*, *H. c. c.* form *confluens*; Colombia]
- 1929a. Neue exotische Tagfalter. *Internationale entomologische Zeitschrift* 22(42): 389-392 (8 February) [general; *Hirsutis* form *pseudonyma* form *mira*, *Ceratinia* form *philetaera* form *aberration* form *bifasciata*, *Ithomia* form *iphianassa* form *ethilla*, *Selenophanes* form *josephus* form *tenuifasciata*, *Tisiphone* form *maculata* form *daguana*, *Callizona* form *acesta* form *columbina*, *Anaea* form *phidile* form *aberration* form *albomaculata*, *A.* form *promenea* form *salvini*; Bolivia, Colombia, Brazil]
- 1929b. Nymphalidae: Subfam. Heliconiinae. *Lepidopterorum Catalogus* 36: 1-136 (22 July) [new subspecies: *Heliconius* form *wallacei* form *kaye*]
1931. Neue *Heliconius*. *Internationale entomologische Zeitschrift* 25(17): 165-174, 5 figs. (1 August) [general; *H. numatus* form *jiparanaensis*, *H. n. j.* form *mediatrix*, *H. silvana* form *atakama*, *H. novatus* form *confluens*, *H. aristiona* form *timaeus* form *aristeus*, *H. melpomene* form *trimaculata*, *H. m.* form *nigrointerrupta*, *H. elevatus* form *pseudocupidineus*, *H. penelope* form *flavodiscalis*, *H. besckei* form *intermixta*, *H. erato* form *formis*, *H. erato* form *latiflava*, *H. e.* form *nigrobasalis*, *H. demeter* form *similis*, *Eueides* form *thales* form *reducta*, *Heliconius* form *aristiona* form *aurora* form *michaeli*, *H. a.* form *staudingeri* form *lutea*, *H. quitalea* form *felix* form *umbrina*, *H. aglaope* form *flavotenuiata*; Brazil, Bolivia, Peru, French Guiana]
1932. Neue *Heliconius*. *Zeitschrift des oesterreichischen Entomologen Vereines* 17(1): 3-5 (15 January), (2/3): 15-18, pl. 2 (1 March) [general; *H. numatus* form *laura*, *H. aristiona* form *idalion* form *excelsa*, *H. a.* form *aurora* form *deflavata*, *H. elevatus* form *nigromaculata*, *H. aglaope* form *magnimaculata*, *H. a.* form *daira*, *H. favorinus* form *pseudoanacreon*, *H. aoede* form *metella*, *H. xanthocles* form *melete* form *laticornis*, *H. phyllis* form *venustus* form *pseudoleda*; Colombia, Peru, Bolivia]
1938. Neue *Heliconius*. *Entomologische Rundschau* 55(36): 415-417 (22 June) [*H. elevatus* form *noldneri*, *H. e.* form *griseoviridis*, *H. vulcanus* form *immarginata*, *H. erato* form *juanita*; Brazil (?), Guyana]

**Neves, Dorisane Almeida, and Márton Paluch**

2016a. Biology and external morphology of immatures of *Opsiphanes quiteria meridionalis* Staudinger (Lepidoptera: Nymphalidae). *Neotropical Entomology* 45(1): 13-21, 4 figs., 2 tabs. (February; published online 4 September 2015) [host plant; Brazil]

2016b. Estrutura da comunidade de borboletas frugívoras na Mata Atlântica do Litoral Sul da Bahia (Brasil) (Lepidoptera: Nymphalidae). *Shilap* 44(176): 593-606, 6 figs., 4 tabs. (30 December) [general]

**Neves, Frederico de Siqueira**

2012. See Gozzi, M. R. et al., 2012.

2017. See Beirão, M. do V. et al., 2017.

2019. See Rosa, A. H. B. et al., 2019a.
- Neves, Frederico de Siqueira, Bruno Gini Madeira, Victor Hugo Fonseca Oliveira and Marcílio Fagundes**
2008. Insetos como bioindicadores dos processos de regeneração em matas secas. *MG.Biota* 1(2): 46-53, 3 figs. (July) [general; conservation; Brazil]
- Neves, Guilherme da Silva**
2018. See Martínez, L. C. et al., 2018.
- Neves, Ludmila Lafeté de Melo**
1997. See Bastos, C. S. et al., 1997.
- Neves, Ludmila Lafeté de Melo, Marcelo Coutinho Picanço, Cristina Schetino Bastos, Luiz Sergio Saraiva and João Marques de Araújo**
1996. Resistência de sete clones de couve ao curuquerê (*Ascia monuste orseis*). *Horticultura brasileira* 14(1): 55-58, 3 figs. (May) [Brazil]
- Neves, Pedro Manoel Oliveira Janeiro**
2014. See Cunha, F. et al., 2014.
- Neville, Anthony Charles** [1937- ]
1977. Metallic gold and silver colours in some insect cuticles. *Journal of Insect Physiology* 23(10): 1267-1274, 5 figs. (October) [*Heliconius erato* (Linnaeus); pupa]
- New, Timothy Richard** [1943- ]
1991. *Butterfly conservation*. Oxford, Oxford University Press. xi + 224 pp., figs. [general]
1993. Introduction to the biology and conservation of the Lycaenidae. *Occasional Paper of the IUCN Species Survival Commission* 8: 1-21, 3 figs., 7 tabs. [general]
1997. Are Lepidoptera an effective 'umbrella group' for biodiversity conservation? *Journal of Insect Conservation* 1(1): 5-12, 4 tabs. (March) [general]
2016. Lee A. Dyer and Matthew L. Forister (eds): The lives of lepidopterists. 2015. *Journal of Insect Conservation* 20(1): 161-162 (February; published online 29 January) [general; book review]
- New, Timothy Richard, and Nicholas Mark Collins**
1991. *Swallowtail butterflies. An action plan for their conservation*. Gland, International Union for Conservation of Nature and Natural Resources. iv + 36 pp., 2 + 12 figs., 5 tabs. [general; Papilionidae]
- New, Timothy Richard, Robert Michael Pyle, Jeremy Ambler Thomas, Christian David Thomas and Paul C. Hammond**
1995. Butterfly conservation management. *Annual Review of Entomology* 40: 57-83. [general]
- Newell, Dionne**
2009. See Turner, T. W. et al., 2009.
- Newman, Edward** [1801-1876]
1834. Attempted division of British [sic] insects into natural orders. *Entomological Magazine* 2(4): 379-430 (October) [Morphites]
1872. A synonymic list of diurnal Lepidoptera. By W. F. Kirby. *Zoologist* (2)7(30): 2877-2898 (January) [general; book review]
- Newman, Gary Grant**
1977. See Panizzi, A. R. et al., 1977.
- Nguyen, Thi-Hong**
2010. See Lagnel, M. et al., 2010.
- Nicácio, José do Nascimento**
2012. See Uchôa, M. A. et al., 2012.
- Nice, Chris C.**
2003. See Fordyce, J. A. & C. C. Nice, 2003.
2006. See Gompert, Z. et al., 2006.
- 2008a. See Forister, M. L. et al., 2008.
- 2008b. See Fordyce, J. A. et al., 2008.
- Nice, Chris C., Nicola Anthony, Greg Gelembiuk, Denise Raterman and Richard French-Constant**
2005. The history and geography of diversification within the butterfly genus *Lycaeides* in North America. *Molecular Ecology* 14(6): 1741-1754, 5 figs., 2 tabs. (May; published online 12 April) [Mexico]
- Nice, Chris C., James A. Fordyce, Katherine L. Bell, Matthew L. Forister, Zachariah Gompert and Philip James DeVries**
2019. Vertical differentiation in tropical forest butterflies: a novel mechanism generating insect diversity? *Biology Letters* 15(1)(20181723): 1-4, 2 figs., 2 tabs. (2 January) [*Archaeoprepona demophon* (Linnaeus); Costa Rica, Ecuador, Peru]
- Nice, Chris C., and Arthur Maurice Shapiro**
1999. Molecular and morphological divergence in the butterfly genus *Lycaeides* (Lepidoptera: Lycaenidae) in North America: evidence of recent speciation. *Journal of evolutionary Biology* 12(5): 936-950, 5 figs., 4 tabs. (September) [Mexico]
- Nicéville, Charles Lionel Augustus de** [1852-1901]
1889. On new and little-known butterflies from the Indian region, with a revision of the genus *Plesioneura* of Felder and of authors. *Journal of the Bombay natural History Society* 4(3): 163-194, pls. A-B [*Celaenorrhinus eligius* (Cramer), *C. vulturnus* (Felder & Felder), *C. compressa* (Möschler), *C. ochrogutta* (Möschler), *C. fritzgartneri* (Bailey); Central and South America]
- Nicholls, James A.**
2017. See Endara, M.-J. et al., 2017.
- Nicolay, Stanley Swenson** [1917-2004]
- 1971a. A new genus of hairstreak from Central and South America (Lycaenidae, Theclinae). *Journal of the Lepidopterists' Society* 25(Suppl. 1): 1-39, 4 pls., 11 figs. (10 May) [general; new taxa: *Symbiopsis* (new genus) *smalli*, *S. pentas*, *S. morphi*; ecology; distribution]
- 1971b. A review of the genus *Arcas* with descriptions of new species (Lycaenidae, Strymonini). *Journal of the Lepidopterists' Society* 25(2): 87-108, 11 figs. (19 May) [general; *A. delphia*, *A. jivaro*; Neotropics]
- 1971c. See Miller, L. D. & S. S. Nicolay, 1971.
1973. Descriptions of new Neotropical Hesperidae. *Journal of the Lepidopterists' Society* 27(4): 243-257, 35 figs. (30 November) [*Ouleus dilla baru*, *Tosta sapasoa*, *Virga paraba*, *Pamba boyaca*, *Papias trimacula*, *Vettius chagres*, *Damas immacula*, *Thespieus inez*; behavior; ecology; Panama, Peru, Brazil, Colombia]
- [1975]. Illustrations and descriptions of some Pyrrhopyginae from Panama (Hesperidae). *Journal of Research on the Lepidoptera* 13(3): 181-190, 9 figs. ("September 1974", [before 8 April 1975]) [general; new subspecies: *Zonia zonia panamensis*, *Myscelus assaricus michaeli*; behavior]
1976. A review of the Hübnerian genera *Panthiades* and *Cycnus* (Lycaenidae: Eumaeini). *Bulletin of the Allyn Museum* 35: 1-30, 25 figs. (28 May) [general; Mexico, Central and South America]
1977. Studies in the genera of American hairstreaks. 4. A new genus of hairstreak from Central and South America (Lycaenidae: Eumaeini). *Bulletin of the Allyn Museum* 44: 1-24, 20 figs. (10 May) [general; new taxa: *Magnastigma julia*, *M. elsa venezolana*]
1979. Studies in the genera of American hairstreaks. 5. A review of the Hubnerian genus *Parrhasius* and description of a new genus *Michaelus* (Lycaenidae: Eumaeini). *Bulletin of the Allyn Museum* 56: 1-51, 45 figs. (28 December) [general; new taxa: *Parrhasius orgia melissa* (new name),

- P. o. amazonis*, *P. o. orgiophantes*, *P. m-album urraca*; Neotropics]
- 1980a. The genus *Chlorostymon* and a new subspecies of *C. simaethis*. *Journal of the Lepidopterists' Society* 34(2): 253-256, 3 figs. (23 September) [*C. s. rosario*; Neotropics]
- 1980b. Descriptions of new Hesperidae from Panama and Ecuador (Pyrginae and Hesperinae). *Bulletin of the Allyn Museum* 59: 1-17, 17 figs. (9 December) [*Ouleus negrus*, *Anisochoria nadia*, *Synapte infusco*, *Psoralis concolor*, *Thoon maritza*, *Tisias carystoides*, *Enosis topo*, *Penicula criska jon*, *Hansa cotundo*, *Niconiades tina*]
1982. Studies in the genera of American hairstreaks. 6. A review of the Hubnerian genus *Olynthus* (Lycaenidae: Eumaeini). *Bulletin of the Allyn Museum* 74: 1-30, 34 figs. (29 June) [Panama, South America]
- 1999a. See Robbins, R. K. & S. S. Nicolay, 1999a.
- 1999b. See Robbins, R. K. & S. S. Nicolay, 1999b.
2000. Revista de Theclinae colombianos/Review of Colombian Theclinae. 1997. *Journal of the Lepidopterists' Society* 54(2): 76 (15 November) [general; book review]
2002. See Robbins, R. K. & S. S. Nicolay, 2002.
- Nicolay, Stanley Swenson, and Robert Kanner Robbins**
2005. Five new dry-area South American *Strymon* species (Lycaenidae: Theclinae) and their biogeographic significance. *Journal of Research on the Lepidoptera* 38: 35-49, 29 figs. (30 April) [*S. ahrenholzi*, *S. jacqueline*, *S. giffordi*, *S. michelle*, *S. lamasi*; Ecuador, Peru, Brazil]
- Nicolay, Stanley Swenson, and Gordon Burgess Small, Jr.**
1969. A new subspecies of *Pyrrhopyge creon* (Hesperidae) from Panama. *Journal of the Lepidopterists' Society* 23(2): 127-130, 3 figs. (29 May) [*P. c. lilliana*; distribution; behavior]
1981. Illustrations and descriptions of some species of Pyrrhopyginae from Costa Rica, Panama and Colombia. *Journal of Research on the Lepidoptera* 19(4): 230-239, 4 figs. (1 December) [new subspecies: *Pyrrhopyge creon taylori*]
- Niculescu, Eugen Vasile** [1907-1992]
1961. Contributions morphologiques et systématiques à l'étude des Papilionides (Lepidoptera). *Bulletin de la Société entomologique de Mulhouse* 17(1/2): 1-13 (January-February) [general]
1965. Aperçu critique sur la systématique et la phylogénie des nymphalides (Lépidoptères). *Lambillionea* 64(5/8): 17-32 (25 October) [general]
1967. La science des lépidoptères à travers les siècles. *Bulletin de la Société entomologique de Mulhouse* 23(9/10): 71-82 (September-October) [general]
- 1968a. Sur la notion de genre. *Mitteilungen. Entomologische Gesellschaft Basel (Neue Folge)* 18(1): 27-31 (March) [*Parides Eurytides*]
- 1968b. L'importance de l'exosquelette pour la systématique des lépidoptères. *Bollettino della Associazione romana di Entomologia* 23(2): 32-40, 7 figs. (10 June) [general; morphology]
- 1968c. Les principaux éléments de l'armure génitale chez les lépidoptères avec quelques nouvelles considérations sur le VIII<sup>me</sup> sternite. *Revue verviétoise d'Histoire naturelle* 25(4/6): 1-7, 2 figs. (April-June) [general]
- 1968d. Sistematica lepidopterelor, cu o privire critica asupra clasificatiilor existente. *Studii si cercetari de Biologie (Zoologie)* 20(3): 215-225. [general]
- 1970a. Aperçu critique sur la systématique et la phylogénie des lépidoptères. *Bulletin de la Société entomologique de Mulhouse* 26(1/2): 1-16 (January-February) [general]
- 1970b. Le plan de structure - un nouveau principe dans la classification des lépidoptères. *Linneana belgica* 4(4): 81-84 (March) [general]
1971. Espèces et genres (Lepidoptera). *Revue verviétoise d'Histoire naturelle* 28(7/9): 1-8 (July-September) [general; chromosomes]
- 1972a-83. L'armure génitale chez les lépidoptères. *Bulletin de la Société entomologique de Mulhouse (Supplément)* 28: 1-8, figs. 1-5 (1972); 29(1/3): 9-16, figs. 6-13 (January-March 1973), (4/6): 17-24, figs. 14-20 (April-June 1973), (10/12): 25-32, figs. 21-28 (October-December 1973); 30(7/9): 33-36, figs. 29-31 (22 October 1974); 31(1/3): 37-40, figs. 32-34 (17 April 1975), (4/6): 41-44, figs. 35-38 (24 July 1975), (7/9): 45-48, figs. 39-41 (13 October 1975), (10/12): 49-52, figs. 42-44 (8 December 1975); 32: 53-60, figs. 45-46 (1976), (10/12): 61-64 (4 December 1976); 33(1/3): 65-68, figs. 47-49 (28 February 1977), (7/9): 69-72, figs. 50-52 (29 September 1977), (10/12): 73-84, figs. 53-61 (16 December 1977); 34(1/3): 85-88, fig. 62 (20 February 1978), (4/6): 89-96, figs. 63-65 (2 June 1978); 35(7/9): 97-100 (28 September 1979), (10/12): 101-104, 4 figs. (2 December 1979); 36(7/9): 105-112, figs. 5-8 (6 September 1980), (10/12): 113-116, figs. 9-10 (9 December 1980); 37(7/9): 117-120, figs. 11-18 (19 October 1981); 38(7/9): 121-124, figs. 19-26 (20 September 1982); 39(7/9): 125-128, figs. 27-35 (19 October 1983) [general; Neotropics]
- 1972b. Conceptions, réalisations et perspectives dans la lépidoptérologie. *Revue roumaine de Biologie (Zoologie)* 17(2): 97-106. [general]
- 1972c. La terminologie della armatura genitali nei lepidotteri. Definizione e sinonimie. *Bollettino dell'Associazione romana di Entomologia* 27(3/4): 33-44. [general]
- 1972d. Les critères de l'espèce. Le critère cytogénétique. *Revue roumaine de Biologie (Zoologie)* 17(6): 399-406. [general]
- 1972e. Sur la délimitation des genres. *Revue verviétoise d'Histoire naturelle* 29(4/6): 28-31, (7/9): 49-54. [*Euptoieta*, *Phyciodes*]
1973. Aperçu critique sur la systématique de la famille des Lycaenidae (Lepidoptera-Rhopalocera). *Revue verviétoise d'Histoire naturelle* 30(1/3): 2-13 (January-March) [general]
- 1974a. Discussions sur le "Problème de l'espèce et de l'armure génitale". *Bulletin de la Société entomologique de Mulhouse* 1974(1/3): 6-10 (15 February) [general]
- 1974b. Discutii privind armatura genitala la Riodinidae. O noua definitie data formatiunii Manica Pierce. *Studii si cercetari de Biologie (Zoologie)* 26(2): 73-77. [general; morphology]
- 1975a. L'exosquelette prothoracique et mésothoracique des Riodinidae (Lepidoptera). *Bulletin et Annales de la Société royale entomologique de Belgique* 111(4/6): 152-162, 5 figs. (30 June) [general]
- 1975b. Le premier segment abdominal chez les lépidoptères. *Revue verviétoise d'Histoire naturelle* 32(10/12): 70-75, 3 figs. (15 December) [*Historis orion* (Fabricius), Heliconiinae; morphology]
- 1976a. La valeur taxonomique des caractères morphologiques chez les lépidoptères. *Bulletin de la Société entomologique de Mulhouse* 32(1/3): 1-14, 25 figs. (9 February) [general]
- 1976b. Phénomènes de convergence et divergence dans le graphisme des lépidoptères. *Linneana belgica* 6(6): 148-152 (March) [general]
- 1976c. Sur quelques structures particulières de l'armure génitale mâle chez les lépidoptères. *Deutsche entomologische Zeitschrift* (N.F.) 23(1/3): 93-97, pls. 3-7 (17 May) [general]
- 1976d. L'abdomen chez les lépidoptères. *Shilap* 4(15): 201-215, 11 figs. (10 October) [general]

- 1976e. Asupra terminologiei armaturii genitale la Hesperiiidae (Lepidoptera). *Studii si cercetari de Biologie (Biologia animala)* 28(1): 9-12, 3 figs. [general]
- 1976f. Valența morfologică a genurilor. *Studii si cercetari de Biologie (Biologia animala)* 28(2): 85-88 [general]
- 1977a. Mutations convergentes et divergentes chez les lépidoptères. *Revue roumaine de Biologie (Biologie animale)* 22(1): 23-26, 8 figs. (January-June) [general]
- 1977b. La valence morphologique des genres. *Linneana belgica* 7(2): 51-54 (September) (French version of Niculescu, 1976f) [general]
- 1977c. Contributions morphologiques a l'étude du genre *Eurytides* (Lepidoptera-Papilionidae). *Dusenja* (Curitiba) 10(3): 189-197, 6 figs. (20 November) [general]
- 1977d. Les Hesperiiidae - Lépidoptères à caractères collectifs. *Revue roumaine de Biologie (Biologie animale)* 22(2): 127-131, 5 figs. (July-December) [general; Nymphalidae; morphology]
- 1977e. La ressemblance morphologique et la phylogénie (Lepidoptera). *Linneana belgica* 7(3): 77-84, 2 figs., 1 tab. (December) [general]
- 1978a. L'exosquelette thoracique ches les Hesperiiidae. *Deutsche entomologische Zeitschrift* (N.F.) 25(1/3): 205-210, 9 figs. (1 June) [general]
- 1978b. Recherches morphologiques et systématiques sur les Papilioninae (Lepidoptera-Papilionidae). *Shilap* 6(22): 97-111, 19 figs. (10 July) [general]
- 1978c. Recherches morphologiques et systématiques sur les Papilioninae (Lepidoptera-Papilionidae) (II). *Shilap* 6(23): 179-193, figs. 20-27 (10 October) [general]
- 1978d. Recherches de morphologie taxonomique dans l'ordre Lepidoptera. *Bulletin de la Société entomologique de Mulhouse* 34(7/9): 35-40, 4 pls. (20 November) [general]
- 1978e. Recherches de morphologie taxonomique dans la famille des Nymphalidae. *Bulletin de la Société des Lépidoptéristes français* 2(3): 99-105, 54 figs., 1 tab. (7 December) [general]
- 1978f. Variatia interspecifica a pronotului la speciile genului *Papilio* (Lepidoptera). *Studii si cercetari de Biologie (Biologia animala)* 30(1): 21-24, 32 figs. [general]
- 1979a. Contributions morphologiques et taxonomiques a l'étude du genre *Vanessa* (sensu lato) (Lepidoptera-Nymphalidae). *Revue verviétoise d'Histoire naturelle* 36(1/3): 2-6 (January-March) [new subgenus: *Fieldia*]
- 1979b. *Motasiona* - Un nouveau genre de Papilionini (Lepidoptera. Papilionidae). *Revue roumaine de Biologie (Biologie animale)* 24(1): 9-13, 6 figs. (January-June) [*Papilio zagreus* Doubleday]
- 1980a. Le graphisme, l'armure génitale et le problème de l'espèce dans le genre *Eurytides* Hbn. (Lepidoptera, Papilionidae). *Shilap* 8(29): 7-10, 2 pls. (10 April) [general]
- 1980b. La spéciation dans le genre *Eurytides* (Lepidoptera, Papilionidae). *Dusenja* (Curitiba) 12(1): 25-28, 5 figs. (15 October) [general; Neotropics]
- 1980c. Problèmes de systématique dans la famille des Satyridae. *Nouvelle Revue d'Entomologie* 10(3): 301-311, 5 pls. (30 October) [Brassolinae; morphology]
- 1981a. Sur la position taxonomique des Brassolinae. *Revue verviétoise d'Histoire naturelle* 38(1/3): 2-11, 11 figs. (15 March) [general]
- 1981b. Nervatiunea si taxonomia in familia Papilionidae. *Studii si cercetari de Biologie (Biologia animala)* 33(1): 13-18, 4 figs. [also in French version, *Bulletin de la Société entomologique de Mulhouse* 38(4/6): 27-30, 3 pls. (6 May 1982)] [general]
- 1981c. Le problème de l'espèce dans la famille des Lycaenidae (Lepidoptera). *Shilap* 9(34): 103-108 (10 July), (35): 181-186, 7 pls. (10 October) [general]
- 1982a. La spéciation dans le genre *Eurytides* (Lepidoptera - Papilionidae). *Shilap* 10(37): 13-15, 5 figs. (10 April) [general]
- 1982b. Le concept de l'espèce dans la vision de certains biologistes contemporains. *Bulletin de la Société Sciences Nat* 32: 3-10 (25 May) [general]
- 1983a. L'armature génitale et le problème de la spéciation chez les lépidoptères. *Revue verviétoise d'Histoire naturelle* 40(1/3): 13-16 (January-March) [general]
- 1983b. Liste commentée des lépidoptères diurnes européens (Aparasternia) (I). I. Pieridae et Papilionidae. *Shilap* 11(41): 7-17 (9 April) [general; Neotropics]
- 1984a. Le statut taxonomique des formes allopatriques. *Shilap* 11(44): 271-274 (10 January) [general]
- 1984b. Les bases théoriques de notre classification des lépidoptères. *Bulletin de la Société entomologique de Mulhouse* 40(1/3): 11-15 (29 February) [general]
- 1984c. Le concept de l'espèce en Zoologie. *Shilap* 12(45): 7-11 (10 April) [general]
- 1984d. Matériaux pour la définition de l'espèce. *Revue roumaine de Biologie (Biologie animale)* 29(1): 9-14, 2 pls. (January-June) [*Papilio* spp.; male genitalia; morphology]
- 1984e. Nouvelles valences taxonomiques et phylogénétiques dans la morphologie des lépidoptères. *Travaux du Muséum d'Histoire naturelle "Grigore Antipa"* 25: 241-247. [general; classification]
- 1984f. Recherches sur le statut taxonomique des Riodinidae (Lepidoptera-Aparasternia). *Revue verviétoise d'Histoire naturelle* 41(3): 34-37. [general]
1985. Evolutia exoscheletului la Aparasternia (Lepidoptera), o interesanta problema de biologie. *Studii si cercetari de Biologie (Biologia animala)* 37(1): 3-5. [general]
- 1986a. Problèmes de morphologie et de systématique dans la famille des Pieridae (Lepidoptera) (I parte). *Shilap* 13(52): 243-245 (10 January) [general]
- 1986b. Familia Nymphalidae (Lep.). Phylogénie et classification. *Bulletin de la Société entomologique de Mulhouse* 42(1/3): 1-5 (January-March) [general]
- 1986c. Problèmes de morphologie et de systématique dans la famille des Pieridae (Lepidoptera) (II parte). *Shilap* 14(53): 33-42, 4 figs. (30 March) [general]
- 1986d. Problèmes de morphologie et de systématique dans la famille des Pieridae (Lepidoptera) (III parte). *Shilap* 14(54): 9-16, pls. 5-10 (30 June) [general]
- 1986e. Problèmes de morphologie et de systématique dans la famille des Pieridae (Lepidoptera) (IV parte). *Shilap* 14(55): 9-26, pls. 11-14, tabs. (30 September) [general]
- 1986f. L'armature génitale mâle des Papilionidae (Lepidoptera-Aparasternia). I. Papilionini. *Bulletin du Cercle des Lépidoptéristes de Belgique* 15(4): 46-59, 51 figs. [general]
- 1989a. Sur les caractères morphologiques utilisés dans la taxonomie et la classification des lépidoptères. *Shilap* 17(65): 95-108, 80 figs. (30 March) [general]
- 1989b. Erreurs à rectifier dans la taxonomie et la classification de l'ordre des Lépidoptères (Lepidoptera). *Deutsche entomologische Zeitschrift* (N.F.) 36(4/5): 335-345, 23 figs. (15 November) [general; morphology]
- 1989c. La définition des taxons, opération indispensable à la systématique des lépidoptères. *Shilap* 17(68): 395-419, 118 figs., 2 tabs. (30 December) [general; morphology]
- 1989d. L'armature génitale mâle des Papilionidae (Lepidoptera-Aparasternia). *Bulletin. Cercle des Lépidoptéristes de Belgique* 18(1/2): 10-26, 35 figs. [*Eurytides*]
1991. Le genre *Graphium* Scopoli, 1777 morphologie, taxonomie et classification (Lepidoptera: Papilionidae).



*Shilap* 19(73): 9-29, 83 figs. (30 March) [*Eurytides telesilaus* (Felder), *Papilio andraemon* (Hübner)]

**Nie, Lan**

- 2019a. See Xu, C. et al., 2019.  
2019b. See Pan, Z.-Q. et al., 2019.

**Niel, Luis Leonardo** [ -2005]

1950. Ensayos realizados en el control de orugas varias de la alfalfa. *Memoria de la Reunión de Plantas forrajeras. Estación experimental Rafaela* (Pergamino, Argentina) 3: 27-31. [*Colias lesbia* (Fabricius); Argentina]

**Nielsen, Dahlia M.**

2010. See Counterman, B. A. et al., 2010.  
2013. See Supple, M. A. et al., 2013.

**Nielsen, Ebbe Schmidt** [1950-2001]

1980. Entomology, pp. 9-13. In: Madsen, H. B., E. S. Nielsen & S. Ødum (Eds.), The Danish Expedition to Patagonia and Tierra del Fuego 1978-1979. *Geografisk Tidsskrift* 80: 1-28, 29 figs., 2 tabs. (June) [general; Argentina; Chile]  
1998. See Holloway, J. D. & E. S. Nielsen, 1998.

**Nielsen, Erik Tetens** [1903-1992]

1961. On the habits of the migratory butterfly *Ascia monuste* L. *Biologiske Meddelelser udgivet af det kongelige danske Videnskabernes Selskab* 23(11): 1-81, 30 figs., 5 tabs. [behavior; Argentina]  
1964. *Insekter pa Rejse*. Copenhagen, Rhodos. 119 pp., 9 figs. [German Ed., 1967] [*Ascia monuste* (Linnaeus), *Danaus plexippus* (Linnaeus); migrations; Neotropics]

**Nielsen, Gregory J.**

- [2017]. *Anteros aurigans* Gallard & Brevignon, 1989 (Lepidoptera: Riodinidae), nuevo registro para la fauna colombiana. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 20(2): 277-278, 2 figs. ("December 2016", [11 July 2017]; published online before 24 January 2017)  
[2018]. See Salazar, J. A. et al., [2018].

**Nielsen, Gregory J., and Lucas Augusto Kaminski**

2018. Immature stages of the Rubiaceae-feeding metalmark butterflies (Lepidoptera: Riodinidae), and a new function for the tentacle nectary organs. *Zootaxa* 4524(1): 1-32, 135 figs., 1 tab. (20 November) [general; eggs, larvae, pupae, imago; host plants; parasitoids; Central and South America]

**Nielsen, Gregory J., and Julián Adolfo Salazar**

- [2015]. On the presence of certain rare species of Riodinidae (Lepidoptera: Papilionoidea) in a forest fragment on the eastern slope of the Colombian Cordillera Oriental and a new regional list. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(2): 203-226, 3 pls., 8 figs. ("December 2014", [8 October 2015]) [general]

**Nielsen, Gregory J., Julián Adolfo Salazar and José Ignacio Vargas**

2001. Reconocimiento de Rhopalocera en algunas taxocenosis de lepidópteros chocuanos y amazónicos. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 5: 93-110, 6 figs. (January) [new species: *Adelpha palmarensis*; Colombia]

**Nielsen, Per Stadel**

2013. See Karsholt, O. & P. S. Nielsen, 2013.

**Nielsen, Vanessa, Priscilla Hurtado, Daniel Hunt Janzen, Giselle Tamayo and Ana Sittenfeld**

2004. Recolecta de artrópodos para prospección de la biodiversidad en el Area de Conservación Guanacaste, Costa Rica. *Revista de Biología tropical* 52(1): 119-132, 1 fig., 1 tab. ("March", November) [general; host plants]

**Nielsen, Vanessa, and Julian Monge-Nájera**

1991. A comparison of four methods to evaluate butterfly abundance, using a tropical community. *Journal of the*

*Lepidopterists' Society* 45(3): 241-243, 4 tabs. (5 December) [general; Costa Rica]

**Niemeyer, Hermann M.** [1946- ]

2006. See Valdivia, C. E. & H. M. Niemeyer, 2006.  
2007. See Valdivia, C. E. & H. M. Niemeyer, 2007.  
2009a. See Pinto, C. F. et al., 2009a.  
2009b. See Pinto, C. F. et al., 2009b.  
2011. See Pinto, C. F. et al., 2011.

**Niemeyer, Hermann M., Ramiro O. Bustamante, Javier A. Simonetti, Sebastián Teillier, Eduardo Fuentes-Contreras and Jorge E. Mella**

2002. *Historia natural de la Reserva Nacional Río Clarillo: Un espacio para aprender ecología*. Santiago de Chile, Impresos Socías. 313 pp., figs., tabs. [general; Chile]

**Niepelt, Friedrich Wilhelm** [1862-1936]

1907. Zwei neue Lokaformen der Gattung *Heliconius* Latr. *Societas entomologica* 22(6): 42 (15 June) [*H. batesi plesseni* form *rubicunda*, *H. b. p.* form *pura*; Ecuador]  
1908a. *Papilio xynias* Hew. ♀. *Societas entomologica* 23(2): 12-13, 1 fig. (15 April) [new species: *P. xisuthrus*; Ecuador]  
1908b. Neue Formen der Gattung *Heliconius* (Lep.). *Deutsche entomologische Zeitschrift* 1908(4): 505-506 (1 July) [*H. melpomene aglaope* form *isolda*, *H. m. a.* form *rubripicta*, *H. m. a.* form *adonides*, *H. m. a.* form *gisela*, *H. erato estrella* form *ilia*, *H. e. e.* form *feyeri*; Ecuador]  
1908c. Neue südamerikanische Papilionen. *Berliner entomologische Zeitschrift* 52(4): 208-210, 2 figs. (late August) [*Papilio bachus belsazar*, *P. xynias xisuthrus* Niepelt; Ecuador]  
1908d. Seltene und bisher unbekannte ♀♀ südamerikanischer Papilionen. *Berliner entomologische Zeitschrift* 52(4): 210-212, fig. 3 (late August) [*Papilio* spp.; *P. harmodius xeniades* female form *jarbas*; Panama, Ecuador]  
1908e. Zwei neue Formen der Gattung *Heliconius*. *Berliner entomologische Zeitschrift* 52(4): 213-214 (late August) [*H. batesi plesseni* form *corona* *H. b. p.* form *diadema*; Ecuador]  
1909a. Neue südamerikanische Papilionen. *Berliner entomologische Zeitschrift* 54(1/2): 103-105, 1 fig. (early August) [*Papilio neyi*, *P. euryleon anatmus* form *punctata*; Ecuador]  
1909b. Neue *Heliconius*-Formen. *Berliner entomologische Zeitschrift* 54(1/4): 106-107 (early August) [*H. melpomene aglaope* form *fraterna*, *H. m. a.* form *gratiosa*, *H. erato estrella* form *rothschildi*; Ecuador]  
1910. Zwei neue *Agrias*-Formen. *Internationale entomologische Zeitschrift* 4(34): 188 (19 November) [general; *A. godmani* form *semirubra*, *A. g.* form *phoenix*; Brazil]  
1911a. *Agrias phoenix* Niep. und *Agrias croesus* Staudgr., *Agrias semirubra* Niep. *Deutsche entomologische Zeitschrift "Iris"* 25(2): i-iv (1 February) [general; South America]  
1911b. Neue exotische Lepidopteren. Eine neue *Morpho*-Form. Eine neue *Brassolidae*. Eine neue *Kallima*. *Deutsche entomologische Zeitschrift "Iris"* 25(10/11): 122-124 (1 November) [general; *M. sulkowskyi* form *sirene*, *Catoblepia rivalis*; Ecuador]  
1913a. *Morpho aurora* Westw. ♀. *Internationale entomologische Zeitschrift* 7(15): 97-98 (12 July) [Bolivia]  
1913b. Ergänzung zu dem Artikel "*Morpho aurora* Westw. ♀. *Internationale entomologische Zeitschrift* 7(17): 115 (26 July) [Bolivia]  
1913c. Neue südamerikanische Tagfalter. *Internationale entomologische Zeitschrift* 7(8): 121 (2 August) [general; *Morpho aurora* female form *splendoris*, *Agrias sardanapalus* form *decyanea*; Bolivia, Peru]  
1913d. Eine neue *Agrias*-Form. *Internationale entomologische*

- Zeitschrift* 7(30): 201 (25 October) [general; *A. amydon* form *aristoxenus*; Peru]
- 1913e. Neue Tagfalter von Peru. *Internationale entomologische Zeitschrift* 7(32): 211 (8 November) [*Papilio trapeza* form *trapezoides*, *Prepona praeneste* form *confusa*]
- 1914a. [Notes]. In: Strand, E., *Lepidoptera Niepeltiana*. Leipzig, Urban & Co. 64 + [1] pp., pls. 1-12 ([May]) [general; new taxa: *Dismorphia lycosura ecuadorensis*, *Pereute swainsoni* female form *albosignata*; Central and South America]
- 1914b. Neue Formen paläarktischer Rhopalocera.- Eine neue pal. Gometriden-Form.- Eine neue südamerikanische *Catopsilia*. *Internationale entomologische Zeitschrift* 8(26): 144 (7 November) [*C. rurina* female aberration *impurpurissata*; Ecuador]
- 1915a. Neue Formen exotischer Tagfalter. *Internationale entomologische Zeitschrift* 9(11): 58 (28 August) [*Colaenis tithraustes* variety *diaphana*; Peru]
- 1915b. Neue Formen südamerikanischer Tagfalter. *Societas entomologica* 30(11): 63 (15 October) [*Hirsutus* (sic) *pinthias macasica*, *Dismenitis zygia* female variety *caesiopicta*; Ecuador, Costa Rica]
- 1915c. Neue südamerikanische *Papilio*-formen. *Internationale entomologische Zeitschrift* 9(13): 70 (25 October) [*P. belus* form *chrysomaculatus*, *P. lycidas* form *adlatus*; Ecuador]
1916. [Notes]. In: Strand, E., *Lepidoptera Niepeltiana*. 2. Teil. Zirlau, W. Niepelt. [6] + 26 pp., pls. 13-17 (December) [general; new taxa: *Amphirene superba* aberration *azurita*, *Heliconius cydno* aberration *larseni*, *Dismenitis zygia* female variety *caesiopicta*, *Papilio bitias* variety *marcus*, *P. lycophron* aberration *delunensis*, *P. belus* form *chrysomaculatus*, *P. lycidas* form *adlatus*; Central and South America]
1918. [Notes]. In: Strand, E., *Nachträge zu Lepidoptera Niepeltiana*. Freiburg, H. Heiber. 4 pp., pl. 18 (September) [new species *Callicore wernickei*; Colombia]
- 1920a. Neue Formen exotischer Rhopaloceren. *Internationale entomologische Zeitschrift* 14(3): 17-18 (8 May) [general; *Catopsilia philea* female variety *obsoleta*, *Catagramma eunomia* variety *hyponigra*; Costa Rica, Ecuador, Peru]
- 1920b. Wenig bekannte exotische Tagfalter. *Internationale entomologische Zeitschrift* 14(3): 18-19 (8 May) [general; *Eunica mira* female form *costaricensis*; Ecuador, Costa Rica]
1921. Eine neue *Heliconius*-form v. Guatemala. *Internationale entomologische Zeitschrift* 15(3): 19 (30 April) [*H. anderida* form *styx*]
1922. Zwei neue Formen südamerikanischer Tagfalter. *Internationale entomologische Zeitschrift* 16(8): 67-68 (8 July) [*Haetera hypaesia* form *strandii*, *Dynastor napoleon* form *maculatus*; Colombia, Brazil]
- 1923a. Neue Formen exotischer Rhopaloceren. *Internationale entomologische Zeitschrift* 17(12): 96 (24 September) [*Heliconius hierax* form *semibrunnea*; Ecuador]
- 1923b. Neue Formen paläarktischer und exotischer Lepidopteren. *Internationale entomologische Zeitschrift* 17(17): 133-134 (15 December) [general; *Protogonius hippona* form *superba*, *Morpho sulkowskyi* form *hoppiana*; Colombia]
- 1924a. Neue u. wenig bekannte exotische Rhopaloceren. *Internationale entomologische Zeitschrift* 17(18): 137 (3 January) [*Pierella incanescens* form *pacifica*; Colombia]
- 1924b. Neue Formen exotischer Rhopaloceren. *Internationale entomologische Zeitschrift* 18(8): 49-50 (1 June) [general; *Papilio androgeos* female form *feyeri*; Ecuador, Colombia]
- 1924c. Neue Nymphaliden von Columbien. *Internationale entomologische Zeitschrift* 18(31): 189 (22 November) [general; *Anaea gudrun*]
- 1925a. Eine neue *Heliconius*-Form von Bolivien. *Internationale entomologische Zeitschrift* 18(41): 252 (8 February) [*H. phyllis* form *flammea*]
- 1925b. Eine neue Nymphalidae von Columbien. *Entomologische Rundschau* 42(2): 7 (15 February) [*Anaea rosae krugeri*]
- 1926a. Eine neue *Heliconius*-Form von Bolivien. *Internationale entomologische Zeitschrift* 19(43): 337 (15 February) [general; *H. penelope* form *biedermanni*]
- 1926b. Neue und wenig bekannte südamerikanische Tagfalter. *Internationale entomologische Zeitschrift* 19(45): 352-354 (1 March) [general; *Catagramma oculata* male variety *gehleni*, *Dynamine michaeli*, *D. zerlina*, *Anaea exellens* aberration *albidiscalis*; Bolivia, Brazil, Peru, Guatemala]
- 1926c. Wenig Bekanntes über columbische Morphiden. *Internationale entomologische Zeitschrift* 20(10): 83-84, 1 fig. (8 June) [general]
- 1926d. Nachtrag und Berichtigung zu: Neue und wenig bekannte südamerikanische Tagfalter. *Internationale entomologische Zeitschrift* 20(17): 137-138, 1 fig. (1 August) [general; Mexico, Guatemala]
- 1926e. Tafelerklärung. Neue exotische Rhopalocera. *Internationale entomologische Zeitschrift* 20(19): 157-158, 1 pl. (15 August) [general]
- 1926f. Neue *Morpho*-Formen von Columbien. *Internationale entomologische Zeitschrift* 20(36): 329 (22 December) [general; *M. hecuba* form *viridifasciata*, *M. h.* form *fumosa*, *M. h.* form *albifasciata*]
- 1927a. Neue exotische Rhopaloceren. *Internationale entomologische Zeitschrift* 21(7): 49-53, 1 pl. (15 May) [general; *Papilio erlaces krugeri*, *P. lenaeus* female form *heteromorpha*, *Lycorea halia domingensis*, *Pierella incanescens costaricana*, *Theorema chiriquensis*; Colombia, Bolivia, República Dominicana, Costa Rica, Panama]
- 1927b. Neue exotische Rhopaloceren. *Internationale entomologische Zeitschrift* 21(23): 180-182, 1 pl., 1 fig. (15 September) [general; *Papilio lenaeus* female form *recidivus*, *P. l.* female form *atavus*, *Anaea panariste pandrosa*; Bolivia, Colombia]
- 1927c. Neue Rassen von *Morpho theseus* Deyr. *Internationale entomologische Zeitschrift* 21(29): 252-253, 1 pl. (1 November) [general; *M. t. staudingeri*, *M. t. heraldica*; Colombia, Panama, Costa Rica]
- 1928a. Neue Tagfalter aus Columbien. *Internationale entomologische Zeitschrift* 21(41): 390 (1 February) [*Papilio gayi illuminatus*, *Anaeomorpha (Prepona) splendida columbiana*]
- 1928b. Eine neue *Heliconius*-Form von Columbien. *Internationale entomologische Zeitschrift* 22(5): 56 (1 May) [*H. cydno chioneus* form *eugenius*]
- 1928c. Eine Neue *Morpho*-Form von Columbien. *Entomologische Zeitschrift* 42(11): 143, 1 pl. (8 September) [*M. granadensis* form *siphra*]
- 1928d. Neue *Heliconius*-Form von Columbien. *Internationale entomologische Zeitschrift* 22(33): 305-306, 2 figs. (1 December) [general; *H. aglaope* form *paulina*, *H. a.* form *carminata*, *H. dignus* form *elvira*]
- 1928e. Neue exotische Rhopaloceren. *Entomologische Zeitschrift* 42(17): 217-218, 1 pl. (8 December) [*Athesis acrisione deflavata*, *Catagramma cynosura* form *fournierae*; Colombia]
1931. Neue Formen exotischer Lepidopteren. *Internationale entomologische Zeitschrift* 24(46): 485-486, 1 pl. (8 March) [*Morpho helena* aberration *inka*; Peru]
1933. Eine neue *Morpho*-Form. *Internationale entomologische Zeitschrift* 27(23): 252 (15 September) [*M. iphiclus* form

- martini*; Peru]
1934. Neue exotische Falter. *Internationale entomologische Zeitschrift* 28(6): 53-56, 2 figs. (8 May) [general; *Caligo zeuxippus obscurus*, *C. memnon modestus*, *Morpho didius* form *hypanophtalma*, *M. d.* form *flavolimbata*; Peru, Colombia, Surinam]
- 1935a. Eine neue *Tanaecia* von Sumatra. Wenig bekannte exotische Tagfalter. *Internationale entomologische Zeitschrift* 29(2): 13-15, 6 figs. (8 April) [*Heliconius sara theudela*; Colombia]
- 1935b. Neue Formen der Gattung *Catagramma* Bsd. *Internationale entomologische Zeitschrift* 29(26): 301-302, 2 figs. (8 October) [*C. kolyma* form *subobscura*, *C. eunomia* form *hades*, *C. cynosura* form *larseni*; Brazil, Peru, Bolivia]
- Nieremberg, Johann Eusebius** [1595-1658]
1635. *Historia natvrae, maxime peregrinae, libris XVI. distincta. In quibus rarissima Naturae arcana, etiam astronomica, & ignota Indiarum animalia, quadrupedes, aues, pisces, reptilia, insecta, zoophyta, plantae, metalla, lapides, & alia mineralis, fluuiorumque & elementorum conditiones, etiam cum proprietaribus medicinalibus, describuntur; nouae & curiosissimae quaestiones disputantur, ac plura sacrae Scripturae loca erudite enodantur. Accedunt de miris & miraculosis Naturis in Europa Libri duo: item de iisdem in Terra Hebraeis promissa Liber vnus.* Antverpiae, Balthasar Moreti. [8] + 502 + [104] pp., figs. [Mexico]
- Nieuwerkerken, Erik J. van, Lauri Kaila, Ian James Kitching, Niels Peder Kristensen, David C. Lees, Joël Minet, Charles Mitter, Marko Mutanen, Jerome C. Regier, Thomas Johannes Simonsen, Niklas Wahlberg, Shen-Horn Yen, Reza Zahiri, David Adamski, Joaquin Baixeras, Daniel Bartsch, Bengt Å. Bengtsson, John Wesley Brown, Sibyl Rae Bucheli, Donald R. Davis, Jurate De Prins, Willy De Prins, Marc E. Epstein, Patricia Gentili-Poole, Cees Gielis, Peter Hättenschwiler, Axel Hausmann, Jeremy Daniel Holloway, Axel Kallies, Ole Karsholt, Akito Yuji Kawahara, Sjaak Koster, Mikhail Vasilievich Kozlov, J. Donald Lafontaine, Gerardo Lamas, Jean-François Landry, Sangmi Lee, Matthias Nuss, Kyu-Tek Park, Carla Maria Penz, Jadranka Rota, Alexander Schintlmeister, B. Christian Schmidt, Jae-Cheon Sohn, María Alma Solís, Gerhard M. Tarmann, Andrew David Warren, Susan J. Weller, Roman Viktorovich Yakovlev, Vadim Viktorovich Zolotuhin and Andreas Zwick**
2011. Order Lepidoptera Linnaeus, 1758, pp. 212-221. In: Zhang, Z.-Q. (Ed.), Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. *Zootaxa* 3148: 1-237 (23 December) [general]
- Nieto-Sotelo, Jorge**
2017. See García-Mendoza, A. J. et al., 2017.
- Nieves, José Luis**
1997. See Viejo, J. L. et al., 1997.
2004. See Viejo, J. L. et al., 2004.
- Nieves, Sandra**
2018. See Llorente, J. E. et al., 2018.
2019. See Llorente, J. E. et al., 2019.
- Nieves, Sandra, Diana Jimena Castro, Adrián Flores and Jorge Enrique Llorente**
- 2016a. Corion en los géneros *Anteos* y *Rhabdodryas*: Su significado e implicaciones. *Southwestern Entomologist* 41(2): 485-504, 6 figs., 2 tabs. (June) [general; morphology; Mexico, Colombia]
- 2016c. Microrretícula coriónica en los géneros *Nathalis* Boisduval y *Kricogonia* Reakirt: Implicaciones taxonómicas y tendencias evolutivas. *Southwestern Entomologist* 41(3): 715-733, 6 figs., 2 tabs. (September) [general: morphology; Mexico, Colombia, Brazil]
- 2016d. Estudio del corion de tres especies del género *Colias* Fabricius, 1807 y *Zerene cesonia cesonia* (Stoll, 1790). *Southwestern Entomologist* 41(4): 1121-1141, 6 figs., 2 tabs. (December) [morphology; Mexico, Colombia, Ecuador]
- Nieves, Sandra, Adrián Flores, Blanca Claudia Hernández and Jorge Enrique Llorente**
2015. Exploración morfológica del corion en Biblidinae (Lepidoptera: Nymphalidae): Aspectos filogenéticos y clasificatorios. *Southwestern Entomologist* 40(3): 589-648, 21 pls., 2 tabs. (September) [general]
- Nieves, Sandra, Adrián Flores and Jorge Enrique Llorente**
- 2016b. Morfología coriónica de once especies de Biblidinae de México y Colombia: Un examen de predicciones. *Southwestern Entomologist* 41(2): 505-532, 10 figs., 1 tab. (June) [general]
- 2017a. Corion de *Ectima thecla thecla* (Fabricius, 1796) y su comparación con el género *Hamadryas*. *Southwestern Entomologist* 42(3): 851-864, 2 figs., 1 tab. (September) [general]
- 2017b. Corion de *Orophila cardases campaspe* (Hewitson, 1869) y caracterización coriónica de la subtribu Callicorina. *Southwestern Entomologist* 42(3): 865-877, 2 figs., 1 tab. (September) [general]
- 2018a. Corion de *Leucidia brephos* (Hübner, [1809]), comparaciones con otros géneros de Coliadinae y tendencias reticulares. *Southwestern Entomologist* 43(1): 239-255, 7 figs., 1 tab. (March) [general]
- 2018b. Estructura exocoriónica en tres especies de *Colias* Fabricius, 1807. *Southwestern Entomologist* 43(2): 485-503, 5 pls., 2 tabs. (June) [*C. lesbia mineira* Zikán; Brazil]
- Nieves, Sandra, Adrián Flores, Jorge Enrique Llorente, Moisés Armando Luis and María del Carmen Pozo**
- 2019a. Use of exochorion characters for the systematics of *Hamadryas* Hübner and *Ectima* Doubleday (Nymphalidae: Biblidinae: Ageroniini). *Zootaxa* 4619(1): 77-108, 14 figs., 3 tabs. (18 June) [general; Mexico, Colombia]
- Nieves, Sandra, María del Carmen Pozo, Marysol Trujano and Jorge Enrique Llorente**
- 2019b. Descripción exocoriónica de *Detritivora barnesi* con algunas comparaciones. *Southwestern Entomologist* 44(4): 919-934, 3 figs., 1 tab. (December) [morphology; Mexico]
- Nihei, Silvio Shigueo**
2009. See Marcicano, M. D. L. et al., 2009.
- Niitepöld, Kristjan**
2014. See Zhan, S. et al., 2014.
- Nijhout, H. Frederik** [1947- ]
1978. Wing pattern formation in Lepidoptera: a model. *Journal of experimental Zoology* 206(2): 119-136, 27 figs., 1 tab. (November) [general]
1981. The colour patterns of butterflies and moths. *Scientific American* 245(5): 140-151, figs. (November) [general]
- 1985a. Independent development of homologous pattern elements in the wing patterns of butterflies. *Developmental Biology* 108(1): 146-151, 4 figs., 4 tabs. (March) [*Smyrna blomfieldia* (Fabricius); Costa Rica]
- 1985b. The developmental physiology of color patterns in Lepidoptera. *Advances in Insect Physiology* 18: 181-247, 25 figs. [general]
1986. Pattern and pattern diversity on lepidopteran wings. *Bio-Science* 36(8): 527-533, 9 figs. (September) [general]
1990. A comprehensive model for colour pattern formation in

- butterflies. *Proceedings of the royal Society of London* (B) 239(1294): 81-113, 2 pls., 16 figs., 2 tabs. (22 February) [general; Nymphalidae]
1991. *The development and evolution of butterfly wing patterns*. Washington, D.C., Smithsonian Institution Press. xvi + 297 pp., 8 pls., figs., tabs. [general]
1994. Developmental perspectives on evolution of butterfly mimicry. *BioScience* 44(3): 148-157, 6 figs., 1 tab. (March) [*Heliconius*; morphology]
- 2001a. Elements of butterfly wing patterns. *Journal of experimental Zoology* 291(3): 213-225, 9 figs. ([24 September]) [general]
- 2001b. *Origin of butterfly wing patterns*, pp. 511-529, 9 figs. In: Wagner, G. P. (Ed.), *The character concept in evolutionary biology*. San Diego, Academic Press. [*Heliconius*; morphology]
2003. Coloration: Patterns and morphogenesis, pp. 23-38, 11 figs., 1 tab. In: Kristensen, N. P. (Ed.), *Lepidoptera, moths and butterflies*. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]
2011. See Reed, R. D. et al., 2011.
2012. See Hines, H. M. et al., 2012.
2013. See Papa, R. et al., 2013.
- Nijhout, H. Frederik, and Gregory Allan Wray**
1988. Homologies in the colour patterns of the genus *Heliconius* (Lepidoptera, Nymphalidae). *Biological Journal of the Linnean Society* 33(4): 345-365, 13 figs., 3 tabs. ([12 April]) [general]
- Nijhout, H. Frederik, Gregory Allan Wray and Lawrence Edmund Gilbert**
1990. An analysis of the phenotypic effects of certain colour pattern genes in *Heliconius* (Lepidoptera: Nymphalidae). *Biological Journal of the Linnean Society* 40(4): 357-372, 8 figs., 1 tab. ([30 August]) [general]
- Nilsson, Tina**
2000. See Arnqvist, G. et al., 2000.
- Nininger, Harvey Harlow** [1887-1986]
1930. Brief note on Mexican insects. *Journal of the Kansas entomological Society* 3(1): 28 (3 January) [*Libythea carinenta* (Cramer)]
- Niño-Maldonado, Santiago**
2011. See Sánchez-Reyes, U. J. et al., 2011
2013. See Gálvez, E. A. et al., 2013.
2014. See Meléndez-Jaramillo, E. et al., 2014.
- Niño-Maldonado, Santiago, Eva Ivette de León, Juana María Coronado-Blanco, Jacinto Treviño, Uriel Jeshúa Sánchez-Reyes and Erick Adrián Gálvez**
2012. *Mariposas diurnas Nymphalidae (Lepidoptera) del matorral espinoso tamaulipeco del Cañón de la Peregrina, Ciudad Victoria, Tamaulipas, México*, pp. 114-128, 3 figs., 4 tabs., 1 graph. In: Ruiz, E. & J. M. Coronado-Blanco (Eds.), *Recursos naturales*. Ciudad Victoria, Universidad Autónoma de Tamaulipas (31 October) [general]
- Nishi, Akihiko**
1982. See Komae, H. et al., 1982.
- Nishida, Gordon M.** [1943- ]
1994. Hawaiian Terrestrial Arthropod Checklist. Second edition. *Bishop Museum technical Report* 4: iv + 287 pp. [Ed. 1, 1992] [general; introduced species]
- Nishida, Kenji**
2002. See Chacón, I. A. & K. Nishida, 2002.
2004. See Murillo, L. R. & K. Nishida, 2004.
2007. See Braby, M. F. & K. Nishida, 2007.
- 2010a. Description of the immature stages and life history of *Euselasia* (Lepidoptera: Riodinidae) on *Miconia* (Melastomataceae) in Costa Rica. *Zootaxa* 2466: 1-74, 227 figs., 1 tab. (14 May) [eggs, larvae, pupae, imagos; host plants; behavior]
- 2010b. See Braby, M. F. & K. Nishida, 2010.
- 2010c. See Hanson, P. E. et al., 2010.
2011. See Braby, M. F. & K. Nishida, 2011.
- Nishida, Kenji, Ichiro Nakamura and Carlos O. Morales**
2009. Plants and butterflies of a small urban preserve in the Central Valley of Costa Rica. *Revista de Biología tropical* 57(Supplement 1): 31-67, 39 figs., 2 tabs. (November) [general]
- Nishida, Ritsuo**
1998. See Schulz, S. et al., 1998.
2002. Sequestration of defensive substances from plants by Lepidoptera. *Annual Review of Entomology* 47: 57-92, 2 figs. (January) [general]
- Nishiyama, Tomoaki**
2010. See Ohshima, I. et al., 2010.
- Nitao, James K.**
1992. See Lederhouse, R. C. et al., 1992.
1995. *Evolutionary stability of swallowtail adaptations to plant toxins*, pp. 39-52, 7 figs., 2 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [Mexico]
- Niu, Shichao, Bo Li, Zhengzhi Mu, Meng Yang, Junqiu Zhang, Zhiwu Han and Luquan Ren**
2015. Excellent structure-based multifunction of *Morpho* butterfly wings: A review. *Journal of Bionic Engineering* 12(2): 170-189, 13 figs. (April) [general; morphology]
- Niu, Shichao, Bo Li, Junfeng Ye, Zhengzhi Mu, Junqiu Zhang, Yan Liu and Zhiwu Han**
2016. Angle-dependent discoloration structures in wing scales of *Morpho menelaus* butterfly. *Science China. Technological Sciences* 59(5): 749-755, 6 figs. (May; published online 18 January) [morphology]
- Noble, Jason**
- 2003a. See Franks, D. W. & J. Noble, 2003a.
- 2003b. See Franks, D. W. & J. Noble, 2003b.
- Nobre, Carlos Eduardo Beserra**
2011. See Paluch, M. et al., 2011.
- 2014a. See Callaghan, C. J. & C. E. B. Nobre, 2014.
- 2014b. See Kerpel, S. M. et al., 2014a.
- Nobre, Carlos Eduardo Beserra, Luciana Iannuzzi and Clemens Peter Schlindwein**
2012. Seasonality of fruit-feeding butterflies (Lepidoptera, Nymphalidae) in a Brazilian semiarid area. *ISRN Zoology* 2012(268159): 1-8, 5 figs., 3 tabs. [general]
- Nobre, Carlos Eduardo Beserra, and Robert Kanner Robbins**
2014. *Arawacus euptychia* (Lepidoptera: Lycaenidae: Eumaeini) is no longer an obscure species. *Journal of Research on the Lepidoptera* 47: 73-78, 4 figs., 1 tab. (31 December; published online 2 December) [distribution; Brazil]
- Nobre, Carlos Eduardo Beserra, and Clemens Peter Schlindwein**
2011. New records for species of *Theope* (Lepidoptera, Riodinidae) for the state of Pernambuco and northeastern Brazil, with notes on their natural history. *Revista brasileira de Entomologia* 55(2): 275-278, 2 figs., 1 tab. (30 June; published online 17 June) [behavior]
2012. New record of *Heraclides a. astyalus* (Godart) (Lepidoptera: Papilioninae: Papilionini) on the northern São Francisco river, Brazil. *Check List* 8(5): 927-928, 2 figs. (September)
- Nobre, Carlos Eduardo Beserra, Clemens Peter Schlindwein and Olaf Hermann Hendrik Mielke**

2008. The butterflies (Lepidoptera: Papilionoidea and Hesperioidea) of the Catimbau National Park, Pernambuco, Brazil. *Zootaxa* 1751: 35-45, 2 figs., 1 tab. (16 April) [general]
- Nöldner, Emil**  
1901. Zwei neue *Heliconius*. *Berliner entomologische Zeitschrift* 46(1):5-8 (mid June) [*H. elevatus*, *H. demeter* variety *bouqueti*; Brazil, French Guiana]
- Nogales, Manuel**  
2013. See Traveset, A. et al., 2013.
- Nogales, Sofia**  
2018. See Finkbeiner, S. D. et al., 2018.
- Nogami, Masao**  
1966a. [A note on the *Agrias* described by Seitz] [In Japanese]. *Yadoriga* 45/46: 1-2, pl. 1 (5 October) [*A. sardanapalus* Bates, *A. beata* Staudinger; Peru, Bolivia, Brazil]  
1966b. [Henry Walter Bates and Amazonian butterflies] [In Japanese]. *Yadoriga* 47/48: 1-6, 1 pl., 1 map (25 December) [general]
- Nogueira, Elisa Maria Lisboa, and Vera Lícia Vaz de Arruda**  
2006. Fenologia reprodutiva, polinização e sistema reprodutivo de *Sophora tomentosa* L. (Leguminosae – Papilionoideae) em restinga da praia de Joaquina, Florianópolis, sul do Brasil. *Biotemas* (Florianópolis) 19(2): 29-36, 1 fig., 2 tabs. (June) [*Panoquina panoquinoides eugeon* (Godman & Salvin)]
- Nogueira, Luciano, André Cirilo de Sousa Almeida, Marcello Mueller de Freitas, Zulene Antonio Ribeiro, Arlindo Leal Boiça Junior and Flavio Gonçalves de Jesus**  
2018. Attractiveness, non-preference for feeding and oviposition to *Ascia monuste orseis* Godart (Lepidoptera: Pieridae) in collard greens. *Arquivos do Instituto biológico* (São Paulo) 85(e0362017): 1-9, 5 figs., 3 tabs. (after 31 July) [host plants; Brazil]
- Nogueira, Luciano, Lígia Alves de Paiva, André Cirilo de Sousa Almeida, Zulene Antônio Ribeiro, Arlindo Leal Boiça Junior and Flávio Gonçalves de Jesus**  
2015. Antibiosis in *Ascia monuste orseis* Godart (Lepidoptera: Pieridae) caused by kale genotypes. *African Journal of Biotechnology* 14(41): 2876-2882, 2 figs., 2 tabs. (14 October) [host plant; Brazil]
- Nogueira, Manoel Dias, and Mohamed Ezz El-Din Mostafa Habib**  
2001. Biologia e controle microbiano de *Urbanus acawoios* (Williams, 1926) (Lepidoptera: Hesperioidea): II. Patologia e susceptibilidade em larvas infectadas por *Bacillus thuringiensis* var. *kurstaki* (H-3a:3b). *Acta amazonica* (Manaus) 31(4): 655-659, 1 fig., 1 tab. (October-December) [host plant; Brazil]  
2002. Biologia e controle microbiano de *Urbanus acawoios* (Williams, 1926) (Lepidoptera: Hesperioidea): I. Descrição morfológica e aspectos bio-ecológicos. *Acta amazonica* (Manaus) 32(1): 123-132, 6 figs., 3 tabs. (January-March) [life history; host plant; parasitoids; Brazil]
- Nogueira, Talita Araújo**  
2008. See Canuto, J. Z. et al., 2008.
- Noh, Heeso**  
2010. See Saranathan, V. et al., 2010.
- Nokelainen, Ossi**  
2018. See Rojas, B. et al., 2018.  
2019. See Arias, M. M. et al., 2019.
- Nolcken, Johann Heinrich Wilhelm von** [1813-1898]  
1871-72. Reisebriefe. *Stettiner entomologische Zeitung* 32(7/9): 258-267, 309-314 (early June 1871), (10/12): 371-380 (late September 1871); 33(4/6): 123-136 (mid April 1872) [general; St. Thomas, Jamaica, Colombia]
- Nomura, Hitoshi** [1933- ], and **Irene Yamashita**  
1976. Desenvolvimento do curuqueré-da-couve, *Ascia monuste monuste* (Linnaeus, 1764) (Lepidoptera, Pieridae), em laboratório. *Revista brasileira de Biologia* 35(4): 799-803, 3 figs., 3 tabs., 1 graph ("1975", 14 July 1976) [egg, larva, pupa, imago; Brazil]
- Nonaka, M.**  
2007. See Shinkawa, T. et al., 2007.
- Noonan, Gerald R.**  
1984. Type specimens in the insect collections of the Milwaukee Public Museum. *Contributions in Biology and Geology. Milwaukee public Museum* 58: 1-14 (1 October) [*Anaea rosae* Fassl, *Papilio erostratinus* Vázquez]
- Nores, Maria J., Hernán A. López, Paula J. Rudall, Ana M. Anton and Leonardo Galetto**  
2013. Four o'clock pollination biology: nectaries, nectar and flower visitors in Nyctaginaceae from southern South America. *Botanical Journal of the Linnean Society* 171(3): 551-567, 4 figs., 3 tabs. (1 March; published online 26 February) [*Chioides*; Argentina]
- Norman, Colin**  
1986. Mexico acts to protect overwintering monarchs. *Science* 233(4770): 1252-1253 (19 September) [*Danaus plexippus* (L.)]
- Norris, D. Ryan**  
2013a. See Hanley, D. et al., 2013.  
2013b. See Mouritsen, H. et al., 2013.  
2015. See Flockhart, D. T. T. et al., 2015.  
2017a. See Flockhart, D. T. T. et al., 2017a.  
2017b. See Flockhart, D. T. T. et al., 2017b.
- Norris, Kenneth Richard**  
1987. See Waterhouse, F. F. & K. R. Norris, 1987.
- Norris, Maud J.** [1907-1970]  
1936. The feeding habits of the adult Lepidoptera Heteroneura. *Transactions of the royal entomological Society of London* 85(2): 61-90 (31 March) [general]
- Norris, Wilfred E.**  
1955. Dawn adventure. Butterfly-hunting in French Guiana. *Chamber's Journal* 1955(7): 390-394 (July) [*Morpho* spp.]
- Norriss, Tim**  
2018. See Núñez, R. et al., 2018.
- Northfield, Tobin**  
2017. See Sambhu, H. et al., 2017.
- Nosil, Patrik**  
2012. See Feder, J. L. et al., 2012.  
2018. See Schilling, M. P. et al., 2018.
- Nossin, Emmanuel**  
2016. See Cachet, X. et al., 2016.
- Nosswitz, Federico** ["Fritz"] [?] -1939]  
1926a. El *Morpho argentinus* (Fursht) [sic]. *Revista de la Sociedad entomológica argentina* 1(1): 40-41 (30 June) [Argentina]  
1926b. Nota sobre el *Morpho argentinus* var. *minor*. *Revista de la Sociedad entomológica argentina* 1(2): 81, 1 fig. (31 December) [Argentina]  
1927a. Nota sobre el género *Papilio* en la República Argentina. *Revista de la Sociedad entomológica argentina* 1(3): 57-58 (30 April) [general]  
1927b. Biología de *Morpho argentinus* Fruhst. *Revista de la Sociedad entomológica argentina* 1(5): 13-15, 5 figs. (1 November) [Argentina]  
1930. Un *Morpho aega* ginandromorfo. *Revista de la Sociedad entomológica argentina* 3(3): 165-166, 1 fig. (31 December) [Argentina]
- Novaes, José de Campos**  
1920. Dois bellos parasitas das palmeiras. *Boletim de*

- Agricultura* (São Paulo) 21(1/3): 186-200, 6 figs. (March) [*Brassolis sophorae* (Linnaeus); larva; behavior; Brazil]
- Novelo, Eric, Moisés Armando Luis and Carlos Rafael Cordero**  
2019. False head complexity and evidence of predator attacks in male and female hairstreak butterflies (Lepidoptera: Theclinae: Eumaeni) from Mexico. *PeerJ* 7(e7143): 1-14, 3 figs., 3 tabs. (published online 25 June) [general]
- Novick, Peter A.**  
2013. See Lavoie, C. A. et al., 2013.
- Novo, Euclides da Silva** [1889-1970]  
1955-56. Identificação e combate de pragas. *Boletim fluminense de Agricultura* (Niterói) 4(46): 18-19, 36, 4 figs. (October 1955), (59): 32-33, 7 figs. (November 1956) [*Papilio thoas brazilensis* Rothschild & Jordan, *Thecla basilides* (Geyer); life histories; Brazil]
- Novoa, Nereida**  
2009. See Mestre, N. et al., 2009.
- Novotny, Vojtech**  
2011. See Basset, Y. et al., 2011.  
2013. See Basset, Y. et al., 2013.
- Nowacki, Mario José** [ -2007]  
1949. See Vellozo, L. G. de C. et al., 1949.  
1953. See Vellozo, L. G. de C. et al., 1953.
- Nowell, Reuben W.**  
2018. See Jay, P. et al., 2018.
- Noyes, John Stuart** [1949- ]  
1985. A review of the Neotropical species of *Ooencyrtus* Ashmead, 1900 (Hymenoptera: Encyrtidae). *Journal of natural History* 19(3): 533-554, 30 figs. ([3] June) [general; host plants; parasitoids; Neotropics]  
2010. See Guerrieri, E. et al., 2010.
- Nowaza, Masafumi, Yoshiyuki Suzuki and Masatoshi Nei**  
2010. Is positive selection responsible for the evolution of a duplicate UV-sensitive opsin gene in *Heliconius* butterflies? *Proceedings of the national Academy of Sciences of the United States of America* 107(23): E96 (8 June)
- Nunes, Gleisse Kelly Meneses**  
2010. See Santos, S. B. dos et al., 2010.
- Nunes-Gutjahr, Ana Lúcia**  
2007. See Barlow, B. J. et al., 2007a.
- Nunney, W. H.**  
1895. On scale evolution in the lepidopterous genus *Ithomia*. *Journal of the Quekett Microscopical Club* (2)6: 99-104, 2 figs [general; South America]
- Núñez, Carmelo Alejandro**  
2006. See Wehling, W. et al., 2006.
- Núñez, Elizabeth** [1949- ]  
1984. See Valdivieso, L. & E. Núñez, 1984.  
1994. Insectos del algarrobo (*Prosopis* spp.) en el Perú: Costa norte (Piura) y costa central (Ica). *Revista peruana de Entomología* 36: 69-83, 36 figs., 1 tab. ("11 August", 20 October) [general]  
2008. *Plagas de paltos y cítricos en Perú*, pp. 324-364, 2 figs., 1 tab. In: Ripa, R. & P. Larral (Eds.), *Manejo de plagas en paltos y cítricos*. Valparaíso, Instituto de Investigaciones Agropecuarias, INIA. [*Heraclides paeon* (Boisduval); host plants]
- Núñez, Ezequiel Osvaldo** [1973- ]  
2005. El frágil vuelo de la mariposa nacional. *Vida silvestre* (Buenos Aires) 93: 6-9, figs. (September) [*Morpho epistrophus argentinus* Fruhstorfer; larva; host plant; behavior; Argentina]  
2006. *Diversidad de mariposas diurnas (Lepidoptera – Rhopalocera) en los talaes bonaerenses*, pp. 180-183, 2 figs. In: Mérida, E. & J. Athor (Eds.), *Talaes bonaerenses y su conservación*. Buenos Aires, Fundación de Historia Natural "Félix de Azara". [general; Argentina]
2007. Biogeografía de los Rhopalocera de la isla Martín García, provincia de Buenos Aires, Argentina (Lepidoptera: Papilionoidea y Hesperioidea). *Shilap* 35(139): 289-309, 2 figs., 2 tabs. (30 September) [general]
- 2008a. Diversidad de mariposas diurnas en la Reserva Privada Yacutinga, Provincia de Misiones, Argentina (Lepidoptera: Hesperioidea y Papilionoidea). *Tropical Lepidoptera Research* 18(2): 78-87, 11 figs., 2 tabs. (1 December) [general]
- 2008b. Las especies urbanas de Rhopalocera de la Reserva Ecológica Costanera Sur, Ciudad de Buenos Aires, Argentina (Lepidoptera: Hesperioidea y Papilionoidea). *Shilap* 36(144): 435-447, 3 figs., 1 tab., 1 map (30 December) [general]
- 2008c. See Bar, M. E. et al., 2008a.  
2008d. See Bar, M. E. et al., 2008b.
- 2009a. Mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) del Parque Nacional Iguazú, provincia de Misiones, Argentina. *Tropical Lepidoptera Research* 19(2): 71-81, 1 fig. (1 December) [general]
- 2009b. *La fauna de mariposas (Insecta: Lepidoptera) del Parque Costero del Sur (Partidos de Magdalena y Punta Indio, Provincia de Buenos Aires, Argentina)*, pp. 278-294, 15 figs. In: Athor, J. (Ed.), *Parque Costero del Sur. Naturaleza, conservación y patrimonio cultural*. Buenos Aires, Fundación de Historia Natural "Félix de Azara". [general]
- 2010a. See Volkmann, L. R. & E. Núñez, 2010.  
2010b. *Mariposas de la ciudad de Buenos Aires y alrededores*. Buenos Aires, Vázquez Mazzini Editores. 264 pp., figs. (after 20 July) [general; life histories; host plants; behavior; Argentina]
- 2010c. Los lepidópteros diurnos de Argentina y la difusión de su conocimiento actual. *Boletín de la Sociedad entomológica argentina* 21(2): 13-14. [general]
- 2010d. Presencia de *Olafia roscius roscius* (Hopffer, 1874) en Argentina (Lepidoptera: Hesperidae, Pyrrhopyginae). *Shilap* 38(152): 411-415, 6 figs. (30 December) [behavior]
- 2012a. See Lazzeri, M. G. et al., 2012.  
2012b. *Mariposas diurnas de ayer y hoy en Capital Federal y el Gran Buenos Aires*, pp. 248-269, 280-281 16 figs. In: Athor, J. (Ed.), *Buenos Aires. La historia de su paisaje natural*. Buenos Aires, Fundación de Historia Natural "Félix de Azara". [general; Argentina]
- 2013a. Las especies del género *Adelpha* Hübner, [1819] (Lepidoptera: Nymphalidae: Limenitidinae) de Argentina y Uruguay. *Tropical Lepidoptera Research* 23(2): 113-121, 25 figs., 2 tabs. (1 December) [general]
- 2013b. See Fichetti, P. del C. et al., 2013.  
2014. See Siewert, R. R. et al., 2014b.
- [2015]a. Mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) de dos reservas municipales de la zona norte del Gran Buenos Aires, Provincia de Buenos Aires, Argentina. *Historia natural* (Buenos Aires) (3)4(1): 63-73, 12 figs., 1 tab. ("2014"; [February 2015]) [general; host plants; behavior]
- [2015]b. *Comparación de la fauna de mariposas diurnas (Papilionoidea & Hesperioidea) del Delta Bonaerense e Isla Martín García*, pp. 246-256, 10 figs., 1 tab. In: Athor, J. (Ed.), *El Delta Bonaerense: Naturaleza, conservación y patrimonio cultural*. Buenos Aires, Fundación de Historia Natural "Félix de Azara" ("December 2014", [March 2015]) [general; Argentina]
- 2015c. *Mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) del área de influencia del Embalse*

- Yacyretá, Provincias de Corrientes y Misiones, Argentina*, pp. 97-114, 10 figs., 1 tab. In: Bauni, V., M. A. Homberg & V. Capmourteres (Eds.), *El patrimonio natural y cultural en el área de influencia del Embalse de Yacyretá, Argentina*. Buenos Aires, Fundación de Historia Natural Félix de Azara. (after 15 July) [general]
- 2015d. See Volkmann, L. R. & E. O. Núñez, 2015a.
- 2015e. Nuevos registros de mariposas diurnas (Papilionoidea y Hesperioidea) de la Reserva Ecológica Costanera Sur, C.A.B.A., Argentina. *Historia natural* (Buenos Aires) (3)5(1): 99-108, 4 figs., 1 tab. (August) [general]
- 2015f. See Volkmann, L. R. & E. O. Núñez, 2015b.
- 2016a. Lepidópteros sobre nutrientes en asambleas diurnas de la selva atlántica, Provincia de Misiones, Argentina. *Tropical Lepidoptera Research* 26(1): 38-55, 26 figs., 2 tabs. (June) [general]
- 2016b. Nuevos registros de Lepidoptera para Argentina (Lepidoptera: Papilionoidea & Bombycoidea). *Shilap* 44(176): 645-651, 8 figs. (30 December) [general]
- [2017]a. *Mariposas diurnas (Lepidoptera: Papilionoidea & Hesperioidea) de la costa atlántica bonaerense, Provincia de Buenos Aires, Argentina*, pp. 270-280, 6 figs., 1 tab. In: Athor, J. & C. E. Celsi (Eds.), *La Costa Atlántica de Buenos Aires. Naturaleza y patrimonio cultural*. Buenos Aires, Fundación de Historia Natural Félix de Azara. ("2016", [March 2017]) [general]
- 2017b. Mariposas diurnas (Lepidoptera: Papilionoidea) de un fragmento alterado del Espinal Mesopotámico, Provincia de Entre Ríos, Argentina. *Historia natural* (Buenos Aires) (3)7(1): 95-110, 12 figs. (27 March) [general]
- 2017c. Registros inéditos de mariposas diurnas (Lepidoptera: Papilionoidea) para Argentina II. Colecciones del Instituto Miguel Lillo, Museo Argentino de Ciencias Naturales "Bernardino Rivadavia" y Museo de La Plata. *Historia natural* (Buenos Aires) (3)7(1): 111-120, 12 figs. (27 March) [general]
- 2017d. See Lavinia, P. D. et al., 2017.
- 2017e. See Volkmann, L. R. et al., 2017.
- 2017e. Registros inéditos de mariposas diurnas (Lepidoptera: Papilionoidea) para Argentina III. Colección Núñez Bustos en el MACN. *Tropical Lepidoptera Research* 27(2): 78-85, 21 figs. (19 December) [general]
- 2018a. See Pycrz, T. W. & E. O. Núñez, 2018.
- 2018b. Observaciones sobre hábitos nocturnos en tres especies de *Sarmientoia* Berg (Lepidoptera: Hesperidae: Eudaminae) de Argentina y Bolivia. *Tropical Lepidoptera Research* 28(2): 90-95, 7 figs. (published online 13 December) [S. *faustinus* (Burmeister), S. *almeidae* Mielke, S. *haywardi* Mielke]
- 2018c. See Quinteros, R. & E. O. Núñez, 2018.
- 2018d. See Klimaitis, J. F. et al., 2018b.
- 2019a. Martín García, un lugar excepcional. *Aves argentinas* 19(54): 36-39, figs. (May) [general; Argentina]
- 2019b. Nuevos registros de mariposas diurnas para Misiones, Argentina (Lepidoptera: Papilionoidea), con notas taxonómicas. *Historia natural* (Buenos Aires) (3)9(1): 105-113, 12 figs. (8 August) [general]
- 2019c. See Klimaitis, J. F. et al., 2019.
- Núñez, Ezequiel Osvaldo, Paola Favre, María Paula Bertolini, Jon D. Turner and Andrei Sourakov**
2011. Mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) de la Reserva Privada Osonunú – Parque Provincial Teyú Cuaré y alrededores de San Ignacio, Provincia de Misiones, Argentina. *Tropical Lepidoptera Research* 21(1): 34-42, 13 figs. (1 June) [general]
- Núñez, Ezequiel Osvaldo, and Carlos Ferrari**
2000. Mariposas argentinas. Joyas aladas. *Aves argentinas* 7: 4-10, figs. (October) [general]
- Núñez, Ezequiel Osvaldo, Juan Francisco Klimaitis, Cristian Leonel Klimaitis and Flavio Nicolás Moschione**
2013. Mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) del relicto de selva paranaense más austral del mundo: La Reserva Natural Integral Punta Lara, Provincia de Buenos Aires, Argentina. *Historia natural* (Buenos Aires) (3)3(1): 87-97, 4 figs., 2 tabs. [general]
- Núñez, Ezequiel Osvaldo, Juan Francisco Klimaitis, Cristian Leonel Klimaitis, Flavio Nicolás Moschione, Fernando César Penco and Aldo Fortino**
2016. Registros inéditos de mariposas diurnas (Lepidoptera: Papilionoidea) para Argentina I. Colecciones privadas Klimaitis, Penco y Fortino. *Tropical Lepidoptera Research* 26(2): 68-76, 18 figs. (28 December) [general]
- Núñez, Ezequiel Osvaldo, and Luis Rafael Volkmann**
2011. Mariposas diurnas escasas y asociadas a determinados ambientes de montaña de Argentina central con nuevos registros para el área de estudio (Lepidoptera: Papilionoidea y Hesperioidea). *Shilap* 39(155): 245-262, 7 figs. (30 September) [general]
2013. Lepidopterofauna de mariposas diurnas de las Sierras de Guasayán, Provincia de Santiago del Estero, Argentina (Lepidoptera: Papilionoidea y Hesperioidea). *Shilap* 41(163): 383-393, 8 figs. (30 September) [general]
- Núñez, Hania, Alonso Santos, Iris Gómez, José Rodríguez and Edgar Ramos**
2018. Diversidad de mariposas diurnas en la Reserva Hídrica Cerro Turega, Provincia de Coclé, República de Panamá. *Revista nicaragüense de Entomología* 148: 1-16, 12 figs., 2 tabs., 1 map (March) [general]
- Núñez, Rayner [1975- ]**
- 2004a. Lepidoptera (Insecta) de Topes de Collantes, Sancti Spiritus, Cuba. *Boletín de la Sociedad entomológica aragonesa* 34: 151-159, 2 tabs. (30 April) [general]
- 2004b. Range extension for the Cuban endemic *Chioides marmorosa* (Lepidoptera: Hesperidae). *Cocuyo* 14: 12-13 (September)
- 2004c. Sobre la presencia de *Epargyreus z. zestos* (Lepidoptera: Hesperidae) en Cuba. *Cocuyo* 14: 13 (September)
- 2004d. See Barro, A. et al., 2004.
2005. See Marrero, L. & R. Núñez, 2005.
- 2006a. See Reyes, E. E. & R. Núñez, 2006.
- 2006b. See Menéndez, L. et al., 2006.
- 2007a. *Papilio demoleus* Linnaeus, 1758 en Cuba (Lepidoptera: Papilionidae). *Boletín de la Sociedad entomológica aragonesa* 41: 440, 1 fig. (31 October)
- 2007b. See Rodríguez, R. et al., 2007.
- 2008a. Adiciones a la fauna de lepidópteros de la Reserva Ecológica Siboney-Juticí, Santiago de Cuba, Cuba (Insecta: Lepidoptera). *Revista Biología* (La Habana) 21(1/2): 70-78, 3 tabs. ("2007"; after January 2008) [general]
- 2008b. See Reyes, E. E. & R. Núñez, 2008.
- 2009a. See Mestre, N. et al., 2009.
- 2009b. Rediscovery of *Calisto israeli* Torre, with nomenclatural notes on the larger species of Cuban *Calisto* (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 2087: 46-58, 8 figs. (1 May)
2010. Especies del orden Lepidoptera (Insecta) en el Área Protegida de Recursos Manejados "Mil Cumbres", Pinar del Río, Cuba. *Poeyana* 498: 31-38, 1 fig., 1 tab. (June) [general]
- 2011a. See Armas, L. F. de & R. Núñez, 2011.
- 2011b. See Barro, A. & R. Núñez, 2011a.
- 2011c. See Fernández, D. M. & R. Núñez, 2011.

- 2011d. See Barro, A. & R. Núñez, 2011b.
- 2011e. See Barro A. & R. Núñez, 2011c.
- 2011f. Lista preliminar de las mariposas (Lepidoptera: Papilionoidea) de El Yunque de Baracoa, Guantánamo, Cuba. *Carta Cuba* 3(1): 22-24, 32 figs. ("December 2010", March 2011) [general]
- [2013]a. The butterflies of Turquino National Park, Sierra Maestra, Cuba (Lepidoptera, Papilionoidea). *Arxius de Miscel·lània zoològica* 10: 29-49, 2 figs., 3 tabs. ("2012", [13 March 2013]) [general; host plants]
- 2013b. Nuevo registro de planta hospedera para *Phocides pigmalion batabano* (Lepidoptera, Hesperidae, Eudamini). *Revista cubana de Ciencias biológicas* 2(3): 83-84, 4 figs. (December) [egg, larva]
- 2014a. See Matos, P. F. et al., 2014.
- 2014b. See Yong, S. & R. Núñez, 2014.
- 2015a. An American blue in Cuba, the first West Indian record of *Cupido* Schrank (Lepidoptera, Lycaenidae, Polyommatinae). *Journal of the Lepidopterists' Society* 69(2): 142-143, 1 fig. (18 June) [*C. comyntas* (Godart)]
- 2015b. See Armas, L. F. de & R. Núñez, 2015.
- 2016a. See Bermúdez, F. et al., 2016.
- 2016b. See Pérez-Asso, A. R. et al. 2016.
2018. See Murillo, L. et al., 2018.
2019. See Prieto, C. H. et al., 2019.
- Núñez, Rayner, and Luis F. de Armas**
2015. The unusual natural history of the Cuban endemic skipper *Chioides marmorosa* (Lepidoptera: Hesperidae). *Boletín de la Sociedad entomológica aragonesa* 56: 319-325, 3 figs., 1 tab. (30 June) [egg, larva, pupa, imago; host plant; parasitoids; predators; conservation]
2017. Seasonal short-term diapause in the false locust skipper, *Chioides marmorosa* (Lepidoptera: Hesperidae, Eudamini), from Cuba. *Journal of the Lepidopterists' Society* 71(1): 57-59, 2 figs. (2 March)
- Núñez, Rayner, and Alejandro Barro**
2003. Composición y estructura de dos comunidades de mariposas (Lepidoptera: Papilionoidea) en Boca de Canasí, La Habana, Cuba. *Revista Biología* (La Habana) 17(1): 8-17, 4 figs., 3 tabs. [general; diversity]
- 2011a. *Los lepidópteros y su relación con otros organismos*, pp. 33-43, figs. 64-107. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba*. Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [general; ecology; behavior]
- 2011b. Listado de las especies del orden Lepidoptera en Cuba, pp. 214-224. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba*. Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [general]
2012. A list of Cuban Lepidoptera (Arthropoda: Insecta). *Zootaxa* 3384: 1-59, 1 tab. (10 July) [general]
2016. *Lepidópteros. Hojas de datos de los taxones*, pp. 158-189, figs. In: Hidalgo-Gato, M.M., J. Espinosa & R. Rodríguez-León (Eds.), *Libro rojo de invertebrados terrestres de Cuba*. La Habana, Editorial Academia. [general; conservation]
- Núñez, Rayner, Alejandro Barro, Marc C. Minno, Douglas Manuel Fernández and Axel Hausmann**
2019. The *herophile* species group of *Calisto* (Lepidoptera: Nymphalidae: Satyrinae), new taxa and historical biogeography. *Invertebrate Systematics* 33(4): 644-660, 6 figs., 3 tabs. (August; published online 5 August) [*C. gundlachi*, *C. siguanensis*, *C. disjunctus*, *C. sharkeyae*, *C. lastrai*; Cuba, Bahamas]
- Núñez, Rayner, Julio Antonio Genaro, Antonio Ramón Pérez-Asso and Axel Hausmann**
- 2017a. A new species of the *hysius* species-group of *Calisto* Hübner (Lepidoptera, Nymphalidae, Satyrinae) and insights into the status of different populations currently attributed to *C. grannus* Bates. *Zootaxa* 4317(1): 1-25, 20 figs., 3 tabs. (1 September) [*C. bahoruco*; Dominican Republic]
- Núñez, Rayner, Pável Fortunato Matos and Niklas Wahlberg**
2013. New *Calisto* species from Cuba, with insights on the relationships of Cuban and Bahamian taxa (Lepidoptera, Nymphalidae, Satyrinae). *Zootaxa* 3669(4): 503-521, 70 figs. (10 June) [*C. torrei*, *C. dissimulatum*, *C. aquilum*, *C. a. occidentalis*]
- Núñez, Rayner, Tim Norris, Douglas Manuel Fernández and Axel Hausmann**
2018. Revalidation of an endemic Cuban skipper, *Chiomara gundlachi* (Lepidoptera: Hesperidae). *Zootaxa* 4531(4): 597-600, 22 figs. (14 December)
- Núñez, Rayner, Edelquis Oliva, Pável Fortunato Matos and Niklas Wahlberg**
2012. Cuban *Calisto* (Lepidoptera, Nymphalidae, Satyrinae), a review based on morphological and DNA data. *ZooKeys* 165: 57-105, 99 figs. (13 January) [general; new species: *C. occulta*]
- Núñez, Rayner, Antonio Ramón Pérez-Asso and Julio Antonio Genaro**
- 2017b. Taxonomic reassessment of species within the *chrysaoros* group of *Calisto* (Lepidoptera: Nymphalidae: Satyrinae). *Invertebrate Systematics* 31(6): 747-764, 40 figs. (December; published online 17 November) [general; Haiti, Dominican Republic]
- Núñez-Avellaneda, Luis Alberto**
2018. See Castillo-Granados, I. D. & L. A. Núñez-Avellaneda, 2018.
- Núñez-Camargo, María del Carmen**
2019. See Hernández-Baz, F. et al., 2019.
- Núñez-Farfán, Juan**
1994. See Domínguez, C. A. & J. Núñez-Farfán, 1994.
- Núñez-Palenius, Héctor Gordon**
2019. See León-Galván, G. del C. et al., 2019.
- Nuss, Matthias**
2007. Die Evolution der Schmetterlinge (Lepidoptera). *Denisia* 20: 587-608, 27 figs., 6 tabs. [*Heliconius*]
2011. See Nieukerken, E. J. van et al., 2011.
- Nutting, Charles Cleveland [1858-1927]**
1919. Barbados-Antigua Expedition. Narrative and preliminary report of a zoological expedition from the University of Iowa to the Lesser Antilles under the auspices of the Graduate College. *University of Iowa Studies in natural History* 8(3): 1-274, 50 pls. (May) [general]
- Nyblom, Klas**
- 2001a. See Janz, N. et al., 2001.
- 2001b. See Nylin, S. et al., 2001.
- Nye, Ian William Beresford [1924-2017]**
1964. Application for the rejection for nomenclatorial purposes of the pamphlet by J. Hübner entitled *Erste Zuträge zur Sammlung exotischer Schmetterlinge* printed in 1808. *Bulletin of zoological Nomenclature* 21(1): 58-80 (25 March)
- Nylin, Sören**
1998. See Janz, N. & S. Nylin, 1998.
2001. See Janz, N. et al., 2001.
- 2003a. See Wahlberg, N. & S. Nylin, 2003.
- 2003b. See Wahlberg, N. et al., 2003b.
- 2003c. *Evolutionary dynamics of host plant range in the butterfly tribe Nymphalini* (Insecta, Lepidoptera, Nymphalidae), pp. 97-104, 1 fig. In: Legakis, A., S. Sfenhourakis, R.



Polymeni & M. Thessalou-Legaki (Eds.), *The new panorama of animal evolution*. Sofia, Pensoft Publishers.

[general]

2005a. See Wahlberg, N. et al., 2005a.

2005b. See Wahlberg, N. et al., 2005b.

2006a. See Janz, N. et al., 2006.

2006b. See Weingartner, E. et al., 2006.

2006c. See Peña, C. et al., 2006.

2009a. See Wahlberg, N. et al., 2009a.

2009b. See Wahlberg, N. et al., 2009b.

2010a. See Kodandaramaiah, U. et al., 2010.

2010b. See Peña, C. et al., 2010.

2011. See Peña, C. et al., 2011.

2018. See Braga, M. P. et al., 2018.

2019. See Hill, J. A. et al., 2019.

**Nylin, Sören, and Niklas Janz**

1999. *The ecology and evolution of host-plant range: butterflies as a model group*, pp. 31-54, 3 figs., 1 tab. In: Olff, H., V. K. Brown & R. H. Drent (Eds.), *Herbivores: Between plants and predators*. Oxford, Blackwell. [general; Nymphalini]

**Nylin, Sören, Klas Nyblom, Fredrik Ronquist, Niklas Janz, Joseph Belicek and Mari Källersjö**

2001. Phylogeny of *Polygonia*, *Nymphalis* and related butterflies (Lepidoptera: Nymphalidae): a total-evidence analysis. *Zoological Journal of the Linnean Society* 132(4): 441-468, 8 figs., 2 tabs. ([23 July]) [general]

**Nylin, Sören, Jessica Slove and Niklas Janz**

2014. Host plant utilization, host range oscillations and diversification in nymphalid butterflies: A phylogenetic investigation. *Evolution* 68(1): 105-124, 4 figs., 7 tabs. (January; published online 29 August 2013) [general]

**Nylin, Sören, and Niklas Wahlberg**

2008. Does plasticity drive speciation? Host-plant shifts and diversification in nymphaline butterflies (Lepidoptera: Nymphalidae) during the tertiary. *Biological Journal of the Linnean Society* 94(1): 115-130, 5 figs., 1 tab. (May) [general; evolution; biogeography]

**Nyman, Tommi, Hans Peter Linder, Carlos Peña, Tobias Malm and Niklas Wahlberg**

2012. Climate-driven diversity dynamics in plants and plant-feeding insects. *Ecology Letters* 15(8): 889-898, 2 figs. (August, published online 17 April) [general]

**Oatman, Earl Roland, and Gary R. Platner**

1983. A new species of *Trichogramma* (Hymenoptera: Trichogrammatidae), with notes on other species collected in Guatemala. *Proceedings of the entomological Society of Washington* 85(4): 710-713, 1 fig. (9 November) [*Vanessa* sp.; parasitoid]

**Obando, Juan Carlos**

- [2010]. Patas heladas a 5000 metros. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(2): 269-270, 1 fig. ("December 2009", [12 April 2010]) [*Serdis venezuelae fractifascia* (C. Felder & R. Felder); Colombia]

**Ober, Dietrich**

2000. See Hartmann, T. & D. Ober, 2000.

**Oberhauser, Karen Suzanne**

1995. See Brower, L. P. et al., 1995.  
 1997. Sojourn in Mexico. *Monarch Watch* 5(1): 12-13, 1 fig. (May) [*Danaus plexippus* (Linnaeus)]  
 1999a. *Biology of the monarch butterfly. Introduction*, p. 65. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]  
 1999b. See Altizer, S. M. et al., 1999.  
 2000. See Altizer, S. M. et al., 2000.  
 2004. See Goehring, L. & K. S. Oberhauser, 2004.  
 2007. See Brower, L. P. et al., 2007.  
 2011. See Bartel, R. A. et al., 2011.  
 2012a. See Barve, N. et al., 2012.  
 2012b. See Zipkin, E. F. et al., 2012.  
 2013a. See Pleasants, J. M. & K. S. Oberhauser, 2013.  
 2013b. Has the Monarch lost its realm? *American Butterflies* 21(3/4): 56-63, 8 figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]  
 2015a. See Young-Isebrand, E. et al., 2015.  
 2015b. See Nail, K. R. et al., 2015.  
 2015c. See Ries, L. et al., 2015b.  
 2016a. See Semmens, B. X. et al., 2016.  
 2016b. See McCoshum, S. M. et al., 2016.  
 2016c. See Brower L. P. et al., 2016.  
 2017a. See Thogmartin, W. E. et al., 2017.  
 2017b. See Pleasants, J. M. et al., 2017.  
 2018. See Stenoién, C. M. et al., 2018.  
 2019. See Cariveau, A. B. et al., 2019.

**Oberhauser, Karen Suzanne, Michael Anderson, Sophia Anderson, Wendy Caldwell, Alma De Anda, Mark Hunter, Matthew C. Kaiser and Michelle J. Solensky**

- 2015b. *Lacewings, wasps, and flies – Oh my. Insect enemies take a bite out of monarchs*, pp. 71-82, 5 figs., 3 tabs. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); parasitoids, predators]

**Oberhauser, Karen Suzanne, and Dennis F. Frey**

1999. *Coercive mating by overwintering male monarch butterflies*, pp. 67-78, 4 figs., 2 tabs. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus*

(Linnaeus); conservation; Mexico]

**Oberhauser, Karen Suzanne, and Andrew Townsend Peterson**

2003. Modeling current and future potential wintering distributions of eastern North American monarch butterflies. *Proceedings of the national Academy of Sciences of the United States of America* 100(24): 14063-14068, 3 figs. (25 November) [*Danaus plexippus* (Linnaeus); migration; Mexico]

**Oberhauser, Karen Suzanne, Michelle Prysby, Michelle J. Solensky, Jolene Lushine and Cindy Petersen**

2003. How you can help scientists learn more about monarchs. *American Butterflies* 11(2): 14-23, figs. [*Danaus plexippus* (Linnaeus); conservation; Mexico]

**Oberhauser, Karen Suzanne, Leslie Ries, Sonia M. Altizer, Rebecca V. Batalden, Janet Kudell-Ekstrum, Mark Garland, Elizabeth Howard, Sarina Jepsen, Jim Lovett, Mía Monroe, Gail Morris, Eduardo Rendón, Richard G. RuBino, Ann Ryan, Orley Robert Taylor, Jr., Rocío Treviño, Francis X. Villablanca and Richard K. Walton**

- 2015a. *Contributions to monarch biology and conservation through citizen science. Seventy years and counting*, pp. 13-30, 3 figs., 1 tab. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Mexico]

**Oberhauser, Karen Suzanne, Ruscena Wiederholt, Jay E. Diffendorfer, Darius J. Semmens, Leslie Ries, Wayne E. Thogmartin, Laura Lopez-Hoffman and Brice X. Semmens**

2017. A trans-national monarch butterfly population model and implications for regional conservation priorities. *Ecological Entomology* 42(1): 51-60, 2 figs., 2 tabs. (February); published online 21 October 2016) [*Danaus plexippus* (Linnaeus); Mexico]

**Oberprieler, Rolf G. [1955- ]**

2007. See Nässig, W. A. & R. G. Oberprieler, 2007.

**Oberthür, Charles [1845-1924]**

- 1872a. [Synonymies du G. *Morpho*]. *Petites Nouvelles entomologiques* 1(44): 175-176 (15 January) [general; Mexico]  
 1872b. Des variations chez les lépidoptères. *Petites Nouvelles entomologiques* 1(55): 220 (1 July) [general]  
 1876. Étude sur la faune des lépidoptères de l'Algérie. *Études d'Entomologie* 1: [vii]-xiii, [15]-74, pls. 1-4 (July) [general; mimicry; Neotropics]  
 1878. [Notes synonymiques sur divers lépidoptères]. *Bulletin des Séances de la Société entomologique de France* 1878(21): 208-210 (23 November), (22): 227-228 (7 December) [also in *Bulletin de la Société entomologique de France* (5)8(4): cliii-clvii (26 March 1879) [general; new species: *Ithomia elarina*, *I. pozziana*, *I. thiemei*, *I. naxo*, *I. graziella*, *I. pepita*, *Catagramma militaris*; Panama, South America]  
 1879. Catalogue raisonné des Papilionidae de la collection de Ch. Oberthür à Rennes. *Études d'Entomologie* 4: i-xviii, 19-117, pls. 1-6 (December) [general]  
 1881. II. Lépidoptères d'Amérique. *Études d'Entomologie* 6: xxv-xxvi, 27-38, pls. 4-6, 10 (March) [general; new species: *Perisama eminens*, *Dynastor hannibal*; Peru, French Guiana, Colombia]

1883. II. Lépidoptères de l'Amérique méridionale. *Études d'Entomologie* 7: 15-36, pls. 1-3 (May) [new species: *Catagramma branickii*; Peru]
1888. I. Lépidoptères exotiques nouveaux ou peu connus. *Études d'Entomologie* 12: 1-8, pls. 1-3, 7 (April) [general; new species: *Papilio judicael*, *P. vercingetorix*; Argentina, Brazil, Peru, Colombia, French Guiana]
1890. [Observations et description d'une *Mathania* nouvelle]. *Bulletin des Séances de la Société entomologique de France* 1890(3): xx-xxi ([22 February]) [also in *Bulletin de la Société entomologique de France* (6)10(1): xx-xxi (8 August)] [*M. esther*; Peru]
1891. [A note]. *Bulletin des Séances de la Société entomologique de France* 1891(8): lxx-lxx ([9 May]) [also in *Bulletin de la Société entomologique de France* 60(2/3): lxx-lxx (23 December)] [*Vanessa cardui* (Linnaeus); Brazil, French Guiana]
1892. Lépidoptères du Pérou, du Thibet et du Yunnan. *Études d'Entomologie* 16: i-x, 1-9, 2 pls. (June) [new species: *Papilio mathani*]
- 1896a. Du mimétisme chez les insectes. *La Feuille des jeunes Naturalistes* 26(304): 61-63 (1 February) [general; South America]
- 1896b. De la variation chez les lépidoptères. *Études d'Entomologie* 20: xx + 74 pp., 24 pls., 5 figs. (May) [general; South America]
- 1896c. Du mimétisme chez les insectes. *La Feuille des jeunes Naturalistes* 26(308/309): 155-157 (June-July); 27: 7-8. [general; South America]
1897. Description de lépidoptères nouveaux. *Bulletin de la Société entomologique de France* 1897(11): 173-180, 5 figs. (June) [*Papilio* spp., *P. epithoas*; West Indies, Mexico]
1901. Observations sur le dimorphisme et le mimétisme de *Paromia pulchra* & (Lep. Rhop.). *Bulletin de la Société entomologique de France* 1901(3): 42-44 (February) [new subspecies: *P. p. aequatorialis*, *P. p. pallidior*; South America]
1902. Observations sur la variation des *Heliconia vesta* et *thelxiope*. *Études d'Entomologie* 21: 7-26, 11 pls. (February) [general; new species: *H. bari*, *H. caternaulti*, *H. xanthoceras*, *H. emmelina*; South America]
1904. [Notes]. *Études de Lépidoptérologie comparée* 1: 11-16, pl. 1 (March) [*Gynaecia dirce* (Linnaeus), *G. dirceoides* (Sepp); larvae; French Guiana]
1906. Dimorphisme et mimétisme de la femelle de *Paromia melania*. *Études de Lépidoptérologie comparée* 2: 21-27, pl. 7 (October) [general; Colombia, Peru, Brazil, Ecuador]
- 1912a. Observations sur les HesperIIDae du genre *Syrichthus*. *Études de Lépidoptérologie comparée* 6: 47-120, pls. 137-143 (July) [general; new species: *S. lossbergi*, *S. odilia*, *S. bahiensis*]
- 1912b. Explication des planches. *Études de Lépidoptérologie comparée* 6: 309-355, pls. 97-160 (July) [new aberrations: *Ageronia amphinome* ab. *nysa*, *Callidryas eubule* ab. *schausi*; Colombia, Brazil]
- 1914a. Les *Apatura* sud-américaines. *Études de Lépidoptérologie comparée* 9(2): 11-37, pls. 241-250 (May) [general; new taxa: *A. zalmunna* female form *butleri*, *A. beckeri* female form *ornata*, *A. felderi* female form *mathani*, *A. vacuna*, *A. lucasii* form *boliviana*, *A. l.* form *ornata*]
- 1914b. Les lépidoptères de la Californie. Par le Docteur Boisduval (Suite). *Études de Lépidoptérologie comparée* 9(2): 73-89, pls. 258-264 (May) [*Melitaea callina* Boisduval; Mexico]
1915. Explication des planches. *Études de Lépidoptérologie comparée* 10: 448-449, pls. 310-311 (March) [*Papilio cacicus* Lucas, *P. c. apollinaris* Oberthür, *P. c. nais* Rothschild & Jordan; Colombia]
- 1916a. La réalité de l'idée de genre est démontrée par les *Catagrammides* (Lépidoptères Rhopalocères de l'Amérique méridionale). *Études de Lépidoptérologie comparée* 11(TeXte): 7-117, pls. A-G (January), (Planches): 27-38, pls. 340-363 (April) [general; new taxa: *Catagramma elatior*, *C. ockendeni*, *C. sanguinea*, *C. texa* variety *vincenti*, *C. titania* variety *divisa*, *C. t.* variety *confluens*, *C. maimuna* variety *bari*, *C. pitheas columbiana* *bipupillata*, *C. splendens*, *C. s.* variety *restricta*, *C. philomena*, *C. cyllene* variety *aurantiaca*, *C. pujoli*, *C. eunomia* form *aurantiaca*, *C. e.* form *flava*, *C. e.* form *f.* variety *confluens*, *C. e.* race *carmen*, *C. denia* race *aurantiaca*, *C. d.* variety *chimana*, *C. d.* variety *c.* form *flava*, *C. odilia*, *C. maronensis*, *C. apollinaris*, *C. kolyma* variety *confluens*, *Callicore clymena* variety *confluens*, *C. chlymene* aberration *antonia*, *C. c.* aberration *lypera*, *C. marchalii* variety *rosea*, *C. m.* variety *confluens*, *C. nitens*, *C. nystographa* variety *charis*, *C. gueneei*, *C. adelographa*, *C. lidwina* variety *splendidus*, *C. astala* aberration *euphrasia*, *C. gabazina*, *C. candrenoides*, *Perisama yebina*, *P. emma*, *P. e.* variety *emmelina*, *P. d'orbignyi* variety *paula*, *P. johannes*, *P. aristoteles*, *P. lebasii* variety *hewitsoni*, *P. l.* variety *ambatensis*, *P. l.* variety *manizalensis*, *P. henrica*, *P. latimargo*, *P. morona*, *P. calamis* form *calamita*, *P. comnena* variety *imitator*, *P. humboldti* variety *bertha*, *P. h.* variety *intermedia*, *P. h.* variety *comnenoidea*, *P. h.* variety *tristis*, *P. comnena* form *transiens*, *P. c.* variety *intermedia*, *P. c.* form *unicolor*, *P. typhania*, *P. refulgens*, *P. iphigenia*, *P. oppellii* form *fulgens*, *P. o.* form *amalia*, *P. o.* form *erebina*, *P. eminens*, *P. aequatorialis* form *arhoda*, *P. a.* form *a.* variety *sinuatolinea*, *P. a.* form *a.* variety *ultramarina*; Neotropics]
- 1916b. Rectifications et observations relatives aux *Catagrammides*. *Études de Lépidoptérologie comparée* 12(2)[1]: 437-443, (2)[2]: pl. 412, fig. 3515 (December) [with parts by W. J. Kaye] [general]
- 1916c. Observations relatives aux planches CDIII, CDIV, CDV représentant des *Heliconia*. *Études de Lépidoptérologie comparée* 12(2)(Planches): 30-44, pls. 403-413 (December) [general; new taxa: *H. microclea notabilis radiata*, *H. m. virgo*, *H. eueidina*, *Eueides ambatensis*, *Myscelia milloi*, *Acraea culoti*, *Eunica erroneata*, *E. falsata*, *Eubagis laugierii*, *E. agatha*, *Callicore donckieri*; Ecuador, French Guiana, Peru, Brazil, Colombia]
1917. Le genre *Actinote*. *Études de Lépidoptérologie comparée* 14: 77-125, pls. 463-473 (September) [general; new taxa: *A. mathani*, *A. erebia*, *A. incarum*, *A. laeta*, *A. tenebrarum*, *A. flavibasis* variety *eulalia*, *A. f.* variety *eulogia*, *A. dicaeus* variety *albofasciata* subvariety *pallasia*, *A. d.* variety *a.* subvariety *pallasina*, *A. lacrymosa*, *A. avuncula*, *A. menoetes*, *A. moyobambae*, *A. rufina*, *A. morio*, *A. lorida*, *A. hahneli* variety *meridae*, *A. auloeda*, *A. brettia*, *A. byssa*, *A. lolia*, *A. brylla*, *A. bubona*, *A. b.* form *melanisans*, *A. brychia*, *A. byzas*, *A. b.* variety *insularis*, *A. brauronis*, *A. zaratensis*; Central and South America, Trinidad]
- 1920a. Explication des planches coloriées. *Études de Lépidoptérologie comparée* 17(2): 5-38, pls. 502-522 (November) [general; new taxa: *Heliconia* [sic] *doris* variety *dives*, *H. ceres*, *H. cethosia* form *completa*, *H. bartletti* form *reducta*; Colombia, Ecuador, Brazil, Honduras, Peru]
- 1920b. Explication des planches photographiques. *Études de Lépidoptérologie comparée* 17(2): 45-53, pls. A-F (November) [*M. amathonte* Deyrolle; intersex; Colombia]

1921. Figuration photographique de quelques lépidoptères. *Études de Lépidoptérologie comparée* 18(1): 67-77, pls. U-Z bis (May) [*Papilio* spp.; new race: *Morpho cypris lelargei*; Colombia]
- 1923a. Explication des planches. *Études de Lépidoptérologie comparée* 20: 301-304, pls. 562-564 (June) [new aberration: *Heliconia* [sic] *egeria* ab. *clearista*; French Guiana]
- 1923b. Lépidoptères d'Amérique. *Études de Lépidoptérologie comparée* 21(2)[1]: 156-166, [2]: 2-4, pls. 568, 570-572 (September) [*Callidryas rurina* Felder, *Callicore* spp.; Colombia]
1924. Le genre *Agrias*. *Études de Lépidoptérologie comparée* 22(1): 11-82, pls. 87, 580-590 (14 April) [general; translated reprint of A. H. Fassl's papers on *Agrias* from *Entomologische Rundschau*; new variety: *A. claudia fassli*; South America]
1925. Lépidoptères de l'Amérique du Sud. *Études de Lépidoptérologie comparée* 22(2): 81-89, 95, pl. 591, figs. 5-12 (June) [general; new species: *Heliconia* [sic] *automatia*, *H. aventina*, *Antigonis hesychia*, *Paphia lelargei*; French Guiana, Colombia, Brazil]
- Oberthür, Charles, and René Oberthür**  
1888. [Le genre *Papilio*]. *Bulletin des Séances de la Société entomologique de France* 1888(2): x ([4 February]) [also in *Bulletin de la Société entomologique de France* (6)8(1): x (30 June)] [general; mimicry; Peru]
- Oberthür, René** [1852-1944]  
1888. See Oberthür, C. & R. Oberthür, 1888.
- Obregón-Zúñiga, Javier Alejandro**  
2013a. See Guzmán-Rodríguez, S. M. et al., 2013.  
2013b. See Jones, R. W. et al., 2013.
- O'Brien, Charles William**  
1977. See Ward, C. R. et al., 1977.
- O'Brien, Charles William, and Charles R. Ward**  
1987. Current state of insect collections in Honduras. *Folia entomologica mexicana* 71: 87-101, 2 tabs. (30 June) [general]
- O'Brien, Diane M., Carol L. Boggs and Marilyn L. Fogel**  
2003. Pollen feeding in the butterfly *Heliconius charitonia* [sic]: isotopic evidence for essential amino acid transfer from pollen to eggs. *Proceedings of the royal Society of London* (B) 270(1533): 2631-2636, 2 figs., 3 tabs. (22 December; published online 15 October) [host plants; Mexico, Costa Rica]
- O'Brien, Lois Breimeier** [1927- ]  
1977. See Ward, C. R. et al., 1977.
- Obry, Jacqueline**  
1962. Voyageur sans visa. *Ascia monuste* (Linné). *Science et Nature* 53: 40-41, 2 figs. (September-October)  
1967. Notule sur quelques voyageurs clandestines. *Entomops* (Nice) 1(8): 234-236, 4 figs. (28 April) [*Ascia monuste* (Linnaeus); Martinique]
- Ochoa, Jesús Arturo, Keila Escorcía, Jefferson Alexis Durán and Carlos Humberto Prieto**  
2018. Population structure of *Morpho rhodopteron*, Godman & Salvin (Lepidoptera: Nymphalidae) an endemic butterfly from the Sierra Nevada de Santa Marta, Colombia. *Journal of the Lepidopterists' Society* 72(4): 320-326, 8 figs., 2 tabs. (28 November) [ecology]
- Ochoa, Julio Gustavo**  
1987. See Venero, J. L. et al., 1987.
- Ochoa, Leticia, Bernardo Ortiz, Gabriela García and Moisés Armando Luis**  
2003. Contribución al atlas panbiogeográfico de México: Los géneros *Adelpha* y *Hamadryas* (Nymphalidae), y *Dismorphia*, *Enantia*, *Lieinix* y *Pseudopieris* (Pieridae) (Papilionoidea [sic]; Lepidoptera). *Folia entomologica mexicana* 42(1): 65-77, 8 figs., 1 tab. (30 April) [general; biogeography]
- Ochoa, Susana**  
2011. See González, N. A. et al., 2011.  
2016. See González, N. A. et al., 2016.
- Ockenfels, Peter**  
2004. See Schulz, S. et al., 2004.
- Oda, Fabrício Hiroiuki**  
2017. See Sigríst, M. R. et al., 2017.
- Odendaal, François J.** [1955- ]  
1990. The dry season influences reproductive parameters in female butterflies. *Biotropica* 22(1): 100-102, 1 tab. (March) [general; Costa Rica]
- Odendaal, François J., Yoh Iwasa and Paul Ralph Ehrlich**  
1985. Duration of female availability and its effect on butterfly mating systems. *American Naturalist* 125(5): 673-678, 1 fig. (May) [*Heliconius*]
- Oehlhey, Hans Rudolf** [1902-1952]  
1939. Observaciones biocenóticas de las lomas cercanas a Trujillo. *Boletín del Museo de Historia natural "Javier Prado"* 3(11): 32-49, 3 figs., 1 tab. (after 12 December) [*Pyrameis* sp., Pieridae, Hesperidae; ecology; Peru]
- Oficina Federal para la Defensa Agrícola**  
1931. *Principales plagas y enfermedades de los cultivos en la República Mexicana incluyendo las más importantes de los Estados Unidos de Norteamérica*. Tacubaya, Secretaría de Agricultura y Fomento. 378 pp., 8 pls., 100 figs. [another ed., 1950] [*Pieris elodia* Boisduval, *P. rapae* (Linnaeus), *Thecla ortygna* (Linnaeus); host plants; eggs, larvae, pupae, imagines]
- Ogarrio, Rodolfo**  
1984. Development of the civic group, Pro Monarca, A.C., for the protection of the Monarch butterfly wintering grounds in the Republic of Mexico. *Atala* 9(1/2): 11-13, 2 figs. (April) [*Danaus plexippus* (Linnaeus); migration]  
1993. Conservation actions taken by Monarca, A.C., to protect the overwintering sites of the Monarch butterfly in Mexico. *Science Series. Natural History Museum of Los Angeles County* 38: 377-378 (18 February) [*Danaus plexippus* (Linnaeus)]
- Ogasawara, Daniela Carvalho**  
2012. See Arab, A. et al., 2012.
- Ogawa, Joshua R.**  
2008. See Warren, A. D. et al., 2008.  
2009. See Warren, A. D. et al., 2009.  
2010. See Brower, A. V. Z. et al., 2010.
- Ogilvie, Lawrence** [1898-1980]  
1928. *The insects of Bermuda*. [Hamilton], Department of Agriculture. 50 pp. [general; host plants; behavior]
- Ohki, Takashi**  
2007. A collecting expedition to Ecuador in August 2006 with a remarkable record of *Agrias aedon* and list of all species collected. *Butterflies* (Tokyo) 46: 46-55, 14 figs. (31 August) [general]  
2009. Riodinid butterflies I collected in Ecuador. *Butterflies* (Teinopalpus) 52: 30-39, 47 figs. (30 August) [general]  
2019. Collecting butterflies in Bolivia. *Butterflies* (Tokyo) 80: 21-28, 37 figs. (20 April) [general]
- Ohlweiler, Fernanda Pires**  
2008. See Machado, A. B. M. et al., 2008.
- Ohsako, Nobumitsu**  
1966. See Hirata, K. & N. Ohsako, 1966.
- Ohshima, Issei, Yukiko Tanakawa-Dodo, Toyohi Saigusa, Tomoaki Nishiyama, Masakazu Kitani, Mitusyasu**

- Hasebe and Hideo Mohri**  
2010. Phylogeny, biogeography, and host-plant association in the subfamily Apaturinae (Insecta: Lepidoptera: Nymphalidae) inferred from eight nuclear and seven mitochondrial genes. *Molecular Phylogenetics and Evolution* 57(3): 1026-1036, 3 figs., 4 tabs. (December; published online 4 November) [general; Neotropics]
- Ohshima, Yasuhiro**  
2019. See Wu, L.-W. et al., 2019.
- Ohta, Yūichi**  
1991. Parallel modification of two morphid species, *Morpho helenor* and *M. achilles* (Lepidoptera, Morphidae) [In Japanese]. *Gekkan-Mushi* 247: 3-7, 2 pls., 2 figs., 1 tab. (September) [general; South America]
- Oiticica Filho, José [1906-1964]**  
1946a. Sobre a morfologia do penis em Lepidoptera. *Boletim do Museu nacional* (Rio de Janeiro) (*Zoologia*) 50: 1-79, 24 figs. (14 January) [general]  
1946b. See D'Almeida, R. F. & J. Oiticica Filho, 1946.  
1951. See D'Almeida, R. F. & J. Oiticica Filho, 1951.  
1955. Revisão dos nomes genéricos sul-americanos da subfamília Castniinae (Lepidoptera, Castniidae). *Revista brasileira de Entomologia* (São Paulo) 3: 137-167 (June) [new genus: *Uestiudia*; Riodinidae]
- Ojasti, Juhani**  
2001. *Estudio sobre el estado actual de las especies exóticas. Estudio nacional*. Caracas, Comunidad Andina, Banco Interamericano de Desarrollo. 220 pp., tabs. (April) [*Cynthia cardui* (Linnaeus), *Vanessa atalanta rubria* (Fruhstorfer), *Hypolimnas misippus* (Linnaeus); Venezuela]
- Ojeda, Arcadio**  
1995. See Maza, R. G. de la et al., 1995.
- Ojeda, David**  
1970a. See Korytkowski, C. A. & D. Ojeda, 1970a.  
1970b. See Korytkowski, C. A. & D. Ojeda, 1970b.
- Okada, Naoki, Dong Zhu, Dongsheng Cai, James B. Cole, Makoto Kambe and Shuichi Kinoshita**  
2013. Rendering *Morpho* butterflies based on high accuracy nano-optical simulation. *Journal of Optics* 42(1): 25-36, 15 figs., 1 tab. (March; published online 9 November 2012) [*M. rhetenor* (Cramer)]
- Okada, Yukari**  
2011. See Silva, P. L. da et al., 2011.
- Okada, Yoshio**  
2008a. Illustrations of male genitalia of Papilionidae. *Yadoriga* 216: 27-45, 84 figs. (31 March) [general]  
2008b. Illustrations of male genitalia of Papilionidae. *Yadoriga* 218: 21-37, figs. 85-178 (30 September) [general]  
2012. Illustrations of male genitalia of Papilionidae. *Yadoriga* 231: 57-61, figs. (15 January) [general; Mexico, Peru, Brazil]  
2013. Illustrations of male genitalia of Papilionidae (7). *Yadoriga* 237: 13-22, 52 figs. [general; Mexico, Brazil, Peru]
- Okada, Yukari**  
2017. See Seixas, R. da R. et al., 2017.
- Okamoto, Naoko**  
2002. See Kinoshita, S., S. Yoshioka, Y. Fujii et al., 2002.
- Okano, Kikumaro**  
1981. Studies on the Mexican butterflies (1). Additions and revisions to... Hoffmann's "Catálogo sistemático y zoogeográfico de los lepidópteros mexicanos." Part 1. Hesperidae (Lepidoptera: Rhopalocera). *Tokurana* 1: 23-139 (17 January) [general]  
1982. Studies on the Mexican butterflies (2). Notes on the Mexican skippers (Hesperiidae [sic]). *Tokurana* 4: 23-56, 8 pls. (30 September) [general]
1983. The revision of classification on the genera of Papilionidae in the world (preliminary report). Part I: With description of a new genus. *Tokurana* 5: 1-75, pls. 1-11 (7 June) [general]  
1985a. On two species of very rare butterfly from Central and South America. *Tokurana Special* 1: 25-29, pl. 3 (27 February) [*Anetia jaegeri* (Ménétriés), *Catasticta rosea* Joicey & Rosenberg; República Dominicana, Peru]  
1985b. Descriptions of four new butterflies on Amathusiidae, Nymphalidae and Papilionidae (Lepidoptera). *Tokurana* 10(2): 1-17, 39 figs. (14 December) [*Papilio torquatus atsukoa*, *P. t. aberration leo*, *Anaea (Memphis) intermedia mineae*; Bahamas, El Salvador, Peru]  
1986. Descriptions of two new Neotropical butterflies (Lep.: Rhopalocera), with the list of the Neotropical transparent winged Satyridae. *Tokurana* 12(1): 1-10, 4 pls. (7 November) [*Cithaerias gilmouri*, *Papilio homerus aberration takano*]  
1987. The check list of libytheid butterflies in the world with some bibliographical observations. *Tokurana* 13(1): 1-12 (21 September) [general]  
1989. [Notes]. *Tokurana. Extra* 1: [1]-[8], 8 figs. (24 January) [*Hypsochila argyrodice* (Staudinger)]  
1994a. Butterflies (overseas). *Gekkan-Mushi* 277: 19-24 (March) [*Agrias*]  
1994b. Some notes on the genus *Agrias*, with descriptions of four new butterflies. *Tokurana* 21: 1-6, 8 figs. (19 July) [*A. excelsior kiichirooi*, *A. e. komachiae*, *A. phalcidon fournierae* aberration *pseudonigrans*, *A. narcissus obidonus* aberration *yoirotateha*; Brazil]  
1997. On the first place of naming of *Callithea lepreuri* [sic] (Lep. Nymphalidae). *Tokurana* 23: 7-8 (24 September)  
1999. Annual review of Entomology for 1998 in particular insect groups. Butterflies (overseas). *Gekkan-Mushi* 339: 13-25, 6 figs. (May) [In Japanese] [general]
- Okano, Masao, and Jyozaburo Okura**  
1985. [*Morpho butterflies of the world*]. Tokyo, New Science Company (Green Books Series 129). 66 pp., 18 pls., 4 figs. [In Japanese] [general; Central and South America]
- Okazaki, Toshiya**  
2013. See Miyako, E. et al., 2013.
- Oken, Ludwig Lorenz [1779-1851]**  
1815. *Lehrbuch der Naturgeschichte. Dritter Theil. Zoologie. Mit vierzig Kupfertafeln. Erste Abtheilung. Fleischlose Thiere*. Jena, August Schmid und Comp. [5] + xxviii + 850 + xviii pp.; *Atlas*: iv pp., 40 pls. [rejected for nomenclatural purposes; ICZN, *Opinion* 417, 1956] [general; host plants; larvae, pupae, imagines; ecology]  
1836. *Allgemeine Naturgeschichte für alle Stände*. Stuttgart, Hoffmann. 5(3): [i] + 1052-1846 pp. [general; host plants; larvae, pupae, imagines; ecology]  
1843. *Abbildungen zu Okens Allgemeiner Naturgeschichte*. Stuttgart, Hoffmann. 164 pls. + explanatory text. [general]
- Oki, Yumi**  
2008. See Ambrósio, S. R. et al., 2008.
- Okumoto, Daisaburo [1944- ]**  
2001. See Murata, Y. & D. Okumoto, 2001.
- Okumoto, Daisaburo, Hitoshi Hasegawa and Masayasu Konishi**  
1987. [*The butterflies in art*], pp. 59-67, figs. In: Igarashi, S. (Ed.), *Butterflies. Papillons*. Tokyo. [In Japanese] [general]
- Okura, Jyozaburo**  
1985. See Okano, M. & J. Okura, 1985.
- Olalquiaga, Gabriel [1915-2003]**  
1952. Notas entomológicas. *Agricultura técnica* (Santiago de

- Chile 12(2): 106-107 (after 7 October) [general; host plants; Chile]
1955. Situación de las plagas de insectos en Chile. *Boletín fitosanitario de la FAO* 3(5): 65-70 (February) [*Leptotes, Hylephila*; host plants]
1965. Identificaciones entomológicas. *Agricultura técnica* (Santiago de Chile) 23/24: 81-84. [*Leptotes trigemmatum* (Butler); host plant; Chile]
- Olarte, Camilo Andrés**  
2018. See Acevedo, A. A. et al., 2018.
- Olarte, Camilo Andrés, Aldemar Alberto Acevedo, Indiana (= Jeisson) Cristóbal Ríos and Diego Armando Carrero**  
[2017]. Diversidad de mariposas (Lepidoptera, Papilionoidea) y su relación con el paisaje de alta montaña en los Andes nororientales de Colombia. *Arxius de Miscel-lània zoològica* 14: 233-255, 7 figs., 2 tabs. ("2016", [19 January 2017]) [general]
- Olarte, Camilo Andrés, Oscar Javier Mahecha and Diego Armando Carrero**  
2013. Estructura de la comunidad de mariposas (Papilionoidea y Hesperioidea) en un gradiente altitudinal del páramo de Tierra Negra, Norte de Santander, Colombia. *Entomotropica* 28(2): 140 (August) [abstract]
- Olave, Francisco**  
1964a. See Simón, J. E. et al., 1964a.  
1964b. See Simón, J. E. et al., 1964b.
- Olaya, Ernesto**  
1979. See Maza, R. G. de la & E. Olaya, 1979.
- Olazábal, Oscar**  
2005. See Franco, J. F. et al., 2005.
- Olckers, Terry, Julio César Medal and Daniel E. Gandolfo**  
2002. Insect herbivores associated with species of *Solanum* (Solanaceae) in northeastern Argentina and southeastern Paraguay, with reference to biological control of weeds in South America and the United States of America. *Florida Entomologist* 85(1): 254-260, 3 tabs. (15 April) [*Mechanitis lysimnia* (Fabricius); host plant]
- Oleas, Abraham, Gabriel Jijón and J. Silva**  
1990. Enfermedades y plagas de la naranjilla (*Solanum quitoense* Lam.). *Sanidad vegetal* (Quito) 5: 116-132 (November) [*Mechanitis* sp.; Ecuador]
- Olesen, Jens M.**  
1998. See Knudsen, H. & J. M. Olesen, [1998].  
2013. See Traveset, A. et al., 2013.
- Olguín, Angel**  
2013. See Urzúa, A. et al., 2013.
- Oliva, Adriana**  
1997. La protección de los invertebrados. *Ciencia Hoy* (Buenos Aires) 7(37): 34-39, 7 figs. [general; conservation; Argentina]
- Oliva, Edelquis**  
2012. See Núñez, R. et al., 2012.
- Oliva, Héctor**  
2011. See Ramos, J. et al., 2011.
- Olivares, Hugo Edgardo, and Gabriel Omar Tapias**  
[2010]. Estudios preliminares de mariposas diurnas (Lepidoptera: Rhopalocera) en el Jardín Botánico del Táchira, Parque Natural Paramillo, Estado Táchira, Venezuela. *Entomotropica* 22(3): 185-189, 1 tab. ("December 2007"; [2010]) [general]
- Olivares, Javier, Desirée Guzmán and Martha Caballero**  
1999. Biología y comportamiento de *Dione moneta poeyii* en cautiverio (Butler, 1873). Nymphalidae: Heliconiinae. *Revista de la Sociedad mexicana de Lepidopterología* [17](1): 21-35, 7 figs., 5 tabs. (July) [egg, larva, pupa, imago; host plant; Mexico]
- Olivares, Tania Sonia, and Mónica E. Hormazábal**  
1998. Redescrición del adulto, larva, pupa farata y algunos aspectos biológicos de *Tatochila autodice blanchardi* [sic] Butler (Lepidoptera: Pieridae). *Revista chilena de Entomología* 25: 5-9, 19 figs. (December) [host plant; Chile]
- Oliveira, Adalgisa Acioli de, and Rezula Bonfim Virgínio**  
1969. Subsídios para o levantamento de pragas de plantas frutíferas do Estado do Ceará. *Resumos da II Reunião anual. Sociedade brasileira de Entomologia* (Recife), pp. 73-75 (December) [general; host plants; Brazil]
- Oliveira, Alda Maria de, R. G. Coelho, S. Sudo, Nilton Rocha Leal and M. T. Liberal**  
1982. Incidência de *Thecla jebus* Godart, 1819 (Lepidoptera: Lycaenidae) em cultivos de feijão-de-vagem, no município de Itaguaí, Estado do Rio de Janeiro. *Anais da Sociedade entomológica do Brasil* 11(1): 163-166. [life history; Brazil]
- Oliveira, Alexandre Kannebley de**  
2012. See Cunha, S. B. Z. de & A. K. de Oliveira, 2012.
- Oliveira, Andréa Aparecida Paiva de**  
2012. See Soares, G. R. et al., 2012.
- Oliveira, Bernadete Lucas de, and Danúncia Urban**  
1977. Contribuição ao conhecimento da biologia de *Papilio anchisiades capys* (Hübner, 1809) (Lepidoptera-Papilionidae). *Dusenía* (Curitiba) 10(2): 89-95, 6 figs. (25 September) [egg, larva, pupa; behavior; host plant; Brazil]
- Oliveira, Carlos Humberto Pereira de**  
2003. See Lagos, A. R. et al., 2003.
- Oliveira, Daisy Lara de, and Aldo Mellender de Araújo**  
1992. Studies on the genetics and ecology of *Heliconius erato* (Lepidoptera; Nymphalidae). IV. Effective size and variability of the red raylets in natural populations. *Revista brasileira de Genética* 15(4): 789-799, 1 fig., 6 tabs. [Brazil]
- Oliveira, Eddy José Francisco de**  
2016. See Ferreira, C. P. dos S. et al., 2016.
- Oliveira, Éder Luis Azevedo**  
2007. See Lemos, W. de P. et al., 2007.
- Oliveira, Edilson Bassoli de**  
1977. See Panizzi, A. R. et al., 1977.  
1981. See Gazzoni, D. et al., 1981.
- Oliveira, Elna Mugrabi**  
1996. See Moreira, G. R. P. et al., 1996.
- Oliveira, Elna Mugrabi, and Gilson Rudinei Pires Moreira**  
1997a. Conspecific mimics and low host plant availability reduce egg laying by *Heliconius erato phyllis* (Fabricius) (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 13(4): 929-937, 4 figs. (16 July) [Brazil]  
1997b. Size of and damage on shoots of *Passiflora suberosa* (Passifloraceae) influence oviposition site selection of *Heliconius erato phyllis* (Fabricius) (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 13(4): 939-953, 7 figs. (16 July) [Brazil]
- Oliveira, Emerson Durski Machado de**  
2003a. See Justus, M. C. et al., 2003.  
2003b. See Pereira, T. et al., 2003.
- Oliveira, Evandro Gama de [1958- ]**  
1986. Orientação de vôo de lepidópteros migratórios na região de Carajás, Pará. *Resumos XIII Congresso brasileiro de Zoologia* (Cuiabá), p. 74. [general; Brazil]  
1996. See Srygley, R. B. et al., 1996.  
2001a. See Srygley, R. B. & E. G. Oliveira, 2001a.  
2001b. See Srygley, R. B. & E. G. Oliveira, 2001b.  
2006. See Srygley, R. B. et al., 2006.  
2010a. See Srygley, R. B. et al., 2010.  
2010b. See Silva, A. R. M. et al., 2010.

2014. See Srygley, R. B. et al., 2014.
- Oliveira, Evandro Gama de, Woodruff Whitman Benson, L. F. Aguilar, J. L. V. Arruda, Keith Spalding Brown, Jr., M. Marino and C. Zamprogo**  
1985. Composição, direcionalidade e velocidade de vôos migratórios de lepidópteros diurnos na região de Carajás, Pará. *Resumos XII Congresso brasileiro de Zoologia* (Campinas), p. 148. [general; Brazil]
- Oliveira, Evandro Gama de, Robert Baxter Srygley and Robert Dudley**  
1998. Do Neotropical migrant butterflies navigate using a solar compass? *Journal of experimental Biology* 201(24): 3317-3331, 9 figs., 2 tabs. (15 December) [*Aphrissa statira* (Cramer), *Phoebis argante* (Fabricius); Panama]
- Oliveira, Fábio Luiz de**  
2015. See Silva, D. M. N. et al., 2015.
- Oliveira, Harley Nonato de, José Cola Zanuncio, Dirceu Pratissoli and Ivan Cruz**  
2000. Parasitism rate and viability of *Trichogramma maxacalii* (Hym.: Trichogrammatidae) parasitoid of the *Eucalyptus* [sic] defoliator *Euselasia apison* [sic] (Lep.: Riodinidae), on eggs of *Anagasta kuehniella* (Lep.: Pyralidae). *Forest Ecology and Management* 130(1/3): 1-6, 1 fig., 1 tab. [host plant; Brazil]
- Oliveira, Harley Nonato de, José Cola Zanuncio, Dirceu Pratissoli and Marcelo Coutinho Picanço**  
2003. Biological characteristics of *Trichogramma maxacalii* (Hymenoptera: Trichogrammatidae) on eggs of *Anagasta kuehniella* (Lepidoptera: Pyralidae). *Brazilian Journal of Biology* 63(4): 647-653, 2 figs., 3 tabs. (30 November) [*Euselasia apisaon* (Dalman); host plant; parasitoid; Brazil]
- Oliveira, Heraldo Negri de**  
2003. See Parra, J. R. P. et al., 2003.
- Oliveira, Isabela Freitas de**  
2018. See Pires, A. C. V. et al., 2018.
- Oliveira, Isabela Freitas de, Marília Bruzzi Lion and Márcio Zikán Cardoso**  
2018. A plaza too far: High contrast in butterfly biodiversity patterns between plazas and an urban reserve in Brazil. *Landscape and Urban Planning* 180: 207-216, 7 figs., 3 tabs. (December) [general; Brazil]
- Oliveira, Ivênio Rubens de**  
1998. See Picanço, M. C. et al., 1998.  
2010. See Picanço, M. C. et al., 2010.
- Oliveira, Jaqueline Lopes de**  
2010. See Santos, S. B. dos et al., 2010.
- Oliveira, João Batista Ferreira de**  
2003. See Raimundo, R. L. G. et al., 2003.
- Oliveira, João Carlos**  
1999a. See Boiça Junior, A. L. et al., 1999a.  
1999b. See Boiça Junior, A. L. et al., 1999b.  
2008. See Boiça Júnior, A. L. et al., 2008.
- Oliveira, José Vargas de**  
1995. See Lübeck, G. M. et al., 1995.
- Oliveira, Larissa Rosa de**  
1998. See Graciolli, G. et al., 1998.
- Oliveira, Lenita Jacob**  
1996. Comportamento da borboleta *Eurema elathea* (Cramer) (Pieridae: Coliadinae). *Anais da Sociedade entomológica do Brasil* 25(3): 401-409, 3 figs., 3 tabs. (December) [Brazil]
- Oliveira, Lucas Boeni de**  
2018. See Santos, E. R. dos et al., 2018.
- Oliveira, M. F. de**  
1995. See Varela-Freire, A. A. et al., 1995.
- Oliveira, Maria Ester Santiago de**  
1979. See Bastos, J. A. M. & M. E. S. de Oliveira, 1979.
- Oliveira, Marina Vasconcelos de, José Roberto Trigo and Daniela Rodrigues**  
2015. Southern monarchs do not develop learned preferences for flowers with pyrrolizidine alkaloids. *Journal of chemical Ecology* 41(7): 662-669, 3 figs., 3 tabs. (July; published online 3 July) [*Danaus erippus* (Cramer); host plant; Brazil]
- Oliveira, Marina Vicente de**  
2015. See Silva, A. R. M. et al., 2015.
- Oliveira, Nathalia Prado**  
2011. See Silva, P. L. da et al., 2011.
- Oliveira, P.**  
2016. See Oliveira-Neto, J. F. de et al., 2016.
- Oliveira, Paulo Eugênio**  
1997. See Arista, M. et al., 1997.  
2002. See Castro, C. C. de & P. E. Oliveira, 2002.  
2006. See Bush, M. B. & P. E. Oliveira, 2006.  
2010. See Maruyama, P. K. et al., 2010.
- Oliveira, Paulo Eugênio, and Peter Edward Gibbs**  
1994. Pollination biology and breeding systems of six *Vochysia* species (Vochysiaceae) in Central Brazil. *Journal of tropical Ecology* 10(4): 509-522, 6 figs., 2 tabs. (November) [*Phoebis sennae sennae* (Linnaeus), *Pyrrhopyge charybdis* Westwood]  
2002. *Pollination and reproductive biology in cerrado plant communities*, pp. 329-347, 3 figs., 3 tabs. In: Oliveira, P. S. & R. J. Marquis (Eds.), *The cerrados of Brazil. Ecology and natural history of a neotropical savanna*. New York, Columbia University Press. [general]
- Oliveira, Paulo Sérgio**  
1994. See Freitas, A. V. L. & P. S. Oliveira, 1994.  
1996. See Freitas, A. V. L. & P. S. Oliveira, 1996.  
1997. The ecological function of extrafloral nectaries: herbivore deterrence by visiting ants and reproductive output in *Caryocar brasiliense* (Caryocaraceae). *Functional Ecology* 11(3): 323-330, 1 fig., 4 tabs. (June) [*Eunica bechina magnipunctata* Talbot; host plant; Brazil]  
2006. See Dutra, H. de P. et al., 2006.  
2009a. See Kaminski, L. A. et al., 2009b.  
2009b. See Sendoya, S. F. et al., 2009.  
2010a. See Rodrigues, D. et al., 2010a.  
2010b. See Kaminski, L. A. et al., 2010b.  
2012a. See Bächtold, A. et al., 2012.  
2012b. See Moraes, A. R. de et al., 2012.  
2012c. See Muniz, D. G. et al., 2012.  
2016. See Mota, L. L. e & P. S. Oliveira, 2016.  
2017a. See Bächtold, A. et al., 2017.  
2017b. See Sendoya, S. F. & P. S. Oliveira, 2017.
- Oliveira, Paulo Sérgio, and Kleber Del-Claro**  
2005. *Multitrophic interactions in a neotropical savanna: ant-hemipteran systems, associated insect herbivores and a host plant*, pp. 414-438, 9 figs. In: Burslem, D. F. R. P., M. A. Pinard & S. E. Hartley (Eds.), *Biotic interactions in the tropics: Their role in the maintenance of species diversity*. Cambridge, Cambridge University Press. [*Panhiades polibetes* (Stoll); host plant; Brazil]
- Oliveira, Paulo Sérgio, and André Victor Lucci Freitas**  
1992. Hostplant record for *Eunica bechina magnipunctata* (Nymphalidae) and observations on oviposition sites and immature biology. *Journal of Research on the Lepidoptera* 30(1/2): 140-141 (1 December) [Brazil]  
2004. Ant-plant-herbivore interactions in the neotropical cerrado savanna. *Naturwissenschaften* 91(12): 557-570, 4 figs., 3 tabs. (December; published online 13 November) [*Eunica*

- bechina* (Hewitson); host plant; behavior; Brazil]
- Oliveira, Paulo Sérgio, André Victor Lucci Freitas and Kleber Del-Claro**
2002. *Ant foraging on plant foliage: Contrasting effects on the behavioral ecology of insect herbivores*, pp. 287-305, 6 figs. In: Oliveira, P. S. & R. J. Marquis (Eds.), *The cerrados of Brazil. Ecology and natural history of a neotropical savanna*. New York, Columbia University Press. [general]
- Oliveira, Rita**
2003. See Wahlberg, N. et al., 2003a.
- Oliveira, Robério de**
2018. See Souza, M. dos S. de et al., 2018.
- Oliveira, Taciana Almeida de, Walkymário Paulo de Lemos, Ricardo Salles Tinôco, José Carlos Barbosa and Ivan Carlos Fernandes Martins**
2018. Validation of the sampling methodology for *Opsiphanes invirae* caterpillars on oil palm plantations in the Brazilian Amazon. *Ciência rural* (Santa Maria) 48(7)(e20170742): 1-4, 1 fig., 2 tabs. (July) [host plant]
- Oliveira, Victor Hugo Fonseca**
2008. See Neves, F. de S. et al., 2008.
- Oliveira Júnior, José Carlos de**
2009. See Faria, D. C. de et al., 2009.
- Oliveira-Neto, José Francisco de**
2015. See Dias, F. M. S. et al., 2015c.
- Oliveira-Neto, José Francisco de, Fernando Maia Silva Dias, Emerson Luis Pawoski, P. Oliveira, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
2016. Immature stages of six species of *Adelpha* Hübner (Lepidoptera: Nymphalidae: Limenitidinae) from Southern Brazil coastal forests. *Neotropical Entomology* 45(5): 524-536, 91 figs., 3 tabs. (October; published online 2 June) [general; host plants]
- Oliver, Carlos Francisco** [1899-1949]
1924. [Distribución geográfica del lepidóptero *Argyrophorus argenteus*]. *Revista chilena de Historia natural* 28: 206 (after 26 December) [Chile]
- 1926a. Notas entomológicas. *Revista chilena de Historia natural* 30: 198-201 (after 20 December) [also published as an unpagged reprint, Concepción, Museo de Concepción. [5] pp., 1926] [general; *Eroessa chilensis* Guérin; host plants; Chile]
- 1926b. *Contribución a la zoogeografía chilena. III. Distribución geográfica del Argyrophorus argenteus, Blanch.* Concepción, Museo de Concepción. [8] pp.
- Oliver, Celia**
2014. See Pozos, L. F. et al., 2014.
- Oliver, Charles G.**
1982. Experimental hybridization between *Phyciodes tharos* and *P. phaon* (Nymphalidae). *Journal of the Lepidopterists' Society* 36(2): 121-131, 2 figs., 4 tabs. (24 September) [Mexico, Central America]
- Oliver, Jeffrey C.**
2013. See Tokita, C. K. et al., 2013.
- Oliver, Jeffrey C., Xiao-Ling Tong, Lawrence Frederick Gall, William H. Piel and Antônia Monteiro**
2012. A single origin for nymphalid butterfly eyespots followed by widespread loss of associated gene expression. *PLoS Genetics* 8(8)(e1002893): 1-7, 3 figs. (16 August) [general]
- Oliverio, Marco** [1964- ]
1993. See Racheli, T. & M. Oliverio, 1993.
- Oliveros-Bastidas, Alberto**
2006. See Alonso, M. E. et al., 2006.
- Olivier, Guillaume Antoine** [1756-1814]
1792. Catalogue des insectes envoyés de Cayenne, a la Société d'Histoire Naturelle de Paris, par M. Le Blond. *Actes de la Société d'Histoire naturelle de Paris* 1(1): 120-125. [general]
- Olliff, Arthur Sydney** [1865-1895]
1881. [A note]. *Proceedings of the entomological Society of London* 1881(4): xxviii (22 December) [*Papilio americanus* Kollar]
- Olmisani, Luca**
1998. See Racheli, T. & L. Olmisani, 1998.
- Olson, Eric**
2007. See Potyrailo, R. A. et al., 2007.
- O'Malley, Rachel**
2005. See Dyer, L. A. et al., 2005.
- Omoto, Keiichi**
1959. See Yagi, N. & K. Omoto, 1959.
1967. [My dream butterflies (that I want to collect)] [In Japanese]. *Yadoriga* 50: 16-18, 4 figs. (1 September) [*Colias (Protocolias) imperialis* Butler; Chile]
- O'Neill, Rachel J.**
2006. See Kronforst, M. R. et al., 2006b.
- Ongeri, Fiona**
2012. See Dasmahapatra, K. K. et al., 2012.
- Onghero-Júnior, Osvaldo**
2018. See Favretto, M. A. et al., 2018.
- Onody, Helena Caroline**
2009. See Costa, F. de M. et al., 2009.
- Onore, Giovanni** [1941- ]
1986. Entomofauna asociada a la palma africana (*Elaeis guineensis*). *Sanidad vegetal* (Quito) 1(1): 111-116, 2 figs. [Hesperiidae; Ecuador]
- 1989a. See Gara, R. I. & G. Onore, 1989.
- 1989b. See Arregui, T. & G. Onore, 1989.
2001. See Bollino, M. & G. Onore, 2001.
1997. A brief note on edible insects in Ecuador. *Ecology of Food and Nutrition* 36(2/4): 277-285 [*Brassolis astyra* (Godart), *B. sophorae* (Linnaeus); Ecuador]
2005. *Edible insects in Ecuador*, pp. 343-352, 2 figs., 2 tabs. In: Paoletti, M. G. (Ed.), *Ecological implications of minilivestock. Potential of insects, rodents, frogs and snails*. Enfield, Science Publishers, Inc. [general]
- 2008a. See Häuser, C. L. et al., 2008.
- 2008b. See Fiedler, K. et al., 2008.
- 2009a. See Barragán, A. R. et al., 2009.
- 2009b. See Dangles, O. et al., 2009.
- Onore, Giovanni, and Varsovia Cevallos**
1998. Massive movement of *Panoquina sylvicola* in southern Ecuador (Lepidoptera: Hesperidae). *Tropical Lepidoptera* 9(1): 28 ("20" [24] August)
- Onore, Giovanni, and Olaf Hermann Hendrik Mielke**
1988. *Calpodes ethlius* (Cramer) (Lepidoptera, Hesperidae) em Galápagos. *Revista brasileira de Zoologia* 5(4): 619-620, 1 fig. (30 November)
- Onslow, Victor Alexander Herbert Huia** [1890-1922]
1921. On a periodic structure in many insect scales, and the cause of their iridescent colours. *Philosophical Transactions of the royal Society of London* (B) 211(382): 1-74, pls. 1-3 (25 July) [general]
- Oñate, Leonor**
1997. See Llorente, J. E. et al., 1997.
2000. See Soberón, J. et al., 2000.
- Oñate, Leonor, and Jorge Enrique Llorente**
2010. El uso de bases de datos curatoriales para reconstruir la historia del conocimiento taxonómico: un ejemplo con papilionidas y píeridas mexicanas (Insecta: Lepidoptera). *Revista mexicana de Biodiversidad* 81(2): 343-362, 4



- figs., 2 tabs. (August) [general]
- Oñate, Leonor, Jorge Enrique Llorente and Jorge A. Meave**  
2005. *Ideas para un índice de amplitud biogeográfica*, pp. 189-202, 10 figs., 5 tabs. In: Llorente, J. E. & J. J. Morrone (Eds.), *Regionalización biogeográfica en Iberoamérica y tópicos afines. Primeras Jornadas Biogeográficas de la Red Iberoamericana de Biogeografía y Entomología Sistemática (RIBES XII.I-CYTED)*. México, D.F., Universidad Nacional Autónoma de México (April) [Papilionidae, Pieridae; México]
- Oñate, Leonor, Juan José Morrone and Jorge Enrique Llorente**  
2000. Una evaluación del conocimiento y de la distribución de las Papilionidae y Pieridae mexicanas (Insecta: Lepidoptera). *Acta zoológica mexicana* (N. S.) 81: 117-132, 10 figs., 1 tab. (December) [general]
- Oñate, Leonor, Marysol Trujano, Jorge Enrique Llorente, Moisés Armando Luis and Isabel Vargas**  
2006. *Patrones de distribución de la familia Papilionidae (Lepidoptera)*, pp. 661-714, 60 figs., 5 tabs. In: Morrone, J. J. & J. E. Llorente (Eds.), *Componentes bióticos principales de la entomofauna mexicana*. México, Universidad Nacional Autónoma de México. (September) 2. [general]
- Opazo, Lucía**  
1987. See Herrera, J. V. et al., 1987.
- Opitz, Sebastian E. W., and Caroline Müller**  
2009. Plant chemistry and insect sequestration. *Chemoecology* 19(3): 117-154, 1 fig., 1 tab. (September; published online 8 July) [general]
- Opler, Paul Alexander** [1938- ]  
1966. A possible record for the occurrence of *Callophrys (Xamia) xamia* (Lycaenidae) in California. *Journal of the Lepidopterists' Society* 20(4): 212 (30 November) [host plants; México]  
[1967]a. Studies on the Nearctic *Euchloe*. Part 1. Introduction. Part 2. Chronological review of the literature and bibliography. *Journal of Research on the Lepidoptera* 5(1): 39-50 ("March 1966", [before 5 April 1967]) [general; México]  
1967b. New host plant records for *Anthocaris* (Pieridae). *Journal of the Lepidopterists' Society* 21(3): 212 (21 August) [México]  
[1967]c. Studies on the Nearctic *Euchloe*. Part 3. Complete synonymical treatment. Part 4. Type data and type locality restrictions. *Journal of Research on the Lepidoptera* 5(3): 185-195 ("September 1966", [September 1967]) [general; México]  
[1970]. Studies on Nearctic *Euchloe*. Part 5. Distribution. *Journal of Research on the Lepidoptera* 7(2): 65-86, 4 figs. ("June 1968", [before 25 February 1970]) [general; ecology; México]  
[1971]. Studies on Nearctic *Euchloe*. Part 6. Systematics of adults. *Journal of Research on the Lepidoptera* 8(4): 153-168, 4 figs., 1 tab. ("1970", [before 14 January 1971]) [general; México]  
1973. Lepidoptera in Costa Rica. *News of the Lepidopterists' Society* 1973(4): 6 (15 July) [general]  
1980. 1979 season summary. Zone 10: South America, Caribbean Islands. *News of the Lepidopterists' Society* 1980(2): 27 (March-April) [general; Brazil, Peru, Virgin Islands]  
1981. See Pyle, R. M. et al., 1981.  
1983a. *Nectar production in a tropical ecosystem*, pp. 30-79, 30 figs., 11 tabs. In: Bentley, B. & T. Elias (Eds.), *The Biology of Nectaries*. New York, Columbia University Press. [general; pollinators; Costa Rica]  
1983b. See Baker, H. G. et al., 1983.  
1987. A new *Euchloe* (Pieridae) from northwestern Mexico. *Journal of the Lepidopterists' Society* 40(3): 188-190, 3 figs. (23 January) [*E. guaymasensis*]  
[1989]a. The Butterflies of North America - A natural history and field guide. Scott, James A. *Journal of Research on the Lepidoptera* 26(1/4): 267-270 ("15 November 1988", [2 March 1989]) [book review]  
1989b. See Austin, G. T. & P. A. Opler, 1989.  
1989c. *Ecological and behavioral aspects of seasonal diphenism in Eurema daira (Pieridae, Lepidoptera)*, pp. 515-533, 10 figs., 6 tabs. In: Bock, J. H. & Y. B. Linhart (Eds.), *The evolutionary ecology of plants*. Boulder, Westview Press [Costa Rica]  
[1990]a. *Zone IX: Neotropics (Mexico)*, p. 45. In: Opler, P. A. & J. W. Brown (Eds.), *Fourth of July Butterfly Counts. 1988 Report*. Portland, Xerces Society [general]  
1990b. See Brown, J. W. & P. A. Opler, 1990.  
1993. See Stanford, R. E. & P. A. Opler, 1993.  
1997. See Robbins, R. K. & P. A. Opler, 1997.  
1999a. A new *Chlosyne* checkerspot from northeast Mexico (Lepidoptera: Nymphalidae: Nymphalinae). *Holarctic Lepidoptera* 6(1): 23-24, 4 figs. ("30 June" [6 December]) [*C. kendallorum*]  
1999b. See Warren, A. D. & P. A. Opler, 1999.  
2000. See Burns, J. M. et al., 2000.  
2003. Fixation of type locality for *Lycaena acmon* Westwood and characterization of the species and its distribution. *The taxonomic Report of the international Lepidoptera Survey* 4(1): 1-6, 5 figs. (1 March) [México]  
2005. Post-'05 meeting Mexico trip. *News of the Lepidopterists' Society* 47(3): 94-95 (1 October) [general]  
2008. Designation of lectotype and synonymy for *Euchloe lotta* Beutenmüller (Lepidoptera: Pieridae). *Zootaxa* 1767: 67-68, 2 figs. (12 May) [México]  
2011. See Back, W. et al., 2011.  
2015. See Proshok, B. et al., 2015.  
2017. See Cong, Q. et al., 2017.  
2019. See Zhang, J. et al., 2019d.
- Opler, Paul Alexander, Herbert George Baker and Gordon W. Frankie**  
1975. Reproductive biology of some Costa Rican *Cordia* species (Boraginaceae). *Biotropica* 7(4): 234-247, 5 figs., 6 tabs. (December) [general; pollinators]
- Opler, Paul Alexander, and George O. Krizek**  
1984. *Butterflies East of the Great Plains. An illustrated natural history*. Baltimore and London, The Johns Hopkins University Press. xvii + 294 pp., 54 pls., 38 figs., 11 tabs. [general; Neotropics]
- Opler, Paul Alexander, and Vichai Malikul**  
1992. *A field guide to Eastern butterflies*. Boston, Houghton Mifflin Company. xix + 396 pp., 48 pls., 7 figs., maps. [general]
- Opler, Paul Alexander, and Jerry Alan Powell**  
1962. Taxonomic and distributional studies of the Western components of the *Apodemia mormo* complex (Riodinidae). *Journal of the Lepidopterists' Society* 15(3): 145-171, 1 pl., 2 maps (21 March) [general; new subspecies: *A. m. tuolumnensis*, *A. m. dialeuca*; ecology; México]  
[1984]. *Butterfly counts 1982 + 1983*. Los Angeles, Xerces Society. 46 pp., 4 tabs., 1 map. [general; México]  
1987. Fourth of July butterfly counts. 1986 report. *Atala* 15(suppl.): 1-30, 1 tab. [general; México]
- Opler, Paul Alexander, and Andrew David Warren**  
2002. *Butterflies of North America. 2. Scientific names list for butterfly species of North America, north of Mexico*. Fort Collins, Colorado State University, C. P. Gillette Museum of Arthropod Diversity. [2] + 79 pp., (5 November)

[general; taxonomy; nomenclature; Neotropics]

**Oram, David A.**

1992. The Falkland Islands - An entomological snapshot [sic]. *Entomologist's Record and Journal of Variation* 104(5/6): 129-134, 2 figs. (15 May) [*Jssoria cytheris* (Drury), *Cynthia carye* (Hübner)]
2005. The highest flying butterfly in the world? *Bulletin of the amateur Entomologist's Association* 64(460): 84-85 (June) [*Piercolias huanaco* (Staudinger); Bolivia]

**Orchard, C. David**

1940. See Thompson, S. C. et al., 1940.
1941. See Thompson, S. C. et al., 1941.

**Ordano, Mariano Andrés**

2011. See Benítez, S. et al., 2011.

**Ordenes, Rodrigo**

2019. See Benítez, H. A. et al., 2019.

**Ordish, George**

1975. *The year of the butterfly*. New York, Charles Scribner's Sons. xii + 147 pp., figs. [*Danaus plexippus* (Linnaeus); ecology; Mexico]

**Orduña, Francisco**

1982. Silencio! Mariposas descansando. *Boletín informativo. Sociedad mexicana de Lepidopterología* 8(1): 11-16 (January-March) [*Danaus plexippus* (Linnaeus); Mexico]

**O'Reilly, Bernard**

1813. *Catalogue of the Subjects of Natural History, in the Museum of the Right Hon. and Hon. The Dublin Society, systematically arranged; also of the Antiquities, &c. Dublin, Graisberry and Campbell*. 131 pp. [general]

**Orellana, Alfonso**

2010. See Whaley, O. et al., 2010.

**Orellana, Andrés Miguel** [1972- ]

1996. Nueva subespecie de *Adelpha justina* Felder & Felder 1861, (Lepidoptera: Nymphalidae: Limenitidinae) en Venezuela. *Zoocriaderos* 1(2): 21-24, 2 figs. (30 August) [*A. j. inesae*]
1997. Biology of the butterfly *Marpesia zerynthia* Hübner 1823 (Lepidoptera: Nymphalidae) in Andean Venezuela. *Zoocriaderos* 2(1): 21-28, 5 figs., 1 tab. (30 April) [egg, larva, pupa, imago; host plant; behavior]
1999. Mariposas papilionidas y el Libro Rojo de la Fauna Venezolana. *Natura* (Caracas) 115: 54-61, figs. [general; host plants; behavior; distribution; Venezuela, Panama]
- 2000a. Una nueva subespecie de la mariposa *Prepona praeneste* Hew del área limítrofe venezolana con Colombia (Lepidoptera: Nymphalidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 4: 92-97, 4 figs. (May) [*P. p. isabelae*]
- 2000b. See Fullard, J. H. et al., 2000.
- 2000c. Adiciones, rectificaciones y actualizaciones a "Mariposas de Venezuela" por Théophile Raymond. Introducción, Charaxinae y Brassolinae (Lepidoptera: Nymphalidae). *Boletín de Entomología venezolana* (N.S.) 15(2): 255-258 (December) [general]
- 2002a. See Costa, M. & A. M. Orellana, 2002.
- 2002b. Cripticismo y mimetismo. Dos formas de "pintarse" de colores de algunas mariposas. *Natura* (Caracas) 119: 10-16, figs. [general; Venezuela]
- 2004a. Descripción y notas taxonómicas sobre *Antirrhoea* Hübner (Lepidoptera: Nymphalidae: Morphinae: Antirrhoini). *Entomotropica* 19(1): 21-29, 6 figs. (April) [new taxa: *A. porphyrosticta phrynisca*, *A. lumejia*; larva; host plant; Venezuela]
- 2004b. *Mariposas de los páramos de la Sierra Nevada y Sierra de La Culata (Cordillera de Mérida, Venezuela)*, pp. 5/57-5/71. In: Andressen, R. & M. Monasterio (Eds.), *Los*

*páramos andinos: Los desafíos en el siglo XXI. Memorias del IV Simposio Internacional de Desarrollo Sustentable en los Andes*. Mérida, Universidad de Los Andes. [general; taxonomy; ecology; behavior; host plants; distribution]

- [2007]a. A remarkable new subspecies of *Heliconius* Kluk from northeastern Venezuela (Lepidoptera, Nymphalidae). *Revista peruana de Entomología* 45: 71-74, 1 fig. ("27 December 2006" [14 February 2007]) [*H. burneyi mirtarosa*]
- 2007b. Notes on the genus *Memphis*: Hitherto unknown females, new records from Venezuela and comments on *M. wellingi* (Lepidoptera: Nymphalidae: Charaxinae). *Tropical Lepidoptera* 17(1/2): 9-13, 8 figs. (20 December) [general; Mexico]
2008. See González, J. M. et al., 2008.
2009. Description of a new tropical subspecies of the black swallowtail butterfly, *Papilio polyxenes* (Lepidoptera: Papilionidae) from Venezuela. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 92-101, 4 figs. (after 10 July) [*P. p. costarum*; life history; host plant]
- [2010]a. Pyrrhopyginae de Venezuela (Lepidoptera: Hesperioidea: Hesperidae). *Entomotropica* 23(3): 177-291, 244 figs. ("August 2008"; [2010]) [general; new taxa: *Pyrrhopyge evansi borburata*, *P. thericles raymondi*, *P. caribe*, *P. caribe camacho*, *P. erazoae*, *Yanguna cometes angeli*, *Jemadia demarmelsi*, *J. menechmus desousai*, *J. ortizi*, *Amenis pionia sandra*, *A. rogeri*]
- 2010b. See Vilorio, Á. L. et al., 2010.
- [2014]a. See Costa, M. et al., [2014]a.
- 2014b. See Costa, M. et al., 2014b.
- 2014c. See González, J. M. & A. M. Orellana, 2014.
2019. See Costa, M. et al., 2019a.
- Orellana, Andrés Miguel, Andrés E. Chacón and Gustavo Perruolo**
2013. Especies de Eudaminae (Lepidoptera, Hesperidae) nuevas o poco conocidas para Venezuela. *Entomotropica* 28(2): 143 (August) [abstract]
- Orellana, Andrés Miguel, and María C. Erazo**
2001. Lepidópteros diurnos (Castnioidea, Papilionoidea, Hesperioidea) del enclave semiárido de Caparú, Lagunillas, Estado Mérida, Venezuela. *Memoria de la Fundación La Salle de Ciencias naturales* 59(152): 121-132 (November) [general; host plants]
2002. Posible declinación poblacional de la mariposa *Papilio polyxenes americus* Kollar (Lepidoptera: Papilionidae) en el valle intra-andino de Mérida, Venezuela. *Entomotropica* 17(2): 189-190 (August) [host plant; ecology]
- Orellana, Andrés Miguel, and Jorge Manuel González**
2003. Adiciones, rectificaciones y actualizaciones a "Mariposas de Venezuela" por Théophile Raymond. III. Castniidae y Papilionidae (Lepidoptera). *Entomotropica* 18(1): 73-76 (April) [general]
- Orellana, Andrés Miguel, Andrew David Warren and Olaf Hermann Hendrik Mielke**
2002. Adiciones, rectificaciones y actualizaciones a "Mariposas de Venezuela" por Théophile Raymond. II. Hesperidae. *Entomotropica* 17(1): 107-109 (April) [general]
- Orellana, Mario Antonio**
2008. See Sermeño, J. M. et al., 2008.
- Orendain, Jorge**
2013. See Herrera, M. del C. et al., 2013.
- Orfila, Ricardo Néstor** [1909-1967]
1927. Sobre canibalismo en insectos. *Revista de la Sociedad entomológica argentina* 1(4): 65-66 (1 November) [*Pyra-*

- meis carye* Hübner, *Tatochila autodice* (Hübner); Argentina]
1931. Adición (IIª) al catálogo de los lepidópteros argentinos. *Revista de la Sociedad entomológica argentina* 3(4/5): 267-268 (31 July) [general]
1932. Emigración de lepidópteros. *Revista de la Sociedad entomológica argentina* 5(2/3): 130 (30 November) [*Precis lavinia* (Cramer); Argentina]
1944. *Índice sinónimo*, pp. 197-209. In: Bourquin, F., *Mariposas argentinas*, q.v. [general]
1945. Lepidópteros nuevos o poco conocidos. III. *Revista de la Sociedad entomológica argentina* 12(1): 473-474 (30 December) [*Prepona chromus obsoleta*, nomen nudum; Argentina]
- 1949a. Notas sistemáticas sobre "Lepidoptera Rhopalocera". *Acta zoologica Lilloana* 8: 583-586 (31 December) [new tribes: Urbanini, Pyrgini, Carterocephalini, Hesperini; new names: Hamadryini (for Ageroniidi), Coloburini (for Gynaeciini), Riodinoidea (for Erycinoidea)]
- 1949b. Nota sobre el nombre *Hamearis* Hübner. *Acta zoologica Lilloana* 8: 603-605 (31 December) [nomenclature]
- 1950a. Clasificación de Lepidoptera Rhopalocera. *Revista de la Sociedad entomológica argentina* 14(5): 263-269 (14 October) [general]
- 1950b. Las especies argentinas de *Prepona* Boisd. (Lep. Nymph.). *Revista del Instituto nacional de Investigación de las Ciencias naturales. Museo argentino de Ciencias naturales "Bernardino Rivadavia" (Ciencias zoológicas)* (Buenos Aires) 1(7): 273-321, 16 figs., 6 maps (December) [general; morphology; life histories; distribution; new subspecies: *P. (Archaeoprepona) chromus obsoleta*; Neotropics]
1951. Lepidópteros bolivianos, nuevos o poco conocidos. 1a. nota. *Folia universitaria* (Cochabamba) 5: 46-58, 11 figs., 1 map (October) [general; new taxa: *Evonyma orphise marcusii*, *Mesene juanae*]
1952. Cambios nomenclatoriales en Nymphalidae (Lep.). *Anales de la Sociedad científica argentina* 154(3): 102-104 (September) [new names: Callicorini (for Catagrammini Butler), Catonephelini (for Epicaliini Guenée); Eurytelini Doubleday]
1953. Una especie nueva de *Hamearis* (Lep. Riodin.). *Revista de la Sociedad entomológica argentina* 16(3): 80-82, 1 fig. (15 December) [*H. susanae*; Argentina]
1954. Lepidópteros de Venezuela nuevos o poco conocidos.- 1a. nota. *Boletín de Entomología venezolana* 9(1/4): 45-49, 6 figs., 1 map (14 August) [*Evonyma norica lichyi*, *E. n. norica* Hewitson, *E. n. occia* Fruhstorfer; Colombia, Peru, Bolivia]
1963. *Morpho breyeri* sp. n. (Lep. Morphidae). *Revista de la Sociedad entomológica argentina* 26(1/4): 145-147, 1 pl., 4 figs. (15 December) [Bolivia]
1964. Una plaga nueva para la Argentina: la "isoca espinosa del girasol" *Actinote pellenea pellenea* Hübner (Lep. Acraeidae). *Idia* (Buenos Aires) 196: 41-48, 8 figs., 1 map (January) [egg, larva, pupa, imago]
- 1967a. Un nuevo enemigo del eucalipto. *Hoja informativa. Instituto de Patología vegetal. INTA* 8: [1]-[2] (March) [*Phocides polybius phanias* (Burmeister); host plant; Argentina]
- 1967b. Análisis de los problemas nacionales en materia de sanidad vegetal. Plagas. *Idia* (Buenos Aires) 232: 51-55 (April) [*Colias lesbia* (Fabricius), *C. vauthierii* Guérin; host plants; Argentina]
- Orfila, Ricardo Néstor, and Nérida H. Rossi**
1957. Nuevos nombres genéricos en Lepidoptera. *Revista de la Sociedad entomológica argentina* 19(1/2): 27-29 (12 August) [*Caicella* Hemming]
- Orgallez, Oscar R.**
1990. El extraordinario museo donde las mariposas viven libremente. *Mundo* 21 1(5): 18-23, figs. [general]
- Orgogozo, Virginie** – See Courtier-Orgogozo, Virginie.
- Orivel, Jérôme, and Alain Dejean**
2000. Myrmecophily in Hesperidae. The case of *Vettius tertianus* in ant gardens. *Compte Rendu hebdomadaire des Séances de l'Académie des Sciences (Paris) (Sciences de la Vie)* 323(8): 705-715, 3 figs., 3 tabs. [life history; host plant; parasitoid; French Guiana]
- Orlandin, Elton**
2014. See Piovesan, M. et al., 2014.
2015. See Favretto, M. A. et al., 2015.
2018. See Favretto, M. A. et al., 2018.
- Orlandin, Elton, Mário Arthur Favretto, Mônica Piovesan and Emili Bortolon dos Santos**
2016. *Borboletas e mariposas de Santa Catarina. Uma introdução*. Campos Novos, Mário Arthur Favretto. 214 pp., 318 figs., 25 tabs. (published online 6 June) [general; Brazil]
- Orlando, Antônio**
1960. See Figueiredo, M. B. et al., 1960.
1965. See Giannotti, O. et al., 1965.
1966. See Suplicy, N., Filho et al., 1966.
- Ornelas, Juan Francisco**
2011. See Valois, H. et al., 2011.
2016. See Pérez-Crespo, M. J. et al., 2016.
- Ornelas, M.**
1981. La mariposa monarca. *Información científica y tecnológica* (México) 3(48): 28-32, figs. (1 July) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Oropeza, Jaime, Manuel Salvador Domínguez and Ricardo Sandoval**
2003. *Estudio de las principales familias de lepidópteros diurnos de la localidad de Xochipala, Guerrero - México, para su protección y aprovechamiento sustentable*, pp. 884-888, 1 tab. In: Romero, J., E. G. Estrada & A. Equihua (Eds.), *Entomología mexicana* 2. México, Sociedad mexicana de Entomología. [general]
- Oros-Ortega, Iván**
2019. See Lara-Pérez, L. A. et al., 2019.
- Orozco, Antonio**
2016. See Van den Berghe, E. P. et al., 2016.
- Orozco, Silvia, Sandra Bibiana Muriel and Jorge Palacio**
2009. Diversidad de lepidópteros diurnos en un área de bosque seco tropical del occidente antioqueño. *Actualidades biológicas* 31(90): 31-41, 4 figs., 2 tabs. (June) [general; Colombia]
- Orozco-Ibarrola, Octavio A., Perla S. Flores-Hernández, Elizabeth Victoriano-Romero, Angélica María Corona-López and Alejandro Flores-Palacios**
2015. Are breeding system and florivory associated with the abundance of *Tillandsia* species (Bromeliaceae)? *Botanical Journal of the Linnean Society* 177(1): 50-65, 6 figs., 4 tabs. (January; published online 26 November 2014) [*Strymon serapio* (Godman & Salvin); host plant; Mexico]
- Orozco-terWengel, Pablo A.**
2019. See Stanton, D. W. G. et al., 2019.
- Orr, Albert G.**
1995. *The evolution of the sphragis in the Papilionidae and other butterflies*, pp. 155-164, 5 figs., 5 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]

2017. See Carvalho, A. P. dos S. de et al., 2017.
- Orsak, Larry J.**  
1977. The butterflies of Orange County, California. *Research Series. Museum of systematic Biology. University of California* (Irvine) 4: xii + 349 pp., 7 pls., 56 figs., 4 maps (31 December) [general; Mexico]  
1979. Butterflies, ice age refugia & conservation. *Wings* 6(3): 6-8, 4 figs., 1 map (11 December) [general; report on meeting]
- Orta, R.**  
1988. See Pérez, E. et al., 1988.
- Ortea, Jesús**  
2009. See Bacallado, J. J. et al., 2009.
- Ortega, Alejandro**  
1966. See Carrillo, J. L. et al., 1966.
- Ortega, Oscar Efraín, and Luis Miguel Constantino**  
1997a. Diversidad de lepidópteros diurnos (Rhopalocera) de los Farallones del Citará (Antioquia, Colombia). *Resúmenes. XXIV Congreso. Sociedad colombiana de Entomología*, p. 70 [general]  
1997b. Diversidad de lepidópteros diurnos (Rhopalocera) de los Farallones de Citará (Departamento de Antioquia). *Seminario. Aconteceres entomológicos* (Medellín), pp. 195-209, 5 tabs. [general; Colombia]
- Ortega-Huerta, Miguel A.**  
2002. See Peterson, A. T. et al., 2002.
- Ortegón, Ilka Guadalupe, Luis Abdala, Víctor Parra, José Carlos Cervera, Denis Marrufo and Carlos M. Herrera**  
2012. Influence of multiple factors on plant local adaptation: soil type and folivore effects in *Ruellia nudiflora* (Acanthaceae). *Evolutionary Ecology* 26(3): 545-558, 2 figs., 1 tab. (May; published online 12 July 2011) [*Microtia elva* Bates, *Anartia jatrophae* (Linnaeus), *Siproeta stelenes* (Linnaeus); host plants; Mexico]
- Orth, Afonso Inácio**  
2005. See Lenzi, M. et al., 2005.  
2006a. See Lenzi, M. et al., 2006.  
2006b. See Nardi, C. et al., 2006.
- Ortiz, Bernardo**  
2003. See Ochoa, L. et al., 2003.
- Ortiz, Carlos F.**  
1998. See Sánchez-Soto, S. & C. F. Ortiz, 1998.  
2007. See Pérez-de la Cruz, M. et al., 2007.
- Ortiz, Elena**  
2017. See Willmott, K. R. et al., 2017a.  
2019. See Dias, F. M. S. et al., 2019a.
- Ortiz, Elena, Dayana Bonfantti, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke, Marianne Espeland and Keith Richard Willmott**  
2017. Using molecules and morphology to unravel the systematics of Neotropical Preponine butterflies (Lepidoptera: Charaxinae: Preponini). *Insect Systematics and Diversity* 1(1): 48-56, 4 figs., 3 tabs. (25 October) [new genus: *Mesoprepona*]
- Ortiz, Elena, and Keith Richard Willmott**  
2013. Molecular systematics of the butterfly tribe Preponini (Nymphalidae: Charaxinae). *Systematic Entomology* 38(2): 440-449, 1 fig. (April; published online 20 February) [general]
- Ortiz, Fernando**  
1993. Education to promote protection of the Monarch butterfly in Mexico: A discussion of the conservation education program initiated by Monarca, A.C. *Science Series. Natural History Museum of Los Angeles County* 38: 383-384 (18 February) [*Danaus plexippus* (Linnaeus)]
1984. *Mariposa monarca. Vuelo de papel*. México, Centro de Información y Desarrollo de la Comunicación y la Literatura Infantiles. 63 pp., figs. (October) [*Danaus plexippus* (Linnaeus); life history; migration; conservation; Mexico]
- Ortiz, Fernando, Vicente Sánchez, Hugo González and Marta Venegas**  
1984. Magnetism as a complementary factor to explain orientation systems used by monarch butterflies to locate their overwintering areas. *Atala* 9(1/2): 14-16 (April) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Ortiz, Guido Fernando**  
2009. See Zambrano, G. & G. F. Ortiz, 2009.
- Ortiz, Ignacio**  
1967. *Mariposas y "Taras" de Santiago de León de Caracas. Sus inter-relaciones en algunos aspectos humanos de la salud (1567-1967)*. Caracas, Sociedad Venezolana de Salud Pública. 79 pp., 38 figs. [general; Venezuela]
- Ortiz, Iturbide, and Sául Sánchez-Soto**  
2017. Lepidópteros (Insecta: Lepidoptera) capturados con una trampa diseñada para capturar adultos de una plaga del cacao en Tabasco, México. *Revista nicaragüense de Entomología* 139: 1-16, 18 figs., 3 tabs. (November) [general]
- Ortiz, José Vicente Corrêa**  
1992. See Pinheiro, C. E. G. & J. V. C. Ortiz, 1992.
- Ortiz, Maira**  
2010. See Montero, F. & M. Ortiz, 2010.  
2012a. See Montero, F. & M. Ortiz, 2012a.  
2012b. See Montero, F. & M. Ortiz, 2012b.  
2013a. See Montero, F. & M. Ortiz, 2013a.  
2013b. See Montero, F. & M. Ortiz, 2013b.  
2014a. See Montero, F. & M. Ortiz, 2014a.  
2014b. See Montero, F. & M. Ortiz, 2014b.  
2014c. See Montero, F. & M. Ortiz, 2014c.  
[2015]. See Montero, F. & M. Ortiz, [2015].  
[2017]. See Pedraza, L. D. et al., [2017].
- Ortiz, Menandro, and Klaus G. Raven**  
1972. *Catálogo preliminar del Museo de Entomología de la Universidad Nacional Agraria*. Lima, Universidad Nacional Agraria. iv + 238 pp. [general; Peru]
- Ortiz, Samantha Isabel, and Angélica Janet Guardiola**  
2016. Estudio preliminar de lepidópteros del ANP Cerro del Topo Chico. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) 2(2): 37-39, 1 fig., 1 tab. (August) [general; Mexico]
- Ortiz, Valentina**  
1984. See Ortiz, F. & V. Ortiz, 1984.
- Ortiz, Yaritza**  
2015. See Ruiz, J. et al., 2015.
- Ortiz-Gamboa, Jeffrey**  
[2004]. *Conura* (Hymenoptera: Chalcididae) parasitoide de *Dione juno* (Lepidoptera: Heliconiinae). *Revista de Biología tropical* 51(1): 277 ("March 2003"; [January 2004]) [Costa Rica]
- Ortiz-Martínez, Mildred Alejandra, Sandra Morales-Velasco and José Manuel Tobar-Mesa**  
2015. Fenología de dos plantas nutricias, *Centrosema triquetrum* y *Rorippa indica*, para producción comercial de mariposas en la Reserva Paway, en el Municipio de Mocoa (Putumayo). *Luna Azul* (Manizales) 41: 116-130, 13 figs., 4 tabs. (December) [*Morpho helenor* (Cramer), *Ascia monuste* (Linnaeus), *Leptophobia aripa* (Boisduval); host plants; Colombia]
- Ortiz-Zuazaga, Humberto**  
2014. See Nadeau, N. J. et al., 2014.

2018. See Van Belleghem, S. M. et al., 2018a.
- Orton, James** [1830-1877]  
1872. Contributions to the natural history of the valley of Quito - No. III. *American Naturalist* 6(11): 650-657 (November) [general; Ecuador]
- Ortuño, Vicente M.**  
2005. See Arillo, A. & V. M. Ortuño, 2005.
- Osborn, Frances Rowland** [1966- ], **William Goitia, Maira Cabrera and Klaus Jaffé**  
1999. Ants, plants and butterflies as diversity indicators: Comparisons between strata at six forest sites in Venezuela. *Studies on neotropical Fauna and Environment* 34(1): 59-64, 2 tabs. (April) [general]
- Osborn, Frances Rowland, and Klaus Jaffé**  
1998. Chemical ecology of the defense of two nymphalid butterfly larvae against ants. *Journal of chemical Ecology* 24(7): 1173-1186, 5 tabs. (July) [*Dione juno* (Cramer), *Abananote hylonome* (Doubleday); host plants; Venezuela]
- Osborn, Frances Rowland, and Fredi Sánchez**  
2000. Una infección viral en la glándula cervical de larvas de *Dione junio* [sic] (Lepidoptera: Nymphalidae). *Acta científica venezolana* 51: 207-210, 7 figs. [host plant; Venezuela]
- Osborn, Frances Rowland, Fredi Sánchez and Klaus Jaffé**  
2000. Ultrastructure of the spines and neck gland of *Abananote hylonome* Doubleday, 1844 (Lepidoptera: Nymphalidae). *International Journal of Insect Morphology and Embryology* 28(4): 321-330, 5 pls. [host plant; Venezuela]
- Osborne, Juliet L.**  
2001. See Riley, J. R. & J. L. Osborne, 2001.
- Oscherov, Elena Beatriz**  
2005. See Bar, M. E. et al., 2005.  
2008a. See Bar, M. E. et al., 2008a.  
2008b. See Bar, M. E. et al., 2008b.
- Oscos, Martín Néstor, and Juan Francisco Gianotti**  
1960. *Plagas y enfermedades de las plantas en el valle del Río Negro*. Buenos Aires, Instituto Nacional de Tecnología Agropecuaria, Centro Nacional Rionegrense. 64 pp., figs., tabs. (6 May) [*Colias lesbia* (Fabricius); host plant; Argentina]
- Osculati, Gaetano** [1808-1894]  
1850. *Esplorazione delle regioni equatoriali lungo il Napo ed el Fiume delle Amazzoni. Frammento di un viaggio fatto nelle due Americhe negli anni 1846-1847-1848*. Milano, Tipografia Bernardoni. 320 pp., pls. 1-8, 11-12 + 1, 2 maps ([18 October]) [Ed. 2, 1854, including portrait and pls. 9-10] [general]
- Osella, Bartolomeo Giuseppe**  
[1981?]. *Farfalle*. Verona, Museo Civico di Storia Naturale. 71 pp., figs. [general]
- Osmanski, Austin B.**  
2019. See Ray, D. A. et al., 2019.
- Osorio, Alejandro**  
2018. See Castillo, L. P. et al., 2018.
- Osorio, Daniel**  
2012. See Bybee, S. M. et al., 2012.  
2016. See McCulloch, K. J. et al., 2016.  
2017a. See Lind, O. et al., 2017.  
2017b. See Finkbeiner, S. D. et al., 2017a.  
2017c. See Cuthill, I. C. et al., 2017.
- Osorio, Diana Paola**  
2007. See Quintero, I. et al., 2007.
- Osorio, Francisco**  
2006. See Apaza, M. A. et al., 2006.
- Osorio, José Manuel** [1909- ]  
1977. Las mariposas o lepidópteros, algunos datos para el conocimiento de los mismos. *Tarea Común* (Barquisimeto) 4: 39-42, figs. (May) [general]
- Osorio-Arenas, Miguel Ángel**  
2011. See Basset, Y. et al., 2011.  
2012. See Santos, A. et al., 2012.  
2013. See Basset, Y. et al., 2013.
- Osorio-Beristain, Marcela**  
2009. See Torres, C. et al., 2009.  
2016. See Covarrubias-Camarillo, M. T. de J. et al., 2016.
- Ospina, Alberto**  
2016. See Yara, C. L. & A. Ospina, 2016.
- Ospina, Kadya Andrea**  
2013. See Aristizábal, L. F. et al., 2013.
- Ospina, Karen**  
[2014]. See Granobles, O. et al., [2014].
- Ospina, Leonardo Alberto**  
2007. See García, J. F. A. et al., 2007.
- Ospina, Leonardo Alberto, Miguel Gonzalo Andrade and Gladys Reinoso**  
2015. Diversidad de mariposas y su relación con el paisaje en la cuenca del río Lagunillas, Tolima, Colombia. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 39(153): 455-474, 8 figs., 7 tabs. (December) [general]
- Ospina, Leonardo Alberto, Jack Fran Armengot García, Francisco Antonio Villa and Gladys Reinoso**  
2010. Mariposas Pieridae (Lepidoptera: Papilionoidea) de la cuenca del Río Coello (Tolima), Colombia. *Actualidades biológicas* (Medellín) 32(93): 173-188, 3 figs., 2 tabs. (December) [general]
- Ospina, Leonardo Alberto, and Gladys Reinoso**  
2009. Mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) del jardín botánico Alejandro von Humboldt de la Universidad del Tolima (Ibagué – Colombia). *Revista Tumbaga* 1(4): 135-148, 4 figs., 1 tab. [general]
- Ospina, Mónica**  
2009. See Higuera, M. & M. Ospina, 2009.
- Ospina, Nhora Helena, Mauricio Díazgranados and Paula Andrea Viveros**  
2007. Observaciones de la polinización y fenología reproductiva de *Brassia cf. antherotes* Rchb.f. (Orchidaceae) en un relicto de selva subandina en la Reserva Natural La Montaña del Ocaso en Quimbaya, Quindío (Colombia). *Universitas Scientiarum* (Bogotá) 12(Edición especial): 83-95, 7 figs., 2 tabs. (January) [*Charis, Marpesia*]
- Ospina-Torres, Rodulfo**  
2012. See Medina-Gutiérrez, Julián et al., 2012.
- Osse, Laercio**  
1969. See Briquelot, A. & L. Osse, 1969.
- Osse, Laercio, and André Briquelot**  
1970. Ocorrência de insetos em eucaliptais da Cia. Siderúrgica Belgo-Mineira e combate experimental por diversos meios. *Brasil florestal* 1(2): 21-24. [*Euselasia eucerus* (Hewitson); life history; host plants; Brazil]
- Ostmark, H. Eugene** [1932-2008]  
1974. Economic insect pests of bananas. *Annual Review of Entomology* 19: 161-176 [general]
- Osuji, Chinedum O.**  
2010. See Saranathan, V. et al., 2010.
- Osuna, Eduardo**  
2000. *Entomología del Parque Nacional Henri Pittier, Estado Aragua, Venezuela*. Caracas, Fundación Polar/Museo del Instituto de Zoología "Francisco Fernández Yépez". 200 pp., 214 figs., 10 graphs, 1 map (October) [general]
- Otaki, Joji M.**

2009. Color-pattern analysis of parafocal elements in butterfly wings. *Entomological Science* 12(1): 74-83, 4 figs. (March; published online 25 March) [*Smyrna blomfieldia* (Fabricius), *Pierella lena* (Linnaeus), *Caligo beltrao* (Illiger)]
- 2011a. Color-pattern analysis of eyespots in butterfly wings: A critical examination of morphogen gradient models. *Zoological Science* 28(6): 403-413, 10 figs. (June) [general; morphology]
- 2011b. Generation of butterfly wing eyespot patterns; A model for morphological determination of eyespot and parafocal element. *Zoological Science* 28(11): 817-827, 8 figs. (November) [*Smyrna blomfieldia* (Fabricius)]
2012. Color pattern analysis of nymphalid butterfly wings: Revision of the nymphalid groundplan. *Zoological Science* 29(9): 568-576, 8 figs. (September) [*Smyrna blomfieldia* (Fabricius), *Pierella lena* (Linnaeus); morphology]
2015. See Taira, W. et al., 2015.
2016. See Iwata, M. & J. M. Otaki, 2016.
2017. *Self-similarity, distortion waves, and the essence of morphogenesis: A generalized view of color pattern formation in butterfly wings*, pp. 119-152, 14 figs., 3 tabs. In: Sekimura, T. & H. F. Nijhout (Eds.), *Diversity and evolution of butterfly wing patterns. An integrative approach*. Singapore, Springer Nature. (published online 30 August) [general]
- Otaki, Joji M., Yuichi Kimura and Haruhito Yamamoto**
2006. Molecular phylogeny and color-pattern evolution of *Vanessa* butterflies (Lepidoptera, Nymphalidae). *Transactions of the lepidopterological Society of Japan* 57(4): 359-370, 3 figs., 1 tab. (20 September) [general]
- Otaki, Joji M., and Haruhiko Yamamoto**
2004. Color-pattern modifications and speciation in butterflies of the genus *Vanessa* and its related genera *Cynthia* and *Bassaris*. *Zoological Science* (Tokyo) 21(9): 967-976, 7 figs., 1 tab. (25 September) [general]
- Otazo, Alicia** [1947- ]
2011. See Pérez, M. et al., 2011.
- Otero, Angel Rudesindo** [1903-1960]
1945. See Bruner, S. C. et al., 1945.
1975. See Bruner, S. C. et al., 1975.
- Otero, Juliana**
2014. See Quintero, J. et al., 2014.
- Otero, Luis Daniel**
1985. See Fernández, F. J. & L. D. Otero, 1985.
1990. Estudio de algunos caracteres para su uso en la clasificación de Eurytelinae (Lepidoptera: Nymphalidae). *Boletín de Entomología venezolana* (N.S.) 5(16): 123-138, 1 fig., 5 tabs. (March) [general; phylogeny]
1991. The stridulatory organ in *Hamadryas* (Nymphalidae): Preliminary observations. *Journal of the Lepidopterists' Society* 44(4): 285-288, 3 figs. (16 May) [*H. feronia* (Linnaeus), *H. februa* (Hübner); morphology; behavior; Venezuela]
1994. Early stages and natural history of *Sea sophronia* (Lepidoptera: Nymphalidae: Eurytelinae). *Tropical Lepidoptera* 5(1): 25-27, 5 figs., 2 tabs. ("31 May", [17 June]) [egg, larva, pupa; host plant; Venezuela]
1997. See Freitas, A. V. L. et al., 1997.
- 2000a. See Fullard, J. H. et al., 2000.
- 2000b. See Yack, J. E. et al., 2000.
- Otero, Luis Daniel, and Annette Aiello**
1996. Descriptions of the immature stages of *Adelpha alala* (Nymphalidae). *Journal of the Lepidopterists' Society* 50(4): 329-336, 6 figs. (30 December) [egg, larva, pupa, imago; host plant; Venezuela]
- Otero, Luis Daniel, and Francisco de Asís Romero**
1992. Nota sobre la presencia de *Panacea prola* Dbl. & Hew. (Lepidoptera: Nymphalidae) en el sector central de la Cordillera de la Costa venezolana. *Boletín de Entomología venezolana* (N.S.) 7(2): 171-172 (December)
- Otero, Luíz Soledade** [1940-2006]
1966. *Morpho athena* sp. n. (Lepidoptera, Morphidae). *Atas da Sociedade de Biologia do Rio de Janeiro* 10(1): 14-16, 6 figs. (18 May) [egg, larva, pupa, imago; Brazil]
- 1971a. *Instruções para criação da borboleta "Capitão-do-mato" (Morpho achillaena) e outras espécies do gênero Morpho ("azul-seda", "bóia", "azulão-branco", "praia-grande")*. Rio de Janeiro, Instituto Brasileiro de Desenvolvimento Florestal. 27 pp., 1 pl. [Brazil]
- 1971b. *Brazilian insects and their surroundings. Insetos brasileiros e seu meio*. [In Japanese]. Tokyo, Koyo Shoin Co., Ltd. 23 + 181 pp., figs. [general]
1974. Contribuição ao conhecimento da entomofauna do Parque Nacional da Tijuca (Estudo das espécies mais interessantes). *Brasil florestal* 5(19): 37-39 (July-September) [general; Brazil]
1978. *Insetos*, pp. 95-107, figs. In: Carvalho, J. C. de M. (Ed.), *Atlas da fauna brasileira*. São Paulo, Edições Melhoramentos. 128 pp., figs. [general; conservation]
1984. *Parides ascanius (Cramer, 1775), borboleta ameaçada de extinção*, pp. 369-371, 3 figs. In: Lacerda, L. D. de, D. S. D. de Araújo, R. Cerqueira & B. Turcq (Eds.), *Restingas. Origem, estrutura, processos*. Niterói, Universidade Federal Fluminense. [host plant; ecology; behavior; Brazil]
1985. Sobre o comportamento das lagartas de duas espécies de Lepidoptera: *Automeris melanops* (Walker, 1865) (Saturniidae) e *Morpho menelaus tenuilimbata* Fruhst., 1906 (Nymphalidae). *Resumos XII Congresso brasileiro de Zoologia* (Campinas), p. 103 [Brazil]
- 1986a. See Brown, K. S., Jr. & L. S. Otero, 1986.
- 1986b. *Borboletas. Livro do naturalista*. Rio de Janeiro, Fundação de Assistência ao Estudante. 112 pp., 115 figs. [general; life histories; host plants; Brazil]
2000. See Brettas, E. P. et al., 2000.
2004. See Monteiro, R. F. et al., 2004.
- Otero, Luíz Soledade, and Keith Spalding Brown, Jr.**
1986. Biology and ecology of *Parides ascanius* (Cramer, 1775) (Lep., Papilionidae), a primitive butterfly threatened with extinction. *Atala* 10/12: 2-16, 11 figs., 3 tabs. (February) [Brazil]
- Otero, Luiz Soledade, Keith Spalding Brown, Jr., Olaf Hermann Hendrik Mielke, Ricardo Ferreira Monteiro, Janira Martins Costa, Margarete Valverde de Macêdo, Norma Crud Maciel, Johann Becker, Norma Campos Salgado, Sonia Barbosa dos Santos, Gonzalo Efraim Moya, José Mário de Almeida and Marcelo Duarte**
2000. *Invertebrados terrestres*, pp. 53-64, 2 pls. In: Bergallo, H. de G., C. F. da Rocha, M. A. dos S. Alves & M. Van Sluys (Eds.), *A fauna ameaçada de extinção do Estado do Rio de Janeiro*. Rio de Janeiro, UERJ/FAPERJ. [general; Brazil]
- Otero, Luíz Soledade, and Mirna Martins Casagrande**
1992. Hibridismo em Brassolinae (Lepidoptera, Nymphalidae). *Revista brasileira de Entomologia* (São Paulo) 36(4): 723-728, 12 figs. (31 December) [*Caligo, Dynastor*; host plants; Brazil]
- Otero, Luíz Soledade, and Luíz Claudio Marigo**
1990. *Butterflies. Beauty and behavior of Brazilian species*. Rio de Janeiro, Marigo Comunicação Visual. 128 pp., figs. [general]
1992. *Borboletas de Carajás. Butterflies of Carajás*. Rio de Janeiro, Companhia Vale do Rio Doce. 76 pp., figs.

- [general; Brazil]
- Otero, Luiz Soledade, and Alexandre Soares**  
1996. Nova subespécie de *Morpho* Fabricius, 1807, da Bahia, Brasil (Lepidoptera, Nymphalidae, Morphinae). *Boletim do Museu nacional* (Rio de Janeiro) (*Zoologia*) 369: 1-6, 5 figs. (15 May) [*M. aega amargosensis*]
- Otero, Melba**  
2000. See Rodríguez, R. et al., 2000.
- Otis, Gard W., M. Alex Smith and Jonathan Spero**  
2014. Lyside sulphur (Lepidoptera: Pieridae): origin and possible modes of transport of an Ontario, Canada specimen. *Canadian Entomologist* 146(6): 671-675, 3 figs. (December; published online 7 August) [*Kricogonia lyside* (Godart); Mexico]
- O'Toole, Christopher**  
1995. *Alien empire. An exploration of the lives of insects*. London, BBC Books. 224 pp., figs. [general]
- O'Toole, Christopher, and Kenneth G. Preston-Mafham**  
1985. *Insects in Camera. A photographic essay on behaviour*. Oxford, Oxford University Press. xiii + 154 pp., 287 figs. [general]
- Otsuki, Koko**  
2010. See Jardim, B. de C. et al., 2010.
- Ott, Ana Paula**  
2007. See Lopes, L. A. et al., 2007.
- Ott, Jürgen**  
2016. See Sánchez-Guillén, R. A. et al., 2016.
- Ott, Swidbert R.**  
2015a. See Montgomery, S. H. & S. R. Ott, 2015.  
2015b. See Harpel, D. et al., 2015.  
2016c. See Montgomery, S. H. et al., 2016.
- Otwinowski, Zbyszek**  
2015a. See Cong, Q. et al., 2015a.  
2015b. See Cong, Q. et al., 2015b.  
2016a. See Cong, Q. et al., 2016a.  
2016b. See Cong, Q. et al., 2016b.  
2017a. See Cong, Q. et al., 2017a.  
2017b. See Cong, Q. et al., 2017b.  
2017c. See Shen, J. et al., 2017.
- Outomuro, David, Pedro Ángel, Alberto Corral-López and Emilio Realpe**  
2016. Multitrait aposematic signal in Batesian mimicry. *Evolution* 70(7): 1596-1608, 5 figs., 3 tabs. (July; published online 15 June) [*Greta andromica* (Hewitson); behavior; Colombia]
- Ouvaroff, Jacques**  
2016. See Gayman, J.-M. & J. Ouvaroff, 2016.
- Ovalle, Pablo Felipe**  
[2013]. See Salazar, J. A. & P. F. Ovalle, [2013].
- Overal, William Leslie**  
2000. See Papavero, N. et al., 2000.  
2002. See Papavero, N. et al., 2002.  
2003. See Sousa, A. C. P. de & W. L. Overal, 2003.  
2007a. See Barlow, B. J. et al., 2007a.  
2007b. See Barlow, B. J. et al., 2007b.  
2008a. See Gardner, T. A. et al., 2008.  
2008b. See Barlow, B. J. et al., 2008.  
2011. See Papavero, N. & W. L. Overal, 2011.
- Overal, William Leslie, and Inocêncio de Sousa Gorayeb**  
1981. Entomologia do Museu Goeldi. *Acta amazonica* (Manaus) 11(1, supl.): 177-181, 2 figs. (January-March) [history; *Agrias*, *Morpho*; Brazil]
- Overal, William Leslie, and Paula Joseanny Borges da Silva**  
2000. *Borboletas da Amazônia. Para você colorir*. Belém, Museu Paraense Emílio Goeldi. (*Série infantil do Museu Goeldi*, 11). 42 pp., figs. [general; host plants; behavior; Brazil]
2002. *Borboletas*, pp. 521-532, 2 tabs. In: Lisboa, P. L. B. (Ed.), *Caxiuana. Populações tradicionais, meio físico e diversidade biológica*. Belém, Museu Paraense Emílio Goeldi. [general; Brazil]
- Owen, Denis Frank** [1931-1996]  
1970. See Eisner, T. et al., 1970.  
1971. *Tropical Butterflies. The ecology and behaviour of butterflies in the tropics with special reference to African species*. Oxford, Oxford University Press. xiv + 214 pp., 40 pls., figs., tabs. [general; Neotropics]  
1980. *Camouflage and mimicry*. Oxford, Oxford University Press. 158 pp., figs. [general]  
1995. See Brower, L. P. et al., 1995.
- Owen, Denis Frank, and David A. S. Smith**  
1989. Utilization of alien Asclepiadaceae as larval food-plants by *Danaus plexippus* (L.) (Lepidoptera: Danaidae) on the Atlantic islands. *Entomologist* 108(3): 158-164, 1 fig., 1 tab. (July) [Neotropics]
- Owen, Gwyn**  
1988. The monarch butterfly. *Bulletin of the amateur Entomologists' Society* 47(360): 145-149 (August) [life history; Mexico]
- Owens, Hannah Lois**  
2012. See Barve, N. et al., 2012.  
2018. See Kawahara, A. Y. et al., 2018a.
- Owens, Hannah Lois, Delano St. Aubyn Lewis, Julian Rowe Dupuis, Anne-Laure Clamens, Felix A. H. Sperling, Akito Yuji Kawahara, Robert P. Guralnick and Fabien L. Condamine**  
2017. The latitudinal diversity gradient in New World swallowtail butterflies is caused by contrasting patterns of out-of- and into-the-tropics dispersal. *Global Ecology and Biogeography* 26(12): 1447-1458, 5 figs. (December; published online 16 November) [general]
- Oyama, Ken**  
1998. See Alonso, A. et al., 1998.
- Oyarzún, Aureliano** [1858-1947]  
1928. *Materias colorantes de los tegumentos de los insectos*. Santiago de Chile, Imprenta y Litografía "La Ilustración". 14 pp. [general]
- Ozawa, Hideyuki**  
2012. See Harada, M. et al., 2012.
- Özdikmen, Hüseyin**  
2008. Replacement names for two preoccupied butterfly genus group names (Lepidoptera: Papilionoidea). *Munis Entomology & Zoology* 3(1): 321-322 (January) [*Vanessa* (*Neofieldia*)]

# P

- Pablos, Julia Leme**  
2019. See Freitas, A. V. L. et al., 2019c.
- Paccini Neto, Jurandir**  
1984. See Boiça Junior, A. L. et al., 1984.
- Pace, María J. di**  
1973a. See Alsina, M. G. et al., 1973.  
1973b. See Bernstein, C. et al., 1973.
- Pace, María J. di, María Griselda Alsina, Carlos Bernstein, Pedro E. Cuello, Santiago A. Ezcurra and Miguel F. Villarreal**  
1973. Métodos de estimación de densidades para *Colias lesbia* (F) y otros artrópodos de los alfalfares. *Ecología* (Buenos Aires) 1(1): 11-17, 5 figs., 1 tab. (April) [Argentina]
- Pacheco, Francisco**  
1970. Plagas del Valle del Yaqui. *Circular CIANO* (Sonora) 53: 1-124, figs. (December) [*Strymon melinus* Hübner; host plant; Mexico]
- Pacheco, Francisco, and Joel Rodríguez**  
1969. Dinámica de artrópodos durante el día en un alfalfar, en el valle del Yaqui. *Agricultura técnica en México* 2(11): 496-498, 2 figs., 1 tab. (July) [*Colias* spp.; Mexico]
- Pacheco, Héctor Raúl, and Obdulía Vega**  
2001. La controversia de la mariposa monarca: Un análisis a la luz de las teorías sociales del riesgo. *Convergencia. Revista de Ciencias Sociales* (México) 8(26): 145-169 (September-December) [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Pacheco, Iliana**  
2006. See Mendoza, M. et al., 2006.
- Pacheco, José Fernando, and Claudia Bauer**  
1995. Predação de *Morpho athena* (Lepidoptera: Nymphalidae) por *Falco femoralis* (Falconiformes: Falconidae) no Rio de Janeiro, Brasil. *Ararajuba* 3: 74-75 (December)
- Pacheco, Reyna María**  
2006. See Pagaza, E. M. et al., 2006.
- Pacheco Filho, Alipio José de Souza, Christian Westerkamp and Breno Magalhães Freitas**  
2011. *Ipomoea bahiensis* pollinators: Bees or butterflies? *Flora* (Jena) 206(7): 662-667, 7 figs., 1 tab. (July) [Hesperiidae; Brazil]
- Pacheco-Flores, Cutberto, Marisa Silva-Aparicio, Antonio Ramírez-Sánchez and Susana Gómez-Pérez**  
2013. *Etnoentomología tlapaneca de la Comunidad de La Ciénega, Municipio de Malinaltepec*, Guerrero, pp. 254-260, 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [Nymphalidae; Mexico]
- Paciencia, Mateus Luis Barradas**  
2009. See Pardini, R. et al., 2009.
- Packer, Laurence**  
2012. See Smith, M. A. et al., 2012.
- Pacl, Václav**  
[2016]. See Salazar, J. A. & V. Pacl, [2016].  
[2018]. See Salazar, J. A. et al., [2018].
- Paclt, Jiří**  
1944. O zbarveni zlutasku. Sur le jaune du genre *Colias* (Fabr.) Leach (Lep.). *Casopis ceskoslovenske Spolecnosti entomologicke* 41(1/4): 122-124 (1 June) [*Colias dimera* Doubleday; South America]
1954. On the colour development in Pierididae, especially *Colias*: a contribution to the phylogeny of Insecta Lepidoptera. *Biologisch Jaarboek* 21: 286-312, 11 figs. ([before 2 November]) [general; paleontology; biochemistry; physiology; morphology]
1955. Die Gattungsnamen von Kluk 1780: *Danaus*, *Heliconius*, *Nymphalis* und *Plebejus* (Lepidoptera). *Beiträge zur Entomologie* 5(2/3): 428-431, 2 figs. (September)
- Padden, Whayne**  
2004. See Poladian, L. et al., 2004.
- Padilla, P.**  
1995. See Ladrón de Guevara, O. et al., 1995.
- Padilla-Ramírez, Jorge Ricardo**  
2007. See Méndez, G. et al., 2007.  
2019. See Jiménez-Sánchez, E. et al., 2019.
- Padrón, Pablo Sebastián** [1983- ]  
2006. Lepidópteros diurnos y nocturnos de la Reserva Buenaventura (Piñas-Ecuador). *Lyonia* 9(1): 53-65 (February) [general]
2008. A new subspecies of *Hyposcada illinissa* (W.C. Hewitson, [1852]) from southeastern Ecuador (Lepidoptera: Nymphalidae: Ithomiinae). *Genus* 19(3): 371-375, 2 figs. (30 October) [*H. i. tundayme*; Peru]
2016. See Bollino, M. & P. S. Padrón, 2016.  
2018a. See Dufour, P. C. et al., 2018.  
2018b. See Nakahara, S. et al., 2018c.
- Padrón, Pablo Sebastián, Pierre Boyer, Ariana Vélez and Tomasz Wilhelm Pyrcz**  
2019. Description of the immature stages of a rare Andean paramo butterfly *Lymanopoda caracara* Pyrcz, Willmott & J. Hall, 1999 (Lepidoptera: Nymphalidae). *Zoological Systematics* (Beijing) 44(4): 316-324, 5 figs. (after 20 October) [larva, pupa, imago; host plant; Ecuador]
- Paes, José Mauro Valente**  
2005. Utilização do girassol em sistemas de cultivo. *Informe agropecuário* (Belo Horizonte) 26(229): 34-41, 1 tab. [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Páez, Andrés**  
[2018]. See Henao, E. R. et al., [2018].  
[2019]. See Henao, E. R. et al., [2019].
- Páez, Edwin Steele**  
2013. See Pérez, J. H. et al., 2013.
- Páez, Edwin Steele, Johan Hernán Pérez, Cristian Alexander Rocha, Gloria Leonor Gutiérrez and Milena Paola Mendieta**  
2013. Guía didáctica de campo para la conservación de mariposas diurnas (Lepidoptera: Papilionoidea) presentes en el municipio de Barbosa, Santander, Colombia. *Entomotropica* 28(2): 164 (August) [abstract]
- Páez, Luis Enrique**  
2009. See Pescador, A. et al., 2009.  
2011. See Pescador, A. et al., 2011.  
2013a. See Stanford-Camargo, S. G. et al., 2013,  
2013b. See Cervantes, I. P. et al., 2013.
- Pagaza, Erika Margarita, Martha Sofia González, Reyna María Pacheco and María Teresa Pulido**  
2006. Importancia cultural, en función del uso, de cinco especies de artrópodos en Tlacuilotepec, Puebla, México. *Sitientibus (Ciencias Biológicas)* 6(Etnobiología): 65-71, 5



- figs., 6 tabs. [*Diaethria candrena* (Godart)]
- Pagenstecher, Arnold Andreas Friedrich** [1837-1913]
1898. Die Lepidopteren des Hochgebirges. *Jahrbücher des nassauischen Vereins für Naturkunde* 51: 89-178 (after September) [general; ecology; Mexico, Central and South America]
1901. Libytheidae. *Das Tierreich* 14: 1-18, 4 figs. (February) [general; Neotropics]
1902. Lepidoptera Rhopalocera. Fam. Libytheidae. *Genera Insectorum* 5: 1-4, 1 pl. ([3 June]) [general; Neotropics]
1907. Die Lepidopterenfauna der Antillen. *Jahrbücher des nassauischen Vereins für Naturkunde* 60: 91-102 (after October) [general; ecology]
1909. *Die geographische Verbreitung der Schmetterlinge*. Jena, Gustav Fischer. ix + 451 pp., 2 maps. ([before July]) [general; ecology; zoogeography]
1910. Die Gerningsche Insektenammlung im Naturhistorischen Museum zu Wiesbaden. Ein Beitrag zur Geschichte der Entomologie. *Jahrbücher des nassauischen Vereins für Naturkunde* 63: 119-130 (after October) [on M.S. Merian's and E.J.C. Esper's collections]
1911. Libytheidae. *Lepidopterorum Catalogus* 3: 1-12 (12 October) [general]
- Pagenstecher, Heinrich Alexander** [1825-1889]
1874. Ueber den Ursprung einiger europäischer Schmetterlinge. *Verhandlungen des naturhistorisch-medicinischen Vereins zu Heidelberg* (N. F.) 1(1): 78-122 (after 6 November) [general; *Papilio*; Neotropics]
- Paim, Antonio Carlos, and Rocco Alfredo Di Mare**
2002. Ecologia de Papilionidae. I: Parâmetros biológicos e demográficos de *Parides agavus* (Papilioninae, Troidini) no sul do Brasil. *Biociências* (Porto Alegre) 10(2): 33-48, 3 figs., 3 tabs. (31 December) [behavior]
- Paim, Antonio Carlos, Lucas Augusto Kaminski and Gilson Rudinei Pires Moreira**
2004. Morfologia externa dos estágios imaturos de heliconíneos neotropicais: IV. *Dryas iulia alcionea* (Lepidoptera, Nymphalidae, Heliconiinae). *Iheringia (Zoologia)* 94(1): 25-35, 44 figs., 1 tab. (30 March) [egg, larva, pupa; host plant; Brazil]
- Pain, Stephanie**
1999. Sheer brilliance. *New Scientist* 162(2192): 34-37, figs. (26 June) [*Morpho*; morphology]
- Paiva, Charle da Silva**
2011. See Pereira, D. S. et al., 2011.
- Paiva, Daniela Aparecida Rosa de**
2013. See Rios, G. G. et al., 2013.
- Paiva, Lígia Alves de**
2015. See Nogueira, L. et al., 2015.
- Palacio, Edgard**
1999. *Hormigas legionarias (Hymenoptera: Formicidae: Ecitoninae) de Colombia*, pp. 117-189, 98 figs., 3 tabs., 15 maps. In: Amat, G. D., M. G. Andrade & F. Fernández (Eds.), *Insectos de Colombia. Volumen II*. Bogotá, Academia colombiana de Ciencias exactas, físicas y naturales. (Colección Jorge Álvarez Lleras, 13) (November) [general; mutualism]
- Palacio, Jorge**
2009. See Orozco, S. et al., 2009.
- Palacios, Emma**
2006. See Domínguez, C. J. et al., 2006.
- Palacios, José Guadalupe, Judith Llampallas and Charles Leonard Hogue**
1982. Preliminary list of the insects and related terrestrial Arthropoda of Socorro Island, Islas Revillagigedo, Mexico. *Bulletin of the Southern California Academy of Sciences* 81(3): 138-147. [*Strymon columella socorroica* (Vázquez), *Phoebis sennae* (Linnaeus), *Erynnis zarucco funeralis* (Scudder & Burgess)]
- Palacios, José Guadalupe, and José Luis Navarrete-Heredia**
2002. *Entomofilia, un aspecto de la entomología cultural*, pp. 107-115, 11 figs. In: Lorente, J. E. & J. J. Morrone (Eds.), *Biodiversidad, taxonomía y biogeografía de artrópodos de México: Hacia una síntesis de su conocimiento. Volumen III*. México, Universidad Nacional Autónoma de México (January) [general]
- Palacios, Juan José**
- [2018]. See Vázquez, J. et al., [2018].
- Palacios, Manuel**
2013. See Potyrailo, R. A. et al., 2013.
- Palacios, María Esther**
2019. See Maes, J.-M. et al., 2019b.
- Palacios, Mariela, and Luis Miguel Constantino**
2006. Diversidad de lepidópteros Rhopalocera en un gradiente altitudinal en la Reserva Natural de Pangan, Nariño, Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 10: 258-278, 4 figs., 4 tabs. (November) [general]
- Palacios, Sara María**
2003. See Valladares, G. R. et al., 2003.
2011. See Defagó, M. T. et al., 2011.
- Palacios-Mayoral, Víctor Danilo**
2018. See Huertas, B. C. & V. D. Palacios-Mayoral, 2018.
- Palacios-Mayoral, Víctor Danilo, Leison Palacios-Mosquera and Alex Mauricio Jiménez-Ortega**
2018. Diversidad de mariposas diurnas (Lepidoptera: Papilionoidea) asociadas con tres hábitats en el corregimiento de Pacurita, municipio de Quibdó, Chocó, Colombia. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 42(164): 237-245, 5 figs., 2 tabs. (September) [general]
- Palacios-Mosquera, Leison**
2018. See Palacios-Mayoral, V. D. et al., 2018.
- Palasantzas, George**
2006. See Stavenga, D. G. et al., 2006.
- Palau, Carlos M.**
1999. See Pérez, B. et al., 1999.
- Palisot de Beauvois, Ambroise Marie François Joseph** [1752-1820]
- 1805-21. *Insectes recueillis en Afrique et en Amérique, dans les royaumes d'Oware et de Benin, à Saint-Domingue et dans les Etats-Unis, pendant les années 1786-1797*. Paris, G. Levrault, Schoell et Cie. (1): [4] + i-xvi + 1-24, 6 pls. ([14 October] 1805), (2): 25-40, 6 pls. ([December] 1805), (3): 41-56, 6 pls. ([May] 1806), (4): 57-72, 6 pls. ([15 June] 1807), (5): 73-88, 6 pls. ([September] 1807), (6): 89-100, 6 pls. ([3 July] 1809), (7): 101-120, 6 pls. ([26 August] 1811), (8): 121-136, 6 pls. ([14 December] 1812), (9): 137-156, 6 pls. ([26 August] 1817), (10): 157-172, 6 pls. ([27 October] 1817), (11): 173-192, 6 pls. ([9 November] 1818), (12): 193-208, 6 pls. (1818), (13): 209-224, 6 pls. (1819), (14): 225-240, 6 pls. (1820), (15): 241-276, 6 pls. (1821) [livraison (15) edited by J. G. Audinet-Serville] [general]
- Pallazini, R., R. Münte and Maria Helena Calafiori**
1988. Parasitoide de ovos de *Brassolis* sp em Espírito Santo do Pinhal - SP. *Ecossistema* 13: 137. [Hymenoptera; Brazil]
- Pallister, John Clare** [1891-1980]
- 1956a. Skippers taken on the Frank C. Johnson entomological expedition to Peru, with distributional and ecological notes (Lepidoptera, Hesperidae). *American Museum Novitates* 1763: 1-69, 1 fig. (6 August) [general]

- 1956b. Ghost children of the tropics. *Natural History* (New York) 65(9): 494-495, 2 figs. (November) [*Cithaerias* spp., *Haetera* spp.; ecology; behavior; Peru]
- Palm, H.**  
1896. Der Farbencharakter der Lepidopteren. *Illustrierte Wochenschrift für Entomologie* 1(13): 207-210 (28 June) [general]
- Palmer, Stephanie E.**  
2018. See Westerman, E. L. et al., 2018.
- Palmer, William J.**  
2012. See Dasmahapatra, K. K. et al., 2012.  
2016. See Martin, S. H. et al., 2016.
- Palomino-Hasbach, María Guadalupe**  
2017. See García-Mendoza, A. J. et al., 2017.
- Palting, John**  
2010. See Bailowitz, R. A. & J. Palting, 2010.
- Paluch, Márton**  
2008. See Silva-Brandão, K. L. et al., 2008a.  
2009a. See Willmott, K. R. et al., 2009.  
2009b. See Specht, M. J. S. & M. Paluch, 2009.  
2011. See Specht, M. J. da S. et al., 2011.  
2015. See Barbosa, E. de P. et al., 2015.  
2016a. See Neves, D. A. & M. Paluch, 2016a.  
2016b. See Neves, D. A. & M. Paluch, 2016b.  
2017a. See Zacca, T. et al., 2017b.  
2017b. See Zacca, T. et al., 2017d.  
2018a. See Freitas, A. V. L. et al., 2018a.  
2018b. See Santos, J. P. dos et al., 2018.  
2019. See Santos, J. P. dos et al., 2019.
- Paluch, Márton, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
1999. Estágios imaturos de *Actinote surima* (Schaus) (Lepidoptera, Nymphalidae, Acraeinae). *Revista brasileira de Zoologia* 16(supl. 2): 129-140, 18 figs., 1 tab. (30 December) [egg, larva, pupa, imago; host plants; Brazil]  
2001. Estágios imaturos de *Actinote carycina* Jordan (Lepidoptera, Nymphalidae, Acraeinae). *Revista brasileira de Zoologia* 18(3): 883-896, 18 figs. (30 September) [egg, larva, pupa, imago; host plants; parasitoid; morphology; behavior; Brazil]  
2003. Tampão genital de *Actinote* Hübner, como caráter taxonômico (Lepidoptera, Nymphalidae, Acraeinae). *Revista brasileira de Entomologia* 47(4): 573-580, 25 figs. (31 December) [general; morphology; Brazil]  
2005. Comportamento de agregação noturna dos machos de *Actinote surima surima* (Schaus) (Lepidoptera, Heliconiinae, Acraeini). *Revista brasileira de Zoologia* 22(2): 410-418, 7 figs. (30 June) [Brazil]  
2006. Três espécies e duas subespécies novas de *Actinote* Hübner (Nymphalidae, Heliconiinae, Acraeini). *Revista brasileira de Zoologia* 23(3): 764-778, 51 figs. (30 September) [*A. mirnae*, *A. mielkei*, *A. furtadoi*, *A. morio beckeri*, *A. pellenea giffordi*; Peru, Bolivia, Brazil]  
2008. Morfologia externa do adulto de *Actinote melanisans* (Nymphalidae: Heliconiinae: Acraeini). *Revista brasileira de Zoologia* 25(3): 456-478, 50 figs. (30 September) [Brazil]
- Paluch, Márton, Olaf Hermann Hendrik Mielke, Lucílio Matos Linhares and Diego Carvalho da Silva**  
2016. Butterflies (Lepidoptera: Papilionoidea and Hesperioidea) of the Private Reserve of Natural Heritage Fazenda Lontra/Saudade, Itanagra, northern coast of Bahia, Brazil. *Biota neotropica* 16(1)(e20140085): 1-7 (published online 1 April) [general]
- Paluch, Márton, Olaf Hermann Hendrik Mielke, Carlos Eduardo Beserra Nobre, Mirna Martins Casagrande, Douglas Henrique Alves Melo and André Victor Lucci Freitas**  
2011. Butterflies (Lepidoptera: Papilionoidea and Hesperioidea) of the Parque Ecológico João Vasconcelos Sobrinho, Caruaru, Pernambuco, Brazil. *Biota neotropica* 11(4): 229-238, 1 fig. (21 November) [general]
- Paluch, Márton, Thamara Zacca, Ricardo Russo Siewert, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
2015. A new subspecies of *Pierella lena* (Lepidoptera: Nymphalidae: Satyrinae) in northeastern Brazil. *Florida Entomologist* 98(3): 916-920, 3 figs. (September) [*P. l. atlantica*]
- Pan, Hong-Chun**  
2007a. See Chen, N. et al., 2007.  
2007b. See Su, C.-Y. et al., 2007.
- Pan, Zhong-Qi**  
2019. See Xu, C. et al., 2019.
- Pan, Zhong-Qi, Chang Xu and Jia-Sheng Hao**  
2019. The complete mitochondrial genome of the *Papilio machaon annae* Gistel (Lepidoptera: Papilionidae: Papilioninae). *Mitochondrial DNA (B)* 4(1): 1945-1946, 1 fig. (published online 22 May) [*Heraclides*, *Pterourus*]
- Panara, Stephen**  
2016. See Chazot, N. et al., 2016a.
- Pandalai, K. M.**  
1958. See Menon, K. P. V. & K. M. Pandalai, 1958.
- Pando, Nicolás de, Hipólito Verástegui, Carlos Cueva, Gustavo Hidalgo and Luis G. Reyes**  
1936. *Informe del grupo que recolectó insectos en la excursión a Baños*, pp. 71-74. In: Paredes, R. A. (Ed.), *Baños: Puerta del Amazonas. Reseña de una excursión de los alumnos de Biología de la Universidad Central*. Quito, Imprenta de la Universidad Central. [general; Ecuador]
- Paniagua, Miguel Rafael**  
2008. See Gómez, R. E. et al., 2008.  
2014. See Gómez, R. E. et al., 2014.
- Panizzi, Antônio Ricardo**  
1981. See Gazzoni, D. L. et al., 1981.  
1998. See Malaguido, A. B. & A. R. Panizzi, 1998.
- Panizzi, Antônio Ricardo, Beatriz Spalding Corrêa-[Ferreira], Décio Luiz Gazzoni, Edilson Bassoli de Oliveira, Gary Grant Newman and Samuel Guy Turnipseed**  
1977. Insetos da soja no Brasil. *Boletim técnico. Centro nacional de Pesquisa de Soja* (Londrina, Paraná) 1: 1-20, 33 figs. (January) [*Urbanus proteus* (Linnaeus); life history]
- Pansarin, Emerson Ricardo**  
2003. Biologia reprodutiva e polinização em *Epidendrum paniculatum* Ruiz & Pavón (Orchidaceae). *Revista brasileira de Botânica* (São Paulo) 26(2): 203-211, 1 fig., 3 tabs. (June) [Itthomiinae, Nymphalinae, Hesperidae; Brazil]  
2012. See Aguiar, J. M. R. B. V. et al., 2012.  
2016. See El Ottra, J. H. L. et al., 2016.
- Pansarin, Emerson Ricardo, and Maria do Carmo Estanislau do Amaral**  
2008a. Reproductive biology and pollination mechanisms of *Epidendrum secundum* (Orchidaceae). Floral variation: a consequence of natural hybridization? *Plant Biology* 10(2): 211-219, 2 figs., 3 tabs. (March; published online 27 February) [general; Brazil]  
2008b. Pollen and nectar as a reward in the basal epidendroid *Psilochilus modestus* (Orchidaceae: Triphoreae): A study of floral morphology, reproductive biology and pollination strategy. *Flora* (Jena) 203(6): 474-483, 2 figs., 1 tab. (1 August) [*Heliconius ethilla narcaea* (Fabricius), *H. erato phyllis* (Godart); Brazil]

- Pansarin, Emerson Ricardo, Pedro Joaquim Bergamo, Lucenilda de Jesus Costa Ferraz, Silvia Regina de Menezes Pedro and Alessandro Wagner Coelho Ferreira**
2018. Comparative reproductive biology reveals two different pollination strategies in Neotropical twig-epiphyte orchids. *Plant Systematics and Evolution* 304(6): 793-806, 4 figs., 3 tabs. (June; published online 27 March) [general; Brazil]
- Pansarin, Emerson Ricardo, and Alessandro Wagner Coelho Ferreira**
2015. Butterfly pollination in *Pteroglossa* (Orchidaeeae, Orchidoideae): a comparative study on the reproductive biology of two species of a Neotropical genus of Spiranthinae. *Journal of Plant Research* 128(3): 459-468, 2 figs., 1 tab. (May; published online 12 March) [general; Brazil]
- Pansarin, Emerson Ricardo, Ludmila Mickeliunas Pansarin and Isabel Alves dos Santos**
2015. Floral features, pollination biology, and breeding system of *Comparettia coccinea* (Orchidaeeae: Oncidiinae). *Flora* (Jena) 217: 57-63, 2 figs. (November; published online 28 September) [*Heliconius ethilla narcaea* (Godart), *H. erato phyllis* (Fabricius); Brazil]
- Pansarin, Ludmila Mickeliunas**
2012. See Aguiar, J. M. R. B. V. et al., 2012.  
2015. See Pansarin, E. R. et al., 2015.
- Pansera, Maria Cristina G., and Aldo Mellender de Araújo**
1983. Distribution and heritability of the red raylets in *Heliconius erato phyllis* (Lepid., Nymph.). *Heredity* 51(3): 643-652, 4 figs., 4 tabs. (December) [Brazil]
- Panton, Edward Stuart [1866-1962]**
- 1892-93a. Notes on insect life. *Journal of the Institute of Jamaica* 1(3): 106 (May 1892), (6): 249-252 (April 1893), (7): 311-314 (August 1893) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology; Jamaica]
- 1893b. A description of the larva of *Papilio homerus*. *Journal of the Institute of Jamaica* 1(8): 375-376 (December) [Jamaica]
1898. The life-history of some Jamaica Hesperidae. *Journal of the Institute of Jamaica* 2(5): 435-441, pl. 1 (23 March) [general; eggs, larvae, pupae, imagines; host plants; behavior]
1953. The life-history of a butterfly - *Aganisthos odius orion*. *Natural History Notes of the natural History Society of Jamaica* 5(59): 190-191, 193, figs. (March) [egg, larva, pupa, imago; host plant; behavior; Jamaica]
- Panzer, Georg Wolfgang Franz [1755-1829]**
- 1785-88. *Drury's Abbildungen und Beschreibungen exotischer Insekten, mit fein illuminierten Kupfertafeln. Aus dem Englischen übersetzt und mit vollständiger Synonymie und erläuternden Bemerkungen.* Nürnberg, Adam Wolfgang Winterschmidt. [4] + 208 pp., [1] + 50 + 22 pls. [published in 4 parts; the last 22 plates were intended for vol. 2, the text of which was never published] [general]
- Paoletti, Maurizio Guido**
2005. *Biodiversity management and loss of traditional knowledge in the largest forest of the Amazon. Examples from Amazonas, Venezuela and Ecuador*, pp. 93-111, 9 figs., 5 tabs. In: De Dapper, M. (Ed.), *Tropical forests in a changing global context.* Bruxelles, Académie Royale des Sciences d'Outre-Mer. [*Panacea prola* (Doubleday)]
2018. See Manno, N. et al., 2018.
- Paoletti, Maurizio Guido, and Darna L. Dufour**
2005. *Edible invertebrates among Amazonian indians: A critical review of disappearing knowledge*, pp. 293-342, 11 figs., 5 tabs. In: Paoletti, M. G. (Ed.), *Ecological implications of minilivestock. Potential of insects, rodents, frogs and snails.* Enfield, Science Publishers, Inc. [general; Neotropics]
- Papa, Riccardo**
- 2006a. See Kapan, D. D. et al., 2006.  
2006b. See Joron, M. et al., 2006b.  
2008. See Baxter, S. W. et al., 2008.  
2010. See Counterman, B. A. et al., 2010.  
2011a. See Reed, R. D. et al., 2011.  
2011b. See Hines, H. M. et al., 2011.  
2012a. See Hines, H. M. et al., 2012.  
2012b. See Dasmahapatra, K. K. et al., 2012.  
2012c. See Martin, A. et al., 2012.  
2014. See Nadeau, N. J. et al., 2014.  
2015a. See Supple, M. A. et al., 2015.  
2015b. See Kronforst, M. R. & R. Papa, 2015.  
2016. See Van Schooten, B. et al., 2016.  
2017. See Van Belleghem, S. M. et al., 2017.  
2018a. See Van Schooten, B. et al., 2018.  
2018b. See Van Belleghem, S. M. et al., 2018a.  
2018c. See Van Belleghem, S. M. et al., 2018b.  
2019a. See Zhang, W. et al., 2019.  
2019b. See Edelman, N. B. et al., 2019.  
2019c. See Concha, C. et al., 2019.
- Papa, Riccardo, Durrell D. Kapan, Brian A. Counterman, Karla Maldonado, Daniel P. Lindstrom, Robert D. Reed, H. Frederik Nijhout, Tomas Hrbek and William Owen McMillan**
2013. Multi-allelic major effect genes interact with minor effects QTLs to control adaptive color pattern variation in *Heliconius erato*. *PLoS ONE* 8(3)(e57033): 1-19, 7 figs., 2 tabs. (22 March) [Ecuador, French Guiana]
- Papa, Riccardo, Arnaud Martin and Robert D. Reed**
- 2008b. Genomic hotspots of adaptation in butterfly wing patterns. *Current Opinion in Genetics & Development* 18(6): 559-564, 2 figs. (December; published online 8 January 2009) [*Heliconius*]
- Papa, Riccardo, Clayton M. Morrison, James R. Walters, Brian A. Counterman, Rui Chen, Georg Halder, Laura C. Ferguson, Nicola L. Chamberlain, Richard H. French-Constant, Durrell D. Kapan, Christopher David Jiggins, Robert D. Reed and William Owen McMillan**
- 2008a. Highly conserved gene order and numerous novel repetitive elements in genomic regions linked to wing pattern variation in *Heliconius* butterflies. *BMC Genomics* 9(345): 1-11, 5 figs., 2 tabs. (22 July)
- Papador, Joseph D.**
2017. See Mazo-Vargas, A. et al., 2017.
- Papageorgis, Christine**
1975. Mimicry in Neotropical butterflies. *American Scientist* 63(5): 522-532, 10 figs., 1 tab. (September-October) [general; Peru]
- Papanicolaou, Alexie**
2006. See Joron, M. et al., 2006a.  
2007. See Pringle, E. G. et al., 2007.  
2010. See Ferguson, L. et al., 2010.  
2012a. See Hines, H. M. et al., 2012.  
2012b. See Dasmahapatra, K. K. et al., 2012.  
2017. See Van Belleghem, S. M. et al., 2017.
- Papanicolaou, Alexie, Steffi Gebauer-Jung, Mark L. Blaxter, William Owen McMillan and Christopher David Jiggins**
2008. ButterflyBase: a platform for lepidopteran genomics. *Nucleic Acids Research* 36: D582-D587 (January; published online 12 October 2007) [*Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus)]

- Papanicolaou, Alexie, Mathieu Joron, William Owen McMillan, Mark L. Blaxter and Christopher David Jiggins**  
2005. Genomic tools and cDNA derived markers for butterflies. *Molecular Ecology* 14(9): 2883-2897, 3 figs., 3 tabs. (August) [*Heliconius*]
- Papavero, Nelson** [1942- ]  
1979. See Lenko, K. & N. Papavero, 1979.  
1996. See Lenko, K. & N. Papavero, 1996.
- Papavero, Nelson, and William Leslie Overal**  
2011. *Tapierinha. Histórico das pesquisas de história natural realizadas em uma fazenda da região de Santarém, no Pará, nos séculos XIX e XX*. Belém, Museu Paraense Emílio Goeldi. 459 pp., figs. [general; history; Brazil]
- Papavero, Nelson, Dante Martins Teixeira, William Leslie Overal and José Roberto Pujol-Luz**  
2000. *O novo Eden. A fauna da Amazônia brasileira nos relatos de viajantes e cronistas desde a descoberta do Rio Amazonas por Pinzón (1500) até o Tratado de Santo Ildefonso (1777)*. Belém, Museu Paraense Emílio Goeldi. [xii] + 388 pp., figs. [general; history]  
2002. *O novo Eden. A fauna da Amazônia brasileira nos relatos de viajantes e cronistas desde a descoberta do Rio Amazonas por Pinzón (1500) até o Tratado de Santo Ildefonso (1777). 2a. edição, revista e ampliada*. Belém, Museu Paraense Emílio Goeldi. 429 pp., figs. [general; history]
- Pape, Frederic A. G.**  
1914. See Smith, H. H. & F. A. G. Pape, 1914.
- Pape, Karen**  
2004. See Brower, L. P. et al., 2004.
- Paprocki, Henrique**  
2014. See Nery, I. et al., 2014.  
2015. See Araújo, M. C. de & H. Paprocki, 2015.
- Papworth, H.**  
1982. A review of the Trinidad butterflies hitherto placed in the genus *Prepona* (Lepidoptera: Nymphalidae). *Living World* 1981-1982: 4-8, 3 figs. [general]
- Parada, Esperanza, Gladys Lara, Santiago Peredo, Silvia Cabrera and Otoniel Álvarez**  
1993. Mariposas diurnas del Parque Nacional Villarrica. Un estudio taxocenótico y biocenótico en los distritos Rucapillán y Quetrupillán. *Boletín de la Sociedad de Biología de Concepción* 64: 163-170, 4 figs., 4 tabs. (30 December) [general; Chile]
- Parada, Fidel Ángel**  
2013. See Sermeño, J. M. & F. A. Parada, 2013.  
2014. See Sermeño, J. M. et al., 2014b.  
2019. See Sermeño, J. M. et al., 2019.
- Parada, M. E.**  
2019. See Sermeño, J. M. et al., 2019.
- Paravicini, Ludwig Emanuel** [1868-?1947]  
1910. Beitrag zur Kenntnis der südamerikanischen Pieriden-Gattung *Tatochila* Butl. *Mitteilungen der schweizerischen entomologischen Gesellschaft* 12(1): 21-23 (May) [general; new species: *T. homoeodice*; South America]
- Parchem, Ronald J., Michael W. Perry and Nipam H. Patel**  
2007. Patterns on the insect wing. *Current Opinion in Genetics & Development* 17(4): 300-308, 4 figs. (August; published online 12 July) [*Heliconius*, *Morpho*; South America]
- Pardini, Renata, Deborah Faria, Gustavo Mattos Accacio, Rudi Ricardo Laps, Eduardo Mariano-Neto, Mateus Luis Barradas Paciencia, Marianna Dixo and Julio Baumgarten**  
2009. The challenge of maintaining Atlantic forest biodiversity: A multi-taxa conservation assessment of specialist and generalist species in an agro-forestry mosaic in southern Bahia. *Biological Conservation* 142(6): 1178-1190, 5 figs., 3 tabs. (June; published online 20 March) [general; Brazil]
- Pardo-Díaz, Carolina**  
2010. See Salazar, C. A. et al., 2010.  
2011. See Reed, R. D. et al., 2011.  
2015. See Sánchez, Á. P. et al., 2015.  
2016a. See Wallbank, R. W. R. et al., 2016.  
2016b. See Nadeau, N. J. et al., 2016.  
2017a. See Mann, F. et al., 2017.  
2017b. See Enciso-Romero, Juan et al., 2017.  
2017c. See Darragh, K. et al., 2017.  
2019a. See Clerici, N. et al., 2019.  
2019b. See Martin, S. H. et al., 2019b.  
2019c. See Concha, C. et al., 2019.
- Pardo-Díaz, Carolina, and Christopher David Jiggins**  
2014. Neighboring genes shaping a single adaptive mimetic trait. *Evolution & Development* 16(1): 3-12, 3 figs., 1 tab. (February; published online 6 January) [*Heliconius melpomene* (Linnaeus), *H. erato* (Linnaeus); Panama, Peru, French Guiana]
- Pardo-Díaz, Carolina, Camilo Andrés Salazar, Simon Wade Baxter, Claire Mérot, Wilsea Figueiredo-Ready, Nathieu Joron, William Owen McMillan and Christopher David Jiggins**  
2012. Adaptive introgression across species boundaries in *Heliconius* butterflies. *PLoS Genetics* 8(6)(e1002752): 1-13, 5 figs., 4 tabs. (21 June) [general; Neotropics]
- Pardonnet, Sylvia, Harald Beck, Per Milberg and Karl-Olof Bergman**  
2013. Effect of tree-fall gaps on fruit-feeding nymphalid butterfly assemblages in a Peruvian rain forest. *Biotropica* 45(5): 612-619, 5 figs., 2 tabs. (September; published online 4 July) [general]
- Pardo-Núñez, Joaline**  
2017. See Vázquez-Elorza, A. et al., 2017.
- Pareja, Martín Francisco**  
2018. Alkaloids, plants and butterflies: a farewell to José Roberto Trigo (1956-2017). *Neotropical Entomology* 47(1): 4-5, 1 fig. (published online 12 February) [Ithomiinae; Brazil]
- Parenti, Umberto**  
1969. *Conoscere e collezionare. Le Farfalle*. Novara, Istituto Geografico de Agostini. 64 pp., 11 + 134 figs. [general; Neotropics]  
1978. *The world of butterflies & moths*. London, Orbis Publishing. 128 pp., figs. [general]
- París, Mercedes**  
1998. See Izquierdo, I. et al., 1998.
- Paris, Thomson**  
2012. See Lewis, D. S. et al., 2012.
- Pariset, Lorraine**  
1992. See Racheli, T. & L. Pariset, 1992.  
1993. See Racheli, T. & L. Pariset, 1993.
- Parisi, Rubén A.**  
1980. See Harcourt, D. G. et al., 1980a.
- Park, Jung Ok**  
2017. See Fu, J. et al., 2017.
- Park, Kyu-Tek**  
2011. See Nieukerken, E. J. van et al., 2011.
- Parker, Andrew Richard**  
2002. Natural photonic engineers. *Materials Today* 5(9): 26-31, 10 figs. (1 September) [*Morpho*]  
2005. A geological history of reflecting optics. *Journal of the royal Society of London Interface* 2(2): 1-17, 36 figs. (22 March; published online 15 February) [general]  
2006. See Ingram, A. L. & A. R. Parker, 2006.

2008. See Ingram, A. L. & A. R. Parker, 2008.  
 2009. See Bálint, Z. et al., 2009.  
 2011. See Schenk, F. & A. R. Parker, 2011.
- Parker, Harry L., Paul André Berry and Aquiles Silveira**  
 1953. Host-parasite and parasite-host list of insects reared in the South American Parasite Laboratory during the period 1940-1946. *Revista de la Asociación de Ingenieros agrónomos* (Montevideo) 23(92): 15-112. [general; parasitoids, predators; Uruguay, Argentina]
- Parkin, David T.**  
 1972. See Parkin, P. et al., 1972.
- Parkin, Patricia, David T. Parkin, Alastair W. Ewing and Hugh A. Ford**  
 1972. A report on the arthropods collected by the Edinburgh University Galapagos Islands Expedition, 1968. *Pan-Pacific Entomologist* 48(2): 100-107 (28 September) [general]
- Parlange, Paulina**  
 1988. See Soberón, J. et al., 1988.
- Parmer, Carolee**  
 1976. Mysteries of the Monarch's migration. *Florida Naturalist* 49(3): 2-3, 2 figs. (June) [*Danaus plexippus* (Linnaeus); behavior]
- Parmesan, Camille**  
 1995. Traversing the checkerboard of *Euphydryas* identification. *American Butterflies* 3(4): 12-22, figs. [Mexico]  
 1996. Climate and species range. *Nature* (London) 382(6594): 765-766, 2 figs. (29 August) [*Euphydryas editha* (Boisduval); biogeogra-phy; ecology; Mexico]  
 2001. *Coping with modern times? Insect movement and climate changes*, pp. 387-413, 3 figs. In: Woiwood, I. P., D. R. Reynolds & C. D. Thomas (Eds.), *Insect movement. Mechanisms and consequences*. Wallingford, CABI Publishing. [*Euphydryas editha* (Boisduval); Mexico]  
 2003. *Butterflies as bioindicators for climate change effects*, pp. 541-560, 3 figs., 1 tab. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [*Euphydryas editha* (Boisduval); Mexico]  
 2006. Ecological and evolutionary responses to recent climate change. *Annual Review of Ecology, Evolution and Systematics* 37: 637-669 (published online 24 August) [general]
- Parnell, Andrew John**  
 2018. See Brien, M. N. et al., 2018.
- Parnell, Andrew John, James E. Bradford, Emma V. Curran, Adam L. Washington, Gracie Adams, Melanie N. Brien, Stephanie L. Burg, Carlos Morochz, J. Patrick A. Fairclough, Peter Vukusic, Simon J. Martin, Scott Doak and Nicola J. Nadeau**  
 2018. Wing scale ultrastructure underlying convergent and divergent iridescent colours in mimetic *Heliconius* butterflies. *Journal of the royal Society of London Interface* 15(141)(20170948): 1-14, 11 figs., 1 tab. (April; published online 18 April) [general; Ecuador, Panama]
- Parnell, John R.**  
 1985. See Turner, T. W. & J. R. Parnell, 1985.  
 1993. See Garraway, E. & J. R. Parnell, 1993.  
 2008. See Garraway, E. et al., 2008.  
 2017. See Garraway, E. et al., 2017.
- Paro, Luiz Antônio, Jr., and Octávio Nakano**  
 1976. Dano simulado para a lagarta do girassol *Chlosyne lacinia saundersii* [sic] Doubleday e Hewtson [sic], 1849 (Lepidoptera-Nymphalidae). *Anais da Sociedade entomológica do Brasil* 5(2): 235-240. [Brazil]
- Parolin, Francisco José Toloza**  
 2015. See Assis, F. A. de et al., 2015.
- Parr, Cynthia S.**  
 2009a. See Roe, A. D. et al., 2009.  
 2009b. See Regier, J. C. et al., 2009.  
 2013. See Regier, J. C. et al., 2013.
- Parra, E., J. Peña, D. Esparza and María Labarca**  
 2009. Evaluación de sustratos orgánicos y en combinación con insecticida para la captura de adultos de *Opsiphanes cassina* Felder en una plantación de palma aceitera (*Elaeis guineensis* Jacquin.) en el estado Zulia, Venezuela. *Revista de la Facultad de Agronomía* (Maracaibo) 26(4): 455-469, 7 figs., 1 tab. (December) [host plant]
- Parra, Edicson Alfonso**  
 2013. See Triviño, P. M. et al., 2013.
- Parra, José Roberto Postali**  
 1968. See Nakano, O. et al., 1968.  
 2002. See Nava, D. E. & J. R. P. Parra, 2002.
- Parra, José Roberto Postali, Heraldo Negri de Oliveira and Alexandre de Sene Pinto**  
 2003. *Guia ilustrado de pragas e insetos benéficos dos citros*. Piracicaba, A. S. Pinto. 140 pp., figs. [Papilionidae, *Achlyodes mithridates thraso* (Hübner); host plants; Brazil]
- Parra, Luis Eduardo**  
 2006. See Concha-Bloomfield, I. & L. E. Parra, 2006.  
 2009. See Vargas, H. A. & L. E. Parra, 2009.  
 2012. See Sanzana, M.-J. et al., 2012.  
 2013. See Sanzana, M.-J. et al., 2013.  
 2018. See Ramos-González, M. I. et al., 2018.
- Parra, Luis Eduardo, and Romina Villagrán-Mella**  
 2008. *Orden Lepidoptera (mariposas)*, pp. 159-165, figs., tab. 19. In: *Biodiversidad de Chile, patrimonio y desafíos*. Santiago de Chile, Comisión Nacional del Medio Ambiente. (Ed. 2) [general]
- Parra, María Liliana, José Ignacio Vargas and Mauricio Tabares**  
 2000. *Mariposas de Manizales*. Manizales, Instituto para la Ciencia. [i] + 118 pp., figs. (December) [general; Colombia]
- Parra, Víctor**  
 2012. See Ortégón, I. G. et al., 2012.
- Parralles, Dumar Ariel**  
 2010. See Pulido, H. W. et al., 2010.  
 2011. See Pulido, H. W. & D. A. Parralles, 2011.
- Parreira, Mariana Casari**  
 2019. See Ribeiro, R. C. et al., 2019.
- Parry, Hazel**  
 2018. See Stenoien, C. M. et al., 2018.
- Parry, Luke Thomas Wyn**  
 2007. See Barlow, B. J. et al., 2007a.  
 2008. See Gardner, T. A. et al., 2008.
- Parsons, Michael J.**  
 1980. Some ethnological [sic] notes on butterflies of the genera *Hamadryas* and *Morpho* in Guyana. *Bulletin of the amateur Entomologists' Society* 39(328): 131-140, 3 figs. (August) [behavior]  
 1989. Taxonomic studies in New Guinea and Solomons Nymphalidae (Lepidoptera: Rhopalocera), and discovery of abdominal scent organs in the females of various Nymphalinae genera. *Bishop Museum Occasional Papers* 29: 174-192, 25 figs. (May) [*Heliconius charitonius* (Linnaeus); Jamaica]  
 1996a. Gondwanan evolution of the troidine swallowtails (Lepidoptera: Papilionidae): Cladistic reappraisals using mainly immature stage characters, with focus on the birdwings *Ornithoptera* Boisduval. *Bulletin of the*

- Kitakyushu Museum of natural History* 15: 43-118, 34 figs., 2 tabs. (28 March) [general; Neotropics]
- 1996b. A phylogenetic reappraisal of the birdwing genus *Ornithoptera* (Lepidoptera: Papilionidae: Troidini) and a new theory of its evolution in relation to Gondwanan vicariance biogeography. *Journal of natural History* 30(11): 1707-1736, 6 figs., 1 tab. ([16 October]) [general]
- Parus, Anamaria**  
2016. See Nakahara, S. et al., 2016d.
- Paschoal, I., Eliana Cherubini Bergmann, Airton Dieguez Brisolla, Sandra Maria Rodrigues Netto, Dalva Gabriel, M. C. F. Cardim and E. S. Zanetti**  
1986. Levantamento de lepidópteros ocorrentes na Ilha de São Luis (MA). *Resumos XIII Congresso brasileiro de Zoologia* (Cuiabá), p. 74. [general; Brazil]
- Paschoalini, Mariana**  
2016. See Barbosa, B. C. et al., 2016.
- Pashley, Dorothy P.**  
1992. See Martin, J. A. & D. P. Pashley, 1992.  
1995. See Weller, S. J. & D. P. Pashley, 1995.  
1996. See Weller, S. J. et al., 1996.
- Pasini, Amarildo**  
2003a. See Justus, M. C. et al., 2003.  
2003b. See Pereira, T. et al., 2003.
- Paskevsky, V.**  
1939. Nouvelles formes d'*Agrias* de la collection de Mme. G. Fournier de Horrack. *Bulletin de la Société entomologique de France* 44(3/4): 36-40, pls. 1-2 (28 April) [*A. fourmiera* form *nigrans*, *A. f.* form *rebillardi*; Brazil]  
1941. Formes nouvelles et rares d'*Agrias* (Lep. Nymphalidae) de la collection de Mme. G. Fournier. *Bulletin de la Société entomologique de France* 45(9): 93-100, pls. 2-3 (15 February) [*A. amydon zenodorus* form *inca*, *A. phalcidon fourmiera* form *viridiflavus*, *A. p. excelsior* form *viridifasciata*; Ecuador, Peru, Brazil]
- Pasold, Peter**  
1993. See Starr, S. K. et al., 1993.
- Passoa, Steven**  
1983. Lista de los insectos asociados con los granos básicos y otros cultivos selectos en Honduras. *Ceiba* 25(1): 1-97 (December) [with a foreword by K. L. Andrews] [general; host plants]
- Passos, Fernando de Camargo**  
1996. See Caldas, A. & F. de C. Passos, 1996.
- Passos, Gabriel de Almeida Guimarães, Leticia Paschoallete Dias, Vanessa Lima-Neiva, Aline Vieira Miranda and Jane Costa**  
2018. Levantamento preliminar das espécies de Lepidoptera encontradas no campus da Fiocruz, Mangueiras (RJ), Brasil. *Acta biológica paranaense* 47(1/2): 33-55, 9 figs., 11 tabs. (published online 1 March) [general]
- Pasteur, Georges** [1930- ]  
1972. *Le mimétisme*. Paris, Presses Universitaires de France. 128 pp., 8 figs., 1 tab. (*Que sais-je?*, N° 1469) [general]  
1982. A classificatory review of mimicry systems. *Annual Review of Ecology and Systematics* 13: 169-199. [general]  
1984. Les migrations du monarque, Lépidoptère Danaïde. *Compte Rendu des Séances de la Société de Biogéographie* (Paris) 60(2): 84 (September) [*Danaus plexippus* (Linnaeus); Mexico]
- Pastori, Patrik Luiz**  
2009. See Zanuncio, J. C. et al., 2009.
- Pastrana, Angel**  
2006. See Apaza, M. A. et al., 2006.
- Pastrana, José Antonio** [1907-1994]  
1952a. See Faldini, J. D. & J. A. Pastrana, 1952a.  
1952b. See Faldini, J. D. & J. A. Pastrana, 1952b.  
2004. *Los lepidópteros argentinos. Sus plantas hospedadoras y otros sustratos alimenticios*. Buenos Aires, Sociedad Entomológica Argentina. xvi + 334 pp. (July) [general]
- Pastrana, José Antonio, Osvaldo Rubén Di Iorio, Fernando Rubén Navarro, Adriana Chalup and María Elvira Villagrán**  
2004. *Lepidoptera*, pp. 416-515. In: Cordo, H. A., G. Logarzo, K. Braun & O. R. Di Iorio (Eds.), *Catálogo de insectos fitófagos de la Argentina y sus plantas asociadas*. Buenos Aires, Sociedad Entomológica Argentina. xvii + 720 pp. (December) [general; host plants]
- Patel, Nipam H.**  
2007. See Parchem, R. J. et al., 2007.  
2014. See Martin, A. et al., 2014.  
2017. See Mazo-Vargas, A. et al., 2017.
- Patent, Dorothy Hinshaw** [1940- ]  
1978. *Animal and plant mimicry*. New York, Holiday House. 126 pp., figs. [general]
- Patent, Dorothy Hinshaw, and Kendahl Jan Jubb**  
2003. *Fabulous fluttering tropical butterflies*. New York, Walker & Company. 32 pp., figs. [general]
- Patiño, Ana María**  
2016. See Meléndez-Jaramillo, E. et al., 2016.
- Patiño, Hernando**  
1983. See Pava, J. et al., 1983.
- Patiño, Hernando, Saulo Kuratomi, Ignacio Martínez and Alfredo Estrada**  
1981. Elementos de trama ecológica en la entomofauna asociada con *Asclepias curassavica* L. *Revista de la Asociación colombiana de Ciencias biológicas* 3(3): 56-61. [*Danaus plexippus* (Linnaeus), *D. gilippus berenice* (Cramer), *Anartia amathea* (Linnaeus); host plant; ecology; Colombia]
- Patiño, Hernando, Ignacio Martínez and Saulo Kuratomi**  
1981. Aspectos ecológicos de interés didáctico en especies de *Danaus*. *Revista de la Asociación colombiana de Ciencias biológicas* 3(3): 62-66. [*D. plexippus* (Linnaeus), *D. gilippus* (Cramer), *D. eresimus* (Cramer); host plants; parasitoids; predator; Colombia]
- Patrick, Brian H., and Hamish J. H. Patrick**  
2012. *Butterflies of the South Pacific*. Dunedin, Otago University Press. 240 pp., figs. ([23 October]) [general]
- Patrick, Hamish J. H.**  
2012. See Patrick, B. H. & H. J. H. Patrick, 2012.
- Patterson, Bruce D.**  
2011. See Laurance, W. F. et al., 2011.
- Patterson, Nick**  
2019. See Edelman, N. B. et al., 2019.
- Patterson, William Donald, Jr.** [1905-1980], and **Jerry Alan Powell**  
1960. Lepidoptera collecting in the Sierra San Pedro Martir, Baja California. *Journal of the Lepidopterists' Society* 13(4): 229-235, 1 map (1 August) [general; Mexico]
- Patto, Claudio Eduardo Germano**  
2006. See Chaves, G. W. et al., 2006.
- Patzelt, Erwin** [1924- ]  
1979. *Fauna del Ecuador*. Quito, Editorial Las Casas. xi + 187 pp., figs. [Ed. 2; Ed. 1, 1976] [general]  
1989. *Fauna del Ecuador*. Quito, Banco Central del Ecuador. 436 pp., figs. [Ed. 3] [general]
- Pauchet, Yannick**  
2012. See Dasmahapatra, K. K. et al., 2012.  
2013. See Chauhan, R. et al., 2013.
- Paul, Sarah C.**  
2019. See Briolat, E. S. et al., 2019.

- Paula, Débora Pires**  
2012. See Moreira, D. C. et al., 2012.
- Paula, Débora Pires, David Alan Andow, Renata Velozo Timbó, Edison Ryoiti Sujii, Carmen Silvia Soares Pires and Eliana Maria Gouveia Fontes**  
2014. Uptake and transfer of a *Bt* toxin by a Lepidoptera to its eggs and effects on its offspring. *PLoS ONE* 9(4)(e95422): 1-7, 3 figs., 3 tabs. (18 April) [*Chlosyne lacinia* (Geyer); host plants; Brazil]
- Paula, Maria Cristina Zborowski de**  
2007. See Solera, M. et al., 2007.
- Paula, Vanderlúcia Fonseca de, Luiz Cláudio de Almeida Barbosa, Antônio Jacinto Demuner, Dorila Piló-Veloso and Marcelo Coutinho Picanço**  
2000. Synthesis and insecticidal activity of new amide derivatives of piperine. *Pest Management Science* 56(2): 168-174, 2 figs., 3 tabs. (February; published online 12 January) [*Ascia monuste orseis* (Godart); Brazil]
- Paula, Vanderlúcia Fonseca de, Luiz Cláudio de Almeida Barbosa, Marcelo Coutinho Picanço and Dorila Piló-Veloso**  
2001. Toxicidade de amidas derivadas da piperina para larvas de *Ascia monuste orseis* (Godart) (Lepidoptera, Pieridae). *Revista brasileira de Entomologia* 45(1): 7-10, 3 figs., 4 tabs. (30 June) [host plant; Brazil]
- Paula, Vanderlúcia Fonseca de, Luiz Cláudio de Almeida Barbosa, Róbson Ricardo Teixeira, Marcelo Coutinho Picanço and Gerson Adriano Silva**  
2008. Synthesis and insecticidal activity of new 3-benzylfuran-2-yl N,N,N',N'-tetraethylamidophosphate derivatives. *Pest Management Science* 64(8): 863-872, 4 figs., 1 tab. (August; published online 6 March) [*Ascia monuste orseis* (Godart); Brazil]
- Paula-Moraes, Silvana Vieira de**  
2015. See Formentini, A. C. et al., 2015.
- Paulo, Daniel F.**  
2019. See Concha, C. et al., 2019.
- Pava, Jaime, Edmundo Castillo, Alvaro González and Hernando Patiño**  
1983. Aspectos de interés fitosanitario de la palma de chontaduro *Bactris gasipaes* H.B.K. en algunas regiones del Valle y Chocó. *Acta agronómica* (Palmira) 33(1): 25-35 (January-March) [*Opsiphanes* sp.; host plant; parasitoid; Colombia]
- Pavan, Mario [1918-2003], and Marialuisa Valcurone**  
1976. Sostanze di difesa dei Lepidotteri. *Pubblicazioni dell'Istituto di Entomologia agraria dell'Università di Pavia* 3: 1-23, 7 figs., 2 tabs. [general; Neotropics]
- Pavulaan, Harry**  
1994. See Pratt, G. F. et al., 1994.
- Pawoski, Emerson Luis**  
2016. See Oliveira-Neto, J. F. de et al., 2016.
- Payne, Troy**  
1988. Henry Walter Bates' contribution to Darwinism: A Theory of Mimicry. *Kentucky Lepidopterist* 14(3): 5-11 (July) [general]
- Paz, Ana Luiza Gomes, Helena Piccoli Romanowski and Ana Beatriz Barros de Morais**  
2008. Nymphalidae, Papilionidae e Pieridae (Lepidoptera: Papilionoidea) da Serra do Sudeste do Rio Grande do Sul, Brasil. *Biota neotropica* 8(1): 141-149, 1 fig., 1 tab. (28 January) [general]
2013. Distribution of Satyrini (Lepidoptera, Nymphalidae) in Rio Grande do Sul State, southern Brazil. *Ecological Research* 28(3): 417-426, 4 figs., 4 tabs. (May; published online 19 March) [general]
2014. Borboletas frugívoras do centro oeste do Rio Grande do Sul, Brasil (Lepidoptera: Nymphalidae). *Shilap* 42(167): 409-422, 5 figs., 1 tab. (30 September) [general]
- Paz, Francisco**  
2014. See Rodríguez, K. et al., 2014.
- Paz, Joicele Regina Lima da, Miriam Gimenes and Camila Magalhães Pigozzo**  
2013. Three diurnal patterns of anthesis in *Ipomoea carnea* subsp. *fistulosa* (Convolvulaceae): Implications for temporal, behavioral and morphological characteristics of pollinators? *Flora* (Jena) 208(2): 138-146, 4 figs., 3 tabs. (February; published online 5 March) [general; Brazil]
- Paz, Joicele Regina Lima da, and Camila Magalhães Pigozzo**  
2013a. Guilda de visitantes florais de quatro espécies simpátricas de Convolvulaceae: composição e comportamento. *Acta biológica paranaense* 42(1/2): 7-27, 3 figs., 4 tabs. [Hesperiidae; pollination; Brazil]
- 2013b. Biologia reprodutiva de *Ipomoea ericalyx* (Convolvulaceae): espécie com distribuição restrita às regiões do Leste do Brasil. *Rodriguésia* 64(4): 705-715, 4 figs., 2 tabs. (December) [general]
- Paz, María Clara**  
2013. Mariposa espejitos (*Agraulis vanillae*, Stichel, 1908 [sic]), su metamorfosis. *Bioma* (San Salvador) 2(14): 73-80, 9 figs. (December) [life history; host plant; Argentina]
- Paz, Ramón, José Morales, Norayda Arrieche and Rafael González**  
2019. Diversidad de hespéridos (Lepidoptera: Hesperidae) en agroecosistemas del estado Lara, Venezuela. *Bioagro* 31(1): 73-78, 1 fig., 2 tabs. [general]
- Paz-Soldán, Lenny Alexandra**  
2006a. See Quinteros, R. et al., 2006a.  
2006b. See Quinteros, R. et al., 2006b.
- Peacock, John W.**  
1989. See Harvey, D. J. & J. W. Peacock, 1989.
- Peale, Titian Ramsey [1799-1885]**  
1833. *Lepidoptera americana: Or, original figures of the moths and butterflies of North America: In their various stages of existence, and the plants on which they feed. Drawn on stone, and coloured from nature: with their characters, synonyms and remarks on their habits and manners.* Philadelphia, William P. Gibbons. 1(1): 14 pp., 4 pls. ([March]) [*Caligo*; Colombia]
- [1885]. [A letter]. *Papilio* 4(7/8): 150 ([29 January]) [on T. R. Peale's "Lepidoptera Americana"; Colombia]
- Peale, Titian Ramsey, David Alan Grimaldi, Kenneth Haltman, Ellen Victoria Futter, Barbara Rhodes and Thomas Baione**  
2015. *The Butterflies of North America. Titian Peale's lost manuscript.* New York, American Museum of Natural History. 256 pp., figs. [general; history; Neotropics]
- Pearce, E. J.**  
1969. An attempted re-appraisal of the butterflies of Barbados with reference to certain weather phenomena. *Journal of the Barbados Museum and historical Society* 33(2): 76-84, 3 figs. (November) [general; host plants; behavior]
- Pearson, David Leander [1943- ], and Les Beletsky**  
2001. *Perú. The Ecotraveller's Wildlife Guide.* San Diego, Academic Press. xiv + 502 pp., 99 pls., figs., maps [general]
- Pearson, Henry Richard [1911-2004]**  
1959. See Travassos, L. O. & H. R. Pearson, 1959.
- Pearson, Paul N.**  
2012. See Etienne, R. S. et al., 2012.
- Pearson, Richard G.**

2011. See Laurance, W. F. et al., 2011.
- Peay, Kabir**  
2019. See Ravenscraft, A. et al., 2019.
- Pecháček, Pavel**  
2018. See Stella, D. et al., 2018.
- Pecho, Octavio**  
2010. See Whaley, O. et al., 2010.
- Peck, Stewart B.**  
1996. *Origin and development of an insect fauna on a remote archipelago: The Galápagos Islands, Ecuador*, pp. 91-122, 11 pls., 6 figs., 13 tabs. In: Keast, A. & S. E. Miller (Eds.), *The origin and evolution of Pacific Island biotas, New Guinea to Eastern Polynesia: patterns and processes*. Amsterdam, SPB Academic Publishing [general]  
2006. See Causton, C. E. et al., 2006.
- Peck, Stewart B., John Heraty, Bernard Landry and Bradley J. Sinclair**  
1998. Introduced insect fauna of an oceanic archipelago: The Galápagos Islands, Ecuador. *American Entomologist* 44(4): 218-237, 8 figs., 5 tabs. [*Calpodus ethlius* (Cramer), *Hemiargus ramon* (Dognin)]
- Pedersen, Casper-Emil Tingskov**  
2019. See Stanton, D. W. G. et al., 2019.
- Pedersolli, J. L.**  
1977. See Brun, P. et al., 1977.
- Pederzoli, Regina C. D.**  
1997. See Lorenzato, D. et al., 1997.
- Pedraza, Luz Dary**  
2015. Mariposas del Parque Metropolitano María Lucía de Villavicencio. *Revista científica Guarracuco* 30(19): 67-77, 12 figs. (August) [general; Colombia]
- Pedraza, Luz Dary, Maira Ortiz and Fredy Montero**  
[2017]. Aspectos del ciclo de vida de *Metamorphia elissa elissa* (Hübner, 1819) en Colombia (Lepidoptera: Nymphalidae: Kallimini). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 20(1): 143-154, 9 figs. ("June 2016", [May 2017]; [published online before 25 August 2016] [egg, larva, pupa, imago; host plant])
- Pedro, Silvia Regina de Menezes**  
2018. See Pansarin, E. R. et al., 2018.
- Pedron, Marcelo, Cristiano Roberto Buzatto, Rodrigo Bustos Singer, João Aguiar Nogueira Batista and Alfred Moser**  
2012. Pollination biology of four sympatric species of *Habenaria* (Orchidaceae: Orchidinae) from southern Brazil. *Botanical Journal of the Linnean Society* 170(2): 141-156, 4 figs., 4 tabs. (October; published online 22 August) [Hesperiidae, *Hesperocharis erota* (Lucas)]
- Pedrosa, Francisca Nemauro Tavares**  
1974. See Cavalcante, R. D. et al., 1974.
- Pedrosa, Luiz Gustavo Perrut**  
2008. See Pinheiro, C. E. G. et al., 2008a.
- Pedrosa-Macedo, José Henrique**  
1993. *Manual de pragas em florestas. Volume 2. Pragas florestais do sul do Brasil*. Viçosa, IPEF/SIF. 111 pp., 57 figs. [*Euselasia eucerus* (Hewitson); life history; host plants; parasitoids]
- Pedrotti, Vanessa Schaefer, Marcelo Pereira de Barros, Helena Piccoli Romanowski and Cristiano Agra Iserhard**  
2011. Borboletas frugívoras (Lepidoptera: Nymphalidae) ocorrentes em um fragmento de floresta ombrófila mista no Rio Grande do Sul, Brasil. *Biota neotropica* 11(1): 385-390, 1 fig., 2 tabs. (March; published online 2 March) [general]
- Pedrotti, Vanessa Schaefer, Nicolás Oliveira Mega and Helena Piccoli Romanowski**  
2019. Population structure and natural history of the South American butterfly *Taygetis ypthima* (Lepidoptera: Nymphalidae). *Austral Entomology* 58(4): 753-761, 6 figs. (November; published online 10 February) [Brazil]
- Pe'er, Guy**  
2015. See Van Swaay, C. et al., 2015.
- Péfaur, Jaime E.**  
1997. See Díaz, A. et al., 1997.
- Peggie, Djunijanti**  
2003a. See Penz, C. M. & D. Peggie, 2003.  
2003b. Systematics of Vagrantini butterflies (Lepidoptera: Nymphalidae). Part 1. Cladistic analysis. *Treubia* 33(1): 71-87, 4 figs. (December) [general]  
2004. Systematics of Vagrantini butterflies (Lepidoptera: Nymphalidae). Part 2. Discussion on clades and character distributions. *Treubia* 33(2): 137-146, 1 fig. (December) [general]  
2018. See Sahoo, R. K. et al., 2018.
- Peh, Kelvin S.-H.**  
2011. See Laurance, W. F. et al., 2011.
- Peichel, Catherine L.**  
2012. See Conte, G. L. et al., 2012.
- Peigler, Richard Steven [1951- ]**  
1993. Wild silks of the world. *American Entomologist* 39(3): 151-161, figs. [*Eucheira socialis* Westwood; host plant; Mexico]  
2009. Visits to the home and collection of Linnaeus. *News of the Lepidopterists' Society* 51(4): 129-132, 10 figs. (5 December) [general; history]
- Peigler, Richard Steven, and Eric William Classey**  
2000. Seitz' Macrolepidoptera of the World: Perspectives from a taxonomist and a publisher. *News of the Lepidopterists' Society* 42(4): 93-95, 108-109, 3 figs. (15 November) [general]
- Peigler, Richard Steven, Taeko Narumi and Masahiko Kobayashi**  
1993. *Fiber identification of Eucheira socialis (Pieridae) a wild silkworm from Mexico*, pp. 71-76, 11 figs. In: Akai, H., Y. Kato, M. Kiuchi & J. Inouchi (Eds.), *Wild silkmoths '92*.
- Peixoto, Paulo Enrique Cardoso**  
2011. See Martins, V. F. et al., 2011.  
2016a. See Carvalho, M. R. M. et al., 2016.  
2016b. See Ferreira, C. P. dos S. et al., 2016.
- Peixoto, Paulo Enrique Cardoso, and Woodruff Whitman Benson**  
2008. Body mass and not wing length predicts territorial success in a tropical satyrine butterfly. *Ethology* 114(11): 1069-1077, 5 figs., 4 tabs. (November; published online 9 October) [*Paryphthimoides phronius* (Butler); Brazil]  
2009a. Daily activity patterns of two co-occurring tropical satyrine butterflies. *Journal of Insect Science* 9(54): 1-14, 7 figs., 4 tabs. (14 July) [*Hermeuptychia hermes* (Fabricius), *Paryphthimoides phronius* (Godart); Brazil]  
2009b. Seasonal effects of density on territory occupation by males of the satyrine butterfly *Paryphthimoides phronius* (Butler 1867). *Journal of Ethology* 27(3): 489-496, 4 figs., 2 tabs. (September; published online 3 February) [behavior; Brazil]  
2011. Fat and body mass predict residency status in two tropical satyrine butterflies. *Ethology* 117(8): 722-730, 3 figs., 1 tab. (August; published online 13 July) [*Hermeuptychia fallax* (C. Felder & R. Felder), *Moneuptychia soter* (Butler); behavior; Brazil]  
2012. Influence of previous residency and body mass in the territorial contests of the butterfly *Hermeuptychia fallax*



- (Lepidoptera: Satyrinae). *Journal of Ethology* 30(1): 61-68, 2 figs., 2 tabs. (January; published online 28 August 2011) [behavior; Brazil]
- Peixoto, Paulo Enrique Cardoso, Danilo Germano Muniz and Wooruff Whitman Benson**  
2012. Do feeding resources induce the adoption of resource defence polygyny in a lekking butterfly? *Ethology* 118(3): 311-319, 2 figs., 3 tabs. (March; published online 5 January) [*Paryphthimoides phronius* (Butler); behavior; Brazil]
- Peláez, Carlos**  
1991. See Echeverri, L. F. et al., 1991.
- Peláez, Nicolás**  
2016a. ¿Qué es y cómo se desarrolla una mariposa?, pp. 22-35, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; life histories; host plants; Colombia]  
2016b. *La visión y el sentido de orientación de las mariposas*, pp. 58-62, figs. In: Londoño, P. & C. E. Giraldo (Eds.), *Un frágil tesoro: las mariposas colombianas*. Bogotá, Universidad del Rosario, (December) [general; physiology; behavior; Colombia]  
2016c. See Giraldo, C. E. & N. Peláez, 2016,
- Peláez, Nicole S.**  
2010. See Srygley, R. B. et al., 2010.
- Pelham, Jonathan P.**  
2008. A catalogue of the butterflies of the United States and Canada with a complete bibliography of the descriptive and systematic literature. *Journal of Research on the Lepidoptera* 40: i-xiii, 1-652 (15 March) [general; nomenclature; taxonomy; Neotropics]
- Pellens, Roseli**  
2016. See Chazot, N. et al., 2016b.
- Pellissier, Loïc, Anna Kostikova, Glenn Litsios, Nicolas Salamin and Nadir Alvarez**  
2017. High rate of protein coding sequence evolution and species diversification in the lycaenids. *Frontiers in Ecology and Evolution* 5(90): 1-7, 2 figs. (published online 23 August) [general]
- Peluffo, Osvaldo R.**  
1944. *Insectos dañinos a la agricultura argentina. Descripción - Desarrollo - Métodos preventivos - Métodos destructivos*. Buenos Aires, Editorial Suelo Argentino. (Colección El Campo, Vol. 20). 170 pp., 22 figs. (25 November) [*Papilio thoas thoantiades* Burmeister; life history; host plant; Argentina]
- Pelz, Volker**  
1997. Life history of *Pedaliodes parepa* from Ecuador (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 8(1): 41-45, 2 figs. (5 September) [egg, larva, pupa; host plant]
- Pemberton, Robert W.**  
1990. Insects attacking *Passiflora mollissima* and other *Passiflora* species: field survey in the Andes. *Proceedings of the hawaiian entomological Society* 29: 71-84, 5 figs. (1 February) [*Dione juno* (Cramer), *D. moneta* Hübner; Colombia, Ecuador, Peru]  
2010. Biotic resource needs of specialist orchid pollinators. *Botanical Review* 76(2): 275-292 (June; published online 31 March) [general]
- Pemmer, Veronika**  
2010. See Albert, R. et al., 2010.
- Penagos, Hugo, and Virgilio Recinos**  
1968. Ensayo de cinco insecticidas en el combate del gusano del repollo (*Pieris* sp.). *Boletín técnico. Dirección General de Investigación y Extensión agrícola. Ministerio de Agricultura* (Guatemala) 26: ii + 23 pp., 2 figs., 6 tabs., 6 graphs [Guatemala]
- Pence, James Akers**  
2005. See Daniels, J. C. et al., 2005.  
2006a. See Daniels, J. C. et al., 2006a.  
2006b. See Daniels, J. C. et al., 2006b.
- Penco, Fernando César**  
2012. Descripción de la hembra de *Narope marmorata* Schaus, 1902 (Lepidoptera: Nymphalidae: Morphinae: Brassolini). *Historia natural* (Buenos Aires) (3)2(1): 95-101, 3 figs. [Argentina]  
2016. See Núñez, E. O. et al., 2016.
- Penco, Fernando César, and Osvaldo Rubén Di Iorio**  
2014. *Lepidoptera argentina. Catálogo ilustrado y comentado de las mariposas de Argentina. Parte VII: Papilionidae*. Morón, Authors. 88 pp., figs. (March) [host plants; distribution]
- Penella, José S.**  
1965. El plátano y el cambur. *Serie de cultivos. Consejo de Bienestar rural* (Caracas) 8: [44] pp., figs. (May) [*Caligo memnon* (Felder & Felder), *Opsiphanes tamarindi* Felder & Felder; host plants; Venezuela]
- Peng, Tong-Xu**  
2002. See Li, L.-Y. et al., 2002.  
2004. See Li, Z.-G. et al., 2004a.  
2005a. See Li, Z.-G. et al., 2005a.  
2005b. See Li, Z.-G. et al., 2005b.  
2006. See Zhang, L.-L. et al., 2006a.
- Peng, Xiao-Yi**  
2016. See Chen, C. et al., 2016.
- Penhallurick, John M.**  
2007. See Heller, J. L. & J. M. Penhallurick, 2007.
- Pennington, Arthur Stuart [1857-1918]**  
1910. *The Argentine Republic. Its physical features, history, fauna, flora, geology, literature & commerce*. Buenos Aires, Michell's Book Store. 352 pp., frontisp., 30 figs., 1 map [general]
- Pennington, Miles Stuart, and H. Wilkinson**  
\*1910. The butterflies and larger moths of Argentina. *Illustrated Review of Argentina* 12: 12-17 (20 June); 6-8 (5 July); 17-20 (20 July); 19-22 (10 August); 20-23 (25 August); 13-16 (15 September); 10-14 (30 September); 11-14 (25 October)
- Pennington, R. Toby**  
2017. See Endara, M.-J. et al., 2017.
- Penny, Norman Dale [1946-2016]**  
[1984]. See Rafael, J. A. et al., 1984.
- Penny, Norman Dale, and Jorge Ramón Arias**  
1982. *Insects of an Amazon forest*. New York, Columbia University Press. 328 pp., figs. [general; Brazil]
- Pensiero, José Francisco**  
2015a. See Cerino, M. C. et al., 2015a.  
2015b. See Cerino, M. C. et al., 2015b.
- Penteado, Luiz Antonio de Campos**  
1971. See Nakano, O. et al., 1971.
- Penteado-Dias, Angélica Maria**  
1986a. Parasitismo de *Ascia monuste orseis* (Latreille, 1819) (Lepidoptera, Pieridae) por *Cotesia glomerata* (Linné, 1758). *Resumos XIII Congresso brasileiro de Zoologia* (Cuiabá), p. 75. [Brazil]  
1986b. Parasitismo de *Ascia monuste orseis* (Latreille, 1819) (Lepidoptera, Pieridae) por *Cotesia glomerata* (L., 1758) (Hymenoptera, Braconidae, Microgasterinae). *Revista brasileira de Entomologia* 30(2): 257-259, 1 fig., 1 tab. (31 July) [host plant; Brazil]

2010. See Fernandes, L. B. dos R. et al., 2010.
- Penteado-Dias, Angélica Maria, Luciana Bueno dos Reis Fernandes, Luis Gustavo Rodrigues lemma and Manoel Martins Dias, Filho**
2011. First occurrence of *Protopanteles* (*Protopanteles*) *enephes* (Nixon, 1965) (Hymenoptera, Braconidae, Microgastrinae) in Brazil and new biological data. *Brazilian Journal of Biology* 71(3): 735-738, 13 figs. (31 August) [*Fountainea ryphae phidile* (Geyer); host plant; parasitoid; Brazil]
- Penteado-Dias, Angélica Maria, and Sonia Silveira Ruiz**
1990. Morfologia e informações sobre a biologia de *Glyptapanteles concinnus* (Muesebeck, 1958) (Hymenoptera, Braconidae, Microgastrinae). *Revista brasileira de Entomologia* (São Paulo) 34(1): 215-219, 17 figs. (30 August) [*Papilio hectorides* Esper; parasitoid; Brazil]
- Penton, Erin H.**
2004. See Hebert, P. D. N. et al., 2004.
- Penz, Carla Maria [1961- ]**
1985. Estudos sobre as espécies de *Actinote* Hübner, 1819 do Rio Grande do Sul (Lep., Nymph., Acraeinae). *Resumos XII Congresso brasileiro de Zoologia* (Campinas), p. 104 [Brazil]
1995. Description of the early stages of *Podotricha telesiphe* (Nymphalidae: Heliconiinae). *Journal of the Lepidopterists' Society* 49(3): 246-250, 3 figs. (26 September) [egg, larva, pupa; host plant; Ecuador]
1998. See Krenn, H. W. & C. M. Penz, 1998.
- 1999a. See Srygley, R. B. and C. M. Penz, 1999.
- 1999b. Early stages of *Myscelia cyaniris* (Doubleday) from Panama (Nymphalidae, Nymphalinae). *Journal of the Lepidopterists' Society* 52(3): 338-341, 3 figs. (11 May) [egg, larva, pupa; host plant; behavior]
- 1999c. Higher level phylogeny for the passion-vine butterflies (Nymphalidae, Heliconiinae) based on early stage and adult morphology. *Zoological Journal of the Linnean Society* 127(3): 277-344, 15 figs. ([23] November) [general; systematics; Neotropics]
- 2000a. See DeVries, P. J. et al., 2000.
- 2000b. See DeVries, P. J. & C. M. Penz, 2000.
2001. See Srygley, R. B. & C. M. Penz, 2001.
- 2002a. See Hill, R. I. et al., 2002.
- 2002b. See DeVries, P. J. & C. M. Penz, 2002.
- 2004a. See Francini, R. B. et al., 2004.
- 2004b. See DeVries, P. J. et al., 2004.
2006. See Francini, R. B. & C. M. Penz, 2006.
- 2007a. Handbook of Zoology, Volume IV, Arthropoda: Insecta, edited by M. Fisher, Part 35 Lepidoptera, Moths and Butterflies, Volume 1: Evolution, Systematics and Biogeography, edited by N. Kristensen, 1998, and Volume 2: Morphology, Physiology, and Development, edited by N. Kristensen, 2003. *Journal of the Lepidopterists' Society* 63(1): 176-177 (24 October) [general; book review]
- 2007b. Evaluating the monophyly and phylogenetic relationships of Brassolini genera (Lepidoptera, Nymphalidae). *Systematic Entomology* 32(4): 668-689, 13 figs., 1 tab. (October); published online 26 July) [general; Neotropics]
- 2007c. See Austin, G. T. et al., 2007b.
2008. Phylogenetic revision of *Eryphanis* Boisduval, with a description of a new species from Ecuador (Lepidoptera, Nymphalidae). *Insecta Mundi* 35: 1-25, 7 figs. (6 June) [*E. greeneyi*; host plant]
- 2009a. The phylogeny of *Opoptera* butterflies, and an assessment of the systematic position of *O. staudingeri* (Lepidoptera, Nymphalidae). *Zootaxa* 1985: 1-20, 6 figs. (21 January) [general]
- 2009b. Phylogeny of *Dasyophthalma* butterflies (Lepidoptera, Nymphalidae, Brassolini). *Insecta Mundi* 69: 1-12, 3 figs. (10 April) [general; Brazil]
- 2009c. See Greeney, H. F. et al., 2009a.
- 2009d. See Garzón, I. J. & C. M. Penz, 2009.
- 2009e. See Casagrande, M. M. et al., 2009.
- 2010a. The butterflies of Venezuela, part 2: Nymphalidae II (Acraeinae, Libytheinae, Nymphalinae, Ithomiinae, Morphinae). By Andrew F. E. Neild, 2008. *Journal of the Lepidopterists' Society* 64(1): 50-51 (13 April) [general; book review]
- 2010b. See DeVries, P. J. et al., 2010.
- 2010c. See Greeney, H. F. et al., 2010d.
- 2011a. See Greeney, H. F. et al., 2011b.
- 2011b. See Nieuwerkerken, E. J. van et al., 2011.
2013. See Garzón, I. J. et al., 2013.
- 2015a. See Cespedes, A. et al., 2015.
- 2015b. *Follow the breadcrumb trail*, pp. 17-28, 3 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general; Neotropics]
2016. See Pinheiro, C. E. G. et al., 2016.
- 2017a. See Beirão, M. do V. et al., 2017.
- 2017b. See Kajin, M. et al., 2017.
- 2017c. *Exploring color pattern diversification in early lineages of Satyrinae (Nymphalidae)*, pp. 21-37, 8 figs. In: Sekimura, T. & H. F. Nijhout (Eds.), *Diversity and evolution of butterfly wing patterns. An integrative approach*. Singapore, Springer Nature. (published online 30 August) [general]
- 2017d. The ecology and evolution of *Heliconius* butterflies. Chris D. Jiggins. 2017. *American Entomologist* 63(3): E1, 1 fig. (11 September) [book review]
- 2018a. See Seraphim, N. et al., 2018.
- 2018b. See Chacón, I. A. et al., 2018.
2019. See Matos, P. F. et al., 2019.
- Penz, Carla Maria, Annette Aiello and Robert Baxter Srygley**
2000. Early stages of *Caligo illioneus* and *C. idomeneus* (Nymphalidae, Brassolinae) from Panama, with remarks on larval food plants for the subfamily. *Journal of the Lepidopterists' Society* 53(4): 132-152, 2 figs., 2 tabs. (22 June) [general]
- Penz, Carla Maria, Laura G. Alexander and Philip James DeVries**
2014. Revised species definitions and nomenclature of the rose colored *Cithaeris* butterflies (Lepidoptera, Nymphalidae, Satyrinae). *Zootaxa* 3873(5): 541-559, 9 figs. (20 October) [general; Central and South America]
- Penz, Carla Maria, and Aldo Mellender de Araújo**
1991. Interaction between *Papilio hectorides* (Papilionidae) and four host plants (Piperaceae, Rutaceae) in a southern Brazilian population. *Journal of Research on the Lepidoptera* 29(1/2): 161-171, 8 tabs. (31 December)
- Penz, Carla Maria, and Reinaldo Luiz Corrêa Bueno**
2018. Supernumerary larval molts are male-biased and lead to larger pupae size in *Papilio hectorides* (Papilionidae). *Journal of the Lepidopterists' Society* 72(3): 185-191, 1 fig., 4 tabs. (5 September) [host plants; Brazil]
- Penz, Carla Maria, Mirna Martins Casagrande, Philip James DeVries and Thomas Johannes Simonsen**
2017. Documenting diversity in the Amazonian butterfly genus *Bia* (Lepidoptera, Nymphalidae). *Zootaxa* 4258(3): 201-237, 12 figs. (28 April) [general; new taxa: *B. actorion ecuatoria*, *B. a. occulta*, *B. decaerulea cayana*, *B. d. pallida*, *B. rebeli aegina*, *B. r. acreana*, *B. r. arikeme*, *B. r. pareci*, *B. r. cuprea*, *B. r. tapajós*, *B. caelestis*, *B. pucallpa*; taxonomy; South America]

- Penz, Carla Maria, and Philip James DeVries**  
 1999. Preliminary assessment of the tribe Lemonyiini (Lepidoptera: Riodinidae) based on adult morphology. *American Museum Novitates* 3284: 1-32, 16 figs., 2 tabs. (8 December) [general; systematics; Neotropics]
2001. A phylogenetic reassessment of *Thisbe* and *Uraneis* butterflies (Riodinidae, Nymphidiini). *Contributions in Science. Natural History Museum of Los Angeles County* 485: 1-27, 78 figs. (3 April) [general; new subspecies: *T. irenea branca*; Central and South America]
2002. Phylogenetic analysis of *Morpho* butterflies (Nymphalidae, Morphinae): Implications for classification and natural history. *American Museum Novitates* 3374: 1-33, 17 figs., 2 tabs. (25 July) [general]
2004. *Catocyclotis aemulius adelina* (Riodinidae) revisited: It ain't necessarily so. *Journal of the Lepidopterists' Society* 58(3): 178-182, 3 figs. (27 October) [morphology; distribution; Costa Rica, Panama, Colombia, Brazil]
2006. Systematic position of *Apodemia paucipuncta* (Riodinidae), and a critical evaluation of the nymphidiine transtilla. *Zootaxa* 1190: 1-50, 20 figs., 3 tabs. (1 May) [new genera: *Hallonympha*, *Harveyope*]
- Penz, Carla Maria, Philip James DeVries, Jarle Tufto and Russell Lande**  
 2015. Butterfly dispersal across Amazonia and its implication for biogeography. *Ecography* 38(4)(S1): 410-418, 1 fig., 1 tab. (April) [*Morpho achilles* (Linnaeus), *Bia actorion* (Linnaeus)]
- Penz, Carla Maria, Philip James DeVries and Niklas Wahlberg**  
 2012. Diversification of *Morpho* butterflies (Lepidoptera, Nymphalidae): a re-evaluation of morphological characters and new insight from DNA sequence data. *Systematic Entomology* 37(4): 670-685, 3 figs., 2 tabs. (October; published online 11 September) [general]
- Penz, Carla Maria, and Ronaldo Bastos Francini**  
 1996. New species of *Actinote* Hübner (Nymphalidae: Acraeinae) from southeastern Brazil. *Journal of the Lepidopterists' Society* 50(4): 309-320, 4 figs. (30 December) [*A. dalmeidai*, *A. catarina*, *A. bonita*; distribution; life histories; host plants]
- Penz, Carla Maria, André Victor Lucci Freitas, Lucas Augusto Kaminski, Mirna Martins Casagrande and Philip James DeVries**  
 2013. Adult and early-stage characters of Brassolini contain conflicting phylogenetic signal (Lepidoptera, Nymphalidae). *Systematic Entomology* 38(2): 316-333, 9 figs., 1 tab. (April; published online 21 February) [general]
- Penz, Carla Maria, and Kyle B. Heine**  
 2016. Did adult diurnal activity influence the evolution of wing morphology in *Opoptera* butterflies? *Neotropical Entomology* 45(1): 50-57, 3 figs., 2 tabs. (February; published online 1 October 2015) [general; behavior]
- Penz, Carla Maria, and Harald Wolfgang Krenn**  
 2000. Behavioral adaptations to pollen-feeding in *Heliconius* butterflies (Nymphalidae, Heliconiinae): An experiment using *Lantana* flowers. *Journal of Insect Behavior* 13(6): 865-880, 3 figs., 3 tabs. (November) [general; Panama]
- Penz, Carla Maria, and Neda Mohammadi**  
 2013. Wing pattern diversity in Brassolini butterflies (Nymphalidae, Satyrinae). *Biota neotropica* 13(3): 154-180, 9 figs., 2 tabs. (13 September) [general; Neotropics]
- Penz, Carla Maria, Neda Mohammadi and Niklas Wahlberg**  
 2011b. Neotropical *Blepopenis* butterflies: wing pattern elements, phylogeny, and Pleistocene diversification (Lepidoptera, Nymphalidae). *Zootaxa* 2897: 1-17, 5 figs. (30 May) [Brazil, Paraguay, Uruguay]
- Penz, Carla Maria, and Djunijanti Peggie**  
 2003. Phylogenetic relationships among Heliconiinae genera based on morphology (Lepidoptera: Nymphalidae). *Systematic Entomology* 28(4): 451-479, 12 figs., 1 tab. (October) [general]
- Penz, Carla Maria, Thomas Johannes Simonsen and Philip James DeVries**  
 2011a. A new *Orobrossolis* butterfly (Nymphalidae, Brassolini): a casualty of habitat destruction? *Zootaxa* 2740: 33-43, 3 figs. (14 January) [*O. latusoris*; Brazil]
- Peña, Carlos**  
 2006. See Freitas, A. V. L. & C. Peña, 2006.  
 2007. See Wahlberg, N. & C. Peña, 2007.  
 2009. See Wahlberg, N. et al., 2009b.  
 2010. See Kodandaramaiah, U. et al., 2010.  
 2011a. See Marín, M. A. et al., 2011.  
 2011b. See Pulido, H. W. et al., 2011.  
 2012a. See Heikkilä, M. et al., 2012.  
 2012b. See Nyman, T. et al., 2012.  
 2013a. See Matos, P. F. et al., 2013.  
 2013b. See Wahlberg, N. et al., 2013.  
 2014. See Matos, P. F. et al., 2014.  
 2015. See Grishin, N. V. et al., 2015.  
 2017. See Marín, M. A. et al., 2017b.  
 2018a. See Rota, J. et al., 2018.  
 2018b. *Altinote rubrocellulata* (Hayward, 1960), p. 308, 1 map. In: SERFOR, *Libro rojo de la fauna silvestre amenazada del Perú*. Lima, Servicio Nacional Forestal y de Fauna Silvestre (August) [conservation]
- Peña, Carlos, and Marianne Espeland**  
 2015. Diversity dynamics in Nymphalidae butterflies: Effect of phylogenetic uncertainty on diversification rate shift estimates. *PLoS ONE* 10(4)(e0120928): 1-18, 4 figs., 3 tabs. (1 April) [general]
- Peña, Carlos, and Gerardo Lamas**  
 2005. Revision of the butterfly genus *Forsterinaria* Gray, 1973 (Lepidoptera: Nymphalidae, Satyrinae). *Revista peruana de Biología* 12(1): 5-48, 14 figs. (September; published online 20 September) [new taxa: *F. antje*, *F. coipa*, *F. enjuerma*, *F. falcata*, *F. guaniloi*, *F. itatiaia*, *F. pallida*, *F. p. aurita*, *F. pichita*, *F. pilosa*, *F. punctata*, *F. pyrczi*, *F. rotunda*, *F. rustica glendita*]
- Peña, Carlos, Sören Nylin, André Victor Lucci Freitas and Niklas Wahlberg**  
 2010. Biogeographic history of the butterfly subtribe Euptychiina (Lepidoptera, Nymphalidae, Satyrinae). *Zoologica Scripta* 39(3): 243-258, 4 figs., 3 tabs. (May) [general; Neotropics]
- Peña, Carlos, Sören Nylin and Niklas Wahlberg**  
 2011. The radiation of Satyrini butterflies (Nymphalidae: Satyrinae): a challenge for phylogenetic methods. *Zoological Journal of the Linnean Society* 161(1): 64-87, 8 figs., 2 tabs. (January; published online 13 January) [general; Neotropics]
- Peña, Carlos, and Niklas Wahlberg**  
 2008. Prehistorical climate change increased diversification of a group of butterflies. *Biology Letters* 4(3): 274-278, 2 figs. (23 June; published online 26 March 2008) [Satyrinae; biogeography, evolution]
- Peña, Carlos, Niklas Wahlberg, Elisabet Weingartner, Ullasa Kodandaramaiah, Sören Nylin, André Victor Lucci Freitas and Andrew Van Zandt Brower**  
 2006. Higher level phylogeny of satyrine butterflies (Lepidoptera: Nymphalidae) based on DNA sequence data. *Molecular Phylogenetics and Evolution* 40(1): 29-49, 7 figs., 3 tabs. (July; published online 24 March) [general]
- Peña, Eduardo Amador**

2006. See Tolosa, W. & E. A. Peña, 2006.
- Peña, J.**  
2009. See Parra, E. et al., 2009.
- Peña, Jaider Manuel**  
2011. See Yara, C. L. et al., 2011.
- Peña, Jaider Manuel, and Gladys Reinoso**  
2016. Mariposas diurnas de tres fragmentos de bosque seco tropical del Alto Valle del Magdalena, Tolima-Colombia. *Revista de la Asociación colombiana de Ciencias biológicas* 28: 57-66, 5 figs. [general]
- Peña, Jorge E.**  
2002a. See Gold, C. S. et al., 2002.  
2002b. See Wysoki, M. et al., 2002.  
2004. *Tropical fruit pests and their management*, pp. 2348-2359, fig. 1083. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 3. [Ed. 2, 2008] [general; host plants]
- Peña, Jorge E., and Fred Douglas Bennett**  
1995. Arthropods associated with *Annona* spp. in the Neotropics. *Florida Entomologist* 78(2): 329-349, 1 tab. (June) [general; host plants]
- Peña, Jorge E., Hannah Nadel, Mônica Josene Barbosa-Pereira and Dan Smith**  
2002. *Pollinators and pests of Annona species*, pp. 197-221, 2 figs., 1 tab. In: Peña, J. E., J. L. Sharp & M. Wysoki (Eds.), *Tropical fruit pests and pollinators. Biology, economic importance, natural enemies and control*. Wallingford, CABI Publishing. [*Thecla ortygna* (Cramer); Neotropics]
- Peña, Luis Enrique** [1921 -1995]  
1951. Algunos lepidópteros ropalóceros de Tarapacá (9-X-1951). *Revista chilena de Entomología* 1: 262 (27 December) [general; Chile]  
1955. Exploraciones en la Cordillera de Antofagasta. *Revista chilena de Historia natural* 54(14): 163-185, 14 figs., 1 map. ("1954", after 10 June 1955) [general; ecology; behavior; Chile]  
1961. I. Explorations in the Antofagasta Range, with observations on the fauna and flora, pp. 3-28, 1 pl., 4 figs., 1 map. In: Results of research in the Antofagasta Ranges of Chile and Bolivia. *Postilla* 49: 1-56 (23 June) [general]  
1962. A range of contrast. *Natural History* (New York) 71(6): 62-65, figs. (June-July) [general; Chile]  
1963. Exploraciones en la Cordillera de Antofagasta. Extrañas aves, raras mariposas y plantas observadas. *Revista universitaria. Universidad católica de Chile* (Santiago de Chile) 47(52): 209-217, 2 pls. ("1962", 1963) [general; Chile]  
1964a. Mariposas que viven a grandes alturas en Antofagasta. *Noticiero mensual. Museo nacional de Historia natural* (Santiago de Chile) 8(94): [2]-[4] (May) [general; behavior; Chile]  
1964b. Nuevas especies de mariposas para Chile (Rhopalocera). *Noticiero mensual. Museo nacional de Historia natural* (Santiago de Chile) 8(96): [8] (July) [general; Argentina]  
1964c. Sobre los 4.000 mts. en la Cordillera de los Andes. *Noticiero mensual. Museo nacional de Historia natural* (Santiago de Chile) 9(98): [2]-[6] (September) [general; Chile]  
1964d. *Hypsochila* (*Hypsochila*) *huemul*, nueva especie de Lepidoptera Pieridae de Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 28(3): 151-154, figs.  
1968a. Nueva subespecie de mariposa de Chile. *Argyrophorus argenteus barrosi*, Nov. Ssp. (Lepidoptera-Satyridae). *Boletín de la Sociedad de Biología de Concepción* 40: 91-95, 4 figs. ("1965-1966", 20 June 1968).  
1968b. Observaciones sobre mariposas de Chile (Lepidoptera). *Boletín de la Sociedad de Biología de Concepción* 40: 95-99, figs. 5-8 ("1965-1966", 20 June 1968) [general; taxonomy; distribution]  
1968c. El género *Argopteron*, con descripción de una nueva especie (Lepidoptera: Hesperidae). *Revista chilena de Entomología* 6: 65-68, figs. (23 December) [*A. aureum*; Chile]  
1968d. Distribución de algunas mariposas en Chile. *Revista chilena de Entomología* 6: 140-141, 1 fig. (23 December) [*Hypsochila*; *Diogas erippus* (Cramer)]  
1971a. Presencia de la "mariposa de la alfalfa", *Colias lesbia* Fabr., en Chile (Lepidoptera, Pieridae). *Noticiero mensual. Museo nacional de Historia natural* (Santiago de Chile) 15(177): 9 (April)  
1971b. Insectos de la región altiplánica andina. Mariposas poco conocidas y nuevas para Argentina. *Anales del Museo de Historia natural de Valparaíso* 4: 267-276, 2 pls., 2 figs. (after 22 October) [general; zoogeography; Chile]  
1974. Los tipos de insectos de la colección Luis E. Peña G. *Boletín de la Sociedad de Biología de Concepción* 47: 259-282 (30 July) [general; Chile, Argentina, Ecuador]  
1975a. La hembra de *Hypsochila* (*Chianonema*) [sic] *penai* Ur. (Lepidoptera, Pieridae). *Revista chilena de Entomología* 8: 39 ("1974", February 1975) [Chile]  
1975b. *Expedición a Chile. Guía para reconocer mariposas*. Santiago de Chile, Editora Nacional Gabriela Mistral. 120 pp., figs. (August) [general]  
[1980]. *Mariposas de Chile*. Santiago de Chile, Editorial Lord Cochrane S. A. [130] pp., 52 pls., figs. [general]  
1988. *Introducción a los insectos de Chile*. Santiago de Chile, Editorial Universitaria. 256 pp., pls., figs. (July) [Ed. 1, 1987; Ed. 5, 1998] [general]
- Peña, Luis Enrique, and Gerardo Barria**  
1972. El archipiélago de Cabo de Hornos y sus islas Navarino, Picton, Lenox, Nueva e islotes vecinos (Algunos aspectos de la biogeografía, fauna y flora). *Anales del Museo de Historia natural de Valparaíso* 5: 195-199, 1 map. [Pieridae, Satyrinae; Chile]
- Peña, Luis Enrique, and Alfredo J. Ugarte**  
1997. *Las mariposas de Chile. The butterflies of Chile*. Santiago de Chile, Editorial Universitaria. 359 pp., figs., maps (July) [general]
- Peña, M.**  
1947. *Enfermedades de los frutales cítricos*. Buenos Aires, Editorial Atlántida. (*Biblioteca de "La Chacra"*, vol. 9b). 256 pp., figs. [*Papilio* spp.; host plants; Argentina]
- Peña, Rebeca**  
2012. See Terrón, R. A. et al., 2012.
- Peña, Rebeca, and Juan Antonio Sifuentes**  
1973a. Lista de nombres científicos y comunes de plagas agrícolas en México, 1972. *Agricultura técnica en México* 3(4): 132-144, 8 figs. (January) [general; host plants]  
1973b. Lista de cultivos y sus principales plagas en México, 1973. *Agricultura técnica en México* 3(5): 178-193, figs. [general; host plants]
- Peña, Wenceslao**  
[2018]. See Vásquez, J. et al., [2018].
- Peña, Yuli Andrea, and Daniel Eduardo Rodríguez**  
2015. Algunos aspectos sobre la cría controlada de *Ascia monuste monuste* (Lepidoptera: Pieridae: Pierinae) en el Municipio de Arbeláez (Cundinamarca). *Revista de la Facultad de Medicina veterinaria y Zootecnia* (Bogotá) 62(3): 58-74, 8 figs., 5 tabs. (December) [host plants;

Colombia]

**Peñalver, Enrique, and David Alan Grimaldi**

2006. New data on Miocene butterflies in Dominican amber (Lepidoptera: Riodinidae and Nymphalidae) with the description of a new nymphalid. *American Museum Novitates* 3519: 1-17, 5 figs. (31 July) [*Dynamine alexae*; Dominican Republic]

**Peñaranda, José**

1995. See Moreno, L. P. et al., 1995.

**Peñuela, Mauricio**

[2014]. See Granobles, O. et al., [2014].

**Pepi, Beatriz**

1986. See Saini, E. D. et al., 1986.

**Pequeno, Pedro Aurélio Costa Lima**

2017a. See Graça, M. B. C. S. da et al., 2017a.

2017b. See Graça, M. B. C. S. da et al., 2017b.

2017c. See Graça, M. B. C. S. da et al., 2017c.

**Perales, Hugo**

2006. See Santiago, J. A. et al., 2006.

2008. See Santiago, J. A. et al., 2008.

**Peralta, Armando**

2002. See Brower, L. P. et al., 2002.

**Peralta-Cisneros, Jessica Magali, Adriana Gabriela Trejo-Loyo, Alicia Fonseca-González, Sandra López-Gutiérrez, María del Rosario Silvestre-Trujillo and Milagros Córdova-Athanasiadis**

2018. Especies de Papilionidae y Pieridae (Lepidoptera: Papilionoidea) del Museo de Medicina Tradicional y Jardín Etnobotánico INAH, Cuernavaca, Morelos, México. *Entomología mexicana* 5: 274-280, 1 fig., 2 tabs. (July) [general]

**Peraza, Camilo Arturo**

[2004]. See Díazgranados, M. et al., [2004].

**Perazzolo, M. de L.**

1990. See Bergmann, E. C. et al., 1990.

**Percheron, Achille Rémy [1797-1869]**

1835a. Céthosie, *Cethosia*, p. 66. In: Guérin-Méneville, F.-É. (Ed.), *Dictionnaire pittoresque d'Histoire naturelle et des Phénomènes de la Nature, contenant l'Histoire des Animaux, des Végétaux, des Minéraux, des Météores, des principaux phénomènes physiques et des curiosités naturelles, avec des détails sur l'emploi des productions des trois règnes dans les usages de la vie, les arts et métiers et les manufactures*. Paris. 2. [*C. dido* (Fabricius), *C. phaerusa* (Fabricius)]; Brazil, Surinam]

1835b. Danaide, *Danaïs*, p. 466. In: Guérin-Méneville, F.-É. (Ed.), *Dictionnaire pittoresque...* Paris. 2. [*D. archippus* (Fabricius); West Indies, South America]

1835c. Erycine, *Erycina*, pp. 107-108. In: Guérin-Méneville, F.-É. (Ed.), *Dictionnaire pittoresque...* Paris. 3. [*E. cupido* (Linnaeus); Surinam]

1835d. Heliconie, *Heliconia*, pp. 576-577. In: Guérin-Méneville, F.-É. (Ed.), *Dictionnaire pittoresque...* Paris. 3. [general]

1835e. Hespérie, *Hesperia*, pp. 605-607. In: Guérin-Méneville, F.-É. (Ed.), *Dictionnaire pittoresque...* Paris. 3. [*H. proteus* (Fabricius); South America]

1835f. See Guérin-Méneville, F.-É. & A. R. Percheron, 1835.

1837. Morphon ou Morpho, *Morpho*, pp. 450-452. In: Guérin-Méneville, F.-É. (Ed.), *Dictionnaire pittoresque...* Paris. 5. [general]

1838. Nymphale, *Nymphalis*, pp. 182-187. In: Guérin-Méneville, F.-É. (Ed.), *Dictionnaire pittoresque...* Paris. 6. [general]

1850. *Histoire naturelle des Papillons*. Paris, Napoleon Chaix et Cie. 180 pp., 25 pls., figs. [general; morphology; larvae, imagines; Neotropics]

**Percival, Mary**

1974. Floral ecology of coastal scrub in southeast Jamaica. *Biotropica* 6(2): 104-129, 4 figs., 11 tabs. (July) [general; pollinators]

**Perdizio, Viviane Abrantes**

2010. See Jardim, B. de C. et al., 2010.

**Perdomo, Laura**

1999. See Elster, C. et al., 1999.

**Perecin, Dilermando**

1983. See Bortoli, S. A. de et al., 1983.

**Peredo, Santiago**

1993. See Parada, E. et al., 1993.

**Pereira, Alexandre Igor de Azevedo**

2014. See Tavares, W. de S. et al., 2014.

**Pereira, Daniel Santiago, Raimundo Maciel Sousa, Patricio Borges Maracajá, Charle da Silva Paiva and Paulo César Ferreira Linhares**

2011. Entomofauna visitante de (*Merremia aegyptia*) em Queixeramobim – Estado do Ceará – Brasil. *Revista Verde (Mossoró)* 6(3): 240-246, 2 figs. (after 12 October) [general]

**Pereira, Danielle Aragão**

2015. See Ramos, M. V. et al., 2015.

**Pereira, Eliseu José Guedes**

2002. See Crespo, A. L. B. et al., 2002.

**Pereira, Fabrício Fagundes**

2009. See Zanuncio, J. C. et al., 2009.

**Pereira, Geanne Carla Novais**

2018. See Pires, A. C. V. et al., 2018.

**Pereira, Geanne Carla Novais, Marcel Serra Coelho, Marina do Vale Beirão, Rodrigo Fagundes Braga and Geraldo Wilson Fernandes**

2017. Diversity of fruit-feeding butterflies in a mountaintop archipelago of rainforest. *PLoS ONE* 12(6)(e0180007): 1-20, 5 figs., 4 tabs. (30 June) [general; Brazil]

**Pereira, Helder Antunes, Juliana Rezende da Silva, Graziella Diogenes Vieira Marques, Erika Germanos, Amabilio José Aires de Camargo and Vanessa Stefani**

2011. Levantamento de lepidópteros (Insecta: Lepidoptera) diurnos em mata mesófila semi decidua de um fragmento urbano. *Bioscience Journal* (Uberlândia) 27(5): 839-848, 1 fig., 1 tab. (October) [general; Brazil]

**Pereira, Laodicéia Lopes, Luis Anderson Ribeiro Leite and Sonia Sin Singer Brugiole**

2015. Riqueza de Lepidoptera (Papilionoidea e Hesperioidea) em dois fragmentos urbanos de floresta ombrófila mista no campus da Universidade Federal do Paraná (Curitiba, Paraná, Brasil). *Revista brasileira de Zoociências* 16: 105-121, 91 figs., 1 tab. (September) [general]

**Pereira, Norma Eliane**

2012. Mattos Sobrinho, C. C. de et al., 2012.

**Pereira, Orlando Libório Júnior, Wilson Wolter, Filho, Esther Levy Aguiar Wolter, Maria das Graças Bichara Zoghbi, Jane Beatriz Gonçalves Siqueira and Carlos Cleomir de Souza Pinheiro**

1994. Atividade biológica de um novo triterpeno isolado de *Guarea carinata* (Meliaceae). *Acta amazonica* (Manaus) 23(2/3): 173-176, 1 fig., 3 tabs. ("April-September 1993", August 1994) [*Urbanus acawoios* (Williams); host plant; Brazil]

**Pereira, Surama, Walisson Mickael Alves Rezende and Joseleide Teixeira Câmara**

2018. Borboletas (Lepidoptera: Papilionoidea e Hesperioidea) da Reserva Biológica do Gurupi, Maranhão, Brasil. *EntomoBrasilis* 11(2): 124-138, 2 figs., 3 tabs. (31 August) [general]

**Pereira, Tania, Amarildo Pasini and Emerson Durski Machado**

- de Oliveira**  
2003. Biología e preferência alimentar de *Ascia monuste orseis* (Latreille) (Lepidoptera: Pieridae) na planta invasora *Raphanus raphanistrum* L. *Neotropical Entomology* 32(4): 727-727, 2 tabs. (October-December) [Brazil]
- Pereira, Thayane**  
2017. See Lepesqueur, C. et al., 2017.
- Peres, Carlos Augusto da Silva**  
2003. See Cristoffer, C. & C. A. da S. Peres, 2003.  
2007a. See Barlow, B. J. et al., 2007a.  
2007b. See Barlow, B. J. et al., 2007b.  
2008a. See Gardner, T. A. et al., 2008.  
2008b. See Barlow, B. J. et al., 2008.  
2018. See Montejo-Kovacevich, G. et al., 2018.
- Peres, Marcelo Cesar Lima**  
2009. See Vasconcelos, R. N. de et al., 2009.
- Peres Filho, Otávio**  
2013. See Dorval, A. et al., 2013.
- Pérez, Alejandro**  
2011. See Bonebrake, T. C. et al., 2011.
- Pérez, Alina**  
2006. See Domínguez, C. J. et al., 2006.
- Pérez, Arnoldo, Félix Moreno, Javier Sánchez, Diana C. Arias and Carlos E. Sarmiento**  
2012. Registro de *Conura* sp. grupo immaculata (Hymenoptera: Chalcididae) parasitando *Leptophobia aripa* (Lepidoptera: Pieridae) en *Brassica oleracea* var. *italica*. *Entomotropica* 27(2): 99-101 (August) [host plant; Venezuela]
- Pérez, Betzabeth Cecilia**  
2011. See Aragón, A. et al., 2011.  
2012. See Díaz, M. A. et al., 2012.
- Pérez, Betzabeth Cecilia, Agustín Aragón, Miguel Aragón and Jesús Francisco López**  
2015. *Metodología para la reproducción de insectos en laboratorio*. Puebla, Benemérita Universidad Autónoma de Puebla. 190 pp., 86 figs., 7 tabs. (30 November) [*Aegiale hesperiaris* (Walker); Mexico]
- Pérez, Betzabeth Cecilia, Agustín Aragón, Néstor Bautista, Ana María Tapia and Jesús Francisco López**  
2009. Entomofauna asociada al cultivo de jamaica (*Hibiscus sabdariffa* L.) en el Municipio de Chiautla de Tapia, Puebla. *Acta zoológica mexicana* (N. S.) 25(2): 239-247, 2 tabs. (August) [*Pholisora catullus* (Fabricius); host plant; Mexico]
- Pérez, Betzabeth Cecilia, Agustín Aragón, Ricardo Pérez, Luis Ricardo Hernández and Jesús Francisco López**  
2011. Estudio entomofaunístico del cultivo de amaranto (*Amaranthus hypochondriacus* L.) en Puebla, Mexico. *Revista mexicana de Ciencias agrícolas* 2(3): 359-371, 1 tab. (June) [*Pholisora catullus* (Fabricius); host plant]
- Pérez, Blas, Carlos M. Palau, Vivian Brito, Silverio Blanco and Maricela Guerra**  
1999. Listado de lepidópteros (Rhopalocera) del área protegida El Naranjal, Sancti Spíritus. *Cocuyo* 8: 20 (August) [general; Cuba]
- Pérez, Carmen Susana**  
2015. See Sermeño, J. M. et al., 2015c.  
2016. See Sermeño, J. M. et al., 2016.
- Pérez, Dagoberto**  
2014a. See Sermeño, J. M. et al., 2014a.  
2014b. See Sermeño, J. M. et al., 2014b.  
2015a. See Sermeño, J. M. et al., 2015a.  
2015b. See Sermeño, J. M. et al., 2015b.  
2015c. See Sermeño, J. M. & D. Pérez, 2015a.  
2015d. See Sermeño, J. M. & D. Pérez, 2015b.  
2015e. See Sermeño, J. M. & D. Pérez, 2015c.
- 2015f. See Sermeño, J. M. et al., 2015c.  
2016. See Sermeño, J. M. et al., 2016.  
2019. See Sermeño, J. M. et al., 2019.
- Pérez, David**  
2014. See Bolaños, S. I. et al., 2014.
- Pérez, Eglis, R. Orta and María A. Martínez**  
1988. Influencia de *Hemiargus hanno filenus* (Poey) sobre el potencial reproductivo de *Mimosa pudica* L. *Revista Biología* (La Habana) 2(2): 65-68, 1 fig., 1 tab. [host plant; Cuba]
- Pérez, Evelyn**  
2010. See Whaley, O. et al., 2010.
- Pérez, Fernanda, Mary Therese Kalin Arroyo, Rodrigo Medel and Mark A. Hershkovitz**  
2006. Ancestral reconstruction of flower morphology and pollination systems in *Schizanthus* (Solanaceae). *American Journal of Botany* 93(7): 1029-1038, 4 figs., 3 tabs. (July) [*Tatochila*; pollination; Chile]
- Pérez, Filonila**  
2015. See Basset, Y. et al., 2015.  
2017. See Basset, Y. et al., 2017.
- Pérez, Gerardo**  
2013. See González, M. P. et al., 2013.
- Pérez, Héctor**  
1962. See Vázquez, L. & H. Pérez, 1962.  
1967a. See Vázquez, L. & H. Pérez, 1967.  
1967b. Estudio morfológico de los estados larvarios de *Baronia brevicornis* Salv. y su importancia. *Folia entomologica mexicana* 15/16: 43-44 (October) [abstract; Mexico]  
1970. See Eisner, T. et al., 1970.  
1972a. Quetotaxia y morfología de la oruga de *Baronia brevicornis* Salv. (Lepidoptera Papilionidae Baroniinae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 40(2): 227-244, 20 figs., 3 tabs. ("1969", 1972) [Mexico]  
1972b. See Yuste, F. et al., 1972.  
1973. Algunas consideraciones sobre la población de *Baronia brevicornis* Salv. (Lepidoptera, Papilionidae, Baroniinae) en la región de Mezcala, Guerrero. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 42(1): 63-72, 11 graphs ("1971", 31 January 1973) [ecology; Mexico]  
1978. El criterio ecológico aplicado a la distribución geográfica de *Baronia brevicornis* Salv. (Lepidoptera, Papilionidae, Baroniinae). *Folia entomologica mexicana* 39/40: 212-213 (June) [abstract; Mexico]  
1979. Distribución geográfica y estructura poblacional de *Baronia brevicornis* Salv. (Lepidoptera, Papilionidae, Baroniinae) en la República Mexicana. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 48(1): 151- 164, 2 figs., 2 tabs., 1 graph, 1 map ("1977", 30 March 1979)  
1984. See Vázquez, L. & H. Pérez, 1984.
- Pérez, Héctor, and Rosa Sánchez**  
1986. Algunos aspectos demográficos de *Baronia brevicornis* Salv. (Lepidoptera: Papilionidae, Baroniinae) en dos localidades de México. *Anales del Instituto de Biología, Universidad nacional autónoma de México (Zoología)* 57(1): 191-198, 2 figs., 2 tabs. (30 December)
- Pérez, Ignacio**  
2011. See Aragón, A. et al., 2011.
- Pérez, Isidro**  
2016. See González, N. A. et al., 2016.
- Pérez, Johan Hernán**  
2013. See Páez, E. S. et al., 2013.
- Pérez, Johan Hernán, F. G. Gaviria, W. I. G. Santos, Eduardo**

- Carneiro, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2017b. Long term survey of the butterfly fauna of Curitiba, Paraná, Brazil: How does a scientific collection gather local biodiversity information? (Lepidoptera: Papilionoidea). *Shilap* 45(179): 433-446, 2 figs., 1 tab. (30 September) [general]
- Pérez, Johan Hernán, Cristian Alexander Rocha, Edwin Steele Páez and Gloria Leonor Gutiérrez**
2013. *Guía didáctica de campo para la conservación de mariposas diurnas (Lepidoptera: Papilionoidea; Hesperioidea) presentes en el Municipio de Barbosa Santander, Colombia*, pp. 787-792, 2 figs., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [general]
- Pérez, Johan Hernán, Rafael Eduardo Sánchez and Deisy Johana Salcedo**
- 2017a. Diversidad de mariposas presentes en la Escuela de Policía Rafael Reyes de Santa Rosa de Viterbo, Boyacá, Colombia (Lepidoptera: Papilionoidea). *Shilap* 45(178): 343-352, 3 figs., 1 tab. (30 June) [general]
- Pérez, José Enrique** [1955- ]
- 1983a. See Lamas, G. & J. E. Pérez, 1983a.
- 1983b. See Lamas, G. & J. E. Pérez, 1983b.
1987. See Lamas, G. & J. E. Pérez, 1987.
- Pérez, Juan**
2012. See Ángel, M. D. & J. Pérez, 2012.
- Pérez, Juan, María Divina Ángel, and Elías Hernández**
2008. *Aportaciones a la biología de Chlosyne ehrenbergii (Striped Patch) (Lepidoptera: Nymphalidae) plaga de Buddlejia sessiliflora Kunth planta medicinal*, pp. 194-197, 1 fig. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 7. México, Sociedad mexicana de Entomología. [host plant; Mexico]
- Pérez, Martha** [1947- ], **Alicia Otazo and Alejandro Barro**
2011. *Comunicación*, pp. 44-53, figs. 108-130. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba*. Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [general; ecology; behavior]
- Pérez, Mayda**
1998. See Hurtado, L. et al., 1998.
- Pérez, Moisés Elías**
2016. See Van den Berghe, E. P. et al., 2016.
- Pérez, Néstor**
2015. See Agudelo, J. C. & N. Pérez, 2015.
2018. See Agudelo, J. C. et al., 2018.
- Pérez, Paola Grisel**
2012. See Corona, M. de los Á. et al., 2012.
- Pérez, Ramón**
1978. Mortandad de lepidópteros en Quintana Roo, Mexico. *Boletín informativo. Sociedad mexicana de Lepidopterología* 4(4): 15-16 (July-August) [*Eurytides philolaus* (Boisduval)]
- Pérez, Raúl**
1947. Primera lista de hexápodos de Bolivia. *Boletín entomológico. Departamento de Sanidad vegetal. Dirección general de Agricultura. Ministerio de Agricultura* (La Paz) 1: 1-12 (August) [*Papilio thoas* (Linnaeus), *Colias lesbia* (Fabricius), *Ascia monuste* (Linnaeus); host plants]
- Pérez, Ricardo**
2011. See Pérez, B. C. et al., 2009.
- Pérez, Vicente**
- 1965a. El "Catálogo de Lepidópteros de Chile" de Emilio Ureta Rojas. *Noticiario mensual. Museo nacional de Historia natural* (Santiago de Chile) 9(104): [1]-[6] (March) [general]
- 1965b. "Catálogo de lepidópteros de Chile" del Dr. Emilio Ureta Rojas. *Publicaciones ocasionales del Museo nacional de Historia natural* (Santiago de Chile) 6: 1-15. [general]
1967. Los insectos en el "Saggio" de Molina. *Serie educativa. Museo nacional de Historia natural* (Santiago de Chile) 7: 1-15 [*Papilio leucothea* Molina, *P. psittacus* Molina; Chile]
1970. Nota sobre *Agraulis vanillae* (Linnaeus, 1758). *Noticiario mensual. Museo nacional de Historia natural* (Santiago de Chile) 14(167): 5 (June) [Chile]
1989. See Herrera, J. V. & V. Pérez, 1989.
1996. Lista de las especies de mariposas diurnas (Lepidoptera: Rhopalocera) de Magallanes y clave para su identificación. *Anales del Instituto de la Patagonia (Ciencias naturales)* 24: 49-64, 3 pls., 3 figs. (November) [general; Chile]
- Pérez, Vicente, Eduardo Faúndez, Daniela Vargas, Alvaro Zúñiga and Nicolás Butorovic**
2005. El regreso de la mariposa colorada *Cynthia carye* (Hübner 1812) (Lepidoptera: Nymphalidae) a Punta Arenas, Región de Magallanes. *Anales del Instituto de la Patagonia* 33: 37-40, 1 fig. [host plants; Chile]
- Pérez, Vicente, Erika Mutschke and Magaly Vera**
1998. Hexápodos (Arthropoda: Parainsecta e Insecta) en territorios en proceso de desglaciación y revegetación en Fuego-Patagonia (Chile). *Anales del Instituto de la Patagonia (Ciencias naturales)* 25: 57-76, 11 tabs., 1 map ("1997", January 1998) [Pieridae]
- Pérez-Anaya, Oskarly**
2017. See Castro-Ibarra, C. et al., 2017.
- Pérez-Asso, Antonio Ramón** [1955- ]
- 2017a. See Núñez, R. et al., 2017a.
- 2017b. See Núñez, R. et al., 2017b.
- Pérez-Asso, Antonio Ramón, Julio Antonio Genaro, Ruth Hortensia Bastardo and Amador López**
2017. *Mariposas de La Española. Butterflies of Hispaniola*. Puerto Rico, Editorial Cocuyo. 243 pp., figs. [general; Haiti, República Dominicana]
- Pérez-Asso, Antonio Ramón, Julio Antonio Genaro and Orlando Hilario Garrido**
2009. *Las mariposas de Puerto Rico. Butterflies of Puerto Rico*. Puerto Rico, Editorial Cocuyo. [8] + 140 pp., figs. [general]
- Pérez-Asso, Antonio Ramón, Rayner Núñez and Julio Antonio Genaro**
2016. Morphology and COI barcodes reveal four new species in the *lyceius* group of *Calisto* (Lepidoptera, Nymphalidae, Satyrinae). *Zootaxa* 4170(3): 401-450, 108 figs., 5 tabs. (26 September) [*C. mariposa*, *C. azua*, *C. victori*, *C. samana*]; phylogeny; ecology; Dominican Republic, Haiti, Jamaica]
- Pérez-Crespo, María José, Juan Francisco Ornelas, Silvana Martén-Rodríguez, Antonio González-Rodríguez and Carlos Lara**
2016. Reproductive biology and nectar production of the Mexican endemic *Psittacanthus auriculatus* (Loranthaceae), a hummingbird-pollinated mistletoe. *Plant Biology* 18(1): 73-83, 4 figs., 3 tabs. (January; published online 22 July 2015) [general; Mexico]
- Pérez-de la Cruz, Manuel**
2017. See Jiménez-Pérez, N. del C. et al., 2017.
- Pérez-de la Cruz, Manuel, Saúl Sánchez-Soto, Carlos F. Ortiz, Raúl Zapata and Aracely de la Cruz**
2007. Diversidad de insectos capturados por arañas tejedoras (Arachnida: Araneae) en el agroecosistema cacao en Tabasco, México. *Neotropical Entomology* 36(1): 90-101, 11 tabs. (January-February) [general]

- Pérez-Espinoza, Francisco**  
2004. See León, J. L. et al., 2004.
- Pérez-Espona, Silvia**  
2010. See Baxter, S. W. et al., 2010.
- Pérez-Flores, Julián**  
2016. See Hernández-Martínez, M. Y. et al., 2016.
- Pérez-Gálvez, Fernán**  
2017. See Pfeiler, E. J. et al., 2017.
- Pérez-García, Oscar, Tamara J. Benjamin and Diego Enrique Tobar**  
2018. Los agroecosistemas cafetaleros modernos y su relación con la conservación de mariposas en paisajes fragmentados. *Revista de Biología tropical* 66(1): 394-402, 2 figs., 2 tabs. (March; published online 1 March) [general; Costa Rica]
- Pérez-Gelabert, Daniel Ernesto**  
1999. Catálogo sistemático y bibliografía de la biota fósil en ámbar de la República Dominicana. *Hispaniolana* (Nueva serie) 1: 1-65, figs. (November) [Riodinidae]  
2008. Arthropods of Hispaniola (Dominican Republic and Haiti): a checklist and bibliography. *Zootaxa* 1831: 1-530, 2 figs., 3 tabs. (30 July) [general]  
2015. Entomofauna de la Reserva Científica Ébano Verde, Cordillera Central, República Dominicana. *Novitates Caribaea* 8: 61-81, 3 figs., 2 tabs. (October) [general]
- Pérez-Gelabert, Daniel Ernesto, Ruth Hortensia Bastardo and Sardis Medrano**  
2011. Entomofauna del Parque Nacional Loma Nalga de Maco y alrededores, Provincia Elías Piña, República Dominicana. *Novitates caribaea* 4: 80-90, 2 tabs. (June) [general]
- Pérez-Jarillo, Elsi Bertha, Ignacio Castellanos and José Luis Salinas**  
2019. New record of *Atlides halesus* (Cramer) (Lepidoptera: Lycaenidae) in Pachuca, Hidalgo, Mexico. *Florida Entomologist* 102(2): 444-446, 2 figs. (June; published online 14 June)
- Pérez-Miranda, Ramiro, Martín Enrique Romero-Sánchez, Antonio González-Hernández, Eduardo Pérez-Sosa and Eulogio Flores-Ayala**  
2017. Distribución del *Abies religiosa* (Kunth) Schltdl. & Cham. bajo escenarios de cambio climático en el Eje Neovolcánico, México. *Agroproductividad* 10(8): 29-34, 3 figs., 2 tabs. (August) [*Danaus plexippus* (Linnaeus)]
- Pérez-Moreno, Luis**  
2019. See León-Galván, G. del C. et al., 2019.
- Pérez-Piedrabuena, Fernando**  
2017. See Bentancur, M. G. et al., 2017.
- Pérez-Ramírez, Miguel**  
2017. See Vázquez-Elorza, A. et al., 2017.
- Pérez-Salicrup, Diego Rafael**  
2011. See Navarrete-Heredia, J. L. et al., 2011.  
2015. See Martínez-Torres, H. et al., 2015.
- Pérez-Sosa, Eduardo**  
2017. See Pérez-Miranda, R. et al., 2017.
- Pérez-Torres, Jairo**  
2017. See Coral-Acosta, N. & J. Pérez-Torres, 2017.
- Perfecto, Ivette, Alexandre H. Mas, Thomas V. Dietsch and John Vandermeer**  
2003. Conservation of biodiversity in coffee agroecosystems: a tri-taxa comparison in southern Mexico. *Biodiversity and Conservation* 12(6): 1239-1252, 3 figs., 3 tabs. (June) [general]
- Persson, Viveca**  
1997. See Knapp, S. et al., 1997.
- Périco, Eduardo**  
1995. Interação entre quatro espécies de Heliconiini (Lepidoptera: Nymphalidae) e suas plantas hospedeiras (Passifloraceae) em uma floresta secundária do Rio Grande do Sul, Brasil. *Biociências* 3(2): 3-18, 1 fig., 7 tabs. (30 December) [*Agraulis vanillae maculosa* Stichel, *Dryas iulia* (Fabricius), *Heliconius ethilla narcaea* Godart, *H. erato phyllis* (Fabricius); ecology]  
2015. See Schmidt, C. A. & E. Périco, 2015.
- Périco, Eduardo, and Aldo Mellender de Araújo**  
1991. Suitability of host plants (Passifloraceae) and their acceptableness by *Heliconius erato* and *Dryas iulia* (Lepidoptera: Nymphalidae). *Evolución biológica* 5: 59-74, 1 fig., 9 tabs. (August) [Brazil]
- Perillo, Lucas Neves**  
2019. See Rosa, A. H. B. et al., 2019a.
- Perioto, Nelson Wanderley**  
2012. See Lara, R. I. R. et al., 2012.
- Perkins, Lily**  
1933. Observations on two Jamaican nymphaline butterflies - *Lucinia cadma*, Drury, and its model *Dynamine (Eubagis) egaea*, F. (zetes, Men.). *Proceedings of the royal entomological Society of London (A)* 8(1): 3-6 (30 June) [behavior]  
1941. Butterflies of the Clydesdale area. *Natural History Notes of the natural History Society of Jamaica* 1(3): 5 (September) [general; Jamaica]  
1942. How to make a butterfly collection. *Natural History Notes of the natural History Society of Jamaica* 1(5): 9-12 (May) [general; Jamaica]  
1943a. The December field trip. *Natural History Notes of the natural History Society of Jamaica* 1(9): 3-4 (January) [general; Jamaica]  
1943b. Butterflies and moths. *Natural History Notes of the natural History Society of Jamaica* 2(14): 27-29 (November) [also in *Glimpses of Jamaican Natural History*. Kingston, The Institute of Jamaica. 1: 36-39 (July 1945); Ed. 2, 1949] [*Papilio homerus* Fabricius, *P. thersites* Fabricius; Jamaica]
- Perkins, Robert Cyril Layton [1866-1955], and Otto Herman Swezey**  
1924. The introduction into Hawaii of insects that attack *Lantana*. *Bulletin of the Experiment Station of the hawaiian Sugar Planters' Association (Entomological Series)* 16: [iv] + 1-83, pl. 1, 7 figs. (September) [*Thecla* spp.; Mexico]
- Pernia, Boaneg**  
1985. Insectos. *Revista Así* (San Cristóbal, Mérida, Venezuela) 1(3): 8-11, figs. [general; Venezuela]
- Perruolo, Gustavo**  
2013. See Orellana, A. M. et al., 2013.
- Perry, George [1771- ?]**  
1810-11. *Arcana; or the Museum of Natural History: containing the most recent discovered objects. Embellished with coloured plates, and corresponding descriptions; with extracts relating to animals, and remarks of celebrated travellers; combining a general survey of Nature*. London, James Stratford. Twenty-two monthly numbers in two volumes: 84 pls., with descriptive text [for a complete description and collation see Petit, 2009] [general; new taxa: *Papilio demosthenes*, *Arcuatus* (new genus) *coeruleus*, *A. catenarius*, *Orbatus* (new genus), *Papilio volcanica*; Brazil, Mexico, Argentina, Peru]
- Perry, Michael W.**  
2007. See Parchem, R. J. et al., 2007.  
2018. See Westerman, E. L. et al., 2018.
- Perry, Roger**  
1964. Notes on the genus *Ageronia* and the butterflies of



- Poponté. *Entomologist* 97(1213): 140-141 (22 May) [general; Colombia]
- Persson, Per Inge** [1929-1995]
1971. "Eugenies resa". Localities, dates and labels of the insects collected during the voyage around the world by the Swedish frigate "Eugenie" in the years 1851-1853. *Entomologisk Tidskrift* 92(3/4): 164-172, 1 fig. (31 December) [general; South America, Panama]
- Perty, Joseph Anton Maximilian** [1804-1884]
1833. *Lepidoptera*, pp. 151-164 ([December]), pls. 29-32 ([September]). In: 1830-1833, *Delectus animalium articulatum, quae in itinere per Brasiliam annis MDCCCXVII-MDCCCXX jussu et auspiciis Maximiliani Josephi I, Bavariae regis augustissimi peracto collegerunt Dr. J. B. de Spix, et Dr. C. F. Ph. de Martius*. Monachii, F. S. Hübschmann; Lipsiae, Fleischer (Voss). [8] + iii + 44 + 224 pp., 40 pls. [general; new species: *Papilio manlius*, *P. sylva*, *P. zonaras*, *Colias godarti*, *Heliconius duvalii*, *Acraea phlegetontia*, *Biblis hesperia*]
- Pescador, Alfonso, Sergio Gerardo Stanford-Camargo, Luis Enrique Páez, Alberto Jesús Ramírez, and René Alberto Ibarra**
2009. *Comportamiento social de las larvas de Dione juno huascuma Reakirt, 1866 (Lepidoptera: Heliconiinae): Uso de feromonas como mecanismo de comunicación*, pp. 149-154, 3 tabs. In: Estrada, E. G., A. Equihua, M. P. Chaires, J. A. Acuña, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 8. México, Sociedad mexicana de Entomología. [Mexico]
- Pescador, Alfonso, Sergio Gerardo Stanford-Camargo, Luis Enrique Páez, Alberto Jesús Ramírez, René Alberto Ibarra and Terrence D. Fitzgerald**
2011. Trail marking by caterpillars of the silverspot butterfly *Dione juno huascuma*. *Journal of Insect Science* 11(55): 1-10, 2 figs. (25 April) [behavior; Mexico]
- Pesce, Hugo** [1900-1969], and **Alvaro Delgado**
1971. *Poisoning from adult moths [sic] and caterpillars*, pp. 119-156, 11 figs. In: Bücherl, W. & E. B. Buckley (Eds.), *Venomous animals and their venoms*. New York, Academic Press. 3. [Nymphalidae, *Morpho*, *Pieris*]
- Pessôa, Antônio**
2008. See Jauffret, P. et al., 2008.
- Peter, A. John, and Thomas G. Shanower**
2001. *Role of plant surface in resistance to insect herbivores*, pp. 107-132, 1 pl., 4 tabs. In: Ananthakrishnan, T. N. (Ed.), *Insects and plant defence dynamics*. Enfield, Science Publishers, Inc. (January) [*Heliconius*]
- Peters, Harry**
1978. Brevi note sul lepidottero esotico *Papilio (Eurytides) agesilaus*. *Rivista entomologica* (Bologna) 3(2): 8, 2 figs. (March-April)
- Peters, Hermann Titian** [1820-1898]
- 1896-97. Naturalistische Aufzeichnungen aus der Provinz Rio de Janeiro in Brasilien. *Illustrierte Wochenschrift für Entomologie* 1(15): 229-233, 1 fig. (12 July 1896), (18): 277-281, 1 fig. (2 August 1896), (20): 312-316, 1 fig. (16 August 1896), (28): 437-442, 1 fig. (11 October 1896), (31): 485-491, 1 fig. (1 November 1896), (37): 584-589 (12 December 1896); 2(2): 17-23, 1 fig. (10 January 1897), (3): 36-39 (17 January 1897), (4): 49-55, 1 fig. (24 January 1897), (5): 65-69, 1 fig. (31 January 1897), (6): 81-84 (7 February 1897), (7): 102-106 (14 February 1897), (9): 134-137, 1 fig. (28 February 1897), (13): 193-199, 1 fig. (28 March 1897) [general]
- Peters, Melissa J., and Jeffrey M. Marcus**
2016. The complete mitochondrial genome of the Bermuda buckeye butterfly *Junonia coenia bergi* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA (B)* 1(1): 739-741, 1 fig. (published online 21 November)
2017. Taxonomy as a hypothesis: testing the status of the Bermuda buckeye butterfly *Junonia coenia bergi* (Lepidoptera: Nymphalidae). *Systematic Entomology* 42(1): 288-300, 2 figs., 3 tabs. (January; published online 19 October 2016)
- Peters, Ralph S.**
2019. See Kawahara, A. Y. et al., 2019.
- Peters, Sandra L.**
2007. See Barlow, B. J. et al., 2007a.
2008. See Gardner, T. A. et al., 2008.
- Petersen, Bjørn**
1963. The male genitalia of some *Colias* species. *Journal of Research on the Lepidoptera* 1(2): 135-156, 4 pls., 6 figs., 5 tabs. (January) [general; new taxa: genus *Protocolias*, subgenus *Mesocolias*; Neotropics]
- Petersen, Cindy**
2003. See Oberhauser, K. S. et al., 2003.
- Petersen, Wilhelm Konstantin Frommhold** [1854-1933]
1878. Bemerkungen über Fauna Bogotana. *Sitzungsberichte der Naturforscher Gesellschaft zu Dorpat* 4: 274-279. [general; ecology; Colombia]
1904. Die Morphologie der Generationsorgane der Schmetterlinge und ihre Bedeutung für die Artbildung. *Mémoires de l'Académie impériale des Sciences de St.-Pétersbourg (Classe physico-mathématique)* (8)16(8): [iv] + 1-84, 64 figs. (December) [general]
- Peterson, Andrew Townsend**
2003. See Oberhauser, K. S. & A. T. Peterson, 2003.
2012. See Barve, N. et al., 2012.
- Peterson, Andrew Townsend, Oscar A. Flores, L. S. León, Jorge Enrique Llorente, Moisés Armando Luis, Adolfo Gerardo Navarro, M. G. Torres and Isabel Vargas**
1993. Conservation priorities in Mexico: Moving up in the world. *Biodiversity Letters* 1(2): 33-38, 3 figs. [general]
- Peterson, Andrew Townsend, Miguel A. Ortega-Huerta, Jeremy Bartley, Víctor Sánchez-Cordero, Jorge Soberón, Robert H. Buddemeier and David R. Stockwell**
2002. Future projections for Mexican faunas under global climate change scenarios. *Nature* (London) 416(6881): 626-629, 3 figs. (11 April) [general]
- Peterson, Andrew Townsend, Jorge Soberón and Víctor Sánchez-Cordero**
1999. Conservatism of ecological niches in evolutionary time. *Science* 285(5431): 1265-1267, 2 figs. (20 August) [general; evolution; Mexico]
- Peterson, Chelsea**
2014. See Gallant, J. R. et al., 2014.
- Peterson, E.**
2002. See Flanagan, N. S. et al., 2002.
2005. See Tobler, A. et al., 2005.
- Peterson, Lenen**
2018. See Santos, E. R. dos et al., 2018.
- Peterson, Steven**
1983. See Cruden, R. W. et al., 1983.
- Petit, Jean-Claude**
2014. La sous-espèce – A consommer avec modération! *Lépidoptères* (Paris) 23(59): 110-117, figs. (December) [general; Ecuador]
2015. *Racta dalla* dans son habitat (Lepidoptera: Hesperidae). *Lépidoptères* (Paris) 24(60): 46-48, 8 figs., 1 map (May) [behavior; Venezuela, Colombia, Ecuador]
- Petit, Richard Eugene** [1931-2013]

2009. *Perry's Arcana. A facsimile edition. With a collation and systematic review.* Philadelphia, Temple University Press. viii + 568 pp., figs. [general; history; Neotropics]
- Petiver, James** [1663-1718]  
 1695-1703. *Musei Petiveriani Centuria [prima-decima], rariora naturae, continens: viz. animalia, fossilia, plantas, ex variis mundi plagis advecta, ordine digesta, et nominibus propriis signata.* London, S. Smith and B. Walford. 1: 1-16, pl. [1] (1695); 2/3: 17-32, pl. [2] (1698); 4/5: 33-48 (1699); 6/7: 49-64 (1699); 8: 65-80 (1700); 9/10: 81- 93 (1703) [general]  
 1702-11. *Gazophylacii naturae & artis decas [prima-decima].* London, Christopher Bateman. (1): 1-16, pls. 1-10 (1702), (2): 17-32, pls. 11-20 (1703), (3): 33-48, pls. 21- 30 (1704), (4): 49-64, pls. 31-40 (1704), (5): 65-96, pls. 41-50 (1706), (6): 1-4, pls. 51-60 (1707), (7/8): 5-8, pls. 61-80 (1709), (9/10): 9-12, pls. 81-100 (1711) [general]  
 1764. *Jacobi Petiveri Opera, historiam naturalem spectantia; or, Gazophylacium. Containing several 1000 figures of birds, beasts, reptiles, insects, fish, beetles, moths, flies, shells, corals, fossils, minerals, stones, fungusses, mosses, herbs, plants, &c. from all nations, on 156 copper-plates, with Latin and English names.* London, John Millan. 1: 4 + 4 + 12 + 10 pp., 156 pls. [a collected edition of 1702-1711 plus 56 additional plates and text]; 3: 93 + 96 + 4 pp., 4 pls. [a collected edition of 1695-1703 plus decades I-V of 1702-1711] [a second collected edition was published in two volumes in 1767; for a complete collation of Petiver's works see Lisney, A. A., *A Bibliography of British Lepidoptera 1608-1799.* London, Chiswick Press; 1960] [general]
- Petr, Daniel, and Kenneth W. Stewart**  
 2004. Comparative morphology of sensilla styloconica on the proboscis of North American Nymphalidae and other selected taxa (Lepidoptera): Systematic and ecological considerations. *Transactions of the American entomological Society* 130(4): 293-409, 30 pls., 23 figs., 19 tabs. (December) [general]
- Petschenka, Georg, Steffi Fandrich, Nils Sander, Vera Wagschal, Michael Hans Boppré and Susanne Dobler**  
 2013. Stepwise evolution of resistance to toxic cardenolides via genetic substitutions in the Na<sup>+</sup>/K<sup>+</sup>-ATPase of milkweed butterflies (Lepidoptera: Danaini). *Evolution* 67(9): 2753-2761, 2 figs., 2 tabs. (September; published online 30 May) [general]
- Pettirossi, Nivaldo**  
 2010. Riqueza, abundância e composição de espécies de borboletas frugívoras (Lepidoptera, Nymphalidae) da Reserva Florestal Mata de Santa Genebra, Campinas, Brasil. *Boletim do Museu de Biologia Mello Leitão* (N.S.)25: 13-29, 2 figs., 4 tabs. ("July 2009", January 2010) [general]
- Petty, Graham J., Graham R. Stirling and Duane P. Bartholomew**  
 2002. *Pests of pineapple*, pp. 157-195, 1 fig., 4 tabs. In: Peña, J. E., J. L. Sharp & M. Wysoki (Eds.), *Tropical fruit pests and pollinators. Biology, economic importance, natural enemies and control.* Wallingford, CABI Publishing. [*Thecla basilides* (Geyer); *Dynastor darius* (Fabricius); host plants; Central and South America]
- Pezzini, Leonir Antunes**  
 2015. See Barreto, M. R. & L. A. Pezzini, 2015.
- Pfeiffer, Max Adolf** [1875-1957]  
 1936. Schmetterlings- und andere Insektenwerke die künstlerisch und bibliographisch bemerkenswert sind. *Philobiblon* (Wien) 9(2): 51-67, figs. [general]
- Pfeiler, Edward Joseph**  
 2011. Confirmation of black mangrove [*Avicennia germinans* (L.) L.] as a larval host for *Junonia genoveva* (Cramer) (Nymphalidae: Nymphalinae) from Sonora, Mexico. *Journal of the Lepidopterists' Society* 65(3): 187-190, 3 figs. (12 October) [life history; behavior]  
 2015. A little-known record of *Speyeria* (Nymphalidae: Heliconiinae) from the tropical deciduous forest of southern Sonora, Mexico. *Journal of the Lepidopterists' Society* 69(3): 236-237, 1 fig. (9 September)  
 2018. DNA barcoding and taxonomic challenges in describing new putative species: Examples from sootywing and cloudywing butterflies (Lepidoptera: Hesperidae). *Diversity* (Basel) 10(4)(111): 1-14, 4 figs., 3 tabs. (December; published online 15 October) [*Pholisora*, *Achalarus*; Mexico, Costa Rica]
- Pfeiler, Edward Joseph, Sarah Johnson and Therese Ann Markow**  
 2012a. Insights into population origins of Neotropical *Junonia* (Lepidoptera: Nymphalidae: Nymphalinae) based on mitochondrial DNA. *Psyche* (Cambridge) 2012(423756): 1-6, 4 figs., 2 tabs. [*J. genoveva* (Cramer); host plant; Mexico]  
 2012b. DNA barcodes and insights into the relationships and systematics of buckeye butterflies (Nymphalidae: Nymphalinae: *Junonia*) from the Americas. *Journal of the Lepidopterists' Society* 66(4): 185-198, 3 figs., 3 tabs. (19 November) [general; Neotropics]
- Pfeiler, Edward Joseph, Mariana Ramirez and Therese Ann Markow**  
 2016a. Butterfly biodiversity in a threatened coastal desert ecosystem of northwestern Mexico, with a focus on the life history and ecology of potentially endangered species. *Journal of the Lepidopterists' Society* 70(1): 47-60, 3 figs., 1 tab. (9 March) [general; host plants]  
 2016b. Polyphyly in *Urbanus* and *Astrartes* (Hesperiidae: Eudaminae) assessed using mitochondrial DNA barcodes, with a reinstated status proposed for *Achalarus*. *Journal of the Lepidopterists' Society* 70(2): 85-95, 5 figs., 2 tabs. (16 June) [general; Mexico, Costa Rica, Panama]
- Pfeiler, Edward Joseph, Néstor Octavio Nazario-Yepiz, Cynthia Castro and Mariana Ramírez**  
 2018. DNA barcodes suggest possible new cryptic species in the *Codatractus melon* species group (Hesperiidae: Eudaminae) in North America. *Journal of the Lepidopterists' Society* 72(3): 203-211, 4 figs., 1 tab. (5 September) [Mexico, Costa Rica]
- Pfeiler, Edward Joseph, Néstor Octavio Nazario-Yepiz, Fernán Pérez-Gálvez, Cristina Alejandra Chávez-Mora, Mariana Ramírez, Eduardo Rendón and Therese Ann Markow**  
 2017. Population genetics of overwintering Monarch butterflies, *Danaus plexippus* (Linnaeus), from Central Mexico inferred from mitochondrial DNA and microsatellite markers. *Journal of Heredity* 108(2): 163-175, 4 figs., 7 tabs. (March; published online 21 December 2016) [Costa Rica]
- Pfenninger, Paul F.** [1924-2008]  
 1981. The Chiapas collecting trip. *News of the Lepidopterists' Society* 1981(5): 59-61 (September-October) [general; Mexico]
- Pfister, Augusto**  
 1936. Notas sobre el *Argyrophorus argenteus*, Blanchard (cinta plateada). *Comunicaciones del Museo de Concepción* 1(6): 106-108 (June) [Chile]
- Pfordte, Hugo**

1902. [A note]. *Journal of the New York entomological Society* 10(4): 252 (December) [general; Peru]
- Phelan, P. Larry**  
1992. *Evolution of sex pheromones and the role of asymmetric tracking*, pp. 265-314, 4 figs., 2 tabs. In: Roitberg, B. D. & M. B. Isman (Eds.), *Insect Chemical Ecology. An evolutionary approach*. New York, Chapman & Hall. [general]
- Philippi, Rudolph Amandus** [1808-1904]  
1859a. Algunas observaciones jenerales sobre los insectos de Chile. *Anales de la Universidad de Chile* 16(7): 634-651 (July) [general]  
1859b. Descripción de algunas nuevas especies de mariposas chilenas, principalmente de la Provincia de Valdivia. *Anales de la Universidad de Chile* 16(12): 1088-1114 (December) [*Argynnis valdiviana*, *Vanesja* (sic) *terpsichore*, *Satyros flora*, *S. pales*, *S. limonias*, *Lycaena? bicolor*, *L. collina*, *Steropes flavimargo*, *Steropes? bissexguttatus*, *Syrichthus valdivianus*]  
1860. Beschreibung einiger neuer Chilenischer Schmetterlinge. *Linnaea entomologica* 14: 265-297 (April) [general; redescription of species in Philippi, 1859b, q.v.]  
1863. Exkursion nach den Badern und den neuen Vulkan von Chillan in Chile, im Spätsommer 1862 gemacht. *Petermann's geographische Mittheilungen* 1863(7): 241-257, pl. 8 (after 6 July) [general]  
1867. Comentario crítico sobre los animales descritos por Molina. *Anales de la Universidad de Chile* 29(10): 775-802 (October) [*Papilio leucothea* Molina; Chile]
- Phillimore, Albert B.**  
2012a. See Etienne, R. S. et al., 2012.  
2012b. See Rosser, N. et al., 2012.  
2015. See Rosser, N. et al., 2015.
- Phillips, Anna Jane**  
1937. Rare butterflies [sic] captured by Dr. Avinoff (Lepid.). *Entomological News* 48(10): 295 ([29] December) [*Closyne* (sic) *pantoni* Kaye, *Papilio homerus* Fabricius; Jamaica]
- Philips, T. Keith**  
1991. See Ivie, M. A. et al., 1991.
- Phillips, Avion**  
2016. See Geerah, P. et al., 2016.
- Phon, Chooi-Khim**  
2015. See Van Swaay, C. et al., 2015.
- Pias, Willian Falcão**  
2018. See Silva, T. P. da et al., 2018.
- Picado, Clodomiro** [1887-1944]  
1910. Documents sur le mimétisme recueillis en Costa-Rica. *Bulletin scientifique de la France et de la Belgique* (7)1: 89-109, pl. 4, 9 figs. [general]
- Picanço, Marcelo Coutinho**  
1996. See Neves, L. L. de M. et al., 1996.  
1997. See Bastos, C. S. et al., 1997.  
2000a. See Moura, M. F. de et al., 2000.  
2000b. See Paula, V. F. de et al., 2000.  
2001. See Paula, V. F. de et al., 2001.  
2002. See Crespo, A. L. B. et al., 2002.  
2003. See Oliveira, H. N. de et al., 2003.  
2004. See Moreira, M. D. et al., 2004.  
2008. See Paula, V. F. de et al., 2008.  
2009. See Silvério, F. O. et al., 2009.  
2017a. See Moreno, S. C. et al., 2017.  
2017b. See Mairink, S. Z. et al., 2017.  
2017c. See Araújo, T. A. de et al., 2017.  
2018a. See Lopes, M. C. et al., 2018.  
2018b. See Ribeiro, A. V. et al., 2018.
2019. See Santos, A. A. et al., 2019.
- Picanço, Marcelo Coutinho, Vicente Wagner Dias Casali, Ivênio Rubens de Oliveira and Germano Leão Demolin Leite**  
1998. Himenópteros asociados a *Solanum gilo* Raddi (Solanaceae). *Revista brasileira de Zoologia* 14(4): 821-829, 7 figs., 2 tabs. (20 June) [*Mechanitis polymnia casabranca* Haensch; host plant; parasitoid; predators; Brazil]
- Picanço, Marcelo Coutinho, Raul Narciso Carvalho Guedes, Vicente Cunha Batalha and Roberto P. Campos**  
1996. Toxicity of insecticides to *Dione juno juno* (Lepidoptera: Heliconidae [sic]) and selectivity to two of its predaceous bugs. *Tropical Science* 36(1): 51-53, 2 tabs. [host plant; Brazil]
- Picanço, Marcelo Coutinho, Marcelo Fialho de Moura, Moacyr Mascarenhas Motta Miranda, Lessandro Moreira Gontijo and Flávio Lemes Fernandes**  
2003. Seletividade de inseticidas a *Doru luteipes* (Scudder, 1876) (Dermaptera: Forficulidae) e *Cotesia* sp. (Hymenoptera: Braconidae) inimigos naturais de *Ascia monuste orseis* (Godart, 1818) (Lepidoptera [sic]: Pieridae). *Ciência rural* (Santa Maria) 33(2): 183-188, 2 tabs. (March-April) [host plant; Brazil]
- Picanço, Marcelo Coutinho, Ivênio Rubens de Oliveira, Jander Fagundes Rosado, Flávio Marquini da Silva, Pablo da Costa Gontijo and Ricardo Siqueira da Silva**  
2010. Natural biological control of *Ascia monuste* by the social wasp *Polybia ignobilis* (Hymenoptera: Vespidae). *Sociobiology* 56(1): 67-76, 3 figs. [host plant; Brazil]
- Picanço, Marcelo Coutinho, Luciano José Ribeiro, Germano Leão Demolin Leite and Marcos Rafael Gusmão**  
1998. Seletividade de inseticidas a *Polybia ignobilis* (Haliday) (Hymenoptera: Vespidae) predador de *Ascia monuste orseis* (Godart) (Lepidoptera: Pieridae). *Anais da Sociedade entomológica do Brasil* 27(1): 85-90, 2 tabs. (March) [Brazil]
- Picanço, Marcelo Coutinho, Luciano José Ribeiro, Germano Leão Demolin Leite and José Cola Zanuncio**  
1997. Seletividade de inseticidas a *Podisus nigrispinus* predador de *Ascia monuste orseis*. *Pesquisa agropecuária brasileira* 32(8): 369-372, 2 tabs. (April) [host plants; Brazil]
- Pichancourt, Jean-Baptiste**  
2015. See Flockhart, D. T. T. et al., 2015.
- Pick, Nancy, and Mark Sloan**  
2004. *The rarest of the rare. Stories behind the treasures of the Harvard Museum of Natural History*. New York, HarperCollins. xiv + 178 pp., figs. [general; history]
- Pickard-Cambridge, Frederick Octavius** [1861-1905]  
1896. *Butterflies and moths - Order Lepidoptera*, pp. 77-122, 2 pls. In: Lydekker, R. (Ed.), *The Royal Natural History*. London, Frederick Warne & Co. 6. [general]
- Pickel, Bento José** [1890-1963]  
1931. As pragas e doenças das aurantiaceas em Pernambuco. Sua debelação. *O Campo* (Rio de Janeiro) 2(11): 37-39, 7 figs. (November) [*Papilio anchisiades capys* (Hübner), *P. thoas brasiliensis* Rothschild & Jordan; Brazil]
- Pickles, Alan**  
1940. See Thorold, C. A. & A. Pickles, 1940.
- Picón, Mariano Federico** [1901-1965]  
1958. *Las nieves de antaño. Pequeña añoranza de Mérida*. Maracaibo, Universidad del Zulia. 141 pp. [general; Venezuela]
- Pidgeon, Edward**  
1832a. See Griffith, E. & E. Pidgeon, 1832a.

- 1832b. See Griffith, E. & E. Pidgeon, 1832b.
- Piedade, Lúcia Helena, and Neusa Taroda Ranga**  
1994. See Kiill, L. H. P. & N. T. Ranga, 1994.
- Piedra, Víctor** [1924-2012]  
1949. Lista preliminar de los insectos dañinos a las plantas cultivadas en la zona de Tingo María. *Circular de Extensión. Estación experimental agrícola en Tingo María. Ministerio de Agricultura* (Tingo María) 31: 1-16 (September) [general; host plants; Peru]
- Piel, William H.**  
2012. See Oliver, J. C. et al., 2012.
- Piepers, Murinus Cornelius** [1836-1919]  
1898. Die Farbenevolution (Phylogenie der Farben) bei den Pieriden. *Tijdschrift der nederlandse dierkundige Vereeniging* (2)5: 70-289. [general]  
1903. *Mimicry, Selektion, Darwinismus. Erklärung einer Thesen über Mimicry (sensu generali) auf dem im Jahre 1901 in Berlin stattgefundenen 5en Internationalen Zoologischen Kongress vorgetragen.* Leiden, E. J. Brill. iv + 452 pp. [general]  
1904. Ueber die sogenannten "Schwänze" der Lepidoptera. *Deutsche entomologische Zeitschrift "Iris"* 16(2): 247-285 (20 March) [general; morphology]  
1907. *Noch einmal Mimicry, Selektion, Darwinismus. Biologische Studien.* Leiden, E. J. Brill. 481 pp. [general]
- Pierce, Amanda Ashley**  
2012. See Lyons, J. I. et al., 2012.
- Pierce, Amanda Ashley, Sonia M. Altizer, Nicola L. Chamberlain, Marcus R. Kronforst and Jacobus C. de Roode**  
2015. *Unraveling the mysteries of monarch migration and global dispersal through molecular genetic techniques*, pp. 257-267, 4 figs., 1 tab. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly.* Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Neotropics]
- Pierce, Amanda Ashley, Jacobus C. de Roode and Leiling Tao**  
2016. Comparative genetics of Na<sup>+</sup>/K<sup>+</sup>-ATPase in monarch butterfly populations with varying host plant toxicity. *Biological Journal of the Linnean Society* 119(1): 194-200, 2 figs. (September; published online 24 March) [*Danaus plexippus* (Linnaeus); Costa Rica, Ecuador]
- Pierce, Amanda Ashley, Myron Phillip Zalucki, Marie Bangura, Milan Udawatta, Marcus R. Kronforst, Sonia M. Altizer, Juan Fernández and Jacobus C. de Roode**  
2014. Serial founder effects and genetic differentiation during worldwide range expansion of monarch butterflies. *Proceedings of the royal Society of London* (B) 281(1797)(20142230): 1-9, 5 figs., 1 tab. (22 December; published online 5 November) [*Danaus plexippus* (Linnaeus); distribution]
- Pierce, Mac P.**  
2019. The ecological and evolutionary importance of nectar-secreting galls. *Ecosphere* 10(4):(e02670): 1-19, 3 figs. (April; published online 5 April) [*Parrhasius polibetes* (Stoll)]
- Pierce, Naomi E.** [1954- ]  
1987. The evolution and biogeography of associations between lycaenid butterflies and ants. *Oxford Surveys in evolutionary Biology* 4: 89-116, 1 fig., 2 tabs. [general]  
1995. Predatory and parasitic Lepidoptera: Carnivores living on plants. *Journal of the Lepidopterists' Society* 49(4): 412-453, 2 tabs. (27 December) [*Setabis lagus* (Cramer), *Audre aurimnia* (Hewitson)]  
1997. See Costa, J. T. & N. E. Pierce, 1997.  
2000. See Campbell, D. L. et al., 2000.  
2003. See Campbell, D. L. & N. E. Pierce, 2003.  
2005. See Wahlberg, N. et al., 2005a.  
2006. See Braby, M. F. et al., 2006.  
2007. See Braby, M. F. et al., 2007.  
2008. See Travassos, M. A. et al., 2008.  
2011a. See Vila, R. et al., 2011.  
2011b. See Basset, Y. et al., 2011.  
2012. See Russell, J. A. et al., 2012.  
2013a. See Basset, Y. et al., 2013.  
2013b. See Talavera, G. et al., 2013.  
2014. See Wahlberg, N. et al., 2014.  
2015. See Espeland, M. et al., 2015.  
2018a. See Espeland, M. et al., 2018.  
2018b. See Toussaint, E. F. A. et al., 2018.  
2018c. See Kawahara, A. Y. et al., 2018b.  
2018d. See Schär, S. et al., 2018.
- Pierce, Naomi E., Michael F. Braby, Alan Heath, David J. Lohman, John Mathew, Douglas B. Rand and Mark A. Travassos**  
2002. The ecology and evolution of ant association in the Lycaenidae (Lepidoptera). *Annual Review of Entomology* 47: 733-771, 1 fig., 5 tabs. [general]
- Pierce, Naomi E., Rodney Eastwood, Roger Vila, Andrew Berry and Thomas Dai**  
2016. *Nabokov's notes and labels from the Museum of Comparative Zoology. Boon for a recondite biographer or data for a serious sytmatist?*, pp. 285-294, pls. E6-E8, tab. 2. In: Blackwell, S. H. & K. D. Johnson (Eds.), *Fine lines. Vladimir Nabokov's scientific art.* New Haven Yale University Press. [general; Neotropics]
- Pierre, Jacques**  
1985a. Morphologie des griffes des Acraeinae (Lépidoptères Nymphalides). *Comptes Rendus hebdomadaires des Séances de l'Académie des Sciences de Paris* (3)300(8): 333-336, 10 figs. [*Actinote* spp.; cladistics]  
1985b. Morphologie comparée de l'appareil génital mâle des Acraeinae (Lepidoptera, Nymphalidae). *Annales de la Société entomologique de France* (N.S.) 21(4): 381-391, 37 figs. (31 December) [general]  
1985c. Le sphragis chez les Acraeinae (Lepidoptera, Nymphalidae). *Annales de la Société entomologique de France* (N.S.) 21(4): 393-398, 10 figs. (31 December) [general]  
1986. Morphologie comparée de l'appareil génital femelle des Acraeinae (Lepidoptera, Nymphalidae). *Annales de la Société entomologique de France* (N.S.) 22(1): 53-65, 19 figs. (28 March) [*Actinote* spp.; cladistics]  
1987. Systématique cladistique chez les *Acraea* (Lepidoptera, Nymphalidae). *Annales de la Société entomologique de France* (N.S.) 23(1): 11-27, 4 figs. (31 March) [general; subgenus *Actinote*; Neotropics]  
1991. See Lescure, J. et al., 1991.  
1997. Analyses de ouvrages. *Bulletin de la Société entomologique de France* 102(4): 240, 250, 264 (28 August) [general; Neotropics; book reviews]  
2000. Christian Brévignon et Jean-Yves Gallard.- Riodinides de Guyane Française, lépidoptères diurnes sud-américains, notes sur les *Argyrogrammana* et inventaire. Extraits de la Revue Lambillionea, 1995-1999. *Bulletin de la Société entomologique de France* 105(3): 310 ([13 September]) [review]  
2002. Notions d'espèce et de genre. *Mémoires de la Société entomologique de France* 6: 9-19 (December) [*Actinote*; taxonomy]  
2004. Le commerce des papillons et des autres insectes.

- Bulletin de la Société zoologique de France* 129(1/2): 59-66. [*Morpho*; Brazil]
2007. Michel Boulard. - *Être ou ne pas pas Être, les facettes du mimétisme*. 2007. *Bulletin de la Société entomologique de France* 112(2): 178, 182 ([22] June) [general; book review]
- 2008a. Prix Constant. *Bulletin de la Société entomologique de France* 113(2): 270-271 (10 June) [general; Guadeloupe]
- 2008b. Prix Réaumur. *Bulletin de la Société entomologique de France* 113(2): 274-275 (10 June) [*Morpho*]
2009. See Dottax, M. & J. Pierre, 2009.
- 2010a. See Lagnel, M. et al., 2010.
- 2010a. See Cassildé, C. et al., 2010.
2017. See Lévêque, A. & J. Pierre, 2017.
2018. Prix Paul Pesson. *Bulletin de la Société entomologique de France* 123(2): 297-299 (22 June) [Riodinidae; French Guiana; book review]
- Pierre, Jacques, and Dominique Bernaud**
2014. *Le genre Acraea Fabricius, 1807: Liste systématique, synonymique et liste des noms infrasubspécifiques*. In: Bauer, E. & T. Frankentbach (Eds.), *Butterflies of the World. Supplement 24*. Keltern, Goecke & Evers. 30 pp., 2 graphs. (10 July) [general; new name: *Acraea neildi*; Central and South America]
- Pierre, Jacques, and Michel Dottax**
2013. Contribution à la révision du genre *Siderone* Hübner, 1823. II. Nouveaux taxons et reconsidération de *S. thebais* (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 118(4): 483-488, 6 figs. ([20] December) [new subspecies: *S. galanthis canande*, *S. thebais pernambuco*; Neotropics]
- Pierre, Jacques, and Caroline Gogry**
1997. Les génitalia femelles chez les Limenitinae du genre *Perisama* (Lep., Nymphalidae). *Bulletin de la Société entomologique de France* 102(3): 291-292, 2 figs. ([28] August) [*P. humboldtii* (Guérin); Ecuador]
- Pierre, Jacques, and Michel Jégu**
1998. Tentatives d'accouplement avec une chrysalide femelle chez *Heliconius antiochus* L. (Lep., Heliconiinae). *Bulletin de la Société entomologique de France* 103(1): 89-90, 4 figs. ([16] March) [behavior; French Guiana]
- Pierre, Jacques, and Bernard Lalanne-Cassou**
2014. Les papillons de jour de la Martinique (Lepidoptera: Rhopalocera et Castniidae). *Lépidoptères* (Paris) 23(57): 2-8, figs. (May) [general]
- Pierre-Baltus, Claude** [1946-2013]
2010. See Lagnel, M. et al., 2010.
- Pietrowski, Vanda**
2016. See Pizzatto, M. et al., 2016.
- Piffard, Bernard** [1832-1916]
1864. Reminiscences of an entomological excursion up the Demerara River. *Entomologist's monthly Magazine* 1(4): 79-81 (September), (5): 104-107 (October) [general; Guyana]
- Pigozzo, Camila Magalhães**
- 2013a. See Paz, J. R. L. da & C. M. Pigozzo, 2013a.
- 2013b. See Paz, J. R. L. da & C. M. Pigozzo, 2013b.
- 2013c. See Paz, J. R. L. da et al., 2013.
- Pijoan, Manuel** [1956- ]
1997. See Masó, A. & M. Pijoan, 1997.
- Pikart, Tiago Georg**
2019. See Ribeiro, R. C. et al., 2019.
- Pillai, P. K. C.**
1968. Spectral reflection characteristics of *Morpho* butterfly wing. *Journal of the optical Society of America* 58(8): 1019-1022, 5 figs., 1 tab. (August)
- Pillco, Ruthmery**
2016. See Whitworth, A. et al., 2016.
- 2018a. See Whitworth, A. et al., 2018a.
- 2018b. See Whitworth, A. et al., 2018b.
- 2018c. See Whitworth, A. et al., 2018c.
- Piló-Veloso, Dorila**
2000. See Paula, V. F. de et al., 2000.
2001. See Paula, V. F. de et al., 2001.
- Pimenta, Ivan Assunção**
2012. See Beirão, M. do V. et al., 2012.
2013. See Silva, A. R. M. et al., 2013.
- Pimentel, Rafael Ribeiro**
2019. See São Leão, L. C. et al., 2019.
- Pinard, Paulette**
1997. Maria Sibylla Merian (1647-1717) et les lépidoptères. *Bulletin de la Société entomologique de France* 102(4): 305-318, 6 figs. ([25] November) [general; history; Surinam]
- Pinchon, Robert** [1913-1980]
1967. *Quelques aspects de la nature aux Antilles*. Fort-de-France, Author. 256 pp., 46 pls. (31 May) [general; Lesser Antilles]
1969. See Enrico, P. & R. Pinchon, 1969.
- Pinchon, Robert, and Paul Enrico**
1969. *Faune des Antilles Françaises. Les Papillons*. Fort-de-France, Authors. 260 pp., 34 pls., 17 figs., 1 map (30 November) [general]
- Pineda, Alicia**
1991. En la Sierra de Perijá la vida viaja en alas de mariposas. *Ciencias* (Maracaibo) 7(49): 15, 1 fig. (December) [Satyrinae; Venezuela]
- Pineda, Eduardo**
2015. See MacGregor, I. et al., 2015.
- Pinedo, Julio**
2015. See Ruiz, E. et al., 2015.
- 2017a. See Vásquez, J. et al., 2017a.
- 2017b. See Vásquez, J. et al., 2017b.
- 2017c. See Vásquez, J. et al., 2017c.
- [2018]. See Vásquez, J. et al., [2018].
- Pinedo, Román**
2009. See Gonzales, H. et al., 2009.
- Pinese, Bruno**
2002. See Gold, C. S. et al., 2002.
- Pinharanda, Ana L.**
- 2015a. See Keightley, P. D. et al., 2015.
- 2015b. See Merrill, R. M. et al., 2015.
2017. See Davey, J. W. et al., 2017.
- Pinharanda, Ana L., Simon H. Martin, Sarah L. Barker, John W. Davey and Christopher David Jiggins**
2017. The comparative landscape of duplications in *Heliconius melpomene* and *Heliconius cydno*. *Heredity* 118(1): 78-87, 4 figs., 3 tabs. (January; published online 7 December 2016) [genetics]
- Pinharanda, Ana L., Marjolaine Rousselle, Simon H. Martin, Joseph J. Hanly, John W. Davey, Sujai Kumar, Nicolas Galtier and Christopher David Jiggins**
2019. Sexually dimorphic gene expression and transcriptome evolution provide mixed evidence for fast-Z effect in *Heliconius*. *Journal of evolutionary Biology* 32(3): 194-204, 1 fig., 2 tabs. (March; published online 6 December 2018) [*H. melpomene* (Linnaeus), *H. erato* (Linnaeus)]
- Pinheiro, Carlos Cleomir de Souza**
1994. See Pereira, O. L., Jr. et al., 1994.
- Pinheiro, Carlos Eduardo Guimarães**
1985. Comportamento residencial e áreas de vida em *Heliconius erato* e *H. ethilla* (Lep.: Nymphalidae).

- Resumos XII Congresso brasileiro de Zoologia* (Campinas), pp. 105-106. [Brazil]
1991. Territorial hilltopping behavior of three swallowtail butterflies (Lepidoptera: Papilionidae) in Western Brazil. *Journal of Research on the Lepidoptera* 29(1/2): 134-142, 1 fig., 3 tabs. (31 December)
1996. Palatability and escaping ability in Neotropical butterflies: tests with wild kingbirds (*Tyrannus melancholicus*, Tyrannidae). *Biological Journal of the Linnean Society* 59(4): 351-365, 2 figs., 1 tab. ("December", [29 November]) [general; Brazil]
2003. Does Müllerian mimicry work in nature? Experiments with butterflies and birds (Tyrannidae). *Biotropica* 35(3): 356-364, 3 figs., 1 tab. (September) [general; Brazil]
2004. Jacamars (Aves: Galbulidae) as selective agents of mimicry in neotropical butterflies. *Ararajuba* 12(2): 137-139 (December) [general; Brazil]
2005. *Estudos comparativos sobre a fauna de borboletas do Distrito Federal: implicações para a conservação*, pp. 295-303, 1 fig., 2 tabs. In: Scariot, A., J. C. Sousa-Silva & J. M. Felfili (Eds.), *Cerrado: Ecologia, biodiversidade e conservação*. Brasília, Ministério do Meio Ambiente. [general; Brazil]
- 2006a. See Emery, E. de O. et al., 2006.
- 2006b. *A fauna de borboletas (Insecta, Lepidoptera) da APA de Cafuringa*, pp. 231-234, figs. In: Braga Netto, P., V. V. Mecnas & E. S. Cardoso (Eds.), *APA de Cafuringa a última fronteira natural do DF*. Brasília, Secretaria de Meio Ambiente e Recursos Hídricos. [general; Brazil]
2007. Asynchrony in daily activity patterns of butterfly models and mimics. *Journal of tropical Biology* 23(1): 119-123, 1 fig., 1 tab. (January) [general; Brazil]
2008. See Mielke, O. H. H. et al., 2008.
2009. Following the leader: How *Heliconius ethilla* butterflies exchange information on resource locations. *Journal of the Lepidopterists' Society* 63(3): 179-181, 1 tab. (22 October) [behavior; Brazil]
2011. On the evolution of warning coloration, Batesian and Müllerian mimicry in Neotropical butterflies: the role of jacamars (Galbulidae) and tyrant-flycatchers (Tyrannidae). *Journal of avian Biology* 42(4): 277-281 ("July"; published online 25 August) [general; behavior]
- Pinheiro, Carlos Eduardo Guimarães, Marcos Alberto Antezana and Luana Pires Machado**
2014. Evidence for the deflective function of eyespots in wild *Junonia evarete* Cramer (Lepidoptera, Nymphalidae). *Neotropical Entomology* 43(1): 39-47, 2 figs., 3 tabs. (February; published online 7 November 2013) [behavior; Brazil]
- Pinheiro, Carlos Eduardo Guimarães, Marcelo A. Bagnó and Reuber Albuquerque Brandão**
2003. Diet and foraging behavior of the rufous-tailed jacamar (*Galbula ruficauda*, Galbulidae) in central Brazil. *Ararajuba* 11(2): 241-243, 1 fig. (December) [general]
- Pinheiro, Carlos Eduardo Guimarães, and Vitor César de Campos**
2019. The responses of wild jacamars (*Galbula ruficauda*, Galbulidae) to aposematic, aposematic and cryptic, and cryptic butterflies in central Brazil. *Ecological Entomology* 44(4): 441-450, 3 figs., 1 tab. (August; published online 19 February) [general]
- Pinheiro, Carlos Eduardo Guimarães, and Renato Cintra**
2017. Butterfly predators in the Neotropics: Which birds are involved? *Journal of the Lepidopterists' Society* 71(2): 109-114, 1 tab. (13 June) [general]
- Pinheiro, Carlos Eduardo Guimarães, and Eduardo de Oliveira Emery**
2006. As borboletas (Lepidoptera: Papilionoidea e Hesperioidea) da Área de Proteção Ambiental do Gama e Cabeça de Veado (Distrito Federal, Brasil). *Biota neotropica* 6(3): 1-15, 1 tab. (8 September) [general]
2007. As borboletas (Lepidoptera: Papilionoidea e Hesperioidea) da Estação Ecológica do Jardim Botânico, Reserva Ecológica do IBGE e Fazenda Água Limpa (Distrito Federal). *Heringeriana* 1(1): 61-74, 1 tab. (July) [general; Brazil]
- Pinheiro, Carlos Eduardo Guimarães, and André Victor Lucci Freitas**
2014. Some possible cases of escape mimicry in Neotropical butterflies. *Neotropical Entomology* 43(5): 393-398, 1 fig. (October; published online 9 September) [general]
- Pinheiro, Carlos Eduardo Guimarães, André Victor Lucci Freitas, Vitor César de Campos, Philip James DeVries and Carla Maria Penz**
2016. Both palatable and unpalatable butterflies use bright colors to signal difficulty of capture to predators. *Neotropical Entomology* 45(2): 107-113, 1 fig., 2 tabs. (April; published online 24 February) [general; behavior; mimicry]
- Pinheiro, Carlos Eduardo Guimarães, Ivan Konstantinov Malinov, Thiago Oliveira Andrade, Jonas Brochado Maravalhas, Marcelo Brito Mopussallem de Andrade, Luis Paulo Aguiar de Deus, Luiz Gustavo Perrut Pedrosa and Gabriel Vargas Zanatta**
- 2008a. As borboletas (Lepidoptera, Papilionoidea) do Campus Universitário Darcy Ribeiro (Distrito Federal, Brasil). *Biota neotropica* 8(4): 139-144, 1 fig., 1 tab. (9 October) [general]
- Pinheiro, Carlos Eduardo Guimarães, Ivan Konstantinov Malinov, Eduardo de Oliveira Emery and Karen Schmidt**
2010. *Endemismos e conservação de borboletas (Lepidoptera: Papilionoidea e Hesperioidea) no bioma Cerrado*, pp. 225-238, 4 figs., 2 tabs. In: Diniz, I. R., J. Marinho Filho, R. B. Machado & R. B. Cavalcanti (Eds.), *Cerrado. Conhecimento científico quantitativo como subsídio para ações de conservação*. Brasília, Universidade de Brasília. [general; Brazil]
- Pinheiro, Carlos Eduardo Guimarães, and Marcio Roberto Costa Martins**
1992. Palatability of seven butterfly species (Nymphalidae) to two tyrant flycatchers in Brazil. *Journal of the Lepidopterists' Society* 46(1): 77-79, 1 tab. (15 July) [Nymphalinae]
- Pinheiro, Carlos Eduardo Guimarães, Ísis Meri Medri and Ana Karina Moreyra Salcedo**
- 2008b. Why do the ithomiines (Lepidoptera, Nymphalidae) aggregate? Notes on a butterfly pocket in central Brazil. *Revista brasileira de Entomologia* 52(4): 610-614, 3 figs., 1 tab. (31 December) [general; ecology; behavior]
- Pinheiro, Carlos Eduardo Guimarães, and José Vicente Corrêa Ortiz**
1992. Communities of fruit-feeding butterflies along a vegetation gradient in central Brazil. *Journal of Biogeography* 19(5): 505-511, 5 figs. (September) [general]
- Pinheiro, F.**
1997. *Composição de herbívoros em plantas hospedeiras com látex: Lepidoptera em Kielmeyera spp. (Guttiferae)*, pp. 101-106, 1 fig., 4 tabs. In: Leite, L. L. & C. H. Saito (Eds.), *Contribuição ao conhecimento ecológico do cerrado - Trabalhos selecionados do 3º Congresso de Ecologia do Brasil*. Brasília, Universidade de Brasília. [Opsiphanes

*invirae* (Hübner); Brazil]

**Pinheiro, Jayme Vieira**

1962. Contribuição para o conhecimento de insetos dos eucaliptais no Brasil. *Anais brasileiros de Economia florestal* 14(14): 245-255. [*Gynaecia dirce* (Linnaeus); host plant]

**Pinheiro, Mardiore, Bianca Espindola de Abrão, Birgit Harter-Marques and Silvia Teresinha Sfoggia Miotto**

2008. Floral resources used by insects in a grassland community in Southern Brazil. *Revista brasileira de Botânica* (São Paulo) 31(3): 469-489, 2 figs., 2 tabs. (September) [general; behavior; Brazil]

**Pinna, Charline**

2019. See McClure, M. et al., 2019a.

**Pino, José Manuel**

1981a. See Ramos, J. & J. M. Pino, 1981.  
1981b. See Ramos, J. et al., 1981.  
1984. See Ramos, J. et al., 1984.  
1988. See Ramos, J. & J. M. Pino, 1988.  
1990. See Ramos, J. & J. M. Pino, 1990.  
1995. See Ladrón de Guevara, O. et al., 1995.  
1998. See Ramos, J. et al., 1998.  
2001a. See Ramos, J. & J. M. Pino, 2001a.  
2001b. See Ramos, J. & J. M. Pino, 2001b.  
2002. See Ramos, J. et al., 2002.  
2006. See Ramos, J. et al., 2006.  
2007. See Ramos, J. et al., 2007.  
2011. See Ramos, J. et al., 2011.  
2012. See Juárez, A. J. A. et al., 2012.  
2013a. See Ramos, B. et al., 2013a.  
2013b. See Ramos, B. et al., 2013b.  
2017. See Rodríguez, A. et al., 2017.

**Pino, José Manuel, Israel Guerrero, M. E. Flores and Yesenia Galán**

2017. Presencia de los insectos comestibles en la muestra gastronómica de Santiago de Anaya Hidalgo, México. *Entomología mexicana* 4: 663-668, 3 figs., 2 tabs. (July) [*Aegiale hesperiaris* (Walker)]

**Pino, José Manuel, Julieta Ramos and Eraldo Medeiros Costa-Neto**

2006. Los insectos comestibles comercializados en los mercados de Cuautitlán de Romero Rubio, Estado de México, México. *Sitientibus (Ciências Biológicas)* 6(Etnobiología): 58-64, 9 figs., 2 tabs. [*Aegiale hesperiaris* (Walker)]

**Pinto, Alexandre de Sene**

2001. See Maruyama, W. I. et al., 2001.  
2003. See Parra, J. R. P. et al., 2003.

**Pinto, Alexandre de Sene, and Paulo Cesar Motta**

1997. *Dinâmica populacional de um grupo de borboletas transparentes (Lepidoptera: Nymphalidae: Ithomiinae)*, pp. 148-152, 4 figs., 1 tab. In: Leite, L. L. & C. H. Saito (Eds.), *Contribuição ao conhecimento ecológico do cerrado - Trabalhos selecionados do 3º Congresso de Ecologia do Brasil*. Brasília, Universidade de Brasília, Departamento de Ecologia. [general; Brazil]

**Pinto, Carlos F.**

2006a. See Quinteros, R. et al., 2006a.  
2006b. See Quinteros, R. et al., 2006b.  
2007. See Aguirre, L. F. et al., 2007.

**Pinto, Carlos F., Alejandra J. Troncoso, Alejandro Urzúa and Hermann M. Niemeyer**

2009a. Use of volatiles of *Aristolochia chilensis* (Aristolochiaceae) in host searching by fourth-instar larvae and adults of *Battus polydamas archidamas* (Lepidoptera: Papilionidae: Troidini). *European Journal of Entomology*

106(1): 63-68, 2 figs., 2 tabs. (10 March) [host plant; Chile]

2009b. Aristolochic acids affect the feeding behaviour and development of *Battus polydamas archidamas* larvae (Lepidoptera: Papilionidae: Troidini). *European Journal of Entomology* 106(3): 357-361, 4 figs. (30 May) [host plant; Chile]

**Pinto, Carlos F., Alejandro Urzúa and Hermann M. Niemeyer**

2011. Sequestration of aristolochic acids from meridic diets by larvae of *Battus polydamas archidamas* (Papilionidae: Troidini). *European Journal of Entomology* 108(1): 41-45, 4 figs. (3 January) [host plants; Chile]

**Pinto, John D. [1940- ]**

2016. A review of the New World genera of Trichogrammatidae (Hymenoptera). *Journal of Hymenoptera Research* 15(1): 38-163, 274 figs., 1 tab. (28 March) [general; parasitoids]

2010. See Querino, R. B. et al., 2010.

**Pinto, Jonas de Miranda, and Acácio Geraldo de Carvalho**

2001. Razão de crescimento, mortalidade e sobrevivência de *Urbanus acawoios* Williams (1926) (Lep.: Hesperidae). *Floresta e Ambiente* (Seropédica) 8(1): 153-160, 4 tabs. (January-December) [host plants; behavior; Brazil]

**Pinto, Nozor Paulo Outeiro**

1996. See Campos-Farinha, A. E. de C. & N. P. O. Pinto, 1996.  
1997. See Campos-Farinha, A. E. de C. et al., 1997.

**Pinto-Zevallos, Delia Milagros**

2016. See Ambrogi, B. G. et al., 2016.

**Pinzón, Olga Patricia, and Helena Moreno**

1998. Entomofauna asociada a plantaciones forestales comerciales en Colombia. *Boletín de Protección forestal. Plagas/Enfermedades* 3: 3-29, 1 fig., 7 tabs., 5 graphs (September) [Lycaenidae]

**Pinzón, Wilson**

2011. See Marín, O. H. et al., 2011.

**Piña-Rodrigues, Fátima Conceição Márquez**

1998. See Piratelli, A. J. et al., 1998.

**Piñas, Francisco**

2001a. El género *Marpesia* (Hübner, 1818) (Lepidoptera: Nymphalidae: Nymphalinae), en Ecuador. *Lepidoptera* (Quito) 7: 1-8, 30 figs. (March) [general]

2001b. El género *Actinote* (Hübner, 1819) (Lepidoptera: Nymphalidae: Nymphalinae), en Ecuador. *Lepidoptera* (Quito) 8: 1-19, 90 figs. (April) [general]

2001c. El género *Phoebis*, Hübner, 1819. (Lepidoptera: Pieridae: Coliadinae), en Ecuador. *Lepidoptera* (Quito) 12: 1-8, 32 figs. (August) [general]

2001d. El género *Lasiophila* Felder, 1859. (Lepidoptera: Nymphalidae: Satyrinae), en Ecuador. *Lepidoptera* (Quito) 15: 1-7, 22 figs. (November) [general]

2004a. *Mariposas del Ecuador. Vol. 12. Familia: Nymphalidae: Subfamilias: Limenitidinae, Cyrestinae, Biblidinae, Apaturinae, Nymphalinae*. Quito, Compañía de Jesús. v + 111 pp. + CD (with 856 figs.) (March) [general; *Temenis barredi*: nomen nudum]

2004b. *Mariposas del Ecuador. Vol. 10b. Familia: Pieridae*. Quito, Compañía de Jesús. v + 73 pp. + CD (with 648 figs.) (May) [general]

2004c. *Mariposas del Ecuador. Vol. 11b. Familia: Nymphalidae. Subfamilia: Satyrinae*. Quito, Compañía de Jesús. v + 90 pp. + CD (with 692 figs.) (July) [general; *nomina nuda*]

2004d. *Mariposas del Ecuador. Vol. 11a. Familia: Nymphalidae: Subfamilias: Libytheinae, Danainae, Charaxinae, Morphinae, Heliconiinae*. Quito, Compañía de Jesús. v + 138 pp. + CD (with 1066 figs.) (August) [general; *nomina nuda*]

2005. *Mariposas del Ecuador. Vol. 5a. Familias: Uraniidae, Epiplemidae, Sematuridae, Tyatiridae [sic], Hedyllidae,*

- Geometridae: Subfamilias: Oenochrominae, Geometrinae, Sterrhinae.* Quito, Compañía de Jesús. v + 73 pp. + CD (with 502 figs.) (December) [general]
- 2006a. *Mariposas del Ecuador. Vol. 13. Familia Lycaenidae.* Quito, Compañía de Jesús. v + 57 pp. + CD (with 552 figs.) (January) [general; *nomina nuda*]
- 2006b. *Mariposas del Ecuador. Vol. 14. Familia: Riodinidae.* Quito, Compañía de Jesús. v + 77 pp. + CD (with 839 figs.) (February) [general; *nomina nuda*]
- 2006c. *Mariposas del Ecuador. Vol. 9. Familia Hesperidae.* Quito, Compañía de Jesús. v + 97 pp. + CD (with 1075 figs.) (March) [general; *nomina nuda*]
- Piñas, Francisco, and Paola Carrera**  
2001. Género *Corades* Hewitson, 1849 en el Museo QCAZ (PUCE) - Ecuador (Lepidoptera, Nymphalidae, Satyrinae). *Revista de la pontificia Universidad católica del Ecuador* 66: 75-91, 17 figs. (July) [general]
- Piñas, Francisco, and Iván Manzano**  
1997. *Mariposas del Ecuador. Vol. 1. Géneros.* Quito, Pontificia Universidad Católica del Ecuador. 115 pp., 702 figs. (December) [general]
2001. Hedyliidae. *Macrosoma. Lepidoptera* (Quito) 9: 1-8, 19 figs. (May) [general; Ecuador]
- Piñas, Francisco, and Giovanna Rodríguez**  
2000. El género *Hamadryas* Hübner, 1806 en Ecuador (Lepidoptera: Nymphalidae: Nymphalinae). *Lepidoptera* (Quito) 3: 1-23, 30 figs. (November) [general]
- Piñeiro, Carlos**  
1983. See Bernal, R. & C. Piñeiro, 1983.
- Piñones, Daniel, Rodrigo S. Ríos and Ernesto Mario Gianoli**  
2017. Pupal colour dimorphism in a desert swallowtail (Lepidoptera: Papilionidae) is driven by changes in food availability, not photoperiod. *Ecological Entomology* 42(5): 636-644, 3 figs., 1 tab. (October; published online 13 June) [*Battus polydamas archidamas* (Boisduval); host plant; Chile]
- Piovesan, Geisa**  
2015. See Carvalho, A. P. dos S de et al., 2015.
- Piovesan, Geisa, and Ana Beatriz Barros de Moraes**  
2015. Borboletas de fragmentos de Mata Atlântica da região central do Rio Grande do Sul, Brasil (Lepidoptera: Papilionoidea). *Shilap* 43(170): 199-216, 3 figs., 4 tabs. (30 June) [general]
- Piovesan, Mônica**  
2015. See Favretto, M. A. et al., 2015.  
2016. See Orlandin, E. et al., 2016.  
2018. See Favretto, M. A. et al., 2018.
- Piovesan, Mônica, Elton Orlandin, Mário Arthur Favretto and Emili Bortolon dos Santos**  
2014. Contribuição para o conhecimento da lepidopterofauna de Santa Catarina, Brasil. *Scientia plena* 10(9): 1-32, 1 tab. (September) [general]
- Pirani, José Rubens**  
2016. See El Ottra, J. H. L. et al., 2016.
- Piras, Cleuza**  
1986. See Gobbi, N. & C. Piras, 1986.
- Piratelli, Augusto João, Fátima Conceição Márquez Piña-Rodrigues, Flávio Bertin Gandara, Elza Maria Guimarães Santos and Luiz Gonzaga da Silva Costa**  
1998. Biología da polinização de *Jacaratia spinosa* (Aubl)ADC. (Caricaceae) em mata residual do sudeste brasileiro. *Revista brasileira de Biologia* 58(4): 671-679, 4 figs., 3 tabs. (1 November) [*Ascia monuste* (Linnaeus)]
- Pires, Ana Carolina Vieira, Marina do Vale Beirão, Geraldo Wilson Fernandes, Isabela Freitas de Oliveira, Geanne Carla Novais Pereira, Vanessa Diniz e Silva, Olaf Hermann Hendrik Mielke and Marcelo Duarte**  
2018. Checklist of butterflies from the rupestrian grasslands of Serra do Cipó, Minas Gerais, Brazil (Lepidoptera: Papilionoidea). *Shilap* 46(181): 5-17, 2 figs., 2 tabs. (30 March) [general]
- Pires, Carmen Silvia Soares**  
2014. See Paula, D. P. et al., 2014.
- Pires, J. Chris**  
2015. See Edger, P. P. et al., 2015.
- Pires, José Carlos**  
2013. See Guerreiro, J. C. et al., 2013.
- Pirih, Primož**  
2009. See Stavenga, D. G. et al., 2009.  
2011. See Wilts, B. D. et al., 2011.
- Piron-Prunier, Florence**  
2014. See Le Poul, Y. et al., 2014.  
2017. See Chouteau, M. et al., 2017.  
2019a. See Chazot, N. et al., 2019a.  
2019b. See Saenko, S. V. et al., 2019.
- Piron-Prunier, Florence, Mathieu Chouteau, Annabel C. Whibley, Mathieu Joron and Violaine Llaurens**  
2016. Selection of valid reference genes for reverse transcription quantitative PCR analysis in *Heliconius numata* (Lepidoptera: Nymphalidae). *Journal of Insect Science* 16(1)(50): 1-8, 3 figs., 2 tabs. (7 June) [Peru]
- Pischedda, Marina** [1954- ]  
1987a. See Racheli, T. & M. Pischedda, 1987a.  
1987b. See Racheli, T. & M. Pischedda, 1987b.  
1987c. See Racheli, T. & M. Pischedda, 1987c.
- Pischedda, Marina, and Tommaso Racheli**  
1986. A new subspecies of *Parides erlaces* (Gray, 1852) from Ecuador (Lepidoptera: Papilionidae). *Atalanta* 17(1/4): 197-203, figs. 3-6 (December) [*P. e. guillerminae*; biogeography]  
1987. Taxonomic notes on *Parides erlaces* (Gray, [1853]) with description of a new subspecies from Inambari, S.E. Peru (Lep. Papilionidae). *Atalanta* 18(1/2): 107-112, 4 + 3 figs. (August) [*P. e. yaminahua*]
- Piszter, Gabor**  
2014. See Kertész, K. et al., 2014.
- Pitelli, Robinson Antonio**  
1996. See Medal, J. C. et al., 1996.  
2000. See Medal, J. C. et al., 2000.
- Pitoñ, João**  
1941. See Biezanko, C. M. & J. Pitoñ, 1941.
- Pittaway, Anthony R., Torben Bjørn Larsen, A. Legrain, J. Majer, Zdenek Weidenhoffer and M. Gillet**  
2006. The establishment of an American butterfly in the Arabian Gulf: *Brephidium exilis* (Boisduval, 1852) (Lycaenidae). *Nota lepidopterologica* 29(1/2): 5-16, 3 figs. (14 August) [Mexico, Central America, Antilles]
- Pittier, Henri François** [1857-1950]  
1895. Apéndice, pp. 91-92. In: Gabb, W. M., Informe sobre la exploración de Talamanca durante los años de 1873-74. *Anales del Instituto físico-geográfico nacional* (San José) 5: 67-92. [general; Costa Rica]  
1923. *Exploraciones botánicas y otras en la cuenca de Maracaibo*. Caracas, Tipografía Mercantil. 100 pp. [first published in *Boletín comercial e industrial* (Caracas) 4; 1923] [*Mysoria venezuelae* Scudder, *Caligo telamoni* (C. Felder & R. Felder); Venezuela]  
1948. *Trabajos escogidos*. Caracas, Ministerio de Agricultura y Cría. 247 pp., figs. (8 May) [*Mysoria venezuelae* Scudder, *Caligo telamoni* (C. Felder & R. Felder); Venezuela]
- Pittier, Henri François, and Paul Biolley**  
1897. *Invertebrados de Costa Rica. III. Lepidópteros*



- heteróceros* [sic]. (*Especies hasta hoy coleccionadas y determinadas*). San José, Tipografía Nacional. 66 pp. [also in *Anales del Instituto físico-geográfico nacional de Costa Rica* 7: 97-116; 1897] [*Megathymus indecisus* Butler & Druce]
- Pivetta, Marcos**  
2005. Assinatura molecular. *Pesquisa FAPESP* (São Paulo) 110: 56-57, 7 figs. (April) [*Astrartes fuligator* (Walch); taxonomy]
- Piza, Salvador de Toledo, Jr.** [1898-1988]  
1936. Uma nova espécie de Pieridae (Lep. Rhopalocera) pertencente a um gênero ainda não assinalado no Brasil. *Revista de Entomologia* (Rio de Janeiro) 6(1): 117-120, 2 figs. (30 April) [*Hebomoia dinizi*]  
1968. *Insetos de Piracicaba*. Piracicaba, Escola Superior de Agricultura "Luiz de Queiroz". [7] + ii + 123 pp., 44 figs. [general; host plants; Brazil]
- Piza, Salvador de Toledo, Jr. and Adiel Paes Leme Zamith**  
1944. Contribuição para o conhecimento da organização e da biologia de *Brassolis sophorae* (Lep. Brassolidae) e de seu parasita *Xanthozona melanopyga* (Dipt. Tachinidae). *Revista de Agricultura* (Piracicaba) 19(5/6): 204-216, 4 pls., 2 figs. (May-June) [internal anatomy; Brazil]
- Pizarro, Jaime, Jorge Cepeda, Juan E. Barriga and Andrés Bodini**  
2009. Biological vulnerability in the Elqui Valley (Coquimbo Region, Chile) to economically important arthropods. *Ciencia e Investigación Agraria* 36(2): 215-227, 1 fig., 1 tab. (August) [general; host plants]
- Pizzatto, Mariana, Vanda Pietrowski, Luis Francisco Angeli Alves and Ana Raquel Rheinheimer**  
2016. Adequação do hospedeiro e parâmetros relacionados à aptidão de *Cotesia glomerata* L. (Hymenoptera: Braconidae) em diferentes instares de *Ascia monuste orseis* Godart (Lepidoptera: Pieridae). *Arquivos do Instituto biológico* (São Paulo) 83(e1232013): 1-7, 2 figs., 2 tabs. (published online 13 May) [host plants; Brazil]
- Planas, S.**  
2004. See Flanagan, N. S. et al., 2004.
- Plant, John D.**  
2005. See Krenn, H. W. et al., 2005.
- Plantrou, Antoine**  
1981. See Guilbot, R. & A. Plantrou, 1981.
- Plantrou, Jacques** [ -1994]  
1965. Description d'une nouvelle espèce d'*Antirrhoea* de Colombie (Lep. Satyridae). *Bulletin de la Société entomologique de France* 69(7/8): 201-204, 2 figs. (4 February) [*A. kiefferi*]
- Plantrou, Jacques, and Stéphane Attal**  
1986. Description d'une nouvelle espèce du genre *Panacea* découverte en Guyane Française: *Panacea bleuzeni* nov. sp. (Lepidoptera, Nymphalidae). *Bulletin de la Société Sciences Nat* 50: 23-24, pl. 1, figs. 3-6 (22 September)
- Plata-Rueda, Angélica**  
2013. See Martínez, L. C. & A. Plata-Rueda, 2013.  
2018. See Martínez, L. C. et al., 2018.
- Platas-Rosado, Diego Esteban**  
2016. See López-Collado, J. et al., 2016.
- Plateau, Felix** [1841-1911]  
1891. La ressemblance protectrice chez les lépidoptères européens. *Le Naturaliste* (2)5(112): 251-254, 7 figs. (1 November) [also in *Bullettino della Società entomologica italiana* 25(4): 337-345, 4 figs; 15 January 1894] [*Anaea phantes* (Hopffer), *Siderone clara* Staudinger; crypsis]
- Platner, Gary R.**  
1983. See Oatman, E. R. & G. R. Platner, 1983.
- Platt, Austin P.** [1937- ]  
1983. Evolution of North American Admiral butterflies. *Bulletin of the entomological Society of America* 29(3): 10-22, 9 figs. [*Limenitis* spp.; Mexico]
- Platt, Roy N., II**  
2013. See Lavoie, C. A. et al., 2013.
- Plattner, Luca**  
2004. Optical properties of the scales of *Morpho rhetenor* butterflies: theoretical and experimental investigation of the back-scattering of light in the visible spectrum. *Journal of the royal Society of London Interface* 1(1): 49-59, 12 figs. (22 November; published online 11 August)
- Platts, Adrian E.**  
2015. See Edger, P. P. et al., 2015.
- Plaumann, Friedrich** [= Fritz] [1902-1994]  
1936-37. Im Urwald. *Entomologische Rundschau* 54(11): 120-125 (15 December 1936), (18): 213-216 (8 February 1937), (24): 293-298, 1 fig. (22 March 1937), (26): 320-321 (8 April 1937) [general; ecology; Brazil]  
1938. Beiträge zur Lepidopterenfauna von Sta. Catharina, Süd-Brasilien. *Entomologische Rundschau* 55(15): 169-171 (15 January) [general]
- Plaxton, Joseph William**  
1891. Migration of butterflies, Jamaica. *Hardwicke's Science Gossip* 27(322): 221 (October) [general]
- Pleasants, John M.**  
2016. See Semmens, B. X. et al., 2016.
- Pleasants, John M., and Karen Suzanne Oberhauser**  
2013. Milkweed loss in agricultural fields because of herbicide use: effect on the monarch butterfly population. *Insect Conservation and Diversity* 6(2): 135-144, 4 figs., 3 tabs. (March; published online 12 March) [*Danaus plexippus* (Linnaeus); host plants; migration; Mexico]
- Pleasants, John M., Myron Phillip Zalucki, Karen Suzanne Oberhauser, Lincoln Pierson Brower, Orley Robert Taylor, Jr. and Wayne E. Thogmartin**  
2017. Interpreting surveys to estimate the size of the monarch butterfly population: Pitfalls and prospects. *PLoS ONE* 12(7)(e0181245): 1-16, 3 figs., 3 tabs. (14 July) [*Danaus plexippus* (Linnaeus); Mexico]
- Plester, Leigh**  
1994. De fus' time in Tobago. *Bulletin of the amateur Entomologists' Society* 53(393): 89-96 (20 April), (394): 99-103 (20 June), (395): 151-156 (20 August) [general]
- Pliske, Thomas Edward** [1941- ]  
1970. See Eisner, T. et al., 1970.  
1973. Factors determining mating frequencies in some New World butterflies and skippers. *Annals of the entomological Society of America* 66(1): 164-169, 8 tabs. (January) [general; behavior; ecology; Trinidad]  
1974. See Edgar, J. A. et al., 1974.  
1975a. Attraction of Lepidoptera to plants containing pyrrolizidine alkaloids. *Environmental Entomology* 4(3): 455-473, 4 figs., 9 tabs. (16 June) [general; behavior; evolution; Guyana, Ecuador; Venezuela; Trinidad, Panama]  
1975b. Pollination of pyrrolizidine alkaloid-containing plants by male Lepidoptera. *Environmental Entomology* 4(3): 474-479, 3 tabs. (16 June) [general; behavior; Venezuela]  
1975c. Courtship behavior and use of chemical communication by males of certain species of ithomiine butterflies (Nymphalidae: Lepidoptera). *Annals of the entomological Society of America* 68(6): 935-942, 5 figs., 3 tabs. (November) [general; Venezuela]  
1976. See Edgar, J. A. et al., 1976.
- Pliske, Thomas Edward, John Alexander Edgar and Claude Charles Joseph Culvenor**

1976. The chemical basis of attraction of ithomiine butterflies to plants containing pyrrolizidine alkaloids. *Journal of chemical Ecology* 2(3): 255-262, 2 figs., 1 tab. (July-September) [general; Neotropics]
- Pliske, Thomas Edward, and Thomas Eisner**
1969. Sex pheromone of the queen butterfly: biology. *Science* 164 (3884): 1170-1172, 2 figs. (6 June) [*Danaus gilippus berenice* (Cramer), *Lycorea ceres ceres* (Cramer); biochemistry; Neotropics]
- Plötz, Carl** [1814-1886]
- 1879a. Hesperiiina Herr. Sch. *Stettiner entomologische Zeitung* 40(4/6): 175-180 (mid April) [general; new genus: *Sophista*]
- 1879b. Die Hesperiiinen-Gattung *Erycides* Hübn. und ihre Arten. *Stettiner entomologische Zeitung* 40(7/9): 406-411 (late July), (10/12): 474 (early November) [general; new species: *E. tophana*, *E. imbreus*, *E. eribus*; Neotropics]
- 1879c. Die Hesperiiinen-Gattung *Pyrrhopyga* und ihre Arten. *Stettiner entomologische Zeitung* 40(10/12): 520-538 (early November) [general; new species: *P. ulixes*, *P. dysoni*, *P. hephaestos*, *P. patroclus*, *P. dorylas*, *P. othello*, *P. porus*, *P. martii*, *P. spixii*, *P. pertyi*, *P. cyrillus*, *P. dulcinea*, *P. josepha*, *P. pelota*; Mexico, Central and South America]
- 1881a. Die Hesperiiinen-Gattung *Eudamus* und ihre Arten. *Stettiner entomologische Zeitung* 42(10/12): 500-504 (mid September); 43(1/3): 87-101 (late November) [general; new species: *E. misitra*, *E. dinora*, *E. zopyrus*, *E. erycina*, *E. aulus*, *E. briccius*, *E. orphne*, *E. orpheus*, *E. justus*, *E. hopfferi*, *E. blasius*, *E. gundlachii*, *E. scheba*, *E. rochus*, *E. ignatius*, *E. phlius*, *E. schaefferi*, *E. valeriana*, *E. ananius*, *E. nicomedes*, *E. albociliata*, *E. jalapus*; Neotropics]
- 1881b. Die Hesperiiinen-Gattung *Goniurus* Hüb. und ihre Arten. *Bulletin de la Société impériale des Naturalistes de Moscou* 55(3): 1-22 (before 7 March) [general; new species: *G. gracillcauda*, *G. pilatus*, *G. procne*, *G. zagorus*, *G. zalanthus*, *G. elongatus*, *G. nicasius*, *G. procerus*, *G. aelius*, *G. retractus*, *G. larius*, *G. velinus*, *G. galbula*, *G. kefersteinii*, *G. proteoides*, *G. platowii*, *G. ixion*, *G. herophilus*, *G. nivosus*, *G. albistria*, *G. cholus*, *G. gideon*, *G. hypozeonius*; Neotropics]
- 1882a. Einige Hesperiiinen-Gattungen und deren Arten. *Berliner entomologische Zeitschrift* 26(1): 71-82 (April) [general; new species: *Proteides zethos*, *P. antiope*, *P. nicola*, *Telemiades vulpecula*, *T. solon*, *Netrocoryne coronus*, *N. seneca*, *Telegonus corentinus*, *T. gaurus*, *T. ophiuchus*, *T. mutius*, *T. caenosa*, *T. tychios*, *T. lucca*, *T. pertica*; Neotropics]
- 1882b. Die Hesperiiinen-Gattung *Hesperia* Aut. und ihre Arten. *Stettiner entomologische Zeitung* 43(7/9): 314-344 (early May), (10/12): 436-456 (mid August); 44(1/3): 26-64 (early November) [general; new species: *H. paria*, *H. infuscata*, *H. achelous*, *H. caura*, *H. ina*, *H. insignis*, *H. rubida*, *H. irma*, *H. depuncta*, *H. crispinus*, *H. rivera*, *H. bias*, *H. gabinus*, *H. perloides*, *H. perla*, *H. circellata*, *H. leucopogon*, *H. lycaenoides*, *H. antistia*, *H. pruinosa*, *H. abdon*, *H. acraea*, *H. fimbriata*, *H. ochrope*, *H. peratha*, *H. nealces*, *H. alda*, *H. trimaculatus*, *H. cordela*, *H. elisa*, *H. lusciniia*, *H. adjuncta*, *H. besckei*, *H. licia*, *H. ocrinus*, *H. anitta*, *H. nanneta*, *H. perola*, *H. valentina*, *H. replana*, *H. socles*, *H. emacareus*, *H. aeas*, *H. cabenta*, *H. diroes*, *H. elana*, *H. silanion*, *H. metella*, *H. ozeta*, *H. jebus*, *H. melaleuca*, *H. cinica*, *H. chlorus*, *H. zisa*, *H. hypodesma*, *H. cuneata*, *H. hesoides*, *H. hersilia*, *H. senex*, *H. eucherus*, *H. bursa*, *H. elvira*, *H. lycius*, *H. aurelius*, *H. monacha*, *H. peninsularis*, *H. zola*, *H. warra*, *H. sabina*, *H. cingulicornis*, *H. distigma*, *H. aquilina*, *H. dyma*, *H. rezia*, *H. quadrangula*, *H. vellejus*, *H. corisana*, *H. olympia*, *H. duroca*, *H. dedecora*, *H. zeppa*, *H. lydora*, *H. degener*, *H. parvipuncta*, *H. cyrus*, *H. favetta*, *H. gura*, *H. eteocla*, *H. pupillus*, *H. autumnna*, *H. dalima*, *H. philerope*, *H. credula*, *H. osca*, *H. sabaea*, *H. ulrica*, *H. xanthosticta*, *H. verticalis*, *H. commodus*, *H. tyrtaeus*, *H. edata*, *H. phocylides*, *H. lochius*, *H. dido*, *H. judas*, *H. grotei*, *H. pudorina*, *H. lupulina*, *H. lunata*, *H. silene*, *H. nostis*, *H. corticea*, *H. gereon*, *H. cinna*, *H. vesuria*, *H. eulogius*, *H. lidia*; Neotropics]
- 1882c. Einige Hesperiiinen-Gattungen und deren Arten. *Berliner entomologische Zeitschrift* 26(2): 253-266 (December) [general; new taxa: *Pellicia licisca*, *P. rubescens*, *P. corinna*, *P. theon*, *P. zamia*, *P. tyana*, *Arteurotia demetrius*, *A. bufonia*, *A. epipola*, *Aethilla weymeri*, *A. toxeus*, *A. nocera*, *A. primus*, *A. melas*, *Cogia punctilia*, *Cecropterus longipennis*, *C. koluthos*, *C. orontes*, *C. lunulus*, *C. cincta*, *C. bocus*, *Lychnuchus clearchus*, *Sophista* (new genus) *plinii*, *Udranomia ambla*; Neotropics]
- 1883a. Die Hesperiiinen-Gattung *Hesperia* Aut. und ihre Arten. *Stettiner entomologische Zeitung* 44(4/6): 195-233 (mid January) [general; new species: *H. aurinia*, *H. gemma*, *H. zenckei*, *H. amanda*, *H. lysias*, *H. mironia*, *H. ammonia*, *H. magica*, *H. zela*, *H. lujana*, *H. morganta*, *H. ancora*, *H. ignorans*, *H. dates*, *H. reticulata*, *H. lina*, *H. zachaeus*, *H. erratica*, *H. angulina*, *H. ulphila*, *H. angustus*, *H. subreticulata*, *H. grynea*, *H. francisca*, *H. liberia*, *H. amphissa*, *H. stadius*, *H. humeralis*, *H. letis*, *H. tropica*, *H. serina*; Neotropics]
- 1883b. Die Hesperiiinen-Gattung *Phareas* Westw. und ihre Arten. *Stettiner entomologische Zeitung* 44(10/12): 451-456 (mid July) [general; new species: *P. ferruginea*, *P. cervinus*, *P. epimethea*, *P. serenus*, *P. annae*; South America]
- 1883c. Die Hesperiiinen-Gattung *Entheus* Hüb. und ihre Arten. *Stettiner entomologische Zeitung* 44(10/12): 456-458 (mid July) [general; new species: *E. concinna*; South America]
- 1883d. Die Hesperiiinen-Gattung *Ismene* Sw. und ihre Arten. *Stettiner entomologische Zeitung* 45(1/3): 51-66 (late November) [*I. bixae* (Linnaeus)]
- 1884a. Die Hesperiiinen-Gattung *Plastingia* Butl. und ihre Arten. *Stettiner entomologische Zeitung* 45(4/6): 145-150 (early March) [general; Brazil, Colombia, Venezuela, Ecuador]
- 1884b. Die Hesperiiinen-Gattung *Apaustus* Hüb. und ihre Arten. *Stettiner entomologische Zeitung* 45(4/6): 151-166 (early March) [general; new species: *A. odilla*, *A. argynnis*, *A. acroleuca*, *A. facilis*, *A. scheria*, *A. fabulinus*, *A. venosus*, *A. bebarus*, *A. tenera*, *A. clavicular*, *A. levina*, *A. eudemia*, *A. krexos*, *A. flavocostata*, *A. imerius*, *A. prittwitzii*, *A. euphrasia*, *A. leporina*; Neotropics]
- 1884c. Die Hesperiiinen-Gattung *Thymelicus* Hüb. und ihre Arten. *Stettiner entomologische Zeitung* 45(7/9): 284-290 (late June) [general; new species: *T. tucumanus*, *T. isidorus*; Mexico, Argentina, Cuba]
- 1884d. Die Hesperiiinen-Gattung *Butleria* Kirby und ihre Arten. *Stettiner entomologische Zeitung* 45(7/9): 290-295 (late June) [general; new species: *B. mesoxantha*, *B. xantholeuca*, *B. dolabella*, *B. ligilla*, *B. apertus*, *B. pruna*; Colombia, Venezuela, Chile, Ecuador, Panama]
- 1884e. Die Hesperiiinen-Gattung *Telesto* Bsd. und ihre Arten. *Stettiner entomologische Zeitung* 45(10/12): 376-384 (late September) [*T. tripunctata* (Latreille); Brazil]
- 1884f. Die Hesperiiinen-Gattung *Carterocephalus* Led. und ihre Arten. *Stettiner entomologische Zeitung* 45(10/12): 386-388 (late September) [general]
- 1884g. Die Gattung *Cyclopides* Hüb. und ihre Arten. *Stettiner entomologische Zeitung* 45(10/12): 389-397 (late

- September) [general; new species: *C. gyrans*, *C. facetus*, *C. vitus*; Mexico, Chile]
- 1884h. Analytische Tabellen der Hesperiden-Gattungen *Pyrgus* und *Carcharodus*. *Mitteilungen des naturwissenschaftlichen Verein von Neu-Vorpommern und Rugen in Greifswald* 15: 1-24 ([before 15 September]) [general; new species: *P. willii*, *P. adepta*, *P. albescens*, *P. insolatrix*, *P. veturius*, *P. adjutrix*, *P. bellatrix*, *P. dion*, *P. lycurgus*, *P. varus*; Neotropics]
- 1884i. Die Hesperiden-Gruppe der Achlyoden. *Jahrbücher des nassauischen Vereins für Naturkunde* 37: 1-55 ([after 20 December]) [general; new species: *Ephyriades variegata*, *Pythonides praxis*, *P. portulana*, *P. caeruleus*, *P. alaricus*, *P. servatius*, *P. subalbata*, *Achlyodes nivonicus*, *A. thiena*, *A. serapion*, *A. plumbago*, *A. fatinitza*, *A. protius*, *A. gorgona*, *A. basigutta*, *A. corbinianus*, *A. anticus*, *A. ancholis*, *A. blanda*, *A. servius*, *A. erisichthon*, *A. cnidus*, *Antigonus sericus*, *A. bipuncta*, *A. aura*, *A. badia*, *A. oeclydes*, *A. tolimus*, *A. obliqua*, *A. robigus*, *A. patens*, *A. simplicior*, *A. alburnea*, *A. fumosus*, *A. ruptifasciata*, *A. tortricinus*, *A. triseriata*, *A. eremita*, *A. cajus*, *A. adamas*, *A. jamaicensis*, *A. heteropterus*, *A. diogenes*, *Nisoniades tucumanus*, *N. flavipalpis*, *N. eusebius*, *N. astur*, *N. aterea*, *N. oeta*, *Tagiades taeniatus*, *T. bibiana*, *T. doria*, *T. caecus*, *T. monophthalma*, *T. diophthalma*, *T. jacobus*, *T. morvus*, *T. monartus*, *T. hiera*; Neotropics]
1885. Die Hesperiden-Gattung *Leucochitonea* Wlgr.? und ihre Arten. *Stettiner entomologische Zeitung* 46(1/3): 36-40 (late January) [general; new species: *L. bianca*, *L. marginalis*, *L. ligania*, *L. adusta*; Mexico, Panama, South America]
1886. Nachtrag und Berichtigungen zu den Hesperiden. *Stettiner entomologische Zeitung* 47(1/3): 83-117 (early February) [general; new species: *Goniurus brevicauda*, *G. dominicus*, *Eudamus mysius*, *E. tellus*, *Arteurotia meris*, *Hesperia zalma*, *H. beda*, *H. camposa*, *H. quispica*, *H. angulis*, *H. mamurra*, *H. cinerita*, *H. diana*, *H. hilda*, *H. uruba*, *H. angellus*, *H. aethra*, *H. mulla*, *H. conta*, *H. cabella*, *H. subviridis*, *H. monica*, *H. piso*, *H. catilina*, *H. librita*, *H. hyboma*, *Apaustus vopiscella*, *A. matuta*, *Leucochitonea pampina*, *Antigonus zorilla*, *Tagiades chacona*, *T. vincula*, *Pyrrhopyga iphimedia*, *P. parina*; Panama, South America]
- Plotkin, David**  
 2018a. See Kawahara, A. Y. et al., 2018a.  
 2018b. See Kawahara, A. Y. et al., 2018b.  
 2019. See Kawahara, A. Y. et al., 2019.
- Plotkin, David, and Jerome Goddard**  
 2013. Blood, sweat, and tears: a review of the hematophagous, sudophagous, and lacryphagous Lepidoptera. *Journal of Vector Ecology* 38(2): 289-294, 1 fig. (December; published online 11 November) [general]
- Plowman, Timothy Charles** [1944-1989]  
 1998. A revision of the South American species of *Brunfelsia* (Solanaceae). *Fieldiana (Botany) (New Series)* 39: xiii + 1-135, frontisp., 1 pl., 46 figs., 7 tabs. (31 August) [edited by S. Knapp & J. R. Press] [general; host plants; pollinators]
- Pocius, Victoria**  
 2015. See Brower, L. P. et al., 2015.
- Poderoso, Júlio César Melo**  
 2013a. See Ribeiro, R. C. et al., 2013.  
 2013b. See Tavares, W. de S. et al., 2013b.  
 2016. See Rodríguez-Dimaté, F. A. et al., 2016.
- Podsiadlowski, Lars**  
 2019. See Kawahara, A. Y. et al., 2019.
- Podtiaguin, Boris** [1892-1959]  
 1944a. Insectos que atacan a las plantas cultivadas en el Paraguay. *Revista de la Sociedad científica del Paraguay* 6(4): 316 (15 August) [general]
- 1944b. Insectos coleccionados por Guillermo Foster [los]cuales figuran en el Museo Nacional de Historia Natural del Paraguay. *Revista de la Sociedad científica del Paraguay* 6(4): 23-24 (15 August) [Brassolidae; Paraguay]
- Poey, Felipe** [= Philippe] [1799-1891]  
 1832a. *Centurie de lépidoptères de l'île de Cuba, contenant la description et les figures coloriées de cent espèces de papillons nouveaux ou peu connus, représentés d'après nature, souvent avec la chenille, la chrysalide, et plusieurs détails microscopiques*. Paris, J. Albert Mercklein. [1]: 4 + [32] pp., 10 pls. (25 April); [2]: [21] pp., 10 pls. (30 July) [general; host plants; larvae, pupae, imagines; behavior; habitats; new species: *Callidryas orbis*, *Melitea* [sic] *frisia*, *Eumenia atala*, *Hesperia papinianus*, *H. ulpanus*, *H. labeo*, *Terias dina*, *Polyommatus filenus*]
- 1832b. [*Argynnis moneta*]. *Magasin de Zoologie* 2(11): [2] pp., pl. 11 [Mexico]
- 1846-47. Catálogo metódico y descriptivo de las mariposas de la Isla de Cuba. *Memorias de la real Sociedad económica de La Habana* (2)2(3): 174-177 (September 1846), (4): 233-236 (October, 1846), (5): 297-302 (November 1846), (6): 383-388 (December 1846); 3(1): 44-50 (January 1847), (2): 121-125 (February 1847), (3): 175-179 (March 1847), (4): 243-246 [sic] [= 289-292] (April 1847) [general; host plants; new genus: *Faunia*]
- 1852a. XIV. *Sistema alario de los insectos, o nomenclatura de las nervuras y células*, pp. 180-194, pls. 19-22. In: *Memorias sobre la Historia Natural de la Isla de Cuba, acompañadas de sumarios latinos y extractos en francés*. La Habana, Imprenta de Barcina. 1(3). (October) [general; morphology]
- 1852b. XIV [sic]. *Centuria de lepidópteros y catálogo de las mariposas de la Isla de Cuba. Obras ya publicadas por el autor de estas memorias*, pp. 194-200. In: *Memorias... La Habana, Imprenta de Barcina*. 1(3). (October) [general]
- 1852c. Pl. 15. In: *Memorias... La Habana, Imprenta de Barcina*. 1(3). (October) [illustrations of *Papilio caiguanabus* and *Terias lyside*]
- 1852d. Pl. 18. In: XX. *Tériades cubanas, género de mariposas diurnas*. In: *Memorias... La Habana, Imprenta de Barcina*. 1(3). (October) [illustrations of *Terias sulphurina*, *T. citrina*, *T. lucina*, *T. amelia*, *T. iradia*, *Nathalis felicia*]
- 1853a. P. 201. In: XIV [sic]. *Centuria de lepidópteros y catálogo de las mariposas de la Isla de Cuba. Obras ya publicadas por el autor de estas memorias*. In: *Memorias... La Habana, Imprenta de Barcina*. 1(4). (May)
- 1853b. XX. *Tériades cubanas, género de mariposas diurnas*, pp. 243-255, pl. 24. In: *Memorias... La Habana, Imprenta de Barcina*. 1(4). (May) [general; new species: *Terias gundlachia*, *T. citrina*, *T. sulphurina*, *T. palmira*, *T. ebriola*, *T. albina*, *T. lucina*, *T. amelia*, *T. iradia*]
- 1854a. XXVIII. *Apuntes sobre la fauna de la Isla de Pinos*, pp. 424-431. In: *Memorias... La Habana, Imprenta de Barcina*. 1(5). (June) [general; Cuba]
- 1854b. *Apéndice*, pp. 433-453. In: *Memorias... La Habana, Imprenta de Barcina*. 1(5). (June) [general; new species: *Papilio caiguanabus*, *Terias fornsi*, *Nathalis felicia*; Cuba]
1861. LIII. *Apéndice*, pp. 415-427. In: *Memorias... La Habana, Imprenta de Barcina*. 2. (June) [general]
- Poffo, Denis A., Hernán Mario Beccacece, Giorgio M. Caranti, Raúl A. Comes, María Eugenia Drewniak, Agustín Martina, Adriana Inés Zapata, Andrés Rodríguez and Jorge N. Saffe**  
 2018. Migration monitoring of *Ascia monuste* (Lepidoptera) and *Schistocerca cancellata* (Orthoptera) in Argentina using

- RMA1 weather radar. *ISPRS Journal of Photogrammetry and remote Sensing* 145(B): 340-348, 8 figs., 1 tab. (November)
- Pogue, Michael G.**  
2009. Biodiversity of Lepidoptera, pp. 325-355, pl. 7, 3 figs., 2 tabs. In: Foottit, R. G. & P. H. Adler (Eds.), *Insect Biodiversity: Science and Society*. London, Blackwell Publishing Ltd. (published online 30 March) [general]
- Pohl, Nélide, Marilou P. Sison-Mangus, Emily N. Yess, Saif W. Liswi and Adriana Darielle Briscoe**  
2009. Impact of duplicate gene copies on phylogenetic analysis and divergence time estimates in butterflies. *BMC evolutionary Biology* 9(99): 1-16, 4 figs., 3 tabs. (13 May) [general]
- Pohlit, Adrian M.**  
2019. See Negreiros, A. A. et al., 2019.
- Poinar, George Orlo, Jr.** [1946- ]  
1975. *Entomogenous Nematodes. A Manual and Host List of Insect Nematode Associations*. Leiden, E. J. Brill. 317 pp., 34 figs. [*Caligo* sp.]  
1993. Insects in amber. *Annual Review of Entomology* 46: 145-159, 16 figs., 1 tab. [Riodinidae; larva; República Dominicana]  
1997. See DeVries, P. J. & G. O. Poinar, Jr., 1997.  
1998. See Hammond, P. C. & G. O. Poinar, Jr., 1998.  
2000. Butterflies in amber. *American Butterflies* 8(1): 22-27, 9 figs. [Riodinidae; Dominican Republic]  
2010. Palaeoecological perspectives in Dominican amber. *Annales de la Société entomologique de France* (N.S.) 46(1/2): 23-52, 59 figs. (30 June) [*Theope*; paleontology; Dominican Republic]
- Poinar, George Orlo, Jr., Peter G. Kevan and Betsy R. Jackes**  
2016. Fossil species in Boehmeriaceae (Urticaceae) in Dominican and Mexican amber: a new genus (*Ekrixanthera*) and two new species with anemophilous pollination by explosive pollen release, and possible lepidopteran herbivory. *Botany* 94(8): 599-606, 13 figs. (August; published online 4 August) [Nymphalidae]
- Poinar, George Orlo, Jr., and Roberta Poinar**  
1999. *The amber forest. A reconstruction of a vanished world*. Princeton, Princeton University Press. xviii + 239 pp., figs. [Riodinidae; palaeontology; Dominican Republic]
- Poinar, Roberta**  
1999. See Poinar, G. O., Jr. & R. Poinar, 1999.
- Pointel, Jean-Georges**  
1980. See Voegelé, J. & J.-G. Pointel, 1980.
- Poirier, Eddy**  
2014. See Touroult, J. et al., 2014.  
2015. *Lépidoptères diurnes*, pp. 106-111, figs., 1 tab. In: Pascal, O., J. Touroult & P. Bouchet (Eds.), *Expédition La Planète Revisitée Guyane 2014-15. Synthèse des premiers résultats*. Paris, Muséum National d'Histoire Naturelle (December) [general]
- Poirier, Jules H.**  
1995. *From darkness to light to flight. Monarch - the miracle butterfly*. El Cajon, Institute for Creation Research. vii + 64 pp., 8 pls., figs. [general]
- Poladian, Leon**  
2006. See Wickham, S. et al., 2006.  
2008. See Bosi, S. G. et al., 2008.
- Poladian, Leon, Maryanne C. J. Large, Whayne Padden, Kwan Hee Lee, Shelley Wickham and Nicholas Beeton**  
2004. Is the photonic crystal in the butterflies *T. imperialis* and *P. sesostris* optimal?, pp. 828-829, 1 fig., 1 tab. In: *International Quantum Electronics Conference*, 2004. (published online 2 May 2005)
- Poladian, Leon, Shelley Wickham, Kwan Hee Lee and Maryanne C. J. Large**  
2009. Iridescence from photonic crystals and its suppression in butterfly scales. *Journal of the royal Society of London Interface* 6(supplement 2): 233-242, 15 figs., 1 tab. (6 April; published online 3 November 2008) [*Parides sesostris* (Cramer)]
- Polanczyk, Ricardo Antonio**  
2007a. See Pratissoli, D. et al., 2007a.  
2007b. See Pratissoli, D. et al., 2007b.
- Polanía, Jaime**  
1999. See Elster, C. et al., 1999.
- Polaszek, Andrew**  
1994. See Mound, L. A. et al., 1994.
- Polatto, Leandro Pereira**  
2010. See Almeida-Soares, S. et al., 2010.
- Polegatto, Cleber Macedo**  
2010. *Borboletas (Lepidoptera): Espécies e famílias, hábitos, hábitos e sugestões para identificação*, pp. 63-89, 7 figs. In: *A fauna de insetos da Mata Santa Tereza*. Ribeirão Preto, Estação Ecológica de Ribeirão Preto [general; Brazil]
- Poljanec, Leopold** [1872-1944]  
1900. Zur Morphologie der äusseren Geschlechtsorgane bei den männlichen Lepidopteren. *Arbeiten aus den zoologischen Institut der Universität Wien* 13: 155-196, pls. 1-3, 5 figs. [general]
- Pollard, Charles Louis** [1872-1945]  
1931a. Habits of South American equatorial butterflies. *Journal of the New York entomological Society* 39(2): 167-170 (1 July) [general; behavior; ecology; Brazil, Peru, Guyana]  
1931b. Habits of equatorial butterflies. *Journal of the New York entomological Society* 39(2): 267-268 (1 July) [general; behavior; ecology; Brazil, Peru]  
1932. Notes on collecting in British Guiana. *Journal of the New York entomological Society* 39(4): 605-606 (5 January) [general; behavior]
- Pollock, David D., Ward B. Watt, Vanessa K. Rashbrook and Erika V. Iyengar**  
1998. Molecular phylogeny for *Colias* butterflies and their relatives (Lepidoptera: Pieridae). *Annals of the entomological Society of America* 91(5): 524-531, 4 figs., 3 tabs. (September) [general]
- Polo, Gabriela**  
2019. See Baine, Q. et al., 2019.
- Polo, José, Carmen Santoyo, Mildred Quiroz and Arnold Carrasco**  
2013. Diversidad de familias de lepidópteros en el Caserío San Miguel de las Naranjas, Jaén, Cajamarca – Perú. *Pakamuros* (Jaén) 1(2): 9-17, 16 figs., 1 tab. (December) [general]
- Pomerantz, Aaron F.**  
2016. See Torres, P. J. & A. F. Pomerantz, 2016.
- Pomerantz, Tatiana**  
2016. See Nakahara, S. et al., 2016c.  
2019. See Willmott, K. R. et al., 2019.
- Pomeroy, Arthur William Jobbins** [1891-1956]  
1933. *Heliconius charithonia*, L., in Jamaica, p. 65. In: Poulton, E. B., The gregarious resting habits of Danaine butterflies in Australia; also of Heliconine and Ithomiine butterflies in tropical America. *Proceedings of the entomological Society of London* (A) 7(3): 64-67 (21 April) [behavior]
- Pomiankowski, Andrew**  
1997. See Davies, N. et al., 1997.
- Ponce, Alejandro**  
2011. See González, N. A. et al., 2011.

2016. See González, N. A. et al., 2016.
- Ponce, Beatriz, Javier Ponce and César M. A. Jurado**  
1996. Lepidópteros diurnos del Parque Nacional "Lic. Eduardo Ruiz" de Uruapan, Michoacán. *Ciencia Nicolaita* (Morelia) 13: 117-127, 4 figs., 3 tabs. (December) [general; Mexico]
- Ponce, Hugo E.**  
1997. Butterflies of ancient Mexico. *Cultural Entomology Digest* 4: 6-9, figs. (November) [general; ethnoentomology]
- Ponce, Javier**  
1991. See Jurado, C. M. A. & J. Ponce, 1991.  
1994. See Jurado, C. M. A. & J. Ponce, 1994.  
1996. See Ponce, B. et al., 1996.  
2005. *Insectos y arácnidos*, pp. 90-94, 2 tabs. In: Villaseñor, L. E. (Ed.), *La biodiversidad en Michoacán. Estudio de estado*. México, Comisión Nacional para el Conocimiento y Uso de la Biodiversidad. (November) [general; Mexico]  
2008. See Castillo, M. E. et al., 2008.
- Ponce, Pilar**  
2009. See Aguilar-Astudillo, E. et al., 2009.
- Ponce, Víctor Eugenio**  
2012. See Corona, M. de los Á. et al., 2012.
- Ponessa, Graciela**  
2003. See Medan, D. & G. Ponessa, 2003.
- Poniso, Lauren C.**  
2010. See Bonebrake, T. C. et al., 2010.
- Pons, Ninoska**  
1989. See Rincones, C. et al., 1989.
- Pont, Bernard**  
2004. See Gonzato, J.-C. & B. Pont, 2004.
- Pontes, Astride de Andrade**  
1976. See Vieira, F. V. et al., 1976.
- Pontes, Douglas Vitor**  
2015. See Silva, A. R. M. et al., 2015.
- Poole, Robert Wayne** [1944- ]  
1970. Habitat preferences of some species of a Mullerian-mimicry complex in northern Venezuela, and their effects on evolution of mimic-wing pattern. *Journal of the New York entomological Society* 78(2): 121-129, 48 figs. (19 October) [general]  
1975. See Tahcke, B. J. & R. W. Poole, 1975.
- Popescu-Gorj, Aurelian** [1914-1997]  
1983. *Lumea insectelor in Muzeul de Istorie Naturala "Grigore Antipa"*, pp. 7-61, 24 figs. In: *Ghidul Colectiilor. 1 - insecte*. Bucuresti, Muzeul de Istorie Naturala "Grigore Antipa". [general]  
1989. Expozitia "Fluturi tropicali" - Bijuterii zburatoare [The exhibition "Tropical butterflies - flying jewels"]. *Revista muzeelor si monumentelor. Muzee* 26(2): 17-19, 3 figs. [general]  
1996. See Murariu, D. & A. Popescu-Gorj, 1996.
- Poppy, Guy**  
2003. See Hallberg, E. & G. Poppy, 2003.
- Porfirio, Grasiela**  
2019. See Souza, P. F. de et al., 2019.
- Porion, Thierry**  
1977. 6 mois de chasses en Guyane Française. *Bulletin de la Société Sciences Nat* 15: 10-14 (15 October) [general]
- Porn, Mirian Alcione**  
2008. See Giovenardi, R. et al., 2008.
- Porrás, Carmen María**  
[2010]. See Herrera-Vásquez, J. et al., [2010].
- Portela-Castro, Ana Luiza de Brito**  
2018. See Mari, I. P. et al., 2018.
- Portell, Roger W.**  
2012. See Matthews, D. L. et al., 2012.  
2018. See Matthews, D. L. et al., 2018.
- Porter, Adam H., Hansjürg Geiger, Dessie L. A. Underwood, Jorge Enrique Llorente and Arthur Maurice Shapiro**  
1997. Relatedness and population differentiation in a colonial Mexican butterfly, *Eucheira socialis* (Lepidoptera: Pieridae). *Annals of the entomological Society of America* 90(2): 230-236, 1 fig., 3 tabs. (March)
- Porter, Adam H., and Arthur Maurice Shapiro**  
1990. Lock and key hypothesis: lack of mechanical isolation in a butterfly (Lepidoptera: Pieridae) hybrid zone. *Annals of the entomological Society of America* 83(2): 107-114, 5 figs., 10 tabs. (March) [*Tatochila*; Argentina, Chile]
- Porter, Adelbert Field** [1879-1968]  
1926. Collecting in South America. *Entomological News* 37(10): 325-328 (10 December) [general; Peru]  
1927. Collecting experiences in Ecuador. *Entomological News* 38(6): 170-175 ([9] June) [*Morpho fruhstorferi* Röber]
- Porter, Carlos Emilio** [1868-1942]  
1893. [Quelques détails sur la flore et la faune de Caldera]. *Actes de la Société scientifique du Chili* 2(3): cxlvii (February) [*Vanessa*, *Pieris*; Chile]  
1897a. Datos para el conocimiento de los artrópodos de la Provincia de Valparaíso. *Revista chilena de Historia natural* 1(1): 12-14 (October) [*Vanessa carye* (Hübner); Chile]  
1897b. Pequeña contribución a la fauna del litoral de la Provincia de Valparaíso. Excursión en 14 de Noviembre, 1897. *Revista chilena de Historia natural* 1(3): 3-35 (December) [*Vanessa carye* (Hübner), *Papilio archidamas* Boisduval; Chile]  
1898. Contribución a la fauna de la Provincia de Valparaíso. Excursión a Quintero en el mes de Febrero de 1898. *Revista chilena de Historia natural* 2(3): 31-33 (March) [*Colias rutilans* Boisduval, *C. vauthieri* Guérin, *Vanessa carye* (Hübner); Chile]  
1899a. Datos para el conocimiento de los insectos del Departamento de Quillota. *Revista chilena de Historia natural* 3(3/4): 35-36 (March-April) [general; Chile]  
1899b. Datos para la fauna de la Provincia de Atacama. *Revista chilena de Historia natural* 3(12): 179-182 (December) [*Pyrameis carye* Hübner; Chile]  
1899c. *Catálogo metódico provisional de las colecciones zoológicas. I. Artrópodos i vermes chilenos*. Valparaíso, Imprenta Gillet. 16 pp. [general; Chile]  
1920. Sobre dos braconidos argentinos. *Revista chilena de Historia natural* 24(2): 33-34 (March-April) [*Tatochila autodice* (Hübner); parasitoid]  
1930. Primera lista de artrópodos de Peñalolén. *Revista chilena de Historia natural* 34: 276-279 (after 23 September) [*Tatochila theodice* (Boisduval), *Pyrameis carye* (Hübner); Chile]  
1934. Los estudios lepidopterológicos en Chile. Capítulo extractado de una obra en publicación. *Revista chilena de Historia natural* 38: 110-113, 1 fig. (after 4 October) [general]
- Porter, Duncan M.** [1937- ]  
1971. See Wiggins, I. L. & D. M. Porter, 1971.
- Portier, Paul** [1866-1962]  
1949. La biologie des lépidoptères. *Encyclopédie entomologique* (A) 23: 643 pp., 1 pl., 392 figs. (2 December) [general; morphology; physiology; behavior; mimicry; ecology; zoogeography]
- Portmann, Adolf** [1897-1982]  
1945. *The beauty of butterflies*. New York, Iris Books. 11 pp., 12 pls. [general; behavior; mimicry; Neotropics]  
1959. *Animal camouflage*. Ann Arbor, University of Michigan Press. 111 pp., 101 figs. [German ed., 1956] [general]

## Porto, Guy Marques

- 1942a. Nota sôbre a *Calpodus ethilus* [sic] e seu inimigo natural. *O Campo* (Rio de Janeiro) 13(146): 55-56, 3 figs. (February) [egg, larva, pupa; host plants; parasitoid; Brazil]
- 1942b. A lagarta das couves. *O Campo* (Rio de Janeiro) 13(153): 23-25, 2 figs. (September) [*Pieris monuste orseis* (Godart); egg, larva, pupa, imago; parasitoids; host plants; Brazil]

## Portugal, Augusto Henrique Arantes, and José Roberto Trigo

2005. Similarity of cuticular lipids between a caterpillar and its host plant: a way to make prey undetectable for predatory ants? *Journal of chemical Ecology* 31(11): 2551-2561, 2 figs. (November) [*Mechanitis polymnia casabranca* Haensch; Brazil]

## Portuondo, Eduardo

2002. See Fernández, J. L. et al., 2002.
- 2010a. See Frago, E. et al., 2010.
- 2010b. Composición de la familia Chalcididae (Hymenoptera: Chalcidoidea) en Cuba. *Cocuyo* 18: 48-54, 7 figs. [general; parasitoids]

## Posada, Francisco Javier

- 1988a. Plaga de maracuyá. *Notas y Noticias entomológicas* (Bogotá) 1987(11/12): 68 (19 February) [*Eueides isabella hubneri* Ménétríés; host plant; Colombia]
- 1988b. Doble función. *Notas y Noticias entomológicas* (Bogotá) 1988(3/4): 22 (25 July) [*Opsiphanes cassina* C. Felder & R. Felder; Colombia]
- 1989a. Poco comunes. *Notas y Noticias entomológicas* (Bogotá) 1988(11/12): 75 (21 February) [*Caligo eurilochus* (Cramer); host plant; Colombia]
- 1989b. Sirven de reservorio. *Notas y Noticias entomológicas* (Bogotá) 1988(11/12): 75 (21 February) [*Agraulis juno* (Linnaeus), *Eueides isabella hubneri* Ménétríés; host plants; predators; Colombia]
- 1989c. Plagas del follaje. *Notas y Noticias entomológicas* (Bogotá) 1989(5/6): 41 (9 October) [*Opsiphanes* sp.; host plant; Colombia]
- 1989d. Todos en palma. *Notas y Noticias entomológicas* (Bogotá) 1989(7/8): 63 (22 November) [*Brassolis sophorae* (Linnaeus), *Opsiphanes cassina* C. Felder & R. Felder; host plant; Colombia]
- 1989e. Enemigos eficientes. *Notas y Noticias entomológicas* (Bogotá) 1989(7/8): 63 (22 November) [*Brassolis sophorae* (Linnaeus), *Opsiphanes cassina* C. Felder & R. Felder; host plants; parasitoid; Colombia]
- 1989f. Caen en las trampas. *Notas y Noticias entomológicas* (Bogotá) 1989(9/10): 77 (18 December) [*Caligo* sp.; host plant; Colombia]
1992. See Zenner, I. & F. J. Posada, 1992.
1994. See Bustillo, A. E. et al., 1994.
2000. See Gil, Z. N. et al., 2000.
2002. See Gil, Z. N. & F. J. Posada, 2002.
2003. See Cruz, C. A. & F. J. Posada, 2003.
- 2010a. No prosperan las poblaciones de espejito. *Notas y Noticias entomológicas* (Bogotá) 30(3): 5 (September) [*Agraulis vanillae* (Linnaeus); host plant; parasitoid; Colombia]
- 2010b. Comedores de follaje en lulo. *Notas y Noticias entomológicas* (Bogotá) 30(3): 10 (September) [*Ithomia* sp.; host plant; parasitoid; Colombia]
- 2010c. Muy pobre en mariposas. *Notas y Noticias entomológicas* (Bogotá) 30(3): 14 (September) [general; Colombia]
- 2010d. *Eurema* en alcaparro. *Notas y Noticias entomológicas* (Bogotá) 30(3): 16 (September) [host plant; predator; Colombia]
- 2010e. *Caligo* en caña de azúcar para panela. *Notas y Noticias*

*entomológicas* (Bogotá) 30(4): 8-9, 1 fig. (December) [host plant; parasitoid; Colombia]

2012. Edificio de vidrios, trampa mortal para la fauna. *Notas y Noticias entomológicas* (Bogotá) 32(1): 16-17 (March) [Hesperiidae; Colombia]

## Posada, Francisco Javier, Alex Enrique Bustillo and Reinaldo Cárdenas

1995. Defoliador de la achira. *MIP - Notas y Noticias* (Bogotá) 1(4): 49 (October-December) [Hesperiidae; host plant; Colombia]

## Posada, Francisco Javier, and Reinaldo Cárdenas

1996. Gusanos en otra palma. *MIP - Notas y Noticias* (Bogotá) 2(6): 15 (27 September) [*Opsiphanes* sp.; host plant; Colombia]

## Posada, Francisco Javier, Reinaldo Cárdenas and Alex Enrique Bustillo

1996. Monarca en la zona cafetera. *MIP - Notas y Noticias* (Bogotá) 2(5): 6-7 (January-March) [*Danaus plexippus* (Linnaeus); host plant; parasite; Colombia]

## Posada, Lázaro [1930-2017]

1987. See Saldarriaga, A. et al., 1987.
1989. Lista de insectos dañinos y otras plagas en Colombia. Cuarta edición. *Boletín técnico. Instituto colombiano agropecuario* 43: xix + 662 pp. (September) [general; host plants]

## Posada, Lázaro, and Fulvia García

1976. Lista de predadores, parásitos y patógenos de insectos registrados en Colombia. *Boletín técnico IICA* (Bogotá) 41: vii + 90 pp. (20 August) [general]

## Posada, Lázaro, and Ingeborg Zenner

1988. Defoliadores voraces. *Notas y Noticias entomológicas* (Bogotá) 1988(3/4): 20 (25 July) [*Agraulis* sp.; host plant; Colombia]

## Posada, Lázaro, Ingeborg Zenner, Isabel S. de Arévalo, Alfredo Saldarriaga, Fulvia García and Reinaldo Cárdenas

1976. Primera lista de insectos dañinos y otras plagas en Colombia. Tercera edición. *Boletín técnico. Instituto colombiano agropecuario* 43: 461 pp. (October) [general; host plants]

## Posada, Lázaro, Ingeborg Zenner and Fabiola Borrero

1991. Raro ataque. *Notas y Noticias entomológicas* (Bogotá) 1991(5/6): 31 (30 August) [*Thecla* sp.; host plant; Colombia]

## Posada, Lázaro, Ingeborg Zenner, Hugo Hernán Calvache, Alonso Álvarez and Fabiola Borrero

1989. Muy eficiente. *Notas y Noticias entomológicas* (Bogotá) 1989(7/8): 56 (22 November) [*Agraulis* sp.; host plant; Colombia]

## Posey, Darrel Addison [1947- ]

1979. Ethnoentomological survey of amerind groups in lowland Latin America. *Florida Entomologist* 61(4): 225-229 ("December 1978", 26 January 1979) [Morphinae]
- 1986a. Topics and issues in Ethnoentomology with some suggestions for the development of hypothesis-generation and testing in Ethnobiology. *Journal of Ethnobiology* 6(1): 99-120, 2 figs. [Morphinae]
- 1986b. *Ethnoentomología de tribos indígenas da Amazônia*, pp. 251-272, 8 figs., 1 tab. In: Ribeiro, D. (Ed.), *Suma Brasileira de Etnologia*. Rio de Janeiro, Vozes/FINEP [Morphinae]
1987. Ethnoentomological survey of Brazilian indians. *Entomologia generalis* 12(2/3): 191-202, 1 tab. (June) [Phoebis]

## Posla, Mario

1993. An unusual form of *Heliconius cydno* from Costa Rica

- (Lepidoptera: Nymphalidae: Heliconiinae). *Tropical Lepidoptera* 4(2): 92, 1 fig. ("30 November", [27 December])
1994. Nueva forma de *Heliconius cydno* (Lepidoptera: Heliconidae [sic]) en el Río Sarapiquí, Costa Rica. *Revista de Biología tropical* 41(3B):889-890, 1 fig.
- Pote, Ben L.**  
2014. See Gallant, J. R. et al., 2014.
- Pototski, Aleksander** [1958- ]  
2017. Võiliblikate kadunud esivanem *Colias ponteni* on kaotanud oma kodumaa ja ka ise kadunud. *Eesti Loodus* 68(10): 30-34, 5 figs. (October) [Argentina]
- Potter, Thomas Irwin** [1864-1943]  
1894. A ramble on the cocoa estate in Santa Cruz. *Journal of the Trinidad Field Naturalists' Club* 2(1): 17-20 (April) [*Morpho peleides* Kollar; Trinidad]
- Potts, Robert William Latelle** [1911- ]  
1943. Systematic notes concerning American Acraeinae (Lepidoptera: Nymphalidae). *Pan-Pacific Entomologist* 19(1): 31-32 (22 March) [general; new taxa: *Altinote* (new genus), *Abananote* (new subgenus), *Altinote* (*Altinote*) *brownorum*; Ecuador]  
1944. Systematic notes concerning American Acraeinae, II. (Lepidoptera: Nymphalidae). *Pan-Pacific Entomologist* 20(1): 31-34 (31 January) [general; new taxa: *Altinote* (*Abananote*) *carmentis*, *A.* (*Altinote*) *alcione mengeli*, *A.* (*A.*) *a. bassleri*, *A.* (*A.*) *a. moneta*, *A.* (*A.*) *a. hermosa*, *A.* (*A.*) *a. leucothoe*, *A.* (*A.*) *ozomene alicunde*, *A.* (*A.*) *stratonice albunea*; Peru, Ecuador, Colombia, Bolivia]
- Potyrailo, Radislav A.**  
2012. See Pris, A. D. et al., 2012.  
2015. See Al-Asadi, A. S. et al., 2015.
- Potyrailo, Radislav A., Helen T. Ghiradella, Alexei Vertiatchikh, Katharine Dovidenko, James R. Cournoyer and Eric Olson**  
2007. *Morpho* butterfly wing scales demonstrate highly selective vapour response. *Nature Photonics* 1(2): 123-128, 6 figs. (published online 1 February) [*M. sulkowskyi* Kollar]
- Potyrailo, Radislav A., and Rajesh R. Naik**  
2013. Bionanomaterials and bioinspired nanostructures for selective vapor sensing. *Annual Review of Materials Research* 43: 307-334, 15 figs., 2 tabs. (July; published online 3 April) [general; physics]
- Potyrailo, Radislav A., Timothy A. Starkey, Peter Vukusic, Helen T. Ghiradella, Milana Vasudev, Timothy Bunning, Rajesh R. Naik, Zhejiong Tang, Michael Larsen, Tao Deng, Sheng Zhong, Manuel Palacios, James C. Grande, Gilad Zorn, Gregory Goddard and Sergey Zalubovsky**  
2013. Discovery of the surface polarity gradient on iridescent *Morpho* butterfly scales reveals a mechanism of their selective vapor response. *Proceedings of the national Academy of Sciences of the United States of America* 110(39): 15567-15572, 5 figs. (24 September) [*M. sulkowskyi* Kollar]
- Pough, F. Harvey** [1942- ]  
1970. See Brower, L. P. et al., 1970.  
1988. Mimicry of vertebrates: are the rules different? *American Naturalist* 131(supplement): 67-102, 2 pls., 4 figs. (June) [general]
- Poujade, Gustave-Arthur** [1845-1909]  
1896. Voyage de M. E. Simon au Vénézuéla (décembre 1887-avril 1888). 26 mémoire. Lépidoptères. *Bulletin de la Société entomologique de France* 64(4): cxi-cxlv (10 June) [general; new genus: *Tmetocerus*; Neotropics]
- Poulain, Dominique, and Florent Poulain**  
2003. Les Papilionidae de Guyane française. In: Lacomme, D. & L. Manil (Eds.), Lépidoptères de Guyane. *Bulletin des lépidoptéristes parisiens* numéro hors-série: 63-67, pl. 8 (January) [Ed. 2, October 2007] [general]
- Poulain, Florent**  
2003. See Poulain, D. & F. Poulain, 2003.
- Poulard, Jean** [1923-2002]  
1983. Colección de lepidópteros de las zonas de Caaguazú, Isla Yacyretá y Cerro León (Paraguay). *Informes científicos. Instituto de Ciencias básicas. Universidad nacional de Asunción* 4(1): 128-129 (May) [general]
- Poulton, Edward Bagnall** [1856-1943]  
1890. *The colours of animales, their meaning and use, especially considered in the case of insects*. London, Kegan Paul, Trench, Trübner & Co. xv + 360 pp., 1 pl., 66 figs., tabs. [general]  
1898a. Protective mimicry as evidence for the validity of the theory of natural selection. *Entomologist's Record and Journal of Variation* 10(4): 98-100 (15 April) [also in *Report. British Association for the Advancement of Science* 67: 692-694; 1898] [general]  
1898b. Natural Selection the cause of mimetic resemblance and common warning colours. *Journal of the Linnean Society (London) (Zoology)* 26(172): 558-612, pls. 40-44, 7 figs. (December) [general; Neotropics]  
1899. Illustrations of mimicry and common warning colours in butterflies. *Nature (London)* 60(1549): 222-225, 1 fig. (6 July) [general; Neotropics]  
1900. *Hypolimnias misippus* captured at sea. *Entomologist's Record and Journal of Variation* 12(12): 315-316 (15 December) [Brazil]  
1902. Mimicry and natural selection. *Verhandlungen des V. internationalen Zoologen-Congresses* (Berlin), pp. 171-179. [general; Neotropics]  
1903a. [A note]. *Proceedings of the entomological Society of London* 1903(4): liv-lvi (24 December) [general; Guyana]  
1903b. A brief discussion of A. H. Thayer's suggestions as to the meaning of colour and pattern in insect bionomics. *Transactions of the entomological Society of London* 1903(4): 570-575 (24 December) [general]  
1904a. The collections of William John Burchell, D.C.L., in the Hope Department, Oxford University Museum. 1. Introduction. *Annals and Magazine of natural History* (7)13(73): 45-56, pl. 3 (1 January) [general]  
1904b. What is a species? *Proceedings of the entomological Society of London* 1903(5): lxxvii-cxvi (16 March) [general; evolution; mimicry]  
1906. A note]. *Proceedings of the entomological Society of London* 1906(2): lx-lxii (22 September) [general; Guyana]  
1907. The significance of some secondary characters in butterflies. *Proceedings of the entomological Society of London* 1907(2): xl-xliv (26 September) [general]  
1908a. [Untitled Note]. *Proceedings of the entomological Society of London* 1907(4): lxxvii (14 February) [*Adelpha*; Guatemala, Mexico]  
1908b. Reciprocal convergence in *Limenitis*. *Proceedings of the entomological Society of London* 1907(4): lxxix-lxxx (14 February) [*Adelpha bredowi* (Geyer); Guatemala, Mexico]  
1908c. Secondary mimetic resemblance of Ithomiinae to the danaine genus *Ituna*. *Proceedings of the entomological Society of London* 1908(1): vii-xi (5 June) [general]  
1908d. Mimetic North American species of the genus *Limenitis* (s.l.) and their models. *Transactions of the entomological Society of London* 1908(3): 447-488, pl. 25 (December) [Mexico, Guatemala]  
1908e. *Essays on Evolution, 1889-1907*. Oxford, Clarendon Press. xlviii + 479 pp. [general; mimicry]

1909. Mimicry in the butterflies of North America. *Annals of the entomological Society of America* 2(4): 203-242 ([30] December) [Mexico, Guatemala]
- 1914a. Mimicry in North American butterflies: A reply. *Proceedings of the Academy of natural Sciences of Philadelphia* 66(1): 161-192 ([11 April]), 193-195, pl. 5 ([21 April]) [general]
- 1914b. The misleading resemblance between mimetic butterflies and their models. *Proceedings of the entomological Society of London* 1914(1): xxiv-xxv (25 June) [*Papilio* spp.]
1915. The first statement (1878) of Mullerian mimicry. *Proceedings of the entomological Society of London* 1915(1): xxii-xxiii (26 June) [general]
1916. The hereditary transmission of small variations and the origin of butterfly mimicry. *Proceedings of the Linnean Society of London* 128: 21, 52, pl. 1, 2 tabs. (October) [general; Brazil]
1917. Haase's hypothesis that distasteful qualities of Lepidoptera are derived from the food plant. *Proceedings of the entomological Society of London* 1916(3/4): lxiv-lxvi (7 June) [general]
1918. Predaceous reduviid bugs and fossors, with their prey, from the S. Paulo district of South-East Brazil. *Proceedings of the entomological Society of London* 1918(2/4): xxxiv-xli (16 May) [Hesperiidae]
1920. Observations on Neotropical insects. *Proceedings of the entomological Society of London* 1919(3/4): xxiii-xxviii (15 January) [*Calpodus ethlius* (Cramer); Panama]
- 1922a. Notes on the migration of Lepidoptera, with a suggestion as to the cause of the backward and forward flight occasionally observed. *Proceedings of the entomological Society of London* 1921(5): xii-xxvii, 1 tab., 1 map (13 April) [general]
- 1922b. The mimetic relationships between *Heliconius notabilis microclea* Kaye and *H. xenoclea xenoclea* Hew. *Proceedings of the entomological Society of London* 1921(5): xxxvi-xxxviii (13 April) [Peru]
- 1922c. Apparently discriminative attacks by beetle larvae upon papered butterflies of protected groups. *Proceedings of the entomological Society of London* 1921(5): xxxviii-xxxix (13 April) [general; Peru]
1923. Recent advances and discoveries in insect mimicry. *Transactions of the South-East Union of scientific Societies* 1923: 71-77. [Heliconiidae, Nymphalidae; Brazil]
- 1931a. An ithomiine butterfly and its heliconine mimic taken flying together in N. W. Peru. *Proceedings of the entomological Society of London* (A) 5(3): 91 (2 March) [*Tithorea pavonii* Butler, *Heliconius charithonia peruvianus* Felder]
- 1931b. The gregarious sleeping habit of *Heliconius charithonia* L. *Proceedings of the entomological Society of London* (A) 6(1): 4-10 (10 July) [general; Neotropics]
- 1931c. The "false head" of many Colombian lycaenid butterflies observed by G. Salt, D. Sc.; also mimicry of aculeate models by Colombian moths. *Proceedings of the entomological Society of London* (A) 6(1): 19-22 (10 July) [general]
- 1931d. Ithomiine butterfly model and callimorphine moth mimic with similar flights. Butterflies bearing evidence of attack. *Proceedings of the entomological Society of London* (A) 6(2): 57 (31 December) [Panama, Guyana]
- 1932a. Doubts about the frequency of bird-attacks upon butterflies and about the qualities believed to be advertised by warning colours. *Proceedings of the entomological Society of London* (A) 6(3): 90 (22 March) [*Lycorea atergatis* Doubleday; Costa Rica]
- 1932b. Attacks by birds on migrant butterflies observed at Panama by Miss Cynthia Longfield. *Proceedings of the entomological Society of London* (A) 6(3): 90-91 (22 March) [*Catopsilia* spp.]
- 1932c. A hundred years of evolution. *Report. British Association for the Advancement of Science* 100: 71-95, pls. 1-2. [general; mimicry; Neotropics]
- 1933a. The gregarious resting habits of Danaine butterflies in Australia; also of Heliconine and Ithomiine butterflies in tropical America. *Proceedings of the entomological Society of London* (A) 7(3): 64-67 (21 April) [general]
- 1933b. Discussion. Protective adaptation of animals - especially insects. *Proceedings of the entomological Society of London* (A) 7(3): 79-86 (21 April) [*Heliconius* spp.; behavior; Brazil]
- 1933c. Dr. William Beebe's notes on butterflies and moths attacked by birds in the Galapagos Islands. *Proceedings of the royal entomological Society of London* (A) 8(1): 14-16 (30 June) [*Callidryas eubule* (Linnaeus), *Agraulis vanillae* (Linnaeus)]
1939. Wings of butterflies, day- and night-flying moths and other insects collected by the late F. W. Urich in the haunts of a Trinidad bat, *Micromyceteris megalotis* (Gray). *Proceedings of the royal entomological Society of London* (A) 14(2/3): 38-40 (March) [general]
- Poulton, Edward Bagnall and Norman Denbigh Riley**
1928. The Rhopalocera of the "St. George" Expedition, from French Oceania. *Transactions of the entomological Society of London* 76(2): 453-468, pl. 21, 2 figs. (31 December) [*Thecla ocrisia* Hewitson; Neotropics]
- Pouya, Caroline, and Peter Vukusic**
2012. Electromagnetic characterization of millimetre-scale replicas of the gyroid photonic crystal found in the butterfly *Parides sesostris*. *Interface Focus* 2(5): 645-650, 4 figs. (6 October; published online 1 February)
- Powell, Arthur Herbert**
1986. See Lovejoy, T. E. et al., 1986.
- Powell, George Van Nostrand**
1986. See Lovejoy, T. E. et al., 1986.
- Powell, Jerry Alan** [1933- ]
1958. Additions to the knowledge of the butterfly fauna of Baja California Norte. *Lepidopterists' News* 12(1/2): 26-32, 1 map (27 August) [general; Mexico]
1960. See Patterson, W. D., Jr. & J. A. Powell, 1960.
1962. See Opler, P. A. & J. Alan Powell, 1962.
1963. Butterflies of the American Tropics. The genus *Anaea*. By William Phillips Comstock. *Pan-Pacific Entomologist* 39(3): 181-183 ([17 September]) [book review; general]
1977. Butterflies at mud puddles segregate into taxonomic groups. *Pan-Pacific Entomologist* 53(1): 78 (23 June) [Mexico]
1984. See Opler, P. A. & J. A. Powell, 1984.
1987. See Opler, P. A. & J. A. Powell, 1987.
1989. Presidential address, 1988: Lepidopterists - collectors and biologists? *Journal of the Lepidopterists' Society* 43(3): 157-166 (7 September) [*Apodemia phycioides* Barnes & Benjamin; Mexico]
2003. *Lepidoptera (moths, butterflies)*, pp. 631-664, 116 figs. In: Resh, V. H. & R. T. Cardé (Eds.), *Encyclopedia of Insects*. San Diego, Academic Press. xxx + 1266 pp., figs. [general]
2011. Charles F. Harbison (1904-1989). Pied piper of Southern California junior naturalists. *Journal of the Lepidopterists' Society* 65(4): 273-276, 1 fig. (2 December) [Mexico]
2015. See Proshok, B. et al., 2015.
- Powell, Jerry Alan, Charles Mitter and Brian D. Farrell**
1998. Evolution of larval food preferences in Lepidoptera, pp.



- 403-422, 4 figs. *In*: Kristensen, N. P. (Ed.), *Lepidoptera, Moths and Butterflies. Volume 1: Evolution, Systematics and Biogeography. Handbuch der Zoologie* 4(35): i-x, 1-487 ("1999", 1998) [general]
- Pozo, Edilberto**  
2009. See Mestre, N. et al., 2009.
- Pozo, María del Carmen**  
1999. *Monitoring of butterflies in the Calakmul region, Mexico*, pp. 27-34, 5 figs. *In*: Carr, A., III & A. C. de Stoll (Eds.), *Biological monitoring in the Selva Maya*. Gainesville, US Man and the Biosphere Program/Tropical Ecosystem Directorate, and Wildlife Conservation Society. [general]  
2005. See Maya, A. et al., 2005.  
2007. See Vester, H. F. M. et al., 2007.  
2008. See Vargas, I. et al., 2008.  
2009a. See Maya, A. et al., 2009.  
2009b. See Salinas, J. L. et al., [2009]a.  
2009c. See Salinas, J. L. et al., 2009b.  
2010. See Luis, M. A. et al., 2010.  
2011a. See Maya, A. et al., 2011.  
2011b. See González, N. A. et al., 2011.  
2011c. See Prado, B. R. et al., 2011  
2012. See Salinas, J. L. et al., 2012.  
2015. See Martínez-Noble, J. I. et al., 2015.  
2016a. See Cavanzón, L. E. et al., 2016.  
2016b. See Jasso, J. M. et al., 2016.  
2016c. See González, N. A. et al., 2016.  
2017. See Gómez, B. et al., 2017.  
2018. See Cavanzón, L. E. et al., 2018.  
2019a. See Nieves, S. et al., 2019a.  
2019b. See Nieves, S. et al., 2019b.
- Pozo, María del Carmen, Enrique Escobedo, José Luis Rangel and Pedro Viveros**  
1991. *Fauna*, pp. 49-78, tabs. 4-7. *In*: Camarena-Luhrs, T. & S. I. Salazar-Vallejo (Eds.), *Estudios ecológicos preliminares de la zona sur de Quintana Roo*. Chetumal, Centro de Investigaciones de Quintana Roo (September) [general; Mexico]
- Pozo, María del Carmen, Jorge Enrique Llorente, Moisés Armando Luis, Isabel Vargas and Noemí Salas**  
2005. *Reflexiones acerca de los métodos de muestreo para mariposas en las comparaciones biogeográficas*, pp. 203-215, 9 figs., 3 tabs. *In*: Llorente, J. E. & J. J. Morrone (Eds.), *Regionalización biogeográfica en Iberoamérica y tópicos afines. Primeras Jornadas Biogeográficas de la Red Iberoamericana de Biogeografía y Entomología Sistemática (RIBES XII.I-CYTED)*. México, D.F., Universidad Nacional Autónoma de México (April) [general; Mexico]
- Pozo, María del Carmen, Moisés Armando Luis, Jorge Enrique Llorente, Noemí Salas, Aixchel Maya, Isabel Vargas and Andrew David Warren**  
2008. Seasonality and phenology of the butterflies (Lepidoptera: Papilionoidea and Hesperioidea) of Mexico's Calakmul region. *Florida Entomologist* 91(3): 407-422, 8 figs., 7 tabs. (September) [general]
- Pozo, María del Carmen, Moisés Armando Luis, Noemí Salas, Marysol Trujano and Jorge Enrique Llorente**  
2014. *Mariposas diurnas: bioindicadoras de eventos actuales e históricos*, pp. 327-348, 6 figs., 1 tab. *In*: González, C. A., A. Vallarino, J. C. Pérez & A. M. Low (Eds.), *Bioindicadores: Guardianes de nuestro futuro ambiental*. San Cristóbal de las Casas, El Colegio de la Frontera Sur. (December) [general; Mexico]
- Pozo, María del Carmen, Moisés Armando Luis, Santiago Uc, Noemí Salas and Aixchel Maya**  
2003. Butterflies (Papilionoidea and Hesperioidea) of Calakmul, Campeche, Mexico. *Southwestern Naturalist* 48(4): 505-525, 4 figs., 1 tab. (December) [general; diversity]
- Pozo, María del Carmen, Blanca Rosa Prado and América Nitxin Castañeda-Sortibrán**  
2015. *Updating genomic data of Lepidoptera*, pp. 41-73, 8 figs., 6 tabs. *In*: Raman, C., M. R. Goldsmith & T. A. Agunbiade (Eds.), *Short Views on Insects Genomics and Proteomics. Insect Genomics*, Vol. 1. Cham, Springer International Publishing. [general]
- Pozo, María del Carmen, Noemí Salas and Aixchel Maya**  
2011. *Mariposas*, pp. 186-191, figs. *In*: Pozo, M. del C. (Ed.), *Riqueza biológica de Quintana Roo. Un análisis para su conservación*. San Cristóbal de las Casas, El Colegio de la Frontera Sur. Vol. 2. [general; Mexico]
- Pozo, María del Carmen, Noemí Salas, Blanca Rosa Prado and Emigdio May-Uc**  
2009. *Riqueza de mariposas diurnas (Lepidoptera: Rhopalocera) en el Santuario del Manatí y una propuesta para su uso en el monitoreo de ambientes terrestres del área*, pp. 139-147, 5 figs., 3 tabs. *In*: Espinoza, J., G. A. Islebe & H. A. Hernández (Eds.), *El sistema ecológico de la bahía de Chetumal / Corozal: costa occidental del Mar Caribe*. Chetumal, El Colegio de la Frontera Sur. (November) [general; Mexico]
- Pozo, María del Carmen, Noemí Salas and Santiago Uc**  
2002. *Mariposas diurnas del Santuario del Manatí y su área de influencia, Quintana Roo, México*, pp. 121-130, 1 fig., 3 tabs. *In*: Rosado-May, F. J., R. Romero & A. de Jesús (Eds.), *Contribuciones de la ciencia al manejo costero integrado de la Bahía de Chetumal y su área de influencia*. Chetumal, Universidad de Quintana Roo. [general; diversity; distribution]
- Pozos, Luis Fernando, Daniel Gómez, Iván Mora, Eduardo Jair Ramírez and Celia Oliver**  
2014. Diversidad de mariposas diurnas (Lepidoptera: Papilionoidea) en "La Mancha", Veracruz. *Entomología mexicana* 1: 1213-1217 fig., 2 tabs. (July) [general; Mexico]
- Pradhan, Ashman**  
2014. See Burg, N. A. et al., 2014.
- Prado, Alberto, Adriel Sierra, Donald Montgomery Windsor and Jacqueline C. Bede**  
2014. Leaf traits and herbivory levels in a tropical gymnosperm, *Zamia stevensonii* (Zamiaceae). *American Journal of Botany* 101(3): 437-447, 4 figs., 5 tabs. (1 March) [*Eumaeus godartii* (Boisduval); host plant; Panama]
- Prado, Blanca Rosa**  
2009. See Pozo, M. del C. et al., 2009.  
2015. See Pozo, M. del C. et al., 2015.  
2016. See Jasso, J. M. et al., 2016.
- Prado, Blanca Rosa, María del Carmen Pozo, Martha Valdez and Paul David Neil Hebert**  
2011. Beyond the colours: Discovering hidden diversity in the Nymphalidae of the Yucatan Peninsula in Mexico through DNA barcoding. *PLoS ONE* 6(11)(e27776): 1-11, 7 figs., 3 tabs. (23 November) [general; host plants]
- Prado, Ernesto**  
1991. Artrópodos y sus enemigos naturales asociados a plantas cultivadas en Chile. *Boletín técnico. Instituto de Investigaciones agropecuarias* (Santiago de Chile) 169: 1-207, 1 fig. [general; host plants; parasitoids]
- Prado, Paulo Inácio**  
2005a. See Lewinsohn, T. M. et al., 2005.  
2005b. See Lewinsohn, T. M. et al., 2005.  
2006. See Almeida, A. M. de et al., 2006.

2008. See Ribeiro, D. B. et al., 2008.  
 2010. See Ribeiro, D. B. et al., 2010.  
 2012. See Ribeiro, D. B. et al., 2012.
- Prado, Livia Pires do**  
 2016. See Ferreira, V. de S. et al., 2016.
- Praetorius, Walter**  
 1961. Eine Reise zu den klassischen Fangplätzen seltener Lepidopteren. *Entomologische Zeitschrift* 71(14): 157-163 (15 July), (15): 168-171 (1 August), (18): 209-212 (15 September), (21): 250-252, 1 fig. (1 November), (22): 257-258 (15 November) [general; Brazil]
- Prakash, Anupama**  
 2018. Two sides to a wing: A gene that makes butterfly upper and bottom wing patterns different. *Frontiers for young Minds* 6(68): 1-8, 3 figs. (6 December) [*Morpho aurora* Westwood]
- Prakash, Anupama, and Antônia Monteiro**  
 2018. *apterous* A specifies dorsal wing patterns and sexual traits in butterflies. *Proceedings of the royal Society of London (B)* 285(1873)(20172685): 1-7, 4 figs. (28 February); published online 21 February) [*Morpho menelaus* (Linnaeus), *Panacea regina* (Bates); morphology]
- Prance, Ghilleen Tolmie [1937- ]**  
 1985a. *The changing forests*, pp. 146-165, 11 figs. In: Prance, G. T. & T. E. Lovejoy (Eds.), *Key Environments. Amazonia*. Oxford, Pergamon Press. [general; biogeography; evolution; conservation]  
 1985b. *The pollination of Amazonian plants*, pp. 166-191. In: Prance, G. T. & T. E. Lovejoy (Eds.), *Key Environments. Amazonia*. Oxford, Pergamon Press. [general]  
 1999. Alfred Russel Wallace. *The Linnean* 15(1): 18-36, 14 figs. (January) [general; history; Brazil]
- Pratissoli, Dirceu**  
 2000. See Oliveira, H. N. de et al., 2000.  
 2003. See Oliveira, H. N. de et al., 2003.  
 2015. See Silva, D. M. N. et al., 2015.
- Pratissoli, Dirceu, Ricardo Antonio Polanczyk, Leandro Pin Dalvi, Julieder Goronci Cochetto and Débora Ferreira de Melo**  
 2007a. Ocorrência de *Ascia monuste orseis* (Lepidoptera: Pieridae) danificando mudas de *Crataeva tapia*. *Ciência rural* (Santa Maria) 37(3): 874-875 (May-June) [host plant; Brazil]
- Pratissoli, Dirceu, Ricardo Antonio Polanczyk, Leandro Pin Dalvi, Alexandre Faria da Silva, Débora Ferreira de Melo and Flávio Neves Celestino**  
 2007b. Primeiro relato de *Trichogramma bruni* Nagaraja (Hymenoptera: Trichogrammatidae) parasitando ovos de *Urbanus proteus* (L.) (Lepidoptera: Hesperidae) em feijão-vagem. *Neotropical Entomology* 36(3): 487-488 (May-June) [Brazil]
- Pratt, Gordon F.**  
 1992a. See Ballmaer, G. R. & G. F. Pratt, 1992a.  
 1992b. See Ballmaer, G. R. & G. F. Pratt, 1992a.  
 1994. Evolution of *Euphilotes* (Lepidoptera: Lycaenidae) by seasonal and host shifts. *Biological Journal of the Linnean Society* 51(4): 387-416, 11 figs. 2 tabs. ([21] April) [biogeography; Mexico]  
 1997. See Mattoni, R. H. T. et al., 1997.  
 2008. Buckwheat blues: Part 1. Introduction and Rita, Spalding's and Small blues. *American Butterflies* 16(2): 4-32, figs., maps [*Philotiella*, *Euphilotes*; taxonomy; Mexico]
- Pratt, Gordon F., and Gregory R. Ballmer**  
 1991. Three biotypes of *Apodemia mormo* (Riodinidae) in the Mojave Desert. *Journal of the Lepidopterists' Society* 45(1): 46-57, 5 figs., 2 tabs. (14 August) [Mexico]
- Pratt, Gordon F., and John F. Emmel**  
 1998. Revision of the *Euphilotes enoptes* and *E. battoides* complexes (Lepidoptera: Lycaenidae), pp. 207-270, 66 figs., 32 tabs. In: Emmel, T. C. (Ed.), *Systematics of Western North American Butterflies*. Gainesville, Mariposa Press ([18] December) [general; new subspecies: *E. enoptes cryptorufes*; Mexico]  
 2008. Buckwheat blues: Part 2. Dotted blue and Square-spotted blue complexes. *American Butterflies* 16(3): 4-29, figs., maps [*Euphilotes*; taxonomy; Mexico]
- Pratt, Gordon F., David M. Wright and Harry Pavulaan**  
 1994. The various taxa and hosts of the North American *Celastrina* (Lepidoptera: Lycaenidae). *Proceedings of the entomological Society of Washington* 96(3): 566-578, 5 figs., 1 tab. (18 August) [Mexico]
- Prehn, A.**  
 1896. Über die Färbung der Lepidopteren. *Illustrierte Wochenschrift für Entomologie* 1(16): 252-259, 1 fig. [general]  
 1897a. Ueber den Geschlechtsdimorphismus bei Schmetterlingen. *Insekten-Börse* 15(5): 27 (4 February), (6): 33-34 (11 February) [general]  
 1897b. Die Verbreitung der Lepidopteren. *Illustrierte Wochenschrift für Entomologie* 2(20): 305-309, 3 maps, (21): 332-334. [general]
- Prenafeta, Sergio**  
 1980. Secretos en la oreja de zorro. *Creces* (Santiago de Chile) 2(7): 6-9, 3 figs. [*Papilio (Battus) psittacus* Molina; host plant; Chile]
- Presas, Manuel J. [1845-1874]**  
 1865. *La historia natural en Cuba*, pp. 3-56. In: Poey, F. (Ed.), *Repertorio físico-natural de la Isla de Cuba*. La Habana, Imprenta del Gobierno y Capitanía General por S. M. 1(2) (May) [on butterfly collections and collectors in Cuba]  
 1866. Mariposas. *Anuario de la Sección de Ciencias físicas y naturales del Liceo de Matanzas* 1(1): 229-246. [general; Cuba]
- Presgraves, Daven C.**  
 2002. Patterns of postzygotic isolation in Lepidoptera. *Evolution* 56(6): 1168-1183, 2 figs., 3 tabs. (12 July) [general]
- Preston, Floyd W. [1923- ]**  
 1993. Presidential address, 1992: Megatrends and the Lepidopterists' Society. *Journal of the Lepidopterists' Society* 47(1): 1-7, 1 fig. (24 February) [general]
- Preston, June Daus [1923-2017]**  
 1988. The butterflies of Costa Rica and their natural history (Papilionidae, Pieridae, Nymphalidae) by Philip J. DeVries. *News of the Lepidopterists' Society* 1988(4): 66 (July-August) [book review]
- Preston, William Burton [1937-2013]**  
 1981. See McKillop, W. B. & W. B. Preston, 1981.
- Preston-Mafham, Kenneth George [1949- ]**  
 1985a. The masters of mimicry. *Discover* 6(6): 56-63, figs. (June) [*Prepona antimache* (Hübner); larva; Trinidad]  
 1985b. See O'Toole, C. & K. G. Preston-Mafham, 1985.  
 1988. See Preston-Mafham, R. A. & K. G. Preston-Mafham, 1988.  
 1993. See Preston-Mafham, R. A. & K. G. Preston-Mafham, 1993.  
 1999. *Butterflies. The illustrated identifier to over 100 species*. London, The Apple Press. 80 pp., figs. [general]
- Preston-Mafham, Kenneth George, and Rodney Arthur Preston-Mafham**  
 2000. *The natural world of bugs & insects*. London, PRC Publishing Limited. 512 pp., figs. [general; Neotropics]
- Preston-Mafham, Rodney Arthur [1942- ]**  
 2000. See Preston-Mafham, K. G. & R. A. Preston-Mafham,

- 2000.
- Preston-Mafham, Rodney Arthur, and Kenneth George Preston-Mafham**
1988. *Butterflies of the World*. London, Blandford Press. 192 pp., figs. [general]
1993. *The Encyclopedia of Land Invertebrate Behaviour*. London, Blandford. 320 pp., figs. [general; Neotropics]
- Preudhomme de Borre, Charles François Paul Alfred** [1833-1905]
1873. [A note]. *Annales de la Société entomologique de Belgique* 16: cxxxviii-cxliii (after 6 December) [general]
1884. [A note]. *Annales de la Société entomologique de Belgique* 28: cxxv-cxxvi (after 1 March) [general; Papilionidae]
- Prezoto, Fábio**
2016. See Barbosa, B. C. et al., 2016.
- Prezoto, Fábio, Helba Helena Santos-Prezoto, Vera Lúcia Letizio Machado and José Cola Zanuncio**
2006. Prey captured and used in *Polistes versicolor* (Olivier) (Hymenoptera: Vespidae) nourishment. *Neotropical Entomology* 35(5): 707-709, 1 tab. (September-October) [*Chlosyne lacinia saundersi* (Doubleday), Pieridae; Brazil]
- Price, Ben W., Martin H. Villet, Shaun M. Walton and Nigel P. Barker**
2011. Using molecules and morphology to infer the phylogenetic relationships and evolutionary history of the Dirini (Nymphalidae: Satyrinae), a tribe of butterflies endemic to Southern Africa. *Systematic Entomology* 36(2): 300-316, 4 figs., 4 tabs. (17 March; published online 22 December 2010) [*Manataria hercyna* (Hübner); Costa Rica]
- Price, Peter W.**
1983. *Hypothesis on organization and evolution in herbivorous insect communities*, pp. 559-596, 2 figs., 3 tabs. In: Denno, R. F. & M. S. McClure (Eds.), *Variable plants and herbivores in natural and managed systems*. New York, Academic Press. [*Heliconius melpomene* (Linnaeus)]
- Price, Steven**
1999. *Environmental education. Introduction*, pp. 345-346. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Price, Trevor D.**
2001. See Irwin, D. E. et al., 2001.
- Priestap, Horacio Alfredo** [1940-2013]
1985. See Urzúa, A. & H. A. Priestap, 1985.
- Priestap, Horacio Alfredo, Alvaro E. Velandia, Jodie V. Johnson and Manuel Alejandro Barbieri**
2012. Secondary metabolite uptake by the *Aristolochia*-feeding papilionid butterfly *Battus polydamas*. *Biochemical Systematics and Ecology* 40: 126-137, 2 figs., 3 tabs. (February; published online 13 November 2011) [*B. archidamas* (Boisduval)]
- Prieto, Aída Viviana, and Luis Miguel Constantino**
1996. Abundancia, distribución y diversidad de mariposas (Lep. Rophalocera [sic]) en el Río Tatabro, Buenaventura (Valle - Colombia). *Boletín del Museo de Entomología de la Universidad del Valle* 4(2): 11-18, 4 tabs. (December) [general]
- Prieto, Aída Viviana, Luis Miguel Constantino and Patricia Chacón**
1997. Mariposas (Lep. Rhopalocera) del Bajo Anchicayá - Río Tatabro (Valle). Contribución al conocimiento [sic] de su historia natural. *Resúmenes. XXIV Congreso. Sociedad colombiana de Entomología*, pp. 74-75 [general; Colombia]
1999. Estudios sobre cría de seis especies de mariposas (Lepidoptera: Rhopalocera) del bajo Anchicayá (Valle) y contribución al conocimiento de su historia natural. *Revista colombiana de Entomología* 25(1/2): 23-32, 18 figs., 5 tabs. (July) [*Heliconius cydno zelinde* (Doubleday), *Battus chalceus ingenuus* (Dyar), *Heraclides anchisiades* (Esper), *Parides childrenae latifasciata* (Krüger), *P. eurimedes emilius* Constantino, *P. panares erythrus* (Rothschild & Jordan); host plants; Colombia]
- Prieto, Carlos Humberto**
2003. Satirinos (Lepidoptera: Nymphalidae, Satyrinae) del Parque Nacional Natural Munchique. Diversidad de especies y distribución altitudinal. *Revista colombiana de Entomología* 29(2): 203-210, 9 figs., 4 tabs. (July-December) [general; Colombia]
2010. Description of a new high Andean butterfly species (Lepidoptera: Lycaenidae: Theclinae) from the "Sierra Nevada del Cocuy", Colombia. *Zootaxa* 2506: 59-64, 4 figs. (15 June) [*Penaincisalia elisabeth*]
2011. The genus *Micandra* Staudinger (Lepidoptera: Lycaenidae: Theclinae) in Colombia, with the description of a new species from the Sierra Nevada de Santa Marta. *Zootaxa* 3040: 55-68, 7 figs. (23 September) [*M. stephanieae*]
2013. See Pyrcz, T. W. et al., 2013c.
2016. El legado de Arnold Schultze en una maleta llena de mariposas. *Innovación y Ciencia* (Bogotá) 23(3): 10-17, figs. [general; Colombia]
- 2018a. See Pyrcz, T. W. et al., 2018d.
- 2018b. See Ochoa, J. A. et al., 2018.
- 2019a. See Pyrcz, T. W. et al., 2019a.
- 2019b. See Mahecha, O. J. et al., 2019.
- Prieto, Carlos Humberto, and Zsolt Bálint**
2007. Two new lycaenid butterfly species from the high Andes of Ecuador and Peru (Lepidoptera, Lycaenidae: Eumaeini). *Folia entomologica hungarica* 68: 157-171, 30 figs. (30 November) [*Penaincisalia amatamba*, *Abloxurina dominiquae*]
- Prieto, Carlos Humberto, Zsolt Bálint, Pierre Boyer and Estefanía Micó**
2008. A review of the "browni group" of *Penaincisalia* with notes on their distribution and variability (Lepidoptera: Lycaenidae: Eumaeini). *Zootaxa* 1941: 1-24, 55 figs., 1 tab. (24 November) [general; Venezuela, Colombia, Ecuador, Peru]
- Prieto, Carlos Humberto, and Hans Walter Dahners**
2006. Eumaeini (Lepidoptera: Lycaenidae) del cerro San Antonio: Dinámica de la riqueza y comportamiento de "hilltopping". *Revista colombiana de Entomología* 32(2): 179-190, 9 figs., 3 tabs. (December) [general; Colombia]
2009. Resource utilization and environmental and spatio-temporal overlap of a hilltopping lycaenid butterfly community in the Colombian Andes. *Journal of Insect Science* 9(16): 1-12, 6 figs., 2 tabs. (8 May) [general]
- Prieto, Carlos Humberto, Nick V. Grishin, Axel Hausmann and Jadwiga Lorenc-Brudecka**
2016. The *Penaincisalia amatista* species-group (Lepidoptera: Lycaenidae, Eumaeini) in Colombia, insights from mtDNA barcodes and the description of a new species. *Systematics and Biodiversity* 14(2): 171-183, 23 figs., 1 tab. (3 March; published online 30 January) [*P. celosia*]
- Prieto, Carlos Humberto, and Jadwiga Lorenc-Brudecka**
2014. Type species fixation of the genus *Abloxurina* Johnson, 1992 (Lepidoptera: Lycaenidae: Theclinae). *Zootaxa* 3869(1): 97-100, 2 figs. (29 September) [*Thecla amatista* Dognin, *Penaincisalia ismaeli* Busby & Hall, *Abloxurina*

- balzapamba* Johnson]
2017. Description of *Rhamma dawkinsi* (Lepidoptera: Lycaenidae) a new mountain butterfly from Colombia. *Zootaxa* 4338(3): 587-594, 15 figs. (26 October)
- Prieto, Carlos Humberto, Estefanía Micó and Eduardo Galante**
2011. Molecules, wing pattern and distribution: an approach to species delimitation in the "*Ioxurina* group" (Lepidoptera: Lycaenidae: *Penaincisalia*). *Neotropical Entomology* 40(5): 553-559, 3 figs., 3 tabs. (October) [general; taxonomy; South America]
- Prieto, Carlos Humberto, Rayner Núñez and Axel Hausmann**
2019. Molecular species delimitation in the genus *Rhamma* Johnson, 1992 (Lepidoptera: Lycaenidae, Theclinae). *Mitochondrial DNA (A)* 30(1): 101-117, 7 figs., 1 tab. (2 January; published online 19 April 2018) [general; Colombia]
- Prieto, Carlos Humberto, and Robert Kanner Robbins**
2015. Phylogenetic position of *Electrostrymon picoloro*, a new high elevation hairstreak from western Colombia (Lepidoptera: Lycaenidae: Eumaeini). *Zootaxa* 4012(2): 369-374, 3 figs. (3 September)
- Prieto, Carlos Humberto, and Gabriel Rodríguez**
2007. A new species of *Penaincisalia* (Lepidoptera: Lycaenidae: Eumaeini) from the high Andes of Colombia. *Zootaxa* 1660: 61-68, 4 figs. (14 December) [*P. cuiva*]
- 2012a. A new iridescent "elfin" butterfly species of *Podanotum* (Lepidoptera: Lycaenidae: Eumaeini) from the Colombian Andes. *Zootaxa* 3303: 59-64, 3 figs. (8 May) [*P. pulsar*]
- 2012b. Erratum. *Zootaxa* 3318: 68 (21 May) [*Podanotum*]
- Prieto, Carlos Humberto, Carolina Takegami and Juliana M. Rivera**
2005. Estructura poblacional de *Morpho sulkowskyi* Kollar, 1850 (Lepidoptera: Nymphalidae) en un sector de la cordillera occidental, departamento del Cauca (Colombia). *Entomotropica* 20(1): 15-22, 6 figs., 3 tabs. (April)
- Prieto, Carlos Humberto, and María Angélica Vargas**
- 2016a. Elfin butterflies of the genus *Rhamma* Johnson (Lepidoptera: Lycaenidae: Theclinae): A review of the Colombian species. *Zootaxa* 4093(3): 323-342, 73 figs. (23 March) [general]
- 2016b. Erratum. *Zootaxa* 4103(6): 600, figs. 36-41 (18 April) [*Rhamma*]
- Prigioni, Carlos**
1986. See Simó, M. et al., 1986.
- Prijono, Siti Nuramaliati**
1999. See Morinaka, S. et al., 1999.
- Primack, Richard B.** [1950- ]
1982. See Arroyo, M. T. K. et al., 1982.
- Primack, Richard B., and Henry Franklin Howe**
1975. Interference competition between a hummingbird (*Amazilia tzacatl*) and skipper butterflies (Hesperiidae). *Biotropica* 7(1): 55-58, 1 fig. (April) [*Anartia fatima* (Fabricius); Costa Rica]
- Prince, Stephania**
2011. See Vargas, M. A. et al., 2011.
2012. See Vargas, M. A. et al., 2012.
- Prince, Stephania, María Angélica Vargas, Julián Adolfo Salazar and Neis José Martínez**
2011. Mariposas Papilionoidea y Hesperioidea (Insecta: Lepidoptera) en dos fragmentos de bosque seco tropical en Corrales de San Luis, Atlántico, Colombia. *Boletín de la Sociedad entomológica aragonesa* 48: 243-252, 4 figs., 2 tabs. (30 June) [general]
- Pringle, Elizabeth G., Simon Wade Baxter, Claire L. Webster, Alexie Papanicolaou, Siu Fai Lee and Christopher David Jiggins**
2007. Synteny and chromosome evolution in the Lepidoptera: Evidence from mapping in *Heliconius melpomene*. *Genetics* 177(1): 417-426, 2 figs., 2 tabs. (September; published online 1 July)
- Pringle, [Mike]**
2001. See Unwins, M. & [M.] Pringle, 2001.
- Pris, Andrew D., Yogen Utturkar, Cheryl Surman, William G. Morris, Alexey Vert, Sergiy Zalyubovskiy, Tao Deng, Helen T. Ghradella and Radislav A. Potyrailo**
2012. Towards high-speed imaging of infrared photons with bio-inspired nanoarchitectures. *Nature Photonics* 6(3): 195-200, 5 figs. (March; published online 12 February) [*Morpho sulkowskyi* Kollar]
- Prittitz [und Gaffron], Otto Friedrich Wilhelm Ludwig von [1824-1872]**
1863. Synonymische und geographische Glossen zum Morris'schen Cataloge des beschriebenen Falter Nordamerika's. *Stettiner entomologische Zeitung* 24(7/9): 271-297 (July-September), (10/12): 353-366 (October-December) [general; Neotropics]
1865. Beitrag zur Fauna des Corcovado. *Stettiner entomologische Zeitung* 26(4/5): 123-143 (April-June), (10/12): 307-325 (October-December) [general; new species: *Leucidia exigua*, *L. pygmaea*, *Terias perimede*, *Ithomyia* [sic] *hymenaea*, *Paphia stheno*, *Neonympha poltys*, *Calydna castanea*, *Theope phaeo*, *Panara episatnius*, *Emesis diogenia*, *Charis epijessa*, *Mesosemia martha*, *Thecla acaste*, *T. hirsuta*, *T. imma*, *T. megamede*, *Lycaena vanessoides*, *L. astiocha*; Brazil]
- 1867-71. Lepidopterologisches. *Stettiner entomologische Zeitung* 28(7/9): 257-277 (early June 1867); 29(4/6): 185-200, 1 pl. (late April 1868), (7/9): 244-248, 1 pl. (July-September 1868); 32(7/9): 237-253 (early June 1871) [general; new species: *Faunia dolores*, *Pirgus* [sic] *erythrostictus*, *P. polyctor*, *Goniloba vulpecula*, *Hesperia austera*, *H. begga*, *H. bigutta*; South America]
- Pro, Arturo**
2017. See Rodríguez, A. et al., 2017.
- Pró, Luis**
1933. Contribución al estudio de la zoogeografía peruana. *Boletín de la Sociedad geográfica de Lima* 49(1/2): 99-105 ("June 1932", August 1933) [general]
- Procaccini, Donald Joseph [ -1990], and Louis S. Marks**
1968. Computer analysis of morphological pattern as an aid in taxonomic discrimination, pp. 223-233. In: Enslin, K. (Ed.), *Proceedings of the 1966 Rochester Conference on Data Acquisition and Processing in Biology and Medicine*. New York, Pergamon Press. 5. [general; *Papilio* spp.]
1972. Maculation pattern in the subgenus *Protesilaus* (Lepidoptera: Papilionidae). 1. The development of wing pattern in *Papilio agestilus fortis*. *Annals of the entomological Society of America* 65(6): 1346-1349, 1 fig. (15 November) [general]
- Procházka, Frantisek**
1963. See Moucha, J. & F. Procházka, 1963.
- Proctor, Noble S.**
- [1978]. Zone X. South America (Ecuador), p. 11. In: Hathaway, M. (Ed.), [Butterfly Count Report]. *Wings* 4(1): 6-11 ("December 1977", [1978]) [general]
- Prokopy, Ronald J.**
1987. See Roitberg, B. D. & R. J. Prokopy, 1987.
- Proshek, Benjamin, Julian R. Dupuis, Anna Engberg, Kenneth E. Davenport, Paul Alexander Opler, Jerry Alan Powell and Felix A. H. Sperling**
2015. Genetic evaluation of the evolutionary distinctness of a federally endangered butterfly, Lange's Metalmark. *BMC*

- evolutionary Biology* 15(73): 1-15, 5 figs., 2 tabs. (published online 25 April) [Apodemia; Mexico]
- Proshek, Benjamin, and David C. Houghton**  
2012. Complex mtDNA variation and species delimitation in the *Phyciodes tharos* species group (Nymphalidae: Melitaeini): A second look in Michigan and Ohio. *Journal of the Lepidopterists' Society* 66(1): 41-49, 3 figs., 1 tab. (19 March) [Mexico]
- Protas, Meredith**  
2012. See Kronforst, M. R. et al., 2012.
- Prout, Louis Beethoven** [1864-1943]  
1901. The lepidopterological books of the nineteenth century. *Entomologist's Record and Journal of Variation* 13(2): 20-26 (15 January) [general]  
1903. Index Zoologicus. *Entomologist's Record and Journal of Variation* 15(4): 93-94 (15 April) [nomenclature; list of genera]  
1910. Lepidoptera Heterocera. Fam. Geometridae. Subfam. Oenochrominae. *Genera Insectorum* 104: 1-120, 2 pls. ([25 June]) [general; Central and South America]  
1912. Geometridae: Brepinae, Oenochrominae. *Lepidopterorum Catalogus* 8: 1-94 (10 August) [general; Neotropics]  
1916. New Neotropical Geometridae. *Novitates zoologicae* 23(2): 151-190 (25 September) [new species: *Hedyle albipannosa*, *Phellinodes klagesi*, *P. costilunata*, *P. albistria*, *P. minutipuncta*, *P. lamellifera*; Peru, Brazil, Ecuador]  
1917. New Geometridae in the Joicey collection. *Annals and Magazine of natural History* (8)20(115): 108-128, pl. 7 ([1 July]) [*Phellinodes biapicata*, *P. leucoplethes*; Peru, Ecuador]  
1922. See Aurivillius, P. O. C. et al., 1922.  
1932. Tribe Hedylicae. In: Seitz, A. (Ed.), *The Macrolepidoptera of the World. Systematic description of the hitherto known Macrolepidoptera. Vol. 8. The American Geometridae*. Stuttgart, Alfred Kernen. (530): 16-20 (23 May), (540): pl. 2 (31 August) [new taxa: *Hedyle semiermis*, *H. inermis*, *Phellinodes desueta*, *P. satellitiata zapotensis*, *P. stabilinota*, *P. albifascia expedita*, *P. zikani*, *P. conifera gorgonensis*; Central and South America]
- Provenza, Jorge**  
1984. See Dunsterville, H. & J. Provenza, 1984.
- Prowell, Dorothy Pashley**  
2005. See Murray, D. L. & D. P. Prowell, 2005.
- Prpić, Nikola-Michael**  
1999. *Vanessa braziliensis* Moore, 1838 [sic]: Faunal element of the Canary Islands? *Nachrichtenblatt der bayerischen Entomologen* 48(3/4): 109-111 (15 September) [*V. virginiensis* (Drury), *V. altissima* (Rosenberg & Talbot)]
- Prudêncio, M. and Kay Saalfeld**  
1986. Algunos parâmetros de dinâmica de populações e dados genéticos de uma população natural de *Heliconius erato phyllis* (Fabricius) (Lepidoptera: Nymphalidae). *Resumos XIII Congresso brasileiro de Zoologia* (Cuiabá), p. 73. [Brazil]
- Prudic, Kathleen L.**  
2007. See Frentiu, F. D. et al., 2007a.
- Prudic, Kathleen L., Andrew David Warren and Jorge Enrique Llorente**  
2008. Molecular and morphological evidence reveals three species within the California sister butterfly, *Adelpha bredowii* (Lepidoptera: Nymphalidae: Limenitidinae). *Zootaxa* 1819: 1-24, 28 figs., 3 tabs. (9 July) [Mexico, Guatemala]
- Prüffer, Jan** [1890-1959]  
1922a. Neue Formen von Schmetterlingen Peru. *Archiwum Nauk biologicznych Towarzystwa Naukowego Warszawskiego* 1(2): 1-8, 2 pls. [*Papilio thoas flavibrunneus*, *P. lycophron brunneus*, *P. aristeus huambiensis*, *P. harmodius vittalis*, *P. glaucolaus sztolcmani*, *Dismorphia theugenis linealis*, *Lycorea cleobea* form *bicolor*, *Mechanitis lycidice* form *argentea*, *Dismenitis zavaleta* form *ingens*, *Taygetis valentina tarmensis*, *Euptychia herse peruviana*, *Perisama humboldtii* form *alia*, *P. emineus* (sic) *oppeliana*, *Chlorippe elis* form *huambiensis*]  
1922b. Spis motyli peruwjanskich zebranych przez eksepedycje Jana Sztolcmana i Konstatego Jelskiego. Verzeichniss der Schmetterlinge aus Peru, gesammelt durch die Expeditionen von Jan Sztolcman und Konstany Jelski. *Archiwum Nauk biologicznych Towarzystwa Naukowego Warszawskiego* 1(3): 1-14. [general]
- Pruisscher, Peter**  
2019. See Hill, J. A. et al., 2019.
- Prum, Richard O.**  
2010. See Saranathan, V. et al., 2010.  
2017. See Cuthill, I. C. et al., 2017.
- Prum, Richard O., Tim Quinn and Rodolfo H. Torres**  
2006. Anatomically diverse butterfly scales all produce structural colours by coherent scattering. *Journal of experimental Biology* 209(4): 748-765, 10 figs., 2 tabs. (15 February) [general]
- Prysby, Michelle**  
2003. See Oberhauser, K. S. et al., 2003.
- Przegendza, Adolf**  
1927. Aberration von *Callicore clymena* Cr. und *Catagramma hydaspes* Drury. *Entomologische Zeitschrift* 41(16): 333-335, 10 figs. (24 November) [*C. c.* aberration *dissoluta*, *C. c.* aberration *serpentina*, *C. c.* aberration *communicata*, *C. h.* aberration *pulchra*; Brazil]
- Pu, Ling-Ling**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Puga, Federico** [1856-1935]  
1928. Distribución geográfica de la mariposa plateada de Chile. *Revista chilena de Historia natural* 31: 277-279, fig. 26 ("1927", 1928). [*Argyrophorus argenteus* (Blanchard)]
- Puig, Jordi**  
1995. See Hellebuyck, V. J. & J. Puig, 1995.
- Puig, Jordi, Gerardo Cabrera and Jean-Michel Maes**  
1998. *Marpesia marcella* (Felder) (Lepidoptera: Nymphalidae), nuevo reporte para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 45: 41-44, 1 fig. (September)
- Pujol-Luz, José Roberto**  
2000. See Papavero, N. et al., 2000.  
2002. See Papavero, N. et al., 2002.
- Pulido, Hannier Wadith**  
2007. See Andrade, M. G. et al., 2007.
- Pulido, Hannier Wadith, and Miguel Gonzalo Andrade**  
2007. *Mariposas de las partes altas de la Serranía de Perijá*, pp. 235-248, tabs. 47-51. In: Rangel, J. O. (Ed.), *Colombia, diversidad biótica V. La alta montaña de la Serranía de Perijá*. Bogotá, Universidad Nacional de Colombia, Instituto de Ciencias Naturales. [general; Colombia]  
2008. A new species of *Forsterinaria* Gray, 1973 (Lepidoptera: Nymphalidae: Satyrinae) from the Serranía del Perijá, Cesar, Colombia. *Caldasia* 30(1): 189-195, 5 figs. (30 June) [*F. anachoreta*]  
2009. *Las mariposas de la Serranía de Perijá*, pp. 509-559, 704-706, figs. 37-46, tab. 84. In: Rangel, J. O. (Ed.), *Colombia. Diversidad biótica VIII. Media y baja montaña de la Serranía de Perijá*. Bogotá, Universidad Nacional de

- Colombia, Instituto de Ciencias Naturales. [general; Colombia]
- Pulido, Hannier Wadith, Miguel Gonzalo Andrade and Jorge Enrique Llorente**
2010. Taxonomía y distribución de *Nathalis* (Lepidoptera: Pieridae) en Colombia. *Revista de Biología tropical* 58(1): 273-285, 7 figs., 1 tab. (March; published online 1 March) [new subspecies: *N. iole natalia*]
- Pulido, Hannier Wadith, Miguel Gonzalo Andrade, Carlos Peña and Gerardo Lamas**
2011. Two new taxa of *Euptychia* Hübner, 1818 (Lepidoptera: Nymphalidae: Satyrinae) from the Andes of Colombia and Peru. *Zootaxa* 2906: 43-51, 6 figs. (3 June) [*E. cesarensis*, *E. c. viloriai*; Ecuador]
- Pulido, Hannier Wadith, and Dumar Ariel Parrales**
2011. Listado de especies de las mariposas diurnas (Hesperioidea y Papilionoidea) de Arcabuco (Boyacá, Colombia). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(2): 191-200, 3 figs., 1 tab. (December) [general]
- Pulido, Hannier Wadith, Dumar Ariel Parrales, Pablo Andrés Gil and Linda Milena Torres**
2010. *Catálogo ilustrado de las mariposas de la Reserva de la Sociedad Civil Rogitama Biodiversidad, Arcabuco, Boyacá – Colombia*. Tunja, Universidad Pedagógica y Tecnológica de Colombia. 112 pp., figs. [general]
- Pulido, Jaime Ignacio**
1989. See García, F. et al., 1989.
1991. See García, F. & J. I. Pulido, 1991.
1992. See García, F. et al., 1992.
- Pulido, Jaime Ignacio, and Reinaldo Cárdenas**
1979. Biología del gusano cabra de las hojas del plátano *Opsiphanes envirae* [sic] Hübner (Lepidoptera: Brassolidae). *Revista colombiana de Entomología* 5(3/4): 45-51, 6 figs., 3 tabs. (July-December) [egg, larva, pupa, imago; host plants; parasitoids; pathogen; Colombia]
- Pulido, María Teresa**
2006. See Pagaza, E. M. et al., 2006.
- Puma, Alejandra María**
2015. See Céspedes, A. Á. et al., 2015.
- Punnett, Reginald Crundall** [1875-1967]
1915. *Mimicry in butterflies*. Cambridge, Cambridge University Press. viii + 188 pp., 16 pls. [general; predators; Neotropics]
- Purmann, Robert** [1914-1992]
1939. See Wieland, H. & R. Purmann, 1939.
- Purser, Bruce H.** [1928- ]
1999. Variations faunistiques sur le versant oriental des Andes. *Bulletin des Lépidoptéristes parisiens* 8(14): 58 (December) [general; distribution]
- 2001a. Diversité exceptionnelle et comportement des papillons amazoniens dans la vallée du Palcazu (Pérou central). *Bulletin des Lépidoptéristes parisiens* 10(18): 16-25, 2 pls., 1 map (April) [general]
- 2001b. Guyane française. Informations pratiques pour un voyage entomologique. *Bulletin des Lépidoptéristes parisiens* 10(29): 63-67 (December) [general]
2002. Camouflage et mimétisme chez les insectes. *Bulletin des Lépidoptéristes parisiens* 11(21): 16-30, pls. A-B, figs. (April) [general; Neotropics]
- 2003a. Camouflage et mimétisme chez les insectes guyanais. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 112-124, pls. 20-23 (January) [Ed. 2, October 2007] [general; French Guiana]
- 2003b. Vingt-quatre heures dans la forêt guyanaise. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 143-149, 2 figs. (January) [Ed. 2, October 2007] [general; French Guiana]
- 2003c. Guyane française. Informations pratiques pour un voyage entomologique. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 150-154 (January) [Ed. 2, October 2007] [general]
- 2003d. *Jungle bugs. Masters of camouflage and mimicry*. Buffalo, Firefly Books. 144 pp., 204 + 12 figs. [general]
2012. L'Équateur, carrefour des Andes: la quatrième dimension. *Lépidoptères* (Paris) 21(52): 64-71, 3 figs., 1 tab. (September) [general; biogeography; Peru, Ecuador]
2013. See Blandin, P. & B. H. Purser, 2013.
2015. *Butterflies of the Andes. Their biodynamics and diversification*. Gainesville, The International Biodiversity Foundation. viii + 251 pp., figs., tabs. ("April", [29 May]) [general]
2017. See Lacomme, D. & B. H. Purser, 2017.
- Purser, Bruce H., and Michel Garnier**
2003. La lépidofaune guyanaise - Originalité et abondance. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 4-10, 2 figs., 1 tab. (January) [Ed. 2, October 2007] [general; French Guiana]
- Purser, Bruce H., and José Urbina**
2008. *Morpho cypris* Westwood, 1851. Comportement et cycle de vie en Colombie. *Lépidoptères* (Paris) 17(39): 35-41, 11 figs. (March) [host plant]
- Purvis, Andy**
2012. See Etienne, R. S. et al., 2012.
- Puttick, A., Jorge Leonel León and Luc Legal**
2018. *Baronia brevicornis*, short horned *Baronia*. *The IUCN Red List of threatened Species* 2018(e.T2594A119581233): 1-11, 1 map [Mexico]
- Putzke, Marisa Terezinha Lopes**
2012. See Gehardt, A. et al., 2012.
- Py, Claude** [1923-2015], and **Marc-André Tisseau**
1965. *L'ananas*. Paris, G.-P- Maisonneuve & Larose. 300 pp., 93 + 32 figs., 13 tabs. (15 April) (*Techniques Agricoles et Productions Tropicales*, IV) [Spanish Ed., 1968] [*Thecla basilides* Geyer; host plant; Central and South America]
- Pybus, Oliver G.**
2004. See Flanagan, N. S. et al., 2004.
- Pyenson, Louis** [1909-1986]
- 1938a. The problems of applied entomology in Pernambuco, Brazil. *Revista de Entomologia* (Rio de Janeiro) 8(3/4): 237-254, 3 figs., 2 tabs. (25 June) [Pieridae; *Hylephila* sp.]
- 1938b. The problems of applied entomology in Pernambuco, Brazil. Part II. A survey of some of the pests of the crops of Pernambuco. *Revista de Entomologia* (Rio de Janeiro) 9(1/2): 16-31 (27 September) [general; host plants]
- Pyle, Robert Michael** [1947- ]
1976. The scientific management of butterfly and moth populations; a new thrust of wildlife conservation. *Discovery* 11(2): 68-77, figs. [*Papilio aristodemus* Esper; Cuba, Haiti]
1979. How to conserve insects for fun and necessity. *Terra* 17(4): 18-22, figs. [*Morpho*; Brazil]
- [1980]. Butterflies: now you see them... *International Wildlife* 11(1): 4-11, figs. ([December]) [general; conservation]
- 1983a. Visit to the Mexican monarchs. *Species Survival Commission Newsletter. International Union for the Conservation of Nature and natural Resources* (New Series) 2: 15-16 (June) [*Danaus plexippus* (Linnaeus); conservation; Mexico]

- 1983b. Migratory monarchs: an endangered phenomenon. *Nature Conservancy News* 33(5): 20-24, figs. (September-October) [*Danaus plexippus* (Linnaeus); Mexico]
- 1983c. Spectacular! *International Wildlife* 13(6): 40-41, 2 figs. (November-December) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1983d. See Wells, S. M. et al., 1983.
- 1984a. International efforts for Monarch preservation, and conclusion. *Atala* 9(1/2): 21-22 (April) [*Danaus plexippus* (Linnaeus); Mexico]
- 1984b. *The Audubon Society Handbook for Butterfly Watchers*. New York, Charles Scribner's Sons. xiv + 274 pp., figs. [general; Neotropics]
1989. Monarch butterflies: Messengers for invertebrates. *Wings* 14(2): 11 [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1995a. See New, T. R. et al., 1995.
- 1995b. A history of Lepidoptera conservation, with special reference to its Remingtonian debt. *Journal of the Lepidopterists' Society* 49(4): 397-411 (27 December) [*Danaus plexippus* (Linnaeus); Mexico]
- 1999a. *Chasing Monarchs. Migrating with the butterflies of passage*. Boston, Houghton Mifflin Company. xi + 307 pp. ([August]) [*Danaus plexippus* (Linnaeus); Mexico]
- 1999b. An excerpt from *Chasing Monarchs. American Butterflies* 7(2): 32-36, 4 figs. [*Danaus plexippus* (Linnaeus); Mexico]
- 2000a. See Boyd, B. & R. M. Pyle, 2000.
- 2000b. *Butterflies and moths named by and for Vladimir Nabokov*, pp. 751-758. In: Boyd, B. & R. M. Pyle (Eds.), *Nabokov's Butterflies. Unpublished and uncollected writings*. Boston, Beacon Press. [general]
2001. Las Monarcas: Butterflies on thin ice. *Orion* 20(2): 16-25, figs. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
2004. See Brower, L. P. & R. M. Pyle, 2004.
2015. *A butterfly has time enough*, pp. 231-240, 6 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general]
2018. Lincoln Brower's legacy of conservation. *News of the Lepidopterists' Society* 60(3): 116-118, 1 fig. (27 August) [*Danaus plexippus* (Linnaeus); Mexico]
- Pyle, Robert Michael, Michael M. Bentzien and Paul Alexander Opler**
1981. Insect conservation. *Annual Review of Entomology* 26: 233-258 [general]
- Pyle, Robert Michael, and Mía Monroe**
2004. Conservation of western monarchs. *Wings* 27(1): 13-17, 3 figs. [*Danaus plexippus* (Linnaeus); Mexico]
- Pyrzcz, Tomasz Wilhelm [1962- ]**
- 1993a. Notes sur les premières états de *Papilio cleotas* au Venezuela (Lepidoptera, Papilionidae). *Lambillionea* 93(1): 87-89, 3 figs. (March)
- 1993b. *Memphis titan romeroi* from Venezuela (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 4(1): 26, 4 figs. ("30 July", [30 August])
- 1993c. New record of *Memphis grandis* from Venezuela (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 4(1): 27-28, 2 figs. ("30 July", [30 August])
- 1993d. New *Memphis* from Venezuela Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 4(2): 127-131, 9 figs. ("30 November", [27 December]) [*M. salinasii*]
1994. See Viloría, Á. L. & T. W. Pyrcz, 1994.
- 1995a. A new *Memphis* from the Pantepui, Venezuela (Lepidoptera: Nymphalidae: Charaxinae). *Tropical Lepidoptera* 6(1)(1): 11-13, 5 figs. (25 May) [*M. montesino*]
- 1995b. A new genus, *Tamania*, and a new species, *Tamania jacuelinae*, from the Tamá range, Venezuela Colombia border, and some thoughts on the diagnosis of the tribe Pronophilini (Nymphalidae: Satyrinae). *Lambillionea* 95(4): 519-525, 9 figs. (December)
- 1995c. See Viloría, Á. L. & T. W. Pyrcz, 1995.
1996. See Rey, F. & T. W. Pyrcz, 1996.
- 1999a. The E. Krüger collection of pronophiline butterflies. Part I: Introduction, genera *Altopedaliodes* to *Lymanopoda* (Lepidoptera: Nymphalidae: Satyrinae). *Lambillionea* 99(2)(1): 221-240, 3 pls. (June) [new name: *Altopedaliodes kruegeri*; new taxa: *Eretris lecromi*, *E. depressissima*, *E. d. niambii*, *E. porphyria pseudoperija*, *Lymanopoda pieridina albicosta*; Colombia]
- 1999b. The E. Krüger collection of pronophiline butterflies. Part II: Genera *Manerebia* to *Theimeia* [sic] (Lepidoptera: Nymphalidae: Satyrinae). *Lambillionea* 99(3)(1): 351-376, 2 pls. (September) [new taxa: *Pedaliodes wilhelmi*, *P. rudnyi*, *P. piscolabis*, *P. negreti*, *P. palpita bedonica*, *P. phrasicla immaculata*; Colombia]
- 1999c. Contributions to the knowledge of Ecuadorian Pronophilini, Part II. The genus *Lasiophila* (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 10(3): 479-495, 30 figs. (31 October) [new taxa: *L. phalaesia alce*, *L. p. kroli*, *L. palades limes*]
- 2000a. Contributions to the knowledge of Ecuadorian Pronophilini. Part IV. New taxa of *Pronophila* Doubleday (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 11(1): 69-86, 18 figs. (15 April) [*P. isobelae*, *P. i. benevola*, *P. attali*, *P. margarita*, *P. unifasciata nanegalito*, *P. epidipnis lathyi*, *P. rosenbergi puyango*; Peru]
- 2000b. See Viloría, Á. L. & T. W. Pyrcz, 2000.
- 2001a. See Viloría, Á. L. et al., 2001.
- 2001b. See Viloría, Á. L. & T. W. Pyrcz, 2001.
- 2003a. See Viloría, Á. L. et al., 2003.
- 2003b. Datos sistemáticos y zoogeográficos sobre *Lymanopoda huilana* Weymer con la descripción de una nueva subespecie (Nymphalidae: Satyrinae: Satyrini: Pronophilina). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 235-243, 4 figs. (November) [*L. h. dominicae*; Colombia, Ecuador]
- 2003c. Una nueva especie de lepidóptero altoandino de Chanchamayo (Perú central) - *Pedaliodes franzi* (Nymphalidae: Satyrinae: Satyrini: Pronophilina). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 245-254, 3 figs. (November) [Colombia, Ecuador]
- 2004a. See Lamas, G. et al., 2004.
- 2004b. See Miller, J. Y. et al., 2004.
- 2004c. See Le Crom, J. F. et al., 2004.
- 2004d. La trayectoria del lepidopterólogo alemán Eugen Krüger. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 173-187, 2 figs. (November) [general; Haiti, Venezuela, Surinam, Colombia]
- 2004e. Notas taxonómicas sobre el género *Pronophila* Doubleday con la descripción de cuatro nuevas subespecies de *Pronophila unifasciata* Lathy (Nymphalidae: Satyrinae: Pronophilini). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 233-246, 2 pls. (November) [*P. u. eugeni*, *P. u. antioquiense*, *P. u. deceptoria*, *P. u. kennethi*; Colombia, Ecuador, Peru, Bolivia]
- 2004f. New oreo pedalioidine butterflies from Ecuador and Colombia (Nymphalidae: Satyrinae: Pronophilini). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 287-301, 16 figs. (November) [*Altopedaliodes halli*, *A. perita sorda*, *A. zsolts citra*, *Pedaliodes kruegeri belmira*]
- 2004g. Pronophiline butterflies of the highlands of Chachapoyas in northern Peru: faunal survey, diversity and distribution

- patterns (Lepidoptera, Nymphalidae, Satyrinae). *Genus* 15(4): 455-622, 212 figs., 1 tab. (26 December) [new taxa: *Lymanopoda acraeida chavezii*, *L. albocincta intermedia*, *L. magna*, *L. araneola*, *L. dyari*, *L. ingasayana*, *L. inde*, *Eretris mendoza*, *E. porphyria transmaraniona*, *E. apuleina*, *E. truncatata*, *Steremnia agraulis agraulina*, *S. lucillae*, *Manerebia trirufa*, *M. diffusa*, *M. benigni*, *M. b. tessmanni*, *M. haywardi*, *M. ignilineata jalca*, *Apexacuta improvisa*, *A. superior*, *Corades tripunctata necrufa*, *Daedalma boliviana peruviana*, *D. fraudata*, *D. vertex*, *Junea dorinda quasinegra*, *Lasiophila cirta atropurpurea*, *Mygona poeana magalyae*, *Oxeoschistus iphigenia*, *Proboscis pomarancia*, *Pronophila tremocrata*, *P. epidipnis perplexa*, *P. bernardi*, *Pseudomaniola mirabilis extrema*, *Pedaliodes cledonia molesta*, *P. petri maasseni*, *P. simplissima*, *P. phrasicla rufa*, *P. erschoffi*, *P. boettgeri*, *P. aureola*, *P. sophismata*, *P. stuebeli*, *P. maruda*, *P. uaniuna*, *P. demathani*, *P. sztolcmani*, *P. s. gilvaecosta*, *P. jelskii*, *P. albicilia*, *P. woytkowskii*, *Corderopedaliodes corderoi exornata*, *Panyapedaliodes stellata*, *P. phila certa*, *Punapedaliodes flavopunctata minima*]
- 2005a. A new species of *Lymanopoda* at the southern generic limit on the Pacific slopes of the Andes (Lepidoptera: Nymphalidae: Satyrinae). *Lambillionea* 105(2): 251-256, 7 figs. (June) [*L. pascua*; Peru]
- 2005b. A new endemic species of *Corades* from the Chiles volcano massif in north-western Ecuador (Lepidoptera: Nymphalidae: Satyrinae). *Lambillionea* 105(3): 503-508, 2 figs. (September) [*C. liliaceus*]
- 2005c. La identidad de *Corades anfortas* (Thieme) y la descripción de una nueva subespecie (Lepidoptera: Nymphalidae: Satyrinae). *Lambillionea* 105(4): 604-608, 6 figs. (December) [*C. a. celestini*; Peru]
- 2006a. Systematics, ecology and zoogeography of high Andean pedalioidines. Part. 1: *Pedaliodes spina* Weymer (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 17(2): 299-306, 12 figs. (30 June) [new subspecies: *P. s. bifurcata*; Colombia, Ecuador]
- 2006b. Notas sobre *Corades tripunctata* Weymer con la descripción de una nueva subespecie (Lepidoptera: Nymphalidae: Satyrinae). *Lambillionea* 106(2)(1): 235-238, 3 figs. (June) [*C. t. malambo*; Peru]
- 2006c. Filling gaps in the distribution patterns of the genus *Lasiophila* C. & R. Felder: a new species from the valley of Kosñipata (Cuzco, Peru) (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 17(4): 601-608, 4 figs. (28 December) [*L. luna*]
- 2006d. Systematics, zoogeography and bionomics of high Andean pedalioidines, Part 3: Revisional notes on the generic status and a new subspecies of *Pedaliodes puma* (Thieme) (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 17(4): 609-616, 4 figs. (28 December) [*P. p. ernsti*; Peru]
- 2006e. See Gareca, Y. et al., 2006b.
- 2008a. Description of a new pronophiline butterfly from the Venezuelan Cordillera de Mérida previously known as *Pedaliodes ferratilis* form *luteocosta* Adams & Bernard with data on its altitudinal distribution (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 19(1): 125-134, 11 figs. (20 April) [*P. minabilis*]
- 2008b. See Viloría, Á. L. et al., 2008.
2009. See Greeney, H. F. et al., 2009c.
- 2010a. See Greeney, H. F. et al., 2010b.
- 2010b. See Casner, K. L. & T. W. Pycrz, 2010.
- 2010c. See Viloría, Á. L. et al., 2010.
- 2010d. *Wybrane zagadnienia z taksonomii, zoogeografii i ewolucji faun górskich na przykładzie grupy modelowej motyli z plemienia Pronophilini (Nymphalidae)*. Olsztyn, Wydawnictwo Mantis. 245 pp., 137 figs., 8 tabs. [general; *nomina nuda*; Neotropics]
- 2010e. *Evolution of butterflies of the genus Redonda (Lepidoptera, Nymphalidae, Satyrinae), and their adaptation to the high Andean environment*, pp. 265-273, 5 figs. In: Mirek, Z., A. Flakus, A. Krzanowski, A. Paulo & J. Wojtusiak (Eds.), *The nature and culture of Latin America. Review of Polish studies*. Kraków, Polish Academy of Sciences, W. Szafer Institute of Botany. [general; *R. camacho*, *nomen nudum*; Venezuela]
- 2011a. See Greeney, H. F. et al., 2011a.
- 2011b. See Laurance, W. F. et al., 2011.
- 2011c. See Mahecha, O. J. et al., 2011.
- 2011d. See Zubek, A. & T. W. Pycrz, 2011a.
- 2011e. See Zubek, A. & T. W. Pycrz, 2011b.
- 2012a. New taxa of pronophiline butterflies of the genus *Lymanopoda* Westwood from Ecuador (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 23(1): 119-131, 13 figs., 1 tab. (30 April) [*L. labda bilinskii*, *L. labineta wojtusiaci*, *L. hazelana viridia*]
- 2012b. A new species of satyrine butterfly from Patagonia in more than a century and revisional notes on the genus *Faunula* C. Felder & R. Felder (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 3342: 60-68, 3 figs. (12 June) [*F. dubii*; Chile, Argentina]
- 2012c. Professor Janusz Wojtusiak (1942-2012) researcher of butterflies, passionate about nature, fascinated by mountains. *Genus* 23(2): 183-187, 3 figs. (30 June) [general]
2013. See Zacca, T. et al., 2013.
- 2014a. See Zubek, A. et al., 2014.
- 2014b. See Marín, M. A. et al., 2014.
- 2014c. See Benyamini, D. et al., 2014.
- 2014d. See Neild, A. F. E. & T. W. Pycrz, 2014.
- 2014e. See Cerdeña, J. A. et al., 2014.
- 2015a. See Zubek, A. et al., 2015.
- 2015b. See Zubek, A. & T. W. Pycrz, 2015.
- 2015c. See Marín, M. A. et al., 2015.
2016. See Bálint, Z. et al., 2016.
- 2017a. See Tarkowski, R. et al., 2017.
- 2017b. See Zubek, A. et al., 2017.
- 2017c. See Marín, M. A. et al., 2017a.
- 2017d. See Zacca, T. et al., 2017c.
- 2017e. See Álvarez, C. F. et al., 2017.
- 2019a. See Bálint, Z. et al., 2019a.
- 2019b. See Fric, Z. F. et al., 2019.
- 2019c. See Mahecha, O. J. et al., 2019.
- 2019d. See Padrón, P. S. et al., 2019.
- Pycrz, Tomasz Wilhelm, and Pierre Boyer**
2006. Notas taxonómicas sobre *Corades melania* Staudinger con la descripción de la hembra y de una nueva subespecie (Lepidoptera: Nymphalidae: Satyrinae). *Lambillionea* 106(1): 118-122, 8 figs. (March) [*C. m. karoli*; Peru]
2011. New taxa of pronophiline butterflies of the genus *Lymanopoda* Westwood from central Peru (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 22(3): 511-521, 11 figs. (30 November) [*L. hockingiana*, *L. mariposa*, *L. rana marrana*]
- Pycrz, Tomasz Wilhelm, Kayce L. Casner and Janusz Wojtusiak**
- 2009b. Polytypic species of pronophiline butterflies in the subpáramo and páramo of the Venezuelan Cordillera de Mérida I: Distribution patterns and affinities of *Lymanopoda mariana* Staudinger based on morphological and molecular data (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 20(3): 507-532, 8 figs. (15 October)



[new subspecies: *L. m. giselleae*, *L. m. ioanae*, *L. m. jacquelineae*, *L. m. valentinae*, *L. m. veronicae*]

**Pyrzcz, Tomasz Wilhelm, José Alfredo Cerdeña and Klaudia Florczyk**

2019b. Two remarkable new species of *Argyrophorus* Blanchard from the Peruvian high Andes (Lepidoptera, Nymphalidae, Satyrinae). *Zootaxa* 4656(2): 375-383, 4 figs. (14 August) [*A. idealis*, *A. rubrostriata*]

**Pyrzcz, Tomasz Wilhelm, José Alfredo Cerdeña and Erick Huamani**

2013b. Systematics, bionomics and zoogeography of high Andean pedalioidines. Part 14: Two new species of *Pedaliodes* Butler from the Huancabamba Deflection in southern Ecuador and northern Peru (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 24(2): 131-141, 3 figs. (31 July) [*P. namballe*, *P. garlaczi*]

**Pyrzcz, Tomasz Wilhelm, Alejandra Clavijo, Sandra Inés Uribe, Mario Alejandro Marín, Carlos Federico Álvarez and Anna Zubek**

2016b. Páramo de Belmira as an important centre of endemism in the northern Colombian Andes: new evidence from Pronophilina butterflies (Lepidoptera: Nymphalidae, Satyrinae, Satyrini). *Zootaxa* 4179(1): 77-102, 16 figs., 1 tab. (28 October) [new taxa: *Lymanopoda casneri*, *L. ionius lilliput*, *Panyapedaliodes rojasi*, *Pedaliodes nutabe*, *Apexacuta orsedice mariadelmarae*]

**Pyrzcz, Tomasz Wilhelm, and Steven A. Fratello**

2005. Cloud forest butterfly fauna of the Pantepui - Poor or poorly known? Description of new species and records of new genera of Pronophilina: *Eretris agata* and *Oxeoschistus romeo* (Nymphalidae: Satyrinae). *Journal of the Lepidopterists' Society* 59(4): 200-211, 23 figs. (16 December) [biogeography; Andes, Venezuela, Guyana]

**Pyrzcz, Tomasz Wilhelm, André Victor Lucci Freitas, Pierre Boyer, Fernando Maia Silva Dias, Diego Rodrigo Dolibaina, Eduardo de Proença Barbosa, Luiza de Moraes Magaldi, Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande and Jadwiga Lorenc-Brudecka**

2018a. Uncovered diversity of a predominantly Andean butterfly clade in the Brazilian Atlantic Forest: a revision of the genus *Praepedaliodes* Forster (Lepidoptera: Nymphalidae, Satyrinae, Satyrini). *Neotropical Entomology* 47(2): 211-255, 29 figs., 2 tabs. (April; published online 2 October 2017) [general; new species: *P. duartei*, *P. zacciae*, *P. francinii*, *P. sequeirae*, *P. landryi*, *P. pawlaki*; eggs, larvae, pupae, imagoes; host plants; Brazil, Paraguay, Uruguay, Argentina]

**Pyrzcz, Tomasz Wilhelm, and Yuvinka Gareca**

2009. A new species of *Eretris* Thieme (Lepidoptera: Nymphalidae, Satyrinae) from the elbow of the Andes region in Bolivia. *Neotropical Entomology* 38(3): 370-375, 6 figs. (April) [*E. julieta*]

**Pyrzcz, Tomasz Wilhelm, and Rafał Garlacz**

2012. The presence-absence situation and its impact on the assemblage structure and interspecific relations of Pronophilina butterflies in the Venezuelan Andes (Lepidoptera: Nymphalidae). *Neotropical Entomology* 41(3): 186-195, 3 figs., 5 tabs. (June; published online 4 May) [general]

**Pyrzcz, Tomasz Wilhelm, Rafał Garlacz, Krizstián Kertész, László Péter Biró and Zsolt Bálint**

2018b. An imperfect imago? Post-mating loss of iridescent scales in *Cheimas* butterflies may change female from attractive to cryptic (Lepidoptera: Nymphalidae: Satyrinae). *Journal of Natural History* 52(19/20): 1333-1350, 10 figs. (published online 30 April) [Venezuela]

**Pyrzcz, Tomasz Wilhelm, Harold Francis Greeney, Keith Richard Willmott and Janusz Wojtusiak**

2011b. A taxonomic revision of the genus *Daedalma* Hewitson with the description of twenty new taxa and the immature stages of two species (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 2898: 1-68, 26 figs., 1 tab. (30 May) [new taxa: *D. dinias salmoni*, *D. d. leticia*, *D. d. romeliana*, *D. d. emma*, *D. d. granadillas*, *D. d. radfordi*, *D. rubroreducta*, *D. eliza*, *D. vertex milleri*, *D. dognini*, *D. d. mirianae*, *D. drusilla tinta*, *D. d. krugeriana*, *D. inconspicua blancae*, *D. i. variegata*, *D. i. onorei*, *D. i. orientalis*, *D. i. cuencana*, *D. i. tapichalaca*, *D. i. petitia*; Venezuela, Colombia, Ecuador, Peru, Bolivia; eggs, larvae, pupae; host plants]

**Pyrzcz, Tomasz Wilhelm, Jadwiga Lorenc-Brudecka, Pierre Boyer and Anna Zubek**

2018c. Subspecies-level systematics and affinities of *Cheimas* Thieme – an endemic genus of the subparamo of the Venezuelan Cordillera de Mérida (Lepidoptera: Nymphalidae, Satyrinae). *Zootaxa* 4422(2): 219-243, 14 figs., 1 tab. (23 May) [new subspecies: *C. opalinus dominici*, *C. d. cristalinus*, *C. d. iosephi*, *C. d. rosalinus*]

**Pyrzcz, Tomasz Wilhelm, Jadwiga Lorenc-Brudecka, Anna Zubek, Pierre Boyer, Margreg Carolaing Gabaldón and Jesús Mavárez**

2017. Taxonomy, phylogeny and distribution of the genus *Steromapedaliodes sensu novo* in the Cordillera de Mérida, Venezuela (Lepidoptera: Nymphalidae: Satyrinae: Satyrini). *Arthropod Systematics & Phylogeny* 75(2): 195-243, 19 figs., 2 tabs. (8 September; published online 30 August) [new taxa: *S. albonotata thiemeiana* [unavailable name], *S. a. australis*, *S. a. pratense*, *S. a. josefinae*, *S. a. borealis*, *S. albarregas mauroi*, *S. a. prietoi*, *S. kahlua*, *S. mavarezzi*]

**Pyrzcz, Tomasz Wilhelm, Jadwiga Lorenc-Brudecka, Anna Zubek, Carlos Humberto Prieto, Pierre Boyer, Klaudia Florczyk, Benjamin Wacławik and Dorota Lachowska-Cierlik**

2019a. Considerations on the taxonomy of the genus *Arhuaco* Adams and Bernard 1977, and its relationships with the genus *Pronophila* Doubleday [1849] (Nymphalidae, Satyrinae). *Neotropical Entomology* 48(2): 302-313, 8 figs., 2 tabs. (April; published online 10 November 2018) [morphology; behavior; Costa Rica, South America]

**Pyrzcz, Tomasz Wilhelm, and Andrew Frederic Edwyn Neild**

1996. *Tribe Anaeni*, pp. 99-116. In: Neild, A.F.E., *The Butterflies of Venezuela. Part 1: Nymphalidae I (Limenitidinae, Apaturinae, Charaxinae). A comprehensive guide to the identification of adult Nymphalidae, Papilionidae, and Pieridae*. Greenwich, London, Meridian Publications. 144 pp., 32 pls., 18 figs. ([30] November) [new species: *Memphis maria*, *M. viloriae*]

**Pyrzcz, Tomasz Wilhelm, and Ezequiel Osvaldo Núñez**

2018. Una nueva subespecie de *Lymanopoda ferruginosa* A. Butler, 1868 del noroeste de Argentina (Lepidoptera: Nymphalidae: Satyrinae). *Historia natural* (Buenos Aires) (3)8(1): 87-93, 3 figs. (31 July) [*L. f. schreiteri*]

**Pyrzcz, Tomasz Wilhelm, Carlos Humberto Prieto, Pierre Boyer and Jadwiga Lorenc-Brudecka**

2018d. Discovery of a remarkable new species of *Lymanopoda* (Lepidoptera: Nymphalidae: Satyrinae) and considerations of its phylogenetic position: An integrative taxonomic approach. *European Journal of Entomology* 115: 387-399, 5 figs., 3 tabs. (published online 16 August) [*L. flammigera*; Colombia]

**Pyrzcz, Tomasz Wilhelm, Carlos Humberto Prieto, Ángel Luis Viloría and Miguel Gonzalo Andrade**

- 2013c. New species of high elevation cloud forest butterflies of the genus *Pedaliodes* Butler from the northern Colombian Andes (Lepidoptera, Nymphalidae, Satyrinae). *Zootaxa* 2716(4): 528-538, 16 figs. (25 September) [*P. haydoni*, *P. adrianae*, *P. rodriguezii*, *P. philinae*]

**Pyrzcz, Tomasz Wilhelm, and Gabriel Rodríguez**

- 2005a. Notas sobre el grupo *Panyapedaliodes muscosa* (Thieme) con la descripción de una nueva especie y dos nuevas subespecies (Lepidoptera, Nymphalidae, Satyrinae, Pronophilini). *Lambillionea* 105(1): 187-194, 1 pl., 4 figs. (March) [*Panyapedaliodes muscosa tambito*, *P. m. sumaco*, *P. cocorna*; Colombia, Ecuador]
- 2005b. *Pherepedaliodes angela* - Una nueva especie para la ciencia y un nuevo género para Colombia (Lepidoptera: Nymphalidae: Satyrinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 179-191, 4 pls., 7 figs. (November) [Ecuador, Peru, Bolivia]
2006. Description of a new remarkable species of *Lymanopoda* and identification of a centre of endemism of cloud forest butterflies in Belmira, northern Central Cordillera, Antioquia, Colombia (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 17(2): 291-297, 2 figs. (30 June) [*L. paisa*]
2007. Mariposas de la tribu Pronophilini en la Cordillera Occidental de los Andes de Colombia (Lepidoptera: Nymphalidae, Satyrinae). *Shilap* 35(140): 455-489, 27 figs., 1 map (30 December) [new taxa: *Lasiophila circe farallonensis*, *Lymanopoda zebra*, *L. ionius gargantua*, *Neopedaliodes yeyo*, *Oxeoschistus simplex triplex*, *Pedaliodes porcia banghaasi*, *P. praemontagna mateo*, *P. tamana*, *P. tatama*, *P. ximoi*; biogeography]

**Pyrzcz, Tomasz Wilhelm, Alfredo J. Ugarte, Pierre Boyer, Arthur Maurice Shapiro and Dubi Benyamini**

- 2016a. An updated list of the butterflies of Chile (Lepidoptera, Papilionoidea) including distribution, flight periods and conservation status. Part II, subfamily Satyrinae (Nymphalidae), with the descriptions of new taxa. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 65: 31-67, pls. 3-11, 2 figs., 4 tabs. ([published online 30 May]) [*Argyrophorus monticolens pintatus*, *Nelia ureta*, *Neomaena ambiorix obscurator*, *N. humilis ambiomatzi*; Argentina]

**Pyrzcz, Tomasz Wilhelm, and Ángel Luis Viloría**

- 1999a. Contribution to the knowledge of Ecuadorian Pronophilini, Part 1; new pedalioidines (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 10(1): 117-150, 40 figs. (31 March) [new taxa: *Altopedaliodes kurti*, *A. tena nucea*, *A. zsolti*, *Panyapedaliodes traceyanae*, *Pedaliodes balnearia*, *P. arturi*, *P. petri*, *P. rumba*, *P. sonata*, *P. dracula*, *P. tabaconas*, *P. morenoi pilaloensis*, *P. peucestas restricta*, *Pherepedaliodes nubilia*; Peru]
- 1999b. Mariposas de la tribu Pronophilini de la Reserva Forestal Tambito, Cordillera Occidental, Colombia. Primera parte. Convergencia de los patrones de coloración en mariposas andinas: siete nuevas especies del género *Pedaliodes* Butler, 1867 (Lepidoptera: Nymphalidae, Satyrinae). *Shilap* 27(106): 173-187, 24 figs., 1 tab. (30 June) [*P. transmontana*, *P. occulta*, *P. hebena*, *P. poema*, *P. obstructa*, *P. caeca*, *P. canela*]
2005. Adiciones a la fauna de mariposas de la Reserva Forestal de Tambito (Colombia): Descripción de cuatro subespecies nuevas de la subtribu Pronophilina (Nymphalidae, Satyrinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 258-277, 15 figs. (November) [*Pedaliodes peucestas magnifica*,

*Panyapedaliodes drymaea atropulla*, *Pronophila epidipnis cana*, *Corades chelonis rectilinea*]

- 2006a. Systematics, zoogeography and bionomics of high Andean pedalioidines, Part 2: *Pedaliodes praxia* (Hewitson) and related species (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 17(3): 427-436, 12 figs. (30 September) [new taxa: *P. puciula*, *P. praxia buckleyi*; Colombia, Ecuador]
- 2006b. Notes on the systematics of the genus *Praepronophila* Forster with the description of two new subspecies of *P. perperna* (Hewitson) (Lepidoptera: Nymphalidae: Satyrinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 10: 165-182, 12 figs. (November) [*P. p. gabrieli*, *P. p. smalli*; Costa Rica, Panama, Venezuela, Colombia, Peru, Bolivia]
2007. Erebiine and pronophiline butterflies of the Serranía del Tamá, Venezuela-Colombia border (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 15(1/2): 18-52, 50 figs., 5 tabs. (30 May) [general; new taxa: *Ianussiusa maso santa*, *Idioneurula eremita*, *Manerebia leaena gonzalezi*, *M. pervaga*, *M. pluviosa*, *Altopedaliodes tamaensis*, *Eretris porphyria recta*, *E. apuleja remotissima*, *Lasiophila circe arithmetica*, *L. zapatoza elusiva*, *Lymanopoda samius lineana*, *L. lebbaea moritzi*, *L. lecromi*, *Oxeoschistus puerta magnus*, *Pedaliodes praemontagna*, *P. empusa medusa*, *P. baccara allopatra*, *P. reyi*, *P. valencia*, *P. plotina ruricola*, *Pronophila epidipnis orcidipnis*, *Steremnia pronophila fluminea*]
2009. Systematics, zoogeography and bionomics of high Andean pedalioidines, Part 11: A new subspecies of *Pedaliodes ornata* Grose-Smith et Kirby in the Venezuelan Cordillera de Mérida (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 20(1): 13-22, 9 figs., 1 map (30 March) [*P. o. haroldboxi*]
2012. Revalidation of *Pedaliodes lithochalcis* Butler & Druce, description of a new species from Peru and Bolivia and of a new subspecies of *P. napaea* Bates from Honduras (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 23(1): 133-152, 26 figs. (30 April) [*P. peregrina*, *P. n. naksi*; Central and South America]
- Pyrzcz, Tomasz Wilhelm, Ángel Luis Viloría and Pierre Boyer**
- 2008a. Systematics and zoogeography of high Andean pedalioidines; Part 5: Revisional notes on *Pedaliodes chrysotaenia* with the description of a related species (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 19(3): 377-387, 12 figs. (30 October) [new taxa: *P. c. tortuga*, *P. jozefi*; Peru]
- [2011]a. The *obsoleta* clade of the genus *Lymanopoda* Westwood (Lepidoptera, Nymphalidae: Satyrinae). *Folia entomologica hungarica* 71: 161-195, 52 figs. ("15 December 2010", [before 14 June 2011]) [new taxa: *L. caudalis raymondae*, *L. balintiana*, *L. inaudita*, *L. necalba*, *L. confusiana*, *L. dietzi rosanna*, *L. d. argentata*, *L. d. vetula*, *L. d. oliva*, *L. d. neildi*; Venezuela, Colombia, Ecuador, Peru, Bolivia]
- Pyrzcz, Tomasz Wilhelm, Ángel Luis Viloría, Pierre Boyer and Gerardo Lamas**
- 2008b. Systematics, bionomics and zoogeography of high Andean pedalioidines; Part 6: *Pedaliodes demathani* Pyrcz – a widely polytypic species from Peru and Bolivia (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 19(3): 389-407, 31 figs. (30 October) [new subspecies: *P. d. pisca*, *P. d. kuni*, *P. d. chaneli*, *P. d. benedeki*, *P. d. alfa*, *P. d. ockendeni*, *P. d. kalinowskii*, *P. d. horsti*, *P. d. nussi*]
- 2008d. Systematics, bionomics and zoogeography of high Andean pedalioidines; Part 8: *Pedaliodes niveonota* Butler and new related species from Central Peru (Lepidoptera:

- Nymphalidae: Satyrinae). *Genus* 19(3): 419-431, 13 figs. (30 October) [*P. misericordiosa*, *P. m. carpishana*, *P. cendrata*]
- 2008e. Systematics, bionomics and zoogeography of high Andean pedalioidines; Part 9: Notes on *Pedaliodes pammenes* (Hewitson) and related species with the descriptions of nine new taxa (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 19(3): 433-470, 50 figs. (30 October) [*P. pammenes marca*, *P. daulis vilca*, *P. antulla bambulla*, *P. ampulla*, *P. yuvinka*, *P. y. pylasia*, *P. phaenomorpha*, *P. dominicae*, *P. d. diademata*; Peru, Bolivia]
- 2008f. Systematics, bionomics and zoogeography of high Andean pedalioidines; Part 10: Revisional notes on *Pedaliodes tyro* Thieme with the description of new allied taxa from central and southern Peru (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 19(3): 471-495, 36 figs. (30 October) [*P. ackeryi*, *P. melvillei*, *P. sophismata reductissima*, *P. arena*, *P. brea*, *P. diuna*, *P. ampayana*, *P. a. chanka*]
- Pyrzcz, Tomasz Wilhelm, Ángel Luis Viloría and Gerardo Lamas**
- 2008c. Systematics, bionomics and zoogeography of high Andean pedalioidines; Part 7: A sister species of *Pedaliodes paneis* (Hewitson) from Central Peru (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 18(3): 409-417, 6 figs. (30 October) [*P. derisoris*]
- 2009a. Systematics, bionomics and zoogeography of high Andean pedalioidines. 12. A new polytypic species and evaluation of the role of the Ucayali – Madre de Dios water divide as a biogeographic barrier (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 20(3): 493-505, 6 figs., 2 tabs. (15 October) [*P. phantasia*, *P. p. planetaria*; Peru]
2010. Systematics, bionomics and zoogeography of high Andean pedalioidines. Part 13: Description and affinities of a new species from the uppermost forests of the valley of Kosñipata, Cuzco (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 21(4): 615-623, 7 figs. (27 December) [*Pedaliodes acjanaco*; Peru]
- Pyrzcz, Tomasz Wilhelm, Ángel Luis Viloría, Gerardo Lamas and Pierre Boyer**
- 2011c. La fauna de mariposas de la subfamilia Satyrinae del macizo del Ampay (Perú): diversidad, endemismo y conservación (Lepidoptera: Nymphalidae). *Shilap* 39(154): 205-232, 5 figs., 1 tab. (30 June) [new taxa: *Lasiophila lucuma*, *Lymanopoda shefteli broweri*, *Pedaliodes ampayana chambii*, *P. karsholti*, *P. llorenteana*, *P. karolina*, *P. ewelina*, *Steremnia monachella adamsiella*]
- Pyrzcz, Tomasz Wilhelm, Haydon Warren-Gash and Anna Zubek**
- 2013a. Revisional notes on the genera *Corderopedaliodes* Forster and *Physcopedaliodes* Forster based on adult morphology with the descriptions of new taxa (Nymphalidae: Satyrinae). *Genus* 24(1): 1-28, 9 figs. (30 March) [new taxa: *C. buda*, *C. luzangelae*, *C. pandates olivieri*; Colombia, Peru]
- Pyrzcz, Tomasz Wilhelm, Keith Richard Willmott, Rafał Garlacz, Pierre Boyer and Yuvinka Gareca**
2014. Latitudinal gradient and spatial covariance in species richness of tropical Lepidoptera in the Andes. *Insect Conservation and Diversity* 7(4): 355-364, 3 figs., 1 tab. (July; published online 6 November 2013) [general; South America]
- Pyrzcz, Tomasz Wilhelm, Keith Richard Willmott and Jason Piers Wilton Hall**
1999. Contribution to the knowledge of Ecuadorian Pronophilini. Part III. Three new species and five new subspecies of *Lymanopoda* (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 10(3): 497-522, 29 figs. (31 October) [*L. ichu*, *L. caracara*, *L. nadia*, *L. excisa browni*, *L. labineta piniasi*, *L. nivea bingo*, *L. n. bonita*, *L. hazelana summa*; Peru]
- Pyrzcz, Tomasz Wilhelm, Keith Richard Willmott, Jason Piers Wilton Hall and Ángel Luis Viloría**
2006. A review of the genus *Manerebia* Staudinger (Lepidoptera: Nymphalidae: Satyrinae) in the northern Andes. *Journal of Research on the Lepidoptera* 39: 37-79, 20 figs. (30 May) [new taxa: *M. germaniae*, *M. g. vitalei*, *M. golondrina*, *M. magnifica*, *M. mammuthus*, *M. pervaga*, *M. pluviosa*, *M. prattorum*, *M. rufanalis*, *M. r. fernandina*, *M. seducta*, *M. undulata*, *M. u. milaena*, *M. franciscae rodriguez*, *M. inderena antioquiiana*, *M. i. clara*, *M. i. fina*, *M. i. leaeniva*, *M. i. mirena*, *M. i. similis*, *M. leaena gonzalezi*, *M. satura lamasi*, *M. s. pauperata*; Venezuela, Colombia, Ecuador, Peru]
- Pyrzcz, Tomasz Wilhelm, and Janusz Wojtusiak**
1999. Mariposas de la tribu Pronophilini de la Reserva Forestal Tambito, Cordillera Occidental, Colombia. Segunda parte. Patrones de distribución altitudinal (Lepidoptera: Nymphalidae, Satyrinae). *Shilap* 27(106): 203-213, 3 pls. (30 June) [general]
2002. The vertical distribution of pronophiline butterflies (Nymphalidae, Satyrinae) along an elevational transect in Monte Zerpa (Cordillera de Mérida, Venezuela) with remarks on their diversity and parapatric distribution. *Global Ecology & Biogeography* 11(3): 211-221, 5 figs. (26 May) [general]
- 2010a. Two new parapatric species of the genus *Eretris* Thieme from the Andes in western Ecuador (Lepidoptera, Nymphalidae: Satyrinae). *Annales historico-naturales Musei nationalis hungarici* 102: 143-153, 14 figs. (30 November) [*E. suprarufescens*, *E. microrufescens*]
- 2010b. A new species of *Argyrophorus* Blanchard from northern Peru and considerations on the value of wing venation as a source of synapomorphies in some temperate Neotropical Satyrinae (Lepidoptera: Nymphalidae). *Genus* 21(4): 605-613, 4 figs., 1 tab. (27 December) [*A. blanchardi*, *A. b. celendini*; morphology; taxonomy]
- Pyrzcz, Tomasz Wilhelm, Janusz Wojtusiak and Rafał Garlacz**
- 2009c. Diversity and distribution patterns of Pronophilina butterflies (Lepidoptera: Nymphalidae: Satyrinae) along an altitudinal transect in North-western Ecuador. *Neotropical Entomology* 38(6): 716-726, 6 figs., 1 tab. (December) [general]

# Q

## Qian, Zeng-Qiang

- 2016a. The complete mitogenome of the cydno longwing *Heliconius cydno* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA (A)* 27(2): 1453-1454, 1 tab. (3 March; published online 26 August 2014)
- 2016b. See Chen, C. et al., 2016.

## Qiang, Yi

2016. See Chen, C. et al., 2016.

## Qu, Jiaxin

2012. See Dasmahapatra, K. K. et al., 2012.

## Quadros, Felipe do Canto

2004. See Corseuil, E. et al., 2004.

## Quadros, Felipe do Canto, Andressa Linhares Dorneles and Elio Corseuil

2005. Ninfalídeos (Lepidoptera, Nymphalidae) ocorrentes no norte da planície costeira do Rio Grande do Sul, Brasil. *Biociências* (Porto Alegre) 12(2): 147-164, 10 figs. ("December 2004", April 2005) [general]

## Quadros, Felipe do Canto, Ricardo Giovenardi, Nicole Streffling Rappa, Liana Bertoldi Moreno and Elio Corseuil

2008. Novo registro de satírfneo (Lepidoptera, Nymphalidae, Satyrinae) para o estado do Rio Grande do Sul, Brazil. *Biociências* (Porto Alegre) 16(2): 142-144, 1 fig. (July) [*Euptychoides castrensis* (Schaus)]

## Quadros, Felipe do Canto, Jurema Cruz do Nascimento, Andressa Linhares Dorneles and Elio Corseuil

2004. Aspectos biológicos e morfológicos de *Marpesia petreus* (Lepidoptera, Nymphalidae, Limenitidinae). *Biociências* (Porto Alegre) 11(2): 173-176, 1 fig., 1 tab. ("December 2003", 28 February 2004) [life history; host plant; behavior; Brazil]

## Quadros, Marina Todeschini de

- 2010a. See Iserhard, C. A. et al., 2010a.
- 2010b. See Iserhard, C. A. et al., 2010b.

## Quah, Shan, Jerome H. L. Hui and Peter W. H. Holland

2015. A burst of mtRNA innovation in the early evolution of butterflies and moths. *Molecular Biology and Evolution* 32(5): 1161-1174, 6 figs., 1 tab. (1 May; published online 8 January) [*Heliconius melpomene* (Linnaeus)]

## Quail, Michael Andrew

2011. See Joron, M. et al., 2011.
2012. See Nadeau, N. J. et al., 2012.

## Quaino, Oscar R.

1990. See Imwinkleried, J. M. et al., 1990.

## Quaintance, Altus Lacy [1870-1958]

1913. Remarks on some of the injurious insects of other countries. *Proceedings of the entomological Society of Washington* 15(2): 54-83, (10 June) [*Brassolis isthmia* Bates; Panama]

## Quaresma, Mateus Augusto Lima

2015. See Silva, D. M. N. et al., 2015.

## Quayle, Henry Josef [1876-1951]

1938. *Insects of citrus and other subtropical fruits*. New York, Comstock Publishing Co., Inc. xi + 583 pp., 377 figs. [2nd. printing, July 1941] [*Papilio* spp.; host plants; Neotropics]

## Queijeiro, Mónica

2012. See Chávez, L. F. et al., 2012.

## Queiroz, Abel Felipe de Oliveira

2016. See Ambrogi, B. G. et al., 2016.

## Queiroz, Jarbas Marcal de

2002. Host plant use among closely related *Anaea* butterfly species (Lepidoptera, Nymphalidae, Charaxinae). *Brazilian Journal of Biology* 62(4A): 657-663, 1 fig., 2 tabs. (30 November) [*A. otrere* (Hübner), *A. ryphea* (Cramer), *A. arginussa* (Geyer); Brazil]

## Queiroz, Joel Araújo

2015. See Meireles, A. C. et al., 2015.

## Queiroz, Juliany-Fátima Noberto de

2015. See Ramos, M. V. et al., 2015.

## Queiroz, Paula Cristina Diniz de

1998. See Carvalho, M. C. et al., 1998.

## Queiroz-Santos, Luziany

2015. See Leviski, G. L. et al., 2015.
- 2016a. See Leviski, G. L. et al., 2016.
- 2016b. See Santos, W. I. G. et al., 2016.

## Queiroz-Santos, Luziany, Fernando Maia Silva Dias, Rafael Dell'Erba, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke

2016. Assessment of the current state of biodiversity data for butterflies and skippers in the state of Mato Grosso, Brazil (Lepidoptera, Papilionoidea and Hesperioidea). *ZooKeys* 595: 147-161, 1 fig. (3 June) [general]

## Quek, Swee-Peck

2011. See Moura, P. A. de et al., 2011.

## Quek, Swee-Peck, Brian A. Counterman, Priscila Albuquerque de Moura, Márcio Zikán Cardoso, Charles R. Marshall, William Owen McMillan and Marcus R. Kronforst

2010. Dissecting comimetic radiations in *Heliconius* reveals divergent histories of convergent butterflies. *Proceedings of the national Academy of Sciences of the United States of America* 107(16): 7365-7370, 3 figs. (20 April) [general; Central and South America]

## Quelch, John Joseph [1854- ]

1891. Occasional notes. *Timehri* (2)5: 168-176. [Brassolinae; host plants; Guyana]

## Quenet, Guillaume

2013. See Triviño, P. M. et al., 2013.

## Querci, Orazio [1875-1967]

1938. Abondance et rarefaction des insectes à Cuba. *Lambillionea* 38(4): 89-92 (25 April) [general]

## Querino, Ranyse Barbosa

- 2010a. See Morales, J. et al., 2010.
- 2010b. See Zucchi, R. A. et al., 2010.
2016. See Souza, A. R. de et al., 2016.

## Querino, Ranyse Barbosa, Jaci Mendes Vieira, Valmir Antonio Costa and Roberto Antonio Zucchi

2017. New species, notes and new records of *Trichogramma* (Hymenoptera: Trichogrammatidae) in Brazil. *Zootaxa* 4232(1): 137-143, 13 figs., 1 tab. (15 February) [*Heracleides astyalus* (Godart), *Urbanus esta* Evans, *Parrhasius polibetes* (Stoll); host plants; parasitoids]

## Querino, Ranyse Barbosa, Nadja Nara Pereira da Silva and Roberto Antonio Zucchi

2016. Natural parasitism by *Trichogramma* spp. in agroecosystems of the Mid-North, Brazil. *Ciência rural* 46(9): 1521-1523, 2 tabs. (September) [*Nyctelius nyctelius nyctelius* (Latreille), *Agraulis vanillae vanillae* (Linnaeus); host plants; parasitoids]

- Querino, Ranyse Barbosa, and Roberto Antonio Zucchi**  
 2002. Intraspecific variation in *Trichogramma brunii* Nagaraja, 1983 (Hymenoptera: Trichogrammatidae) associated with different hosts. *Brazilian Journal of Biology* 62(4A): 665-679, 9 figs., 2 tabs. (30 November) [*Heliconius erato phyllis* (Fabricius), *Hamadryas feronia* (Linnaeus), *Mechanitis lysimnia* (Fabricius); host plants; parasitoids; Brazil]
- 2003a. New species of *Trichogramma* Westwood (Hymenoptera: Trichogrammatidae) associated with lepidopterous eggs in Brazil. *Zootaxa* 163: 1-10, 4 figs. (17 March) [*Mechanitis lysimnia* (Fabricius), *Heliconius erato phyllis* (Fabricius), *Calpodes ethlius* (Stoll); host plants; parasitoids]
- 2003b. Caracterização morfológica de dez espécies de *Trichogramma* (Hymenoptera: Trichogrammatidae) registradas na América do Sul. *Neotropical Entomology* 32(4): 597-613, 12 figs. (October-December) [*Euselasia*, *Hamadryas feronia* (Linnaeus), *Dione junio junio* (Cramer), *Quinta cannae* (Herrich-Schäffer), *Colias dimera* Doubleday, *Colias lesbia* (Fabricius), *Tatochila*; host plants; parasitoids; Brazil, Peru, Colombia, Chile, Argentina]
2007. Do *Trichogramma minutum* Riley and *Trichogramma bennetti* Nagaraja & Nagarkatti (Hymenoptera: Trichogrammatidae) occur in Brazil? *Neotropical Entomology* 36(1): 145-146 (January-February) [*Calpodes ethlius* (Stoll); parasitoid]
2011. *Guia de identificação de Trichogramma para o Brasil*. Brasília, Embrapa Informação Tecnologia. 103 pp., figs. (Ed. 2, 2012) [host plants; parasitoids]
2019. Annotated checklist and illustrated key to the species of *Trichogramma* Westwood (Hymenoptera: Trichogrammatidae) from South America. *Zootaxa* 4656(2): 201-231, 10 pls., 2 figs. (14 August) [general; host plants; parasitoids]
- Querino, Ranyse Barbosa, Roberto Antonio Zucchi and John D. Pinto**  
 2010. *Systematics of the Trichogrammatidae (Hymenoptera: Chalcidoidea) with a focus on the genera attacking Lepidoptera*, pp. 191-218, 10 figs., 3 tabs. In: Cònsoli, F. L., J. R. P. Parra & R. A. Zucchi (Eds.), *Egg parasitoids in agroecosystems with emphasis on Trichogramma*. Dordrecht, Springer (22 September) [general]
- Quesnel, Victor Clement Joseph [1925-2014]**  
 1956. Observations on the life history of the citrus king page. *Journal of the Trinidad Field Naturalists' Club* 1956: 11-15, 1 fig. [*Papilio cresphontes* Cramer; egg, larva, pupa, imago; host plants; predators; behavior; Trinidad]
1970. See López, A. & V. C. J. Quesnel, 1970.
1971. Lepidopteran migrations in 1969. *Journal of the Trinidad Field Naturalists' Club* 1971: 48-51, 1 map [*Phoebis statira* (Cramer); Trinidad]
1973. Malcolm Barcant. Butterflies of Trinidad and Tobago. 1970. *Journal of the Trinidad Field Naturalists' Club* 1973: 91-92. [general; book review]
1980. A field trip to Morne Catherine. *Trinidad Naturalist Magazine* 3(1): 32 (January-February) [*Aeria eurimedia* (Cramer), *Philaethria dido* (Linnaeus), *Heliconius ethillus* Godart, *Metamorphia epaphus* (Latreille); Trinidad]
2003. Abundance and activity patterns in the butterfly genera *Caligo* and *Eryphanis*. *Living World* 2003: 59-60, 1 fig., 1 tab. (October) [Trinidad]
2008. Food and feeding behaviour of the nocturnal Neotropical gecko *Thecadactylus rapicauda* (Houttuyn) in a dwelling house in Trinidad, West Indies. *Living World* 2008: 19-27, 3 figs., 4 tabs. (July) [*Caligo*, *Eryphanis*, Hesperidae; predation]
- Quesnel, Victor Clement Joseph, and David John Stradling**  
 2012. Evidence for the function of the eye-spots in the butterfly genera *Caligo* and *Eryphanis* (Lepidoptera: Nymphalidae: Morphinae: Brassolini). *Living World* 2012: 12-19, 4 figs., 2 tabs. [general; behavior; Trinidad]
- Queste, Lucie M.**  
 2019. See Rosser, N. et al., 2019b.
- Quezada, José Rutilio [1930- ]**  
 1972. Algunas especies de artrópodos y sus enemigos en El Salvador. *Comunicaciones. Instituto de Ciencias naturales y matemáticas. Universidad de El Salvador* (21)(1): 19-28, 7 figs. (March) [*Papilio* spp.; host plants; parasitoids]
1985. El control biológico natural, un recurso para la agricultura. *Ceiba* 26(2): 254-268, 8 figs. (December) [*Pieris*; parasitoids; predators; Honduras]
- Qui-Zapata, Joaquín Alejandro**  
 2017. See García-Mendoza, A. J. et al., 2017.
- Quidet, Pierre [1914-2004]**  
 1996. Don d'une collection de lépidoptères au Muséum d'Histoire Naturelle de Nîmes. *Alexandor* 19(2/3): 159-164, figs. (15 October) [general]
- Quicke, Donald L. J.**  
 2006. See Areekul, B. & D. L. J. Quicke, 2006.
2012. See Smith, M. A. et al., 2012.
- Quinn, Michael A.**  
 2019. See Kantola, T. et al., 2019.
- Quinn, Tim**  
 2006. See Prum, R. O. et al., 2006.
- Quintana, Fernando J.**  
 1968. Ensayos de control químico y microbiológico de la isoca de la alfalfa *Colias lesbia* (F.) (Lep. Pieridae) en cultivos de trébol rojo y alfalfa en Balcarce. *Boletín técnico. Estación experimental agropecuaria Balcarce. INTA* 68: 1-22, 3 figs., tabs. (July) [host plants; Argentina]
- Quintana, Fernando J., and Pedro Garese**  
 1959. Comportamiento de insecticidas contra las "isocas del lino". *Idia* (Buenos Aires) 144: 4-6, 1 tab. (December) [*Colias lesbia* (Fabricius); Argentina]
- Quintanilla, Raúl Héctor [1920-1981]**  
 1946. *Zoología agrícola. (Apuntes de clase, colaboraciones y recopilaciones)*. Buenos Aires, Librería "El Ateneo" Editorial. xxvii + 775 pp., 258 figs. (25 September) [Ed. 2] [general; life histories; host plants; parasitoids; Argentina]
- Quintela, Carlos E.**  
 1986. See Lovejoy, T. E. et al., 1986.
- Quinter, Eric L.**  
 1986. See Johnson, K. D. & E. L. Quinter, 1986.
1987. See Johnson, K. D. et al., 1987.
1998. *Butterflies. American Museum of Natural History. A book of postcards*. San Francisco, Pomegranate Communications, Inc. [4] pp., 30 pls. [general]
- Quintero, Baciliza**  
 2013. See Ramos, B. et al., 2013a.
- Quintero, Héctor Enrique [1951- ]**  
 1989. Population dynamics of the butterfly *Heliconius charitonius* L. in Puerto Rico. *Caribbean Journal of Science* 24 (3/4): 155-160, 1 fig., 4 tabs. (June) [ecology]
- Quintero, Ingrid, Diana Paola Osorio, Ruth Mariela Castillo and Mónica Higuera**  
 2007. *Insectos*, pp. 87-119, 186-218, 286-288, 17 + 10 figs., 7 tabs. In: Villarreal, H. & J. A. Maldonado (Eds.), *Caracterización biológica del Parque Nacional Natural El Tuparro (sector noreste), Vichada, Colombia*. Bogotá, Instituto de Investigación de Recursos Biológicos Alexander von Humboldt. (July) [general]

- Quintero, Jesús, Dayana Moreno and Juliana Otero**  
2014. Identificación de especies promisorias de lepidópteros en la Hacienda el Roble para criadero *in situ*. *Revista Citecsa* (Barrancabermeja) 5(8): 21-44, 4 figs., 3 tabs. (July) [general; host plants; Colombia]
- Quintero, José Manuel Ochoa**  
2017. See Roque, F. de O. et al., 2017.
- Quinteros, Félix**  
2010. See Whaley, O. et al., 2010.
- Quinteros, Ramón, and Ezequiel Osvaldo Núñez**  
2018. Una enorme congregación de *Episcada hymenaea* (Lepidoptera: Nymphalidae: Danainae) en las yungas del norte de Salta, Argentina. *Acta zoológica Lilloana* 62(2): 44-50, 4 figs. (7 December) [behavior]
- Quinteros, Roxana, Lenny Alexandra Paz-Soldán, Carlos F. Pinto and Luis Fernando Aguirre**  
2006a. *Guía de las mariposas del Parque Nacional Tunari*. Cochabamba, Universidad Mayor de San Simón. 138 pp., figs. (July) [general; Bolivia]
- Quinteros, Roxana, Lenny Alexandra Paz-Soldán, Carlos F. Pinto, Luis Fernando Aguirre, Olga Ruiz and Diego Tacachiri**  
2006b. Influencia de actividades antropogénicas sobre comunidades de mariposas en bosques de *Polylepis berteroi* de Cochabamba - Bolivia. *Revista boliviana de Ecología y Conservación ambiental* 20: 43-64, 23 figs., 4 tabs. (December) [also in Feyen, J., L. F. Aguirre & M. Moraes (Eds.), *Memorias. Congreso internacional sobre Desarrollo, Medio Ambiente y Recursos naturales: Sostenibilidad a Múltiples Niveles y Escalas*. Cochabamba, Universidad Mayor de San Simón. 3: 1351-1359, 1 fig., 3 tabs.] [general]
- Quiñones, Winston**  
1991. See Echeverri, L. F. et al., 1991.
- Quiñones-Aguilar, Evangelina Esmeralda**  
2017. See García-Mendoza, A. J. et al., 2017.
- Quiñónez, Brenda**  
2016. See Cárdenas, G. et al., 2016.
- Quirino, Zelma Glebya Maciel**  
2011. See Araújo, L. D. A. de et al., 2011.  
2014. See Araújo, L. D. A. de et al., 2014.  
2015. See Meireles, A. C. et al., 2015.
- Quirino, Zelma Glebya Maciel, and Isabel Cristina Sobreira Machado**  
2001. Biología da polinização e da reprodução de três espécies de *Combretum* Loefl. (Combretaceae). *Revista brasileira de Botânica* (São Paulo) 24(2): 181-193, 7 figs., 4 tabs. ([30] June) [Hesperiidae, Nymphalidae, Papilionidae, Pieridae; Brazil]
- Quiroga, Daniel E.**  
2012a. Protegido para formar la pupa. *Notas y Noticias entomológicas* (Bogotá) 32(2): 43-44, 1 fig. (June) [*Eantis* sp.; Colombia]  
2012b. Comedor follaje. *Notas y Noticias entomológicas* (Bogotá) 32(2): 47-48, 1 fig. (June) [*Caligo* sp.; host plant; Colombia]
- Quiroga, Ricardo René [1955- ]**  
2009a. See Aguilar-Astudillo, E. et al., 2009.  
2009b. See Morales-Morales, C. J. & R. R. Quiroga, 2009.
- Quiroga, Ricardo René, Eduardo Aguilar-Astudillo, Carlos Joaquín Morales-Morales, María de los Ángeles Rosales-Esquinca and Gilberto Gil**  
2010. *Guía ilustrada de insectos y arañas asociados al piñón* (*Jatropha curcas* L.) en Chiapas, México, con énfasis en la Depresión Central. Tuxtla Gutiérrez, Universidad Autónoma de Chiapas. 143 pp., figs. [general; Host plants; Mexico]
- Quiroz, José Hiram**  
2015. See Nájera, S. et al., 2015.
- Quiroz, Luis N., and Fernando Hernández-Baz**  
1992. Depredación de *Phymata fasciata mexicana* Melin (Hemiptera: Phymatidae) sobre *Anartia fatima* Fabr. (Lepidoptera: Nymphalidae) en la región de "Los Tuxtlas", Veracruz, México. *Boletín de la Sociedad mexicana de Lepidopterología (Nueva Serie)* 2: 17-18 (November)
- Quiroz, Mildred**  
2013. See Polo, J. et al., 2013.

# R

"R. L." See Reichenbach, H. G. L.

**Rabosky, Alison R. Davis**

2017. See Holmes, I. A. et al., 2017.

**Raby, Richard**

- 1984. Recent data on some localised Trinidad butterflies. *Living World* 1983-1984: 43-44. [general; life histories]
- 1987. Exotic butterflies: Early stages from South America. *Newsletter. Exotic Entomology Group. Amateur Entomologists Society* 1987(Winter): [11]-[12], 4 figs. [*Prepona*, *Anaea*, *Adelpha*]
- 2018. See Almeida, G. de S. S. de et al., 2018.

**Racheli, Luigi**

- 1995. See Racheli, T. & L. Racheli, 1995.
- 1996a. See Racheli, T. & L. Racheli, 1996a.
- 1996b. See Racheli, T. & L. Racheli, 1996b.
- 1997. See Racheli, T. & L. Racheli, 1997.
- 1998a. See Racheli, T. & L. Racheli, 1998a.
- 1998b. See Racheli, T. & L. Racheli, 1998b.
- 2001. See Racheli, T. & L. Racheli, 2001.
- 2003a. See Racheli, T. & L. Racheli, 2003a.
- 2003b. See Racheli, T. & L. Racheli, 2003b.
- 2004. The nightmare of the combination: comments on matrix representation with parsimony and its first application in biogeography. *Cladistics* 20(2): 208-211 (April) [general; South America]
- 2008. See Fiedler, K. et al., 2008.
- 2017. See Racheli, T. et al., 2017.

**Racheli, Luigi, Maurizio Bollino and Tommaso Racheli**

- 2012. A new taxon of the *Pterourus zagreus* species-group from Eastern Andes (Lepidoptera: Papilionidae). *Notes on Butterflies* (Keltern) 6: 1-4, 6 figs. (15 May) [*P. z. shuar*, Colombia, Ecuador]

**Racheli, Luigi, and Tommaso Racheli**

- 2004. Patterns of Amazonian area relationships based on raw distributions of papilionid butterflies (Lepidoptera: Papilioninae). *Biological Journal of the Linnean Society* 82(3): 345-357, 1 fig., 1 tab. (July) [general; biogeography]
- 2011. A new subspecies of *Pterourus ascolius* from north-eastern Costa Rica (Lepidoptera: Papilionidae). *Notes on Butterflies* (Keltern) 5: 2-4, 8 figs. (8 August) [*P. a. sarapiqui*]

**Racheli, Tommaso** [1941- ]

- 1986. See Pischedda, M. & T. Racheli, 1986.
- 1987a. A new subspecies of *Parides anchises* (Linnaeus, 1758) from Chanchamayo Refuge, eastern Peru (Lepidoptera: Papilionidae). *Atalanta* 18(1/2): 117-120, 4 + 1 figs. (August) [*P. a. marinae*]
- 1987b. See Pischedda, M. & T. Racheli, 1987.
- 1988. Taxonomic and nomenclatorial notes on *Parides aeneas* (Linnaeus, 1758) with description of three new subspecies from Peru (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 20(2): 143-154, 7 figs. (30 September) [*P. a. tucha*, *P. a. huallaga*, *P. a. lamasí*]
- 1989. On a new subspecies of *Parides anchises* from the Huallaga region, Peru (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 21(2): 137-144, 7 figs. (30 October) [*P. a. koenigi*]
- 1990a. Eco-ethological notes on *Battus streckerianus* (Honrath, 1884) and the *Battus polydamas* species-

group (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 22(1): 27-37, 7 figs. (15 September)

- 1990b. Charles A. Bridges. 1988. Catalogue of Papilionidae & Pieridae (Lepidoptera: Rhopalocera). *Fragmenta entomologica* (Roma) 22(1): 229 (15 September) [book review]
- 1991a. Notes on Venezuelan *Parides* with description of new subspecies (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 23(1): 45-52, 8 figs. (10 September) [*P. erlaces keithi*, *P. panares tachira*]
- 1991b. On the nomenclatorial status of *Papilio panares* Gray, [1853] (Lepidoptera: Papilionidae). *Atalanta* 22(2/4): 81-83, pl. 19 (December)
- 1992. Distributional and taxonomic notes on *Parides phosphorus* (Bates, 1861) (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 23(2): 287-297, 9 figs. (30 April) [new subspecies: *P. p. vavi*; South America]
- 1994. Hamilton Tyler, Keith S. Brown Jr., Kent Wilson. 1994. Swallowtail butterflies of the Americas. *Fragmenta entomologica* 26(1): 223 (30 December) [general; book review]
- 1995. An annotated check-list of Venezuelan Papilionidae (Lepidoptera). *Lambillionea* 95(1)(1): 70-80, 1 map (March), (2)(2): 261-268, fig. 2 (June) [general]
- 1996. An annotated checklist of Ecuadorian Pieridae (Lepidoptera, Pieridae). *Atalanta* 27(3/4): 545-580 (December) [general]
- 1998. See Eitschberger, U. & T. Racheli, 1998.
- 2004. See Racheli, L. & T. Racheli, 2004.
- 2006. *The genus Parides: An unended quest*. In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World. Supplement 13*. Keltern, Goecke & Evers. 116 pp., 82 figs., 7 tabs. (15 December) [general; taxonomy, distribution; Neotropics]
- 2011. See Racheli, L. & T. Racheli, 2011.
- 2012. See Racheli, L. et al., 2012.
- 2019. An updated list to the butterflies of Hispaniola, with notes on the classification of *Calisto* Hübner, 1823 (Lepidoptera, Hesperioidea, Papilionoidea). *Neue entomologische Nachrichten* 76: 1-134, 102 figs., 5 tabs., 2 maps (March) [general; Haiti, Dominican Republic]

**Racheli, Tommaso, Maurizio Bollino and Giovanni Sala**

- 1990. An elusive *Eurytides* from Venezuela (Lepidoptera: Papilionidae). *Atalanta* 21(1/2): 87-91, 3 figs. (October) [*E. diioxippus* new subspecies *marae*]

**Racheli, Tommaso, and F. Bruno**

- 1989. *Luce ed evoluzione. Guide alle farfalle. Mostra di lepidotteri all'Orto Botanico di Roma*. Roma, Università degli Studi di Roma "La Sapienza". 40 pp., figs. (May) [general]

**Racheli, Tommaso, and Mario Clinton Callegari**

- 1988. Notes on the life history of *Parides neophilus* (Geyer, 1837) in Peru (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 21(1): 67-74, 6 figs., 1 tab. (30 December) [egg, larva, pupa, imago; host plant; behavior]

**Racheli, Tommaso, and Edwin Möhn**

- 2001. A new taxon of *Parides erithalion*-complex from

- Apurímac, South Peru (Lepidoptera, Papilionidae). *Notes on Papilionidae* 1: 11-12, pls. 6-8 (19 September) [*P. e. blanca*]
- Racheli, Tommaso, and Marco Oliverio**  
1993. Biogeographical patterns of the neotropical genus *Battus* Scopoli 1777 (Lepidoptera Papilionidae). *Tropical Zoology* 6(1): 55-65, 3 figs., 3 tabs. (May) [general]
- Racheli, Tommaso, and Luca Olmisani**  
1998. A cladistic analysis of the genus *Parides* Hübner, [1819], based on androconial structures (Lepidoptera: Papilionidae). *Neue entomologische Nachrichten* 41: 119-131, 9 figs., 3 tabs. (November) [general]
- Racheli, Tommaso, and Lorraine Pariset**  
1992. Il genere *Battus*. Tassonomia e storia naturale (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 23(supplemento): 1-163, 27 pls., 38 figs., 4 tabs. (30 June) [host plants; biogeography; morphology; behavior; cladistics]  
1993. An annotated check-list of Ecuadorian Papilionidae (Lepidoptera, Papilionidae). *Atalanta* 23(3/4): 423-447, 1 map (18 January) [general]
- Racheli, Tommaso, and Marina Pischedda**  
1987a. A new subspecies of *Papilio zagreus* Doubleday, 1847 from Venezuela (Lep. Papilionidae). *Atalanta* 18(1/2): 97-106, 5 figs. (August) [*P. z. motilones*]  
1987b. The hitherto unknown male of *Parides klagesi* (Ehrmann, 1904) (Lepidoptera: Papilionidae). *Atalanta* 18(1/2): 113-116, 2 + 1 figs. (August) [Venezuela]  
1987c. A new subspecies of *Battus polydamas* (Linnaeus, 1758) from Peru (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 19(2): 311-321, 17 figs. (15 October) [*B. p. atahualpa*]
- Racheli, Tommaso, and Luigi Racheli**  
1995. Two new subspecies of *Heraclides isidorus* (Doubleday, 1846) (Lepidoptera: Papilionidae). *Lambillionea* 95(4)(2): 620-624, 3 figs. (December) [*H. i. tingo*, *H. i. autana*; Peru, Brazil]  
1996a. Notes on *Parides erithalion* and description of a new subspecies from Peru (Lepidoptera: Papilionidae). *Lambillionea* 96(centenaire): 59-62, 2 figs. (February) [*P. e. callegarii*]  
1996b. A new subspecies of *Pterourus zagreus* Doubleday, 1847 from western Amazonia (Lepidoptera: Papilionidae). *Lambillionea* 96(4)(2): 699-702, 1 fig. (December) [*P. z. batesi*; Peru, Brazil]  
1997. An annotated checklist of Ecuadorian Nymphalidae, Part I: Heliconiinae (Lepidoptera). *Nachrichten des entomologischen Vereins Apollo* (Neue Folge) 18(2/3): 231-260, 1 fig. (22 October) [general; distribution]  
1998a. Lepidoptera diversity of an Ecuadorian lowland rain forest (Lepidoptera: Papilionidae, Pieridae, Nymphalidae, Saturniidae, Sphingidae). *Neue entomologische Nachrichten* 41: 95-117, 2 figs., 3 tabs. (November) [general]  
1998b. New subspecies of ithomiids from Venezuela (Lepidoptera: Nymphalidae). *Neue entomologische Nachrichten* 41: 133-136, 6 figs. (November) [*Hypothyris fluonia baiochii*, *Napeogenes stella browni*, *Hyaliris* [sic] *excelsa tachira*]  
2001. An annotated list of Ecuadorian butterflies (Lepidoptera: Papilionidae, Pieridae, Nymphalidae). *Fragmenta entomologica* 33(2): 213-380, 2 figs., 1 tab. (29 December) [general]  
2003a. Areas of endemism, refugia, and the Ecuadorian Ithomiinae (Lepidoptera: Nymphalidae): A point of view. *Entomologische Zeitschrift* 113(7): 220-222 (16 July) [general; biogeography]
- 2003b. An annotated check list of Ecuadorian Nymphalidae. Part II. Libytheinae, Danaeinae, Ithomiinae. *Fragmenta entomologica* 35(2): 139-274, 76 figs. (31 December) [general; new taxa: *Ollantaya baizana munaycha*, *Pteronymia ortizi*, *P. pronuba sumaq*, *P. zerlina machay*, *P. veia tungurahua*, *P. v. pomacocha*, *Hypomenitis polissena tika*; Colombia, Peru]
- Racheli, Tommaso, and Valerio Sbordoni**  
1975. A new species of *Papilio* from Mexico (Lepidoptera, Papilionidae). *Fragmenta entomologica* (Roma) 11(2): 175-183, 14 figs. (10 April) [general; *P. diazi*]
- Racheli, Tommaso, Emilio Stefanelli and Luigi Racheli**  
2017. Parsimony analysis of butterflies communities in the Dominican Republic: assessing relationships among butterflies assemblages (Lepidoptera: Papilionoidea). *Shilap* 45(180): 533-549, 4 figs., 3 tabs. (30 December) [general]
- Radaelli, Dauro Corrêa**  
1948. Pragas das hortas. *Boletim. Secretaria de Estado dos Negocios da Agricultura, Indústria e Comércio* (Pôrto Alegre) (C) 131: 1-24, 11 figs. [*Tatochila autodice* (Hübner); *Pieris monuste* (Linnaeus); Brazil]
- Radford, James T.**  
2018. See Willmott, K. R. et al., 2018.
- Radford, James T., and Keith Richard Willmott**  
2013. A distinctive new subspecies of *Catasticta poujadei* from the Cordillera del Cóndor in Eastern Ecuador (Lepidoptera: Pieridae: Pierinae). *Tropical Lepidoptera Research* 23(2): 86-91, 4 figs., 1 tab. (1 December) [*C. p. condor*; Colombia, Peru]
- Radigan, William**  
1976. See Ghiradella, H. T. & W. Radigan, 1976.
- Radke, Celia D.**  
1994. Monarch butterflies: Their endangered migration. *Cornell Plantations* 49(2): 3-6, 2 figs. [*Danaus plexippus* (Linnaeus); Mexico]
- Rafael, José Albertino** [1955- ]  
2008. See Lourido, G. M. et al., 2008.  
2012. See Casagrande, M. M. et al., 2012.
- Rafael, José Albertino, Norman Dale Penny and Ana Yoshi Harada**  
[1984]. Relação dos tipos de invertebrados depositados na Coleção de Entomologia Sistemática do INPA-Manaus, até dezembro de 1982. *Acta amazonica* (Manaus) 13(5/6): 911-926 ("1983", [1984]) [*Hypothyris daphnis amapaensis* Brown, *Tithorea harmonia gilberti* Brown]
- Raffles, Hugh**  
2002. *In Amazonia. A natural history*. Princeton, Princeton University Press. xv + 302 pp., figs. [general; Brazil; history; sociology; ethnology]
- Rafinesque, Constantin Samuel** [1783-1840]  
1815. *Analyse de la Nature ou tableau de l'Univers et des Corps organisés*. Palermo, Author. 224 pp. ([before 21 July]) [general; new genera: *Maniola*, *Alcionea*]
- Raga, A.**  
2002. See Gould, W. P. & A. Raga, 2002.
- Ragazzo-Sánchez, Juan Arturo**  
2017. See García-Mendoza, A. J. et al., 2017.
- Ragoonansingh, R.**  
1992. See Martínez, R. & R. Ragoonansingh, 1992.
- Ragués, Pedro Valdés** [= Valdés-Ragués, Pedro, q.v.]
- Raguso, Robert A., and Oliver Gloster**  
1996. Preliminary checklist and field observations of the butterflies of the Maquipucuna Field Station (Pichincha



- Province, Ecuador). *Journal of Research on the Lepidoptera* 32: 135-161, 4 figs., 4 tabs. (1 May) [general]
- Raguso, Robert A., and Jorge Enrique Llorente**  
1991. The butterflies (Lepidoptera) of the Tuxtlas Mts., Veracruz, Mexico, revisited: Species-richness and habitat disturbance. *Journal of Research on the Lepidoptera* 29(1/2): 105-133, 4 figs., 2 tabs. (31 December) [general]
1997. *Papilionoidea*, pp. 257-291, 7 tabs. In: González, E., R. Dirzo & R.C. Vogt (Eds.), *Historia Natural de Los Tuxtlas*. México, Universidad Nacional Autónoma de México (January) [general; Mexico]
- Rahier, Martine**  
2004. See Gallusser, S. et al., 2004.
- Rai, B. K.**  
1973. *Brassolis sophorae* and *Castnia daedalus*: Chemical control of these major pests of coconut in Guyana. *Journal of economic Entomology* 66(1): 177-180, 6 tabs. (February)
1977. Damage to coconut palms by *Azteca* sp. (Hymenoptera: Formicidae) and insecticidal control with bait, in Guyana. *Bulletin of entomological Research* 67(1): 175-183, 1 fig., 4 tabs. ("March", [12 April]) [*Brassolis sophorae* (Linnaeus); host plant]
- Raigosa, Juan**  
1972. See Cárdenas, R. & J. Raigosa, 1972.  
1973. See Cárdenas, R. & J. Raigosa, 1973.
- Raimundo, Rafael Luís Galdini**  
2006. See Almeida, A. M. de et al., 2006.
- Raimundo, Rafael Luís Galdini, André Victor Lucci Freitas, Raimundo Nonato Souza Costa, João Batista Ferreira de Oliveira, Antonio Ferreira Lima, Antonio Barbosa de Melo and Keith Spalding Brown, Jr.**  
2003. Manual de monitoramento ambiental usando borboletas e libélulas. Reserva extrativista do Alto Juruá. Marechal Thaumaturgo, Acre. *Série Pesquisa e Monitoramento participativo em Areas de Conservação Gerenciada por Populações tradicionais* (Campinas) 1: 1-36, 12 pls., figs., 1 map [general; conservation; Brazil]
- Raineri, Valter, and Paola Carnevale**  
1998. Le specie del genere *Colias* della collezione Bari conservate nel Museo Civico di Storia Naturale "G. Doria" di Genova (Lepidoptera Pieridae). *Annali del Museo civico di Storia naturale "Giacomo Doria"* 92: 247-271, 1 fig. ("December", [5 May]) [general]
- Rait-Smith, William** [1875-1958]  
1947. Sale of the Page and other collections. *Entomologist* 80(1012): 222-223 ([12] September) [general; Neotropics]
- Rake, Beaven Neave** [1858-1894]  
1894. Notes on the study of butterflies. *Proceedings of the Victoria Institute of Trinidad* (Port-of-Spain) 1: 40-52 ([before July]) [general; behavior; mimicry; Trinidad]
- Ramalho, Francisco de Souza**  
2009. See Zanuncio, J. C. et al., 2009.  
2012. See Leite, G. L. D. et al., 2012.  
2013. See Zanuncio, J. C. et al., 2013.
- Ramcharan, Eugene K.**  
1979. See Bacon, P. R. et al., 1979.
- Ramírez, Alberto Jesús**  
2009. See Pescador, A. et al., 2009.  
2011. See Pescador, A. et al., 2011.  
2013. See Stanford-Camargo, S. G. et al., 2013.
- Ramírez, Caridad**  
2002. *El museo zoológico de Juan Cristóbal Gundlach en Cárdenas*, pp. 137-150, 9 figs. In: Dathe, W. & R. M. González (Eds.), *Johann Christoph Gundlach (1810-1896). Un naturalista en Cuba. Naturforscher auf Kuba*. Marburg an der Lahn, Basiliskus Presse. [general; Cuba]
- Ramírez, César**  
2010. See Gallusser, S. et al., 2010.  
2014. See Blandin, P. et al., 2014b.
- Ramírez, César, Stéphanie Gallusser, Gilbert Lachaume and Patrick Blandin**  
2014. The ecology and life cycle of the Amazonian *Morpho cisseis phanodemus* Hewitson, 1869, with a comparative review of early stages in the genus *Morpho* (Lepidoptera: Nymphalidae: Morphinae). *Tropical Lepidoptera Research* 24(2): 67-80, 16 figs., 4 tabs. (20 December) [general; eggs, larva, pupae; host plants; Neotropics]
- Ramírez, Eduardo**  
2010. See Barrios, Y. et al., 2010.
- Ramírez, Eduardo Jair**  
2014. See Pozos, L. F. et al., 2014.
- Ramírez, Fabián David**  
2013. See Mejía, M. de L. et al., 2013.
- Ramírez, Jaime**  
2012. *Diccionario entomológico venezolano*. Caracas, Instituto Venezolano de Investigaciones Científicas. 350 pp., 60 figs. (June) [general]
- Ramírez, José Alejandro**  
2015. See Basset, Y. et al., 2015.  
2017. See Basset, Y. et al., 2017.
- Ramírez, Juan José** [1976- ]  
2001. See Delgado, C. et al., 2001.  
2003. See Lamas, G. et al., 2003.  
2004. See Lamas, G. et al., 2004.  
2017a. See Vásquez, J. et al., 2017a.  
2017b. See Vásquez, J. et al., 2017b.  
2017c. See Vásquez, J. et al., 2017c.  
[2018]. See Vásquez, J. et al., [2018].
- Ramírez, Lorena**  
2014. See Giraldo, C. E. et al., 2014.  
2015. See MacGregor, I. et al., 2015.
- Ramírez, Lorena, Patricia Chacón and Luis Miguel Constantino**  
2007. Diversidad de mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) en Santiago de Cali, Valle del Cauca, Colombia. *Revista colombiana de Entomología* 33(1): 54-63, 3 figs., 5 tabs. (June) [general]
- Ramírez, Lorena, Carlos Andrés Cultid and Ian MacGregor**  
2015. How many butterflies are there in a city of circa half a million people? *Sustainability* 7(7): 8587-8597, 3 figs., 1 tab. (published online 2 July) [general; Mexico]
- Ramírez, Lorena, and Gonzalo Halffter**  
2013. Butterfly diversity in a regional urbanization mosaic in two Mexican cities. *Landscape and urban Planning* 115: 39-48, 4 figs., 7 tabs. (July; published online 19 April) [general; ecology]
- Ramírez, Lorena, Sandy Koi, and Ian MacGregor**  
2017. Tales of urban conservation: *Eumaeus* butterflies and their threatened cycad hostplants. *Urban Ecosystems* 20(2): 375-378, 2 figs. (April; published online 27 September 2016) [*E. childrenae* (Gray); Mexico]
- Ramírez, Lorena, and Ian MacGregor**  
2017. Butterflies in the city: a review of urban diurnal Lepidoptera. *Urban Ecosystems* 20(1): 171-182, 1 fig.,

- 3 tabs. (February; published online 11 July 2016) [general; Neotropics]
- Ramírez, Luis A., Luis E. García, Cesáreo Rodríguez, Helda E. Morales and Adriana E. Castro**
2001. Evaluación del efecto insecticida de extractos de plantas sobre *Leptophobia aripa elodia*. *Manejo integrado de Plagas y Agroecología* 60: 50-56, 2 tabs. (June) [host plant; Mexico]
- Ramírez, Luis A., Didier Largo and Cesar Rodríguez**
1997. Rhopaloceros de un relicto secundario urbano. *Resúmenes. XXIV Congreso. Sociedad colombiana de Entomología*, p. 75 [general; Colombia]
- Ramírez, Manuel**
2006. See Kapan, D. D. et al., 2006.
- Ramírez, María Isabel**
2007. See Slayback, D. A. et al., 2007.
2008. See Brower, L. P. et al., 2008.
2009. See Brower, L. P. et al., 2009.
- 2011a. See Brower L. P. et al., 2011.
- 2011b. See Navarrete-Heredia, J. L. et al., 2011.
- 2011c. See Honey-Rosés, J. et al., 2011.
2012. See Brower L. P. et al., 2012a.
- 2015a. See Brower, L. P. et al., 2015.
- 2015b. See Martínez-Torres, H. et al., 2015.
2016. See Brower L. P. et al., 2016.
- 2017a. See Flockhart, D. T. T. et al., 2017.
- 2017b. See Brower, L. P. et al., 2017.
2019. See Saunders, S. P. et al., 2019.
- Ramírez, María Isabel, Joaquín G. Azcárate and Laura Luna**
2003. Effects of human activities on monarch butterfly habitat in protected mountain forests, Mexico. *Forestry Chronicle* 79(2): 242-246, 2 figs., 2 tabs. (April) [*Danaus plexippus* (Linnaeus); conservation]
- Ramírez, María Isabel, Cuauhtémoc Sáenz, Gerald E. Rehfeld and Lidia Salas**
2015. Threats to the availability of overwintering habitat in the Monarch Butterfly Biosphere Reserve. *Land use and climate change*, pp. 157-168, 5 figs., 2 tabs. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Ramírez, Mariana**
- 2016a. See Pfeiler, E. J. et al., 2016a.
- 2016b. See Pfeiler, E. J. et al., 2016b.
2017. See Pfeiler, E. J. et al., 2017.
2018. See Pfeiler, E. J. et al., 2018.
- Ramírez, Nelson Luis [1952- ]**
1989. Biología de polinización en una comunidad arbustiva tropical de la Alta Guayana venezolana. *Biotropica* 21(4): 319-330, 3 figs., 2 tabs. (December) [Hesperiidae, *Calycopis*]
1990. See Hokche, O. & N. L. Ramírez, 1990.
1992. Especificidad de los sistemas de polinización en una comunidad arbustiva de la Guayana venezolana. *Ecotrópicos* 5(1): 1-19, 4 figs., 4 tabs. [general]
1995. See Seres, A. & N. L. Ramírez, 1995.
1999. See Grases, C. & N. L. Ramírez, 1999.
2003. See Lemus-Jiménez, L. J. & N. L. Ramírez, 2003.
2004. Pollination specialization and time of pollination on a tropical Venezuelan plain: variations in time and space. *Botanical Journal of the Linnean Society* 145(1): 1-16, 4 figs., 8 tabs. (13 May) [general]
2007. Biología reproductiva de *Amasonia campestris* (Aubl.)Moldenke (Verbenaceae) en los llanos centrales de Venezuela. *Acta botánica venezolana* 30(1): 385-414, 7 figs., 3 tabs. [*Aphrissa statira* (Cramer), *Phoebis argante* (Linnaeus), *P. philea* (Linnaeus), *P. sennae* (Linnaeus); pollination]
2010. See Barrios, Y. et al., 2010.
- Ramírez, Nelson Luis, and Ysalyen Brito**
- [1993]. Pollination biology in a palm swamp community in the Venezuelan central plains. *Botanical Journal of the Linnean Society* 110(4): 277-302, 4 tabs. ("December 1992", [5 February 1993]) [general]
- Ramírez, Nelson Luis, and Anna Traveset**
2010. Predispersal seed-predation by insects in the Venezuelan Central Plain: Overall patterns and traits that influence its biology and taxonomic groups. *Perspectives in Plant Ecology, Evolution and Systematics* 12(3): 193-209, 8 figs., 6 + 2 tabs. (20 August; published online 14 May) [Lycaenidae]
- Ramírez, Oliva, and Robert Wallace Jones**
2016. Insectos polinizadores en ambientes urbanos: Perspectivas de su estudio en México. *Entomología mexicana* 3: 183-190, 2 figs. (July) [general]
2017. Lepidópteros diurnos de áreas verdes urbanas de Querétaro, México. *Entomología mexicana* 4: 503-508, 3 figs., 1 tab. (July) [general]
- Ramírez, Patricia A.**
2014. See González, A. V. et al., 2014.
- Ramírez, Rafael**
2008. See Salas, M. D. et al., 2008.
2011. See Salas, M. D. et al., 2011.
- Ramírez, Raúl Armando**
1999. See Domínguez, O. E. et al., 1999.
2006. See Domínguez, O. E. et al., 2006.
- Ramírez, Raúl Armando, Oscar Enrique Domínguez, María Esther Burgos and Eleodoro Andrés Inciarte**
2008. *Caligo memnon*, lepidóptero defoliador del plátano y sus enemigos naturales en el Estado Zulia, Venezuela. *Boletín del Centro de Investigaciones biológicas. Universidad del Zulia* 42(3): 407-414, 1 tab. (September) [host plant; parasitoids]
- Ramírez, Raúl Armando, Oscar Enrique Domínguez, Omar Liscano, M. Vílchez and R. Urdaneta**
1999. Importancia de *Antichloris viridis* Druce como lepidóptero defoliador del plátano (*Musa AAB* cv. Hartón) en la zona sur del Lago de Maracaibo, Venezuela. *Revista de la Facultad de Agronomía (Maracaibo)* 16(supl. 1): 88-94, 2 tabs. [*Opsiphanes tamarindi* Felder & Felder, *Caligo memnon* (Felder & Felder); host plant]
- Ramírez, Román**
1898. *Orden: Lepidópteros*, pp. 118-135. In: *Zoología agrícola mexicana. Con multitud de figuras y un Apéndice que contiene los conocimientos relativos a la manera de combatir la plaga de los insectos y un formulario medicinal*. México, Secretaría de Fomento [general; host plants]
- Ramírez, Salvador**
2014. See Bolaños, S. I. et al., 2014.
- Ramírez, Wilson Ariel**
- [2004]. See Díazgranados, M. et al., [2004].
- Ramírez-Fischer, Francisco José, Dubi Benyamini and Héctor Andrés Vargas**
2016. An endangered hemiparasitic shrub is the only host plant of the little-known Neotropical hairstreak *Strymon flavaria* (Lepidoptera: Lycaenidae) in the arid Andes. *Journal of Insect Conservation* 20(5): 923-928, 14 figs. (October; published online 23 September) [egg, larva,

- pupa, imago; behavior; Chile]
- Ramírez-Morales, María del Carmen**  
2017. See Figueroa-Castro, D. M. et al., 2017.
- Ramírez-Sánchez, Antonio**  
2013. See Pacheco-Flores, C. et al., 2013.
- Ramírez-Santoyo, Felipe**  
2019. See León-Galván, G. del C. et al., 2019.
- Ramjohn, Carol L.**  
2004. See Lucas, F. B. et al., 2004.
- Ramjohn, Ian A.**  
2004. See Lucas, F. B. et al., 2004.
- Ramjohn, Karl**  
2004. See Lucas, F. B. et al., 2004.
- Ramos, Beverly, Baciliza Quintero, Julieta Ramos, José Manuel Pino, Sergio C. Ángeles, Águeda García and Verónica Daniela Barrera**  
2013a. Análisis químico y nutricional de tres insectos comestibles de interés comercial en la zona arqueológica del Municipio de San Juan Teotihuacán y en Otumba, en el Estado de México. *Interciencia* 37(12): 914-920, 1 fig., 5 tabs. ("December 2012"; after 10 January 2013) [*Aegiale hesperiaris* (Walker)]
- Ramos, Beverly, Julieta Ramos, José Manuel Pino, Sergio C. Ángeles and Águeda García**  
2013b. *Insectos comestibles: Gastronomía y turismo en la zona arqueológica de San Juan Teotihuacán Estado de México*, pp. 563-569. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [*Aegiale hesperiaris* (Walker)]
- Ramos, Bruna de Cássia Menezes, Miguel Ángel Rodríguez-Gironés and Daniela Rodrigues**  
2017. Learning in two butterfly species when using flowers of the tropical milkweed *Asclepias curassavica*: No benefits for pollination. *American Journal of Botany* 104(8): 1168-1178, 5 figs., 4 tabs. (published online 8 August) [*Danaus erippus* (Cramer), *Heliconius erato* (Linnaeus); Brazil]
- Ramos, Bruna de Cássia Menezes, José Roberto Trigo and Daniela Rodrigues**  
2019. The specialization continuum: Decision-making in butterflies with different diet requirements. *Behavioural Processes* 165: 14-22, 2 figs., 4 tabs. (August; published online 6 June) [*Danaus erippus* (Cramer), *D. gilippus* (Cramer), *Agraulis vanillae* (Linnaeus); host plants; Brazil]
- Ramos, Clécio Souza**  
2008. See Vanin, S. A. et al., 2008.
- Ramos, Clécio Souza, Queila Patrícia da Silva Barbosa and Sérgio Antônio Vanin**  
2014. Metabolism of safrole by *Heraclides thoas brasiliensis* (Papilionidae). *Journal of the Lepidopterists' Society* 68(4): 283-285, 3 figs. (21 November) [host plant; Brazil]
- Ramos, Clécio Souza, Luciano de Jesus Souza, Massuo Jorge Kato and Ronan Batista**  
2012. Biotransformation of 4-nerolidylcatechol by *Heraclides brasiliensis* (Lepidoptera: Papilionidae) reduces the toxicity of *Piper umbellata* (Piperaceae). *Chemoecology* 22(1): 39-45, 2 figs., 2 tabs. (March; published online 24 November 2011) [host plant; Brazil]
- Ramos, Edgar**  
2018. See Núñez, H. et al., 2018.
- Ramos, Flávio Nunes**  
2014. See Brito, M. M. et al., 2014.
- Ramos, Frederico Araújo**  
2000. Nymphalid butterfly communities in an amazonian forest fragment. *Journal of Research on the Lepidoptera* 35: 29-41, 1 fig., 1 tab. (15 March) [general; Brazil]
- Ramos, José Andrés [1915-1989]**  
1946. The insects of Mona Island (West Indies). *Journal of Agriculture of the University of Puerto Rico* 30(1): 1-74, 2 pls. (January) [general; host plants]
- Ramos, Julieta [1940- ]**  
1982. *Los insectos como fuentes de proteínas en el futuro*. México, Editorial Limusa. 144 pp., 50 figs., tabs. (18 January) [general]
1995. See Ladrón de Guevara, O. et al., 1995.  
2004. *La etnoentomología en la alimentación, la medicina y el reciclaje*, pp. 329-413, 24 figs., 38 tabs. In: Llorente, J. E., J. J. Morrone, O. Yáñez & I. Vargas (Eds.), *Biodiversidad, Taxonomía y Biogeografía de Artropodos de México: Hacia una síntesis de su conocimiento. Volumen IV*. México, Universidad Nacional Autónoma de México. (July) [general; Neotropics]
2005. *Insects: A hopeful food source*, pp. 263-291, 2 figs., 11 tabs. In: Paoletti, M. G. (Ed.), *Ecological implications of minilivestock. Potential of insects, rodents, frogs and snails*. Enfield, Science Publishers, Inc. [general; Neotropics]
- 2006a. Threatened edible insects in Hidalgo, Mexico and some measures to preserve them. *Journal of Ethnobiology and Ethnomedicine* 2(51): 1-10, 4 figs., 2 tabs. (4 December) [*Aegiale hesperiaris* (Walker)]
- 2006b. See Pino, J. M. et al., 2006.  
2012. See Juárez, A. J. A. et al., 2012.  
2013a. See Ramos, B. et al., 2013a.  
2013b. See Ramos, B. et al., 2013b.
- Ramos, Julieta, and Héctor Bourges**  
1979. Valor nutritivo de ciertos insectos comestibles de México y lista de algunos insectos comestibles del mundo. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 48(1): 165-186, 13 tabs. (30 March) [*Aegiale (Acentrocne) hesperiaris* (Walker)]
- Ramos, Julieta, Eraldo Medeiros Costa-Neto, José Manuel Pino, María del Socorro Cuevas, Javier García-Figueroa and Dulce H. Zetina**  
2007. Conocimiento de la entomofauna útil en el poblado La Purísima Palmar de Bravo, Estado de Puebla, México. *Biotemas* (Florianópolis) 20(2): 121-134, 4 tabs. (June) [*Aegiale hesperiaris* (Walker); host plant]
- Ramos, Julieta, and José Manuel Pino**  
1981. Insectos comestibles del valle del Mezquital y su valor nutritivo. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 50(1): 563-574, 4 tabs. (12 June) [*Aegiale hesperiaris* (Walker), *Eucheira socialis* Westwood; Mexico]
1988. The utilization of insects in the empirical medicine of ancient Mexicans. *Journal of Ethnobiology* 8(2): 195-202. [*Aegiale hesperiaris* (Walker)]
1990. Contenido calórico de algunos insectos comestibles de México. *Revista de la Sociedad química de México* 34(2): 56-68, 6 tabs. (March-April) [*Aegiale hesperiaris* (Walker), *Eucheira socialis* Westwood, *Catacticta teutila* (Doubleday), *Danaus plexippus* (Linnaeus)]
- 2001a. Contenido de vitaminas de algunos insectos comestibles de México. *Revista de la Sociedad*

- química de México 45(2): 66-76, 6 tabs. (June) [Aegiale (*Acentrocne*) *hesperiaris* (Walker)]
- 2001b. Insectos comestibles de Hidalgo, México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 72(1): 43-84, 1 fig., 5 tabs. (20 July) [general]
- Ramos, Julieta, José Manuel Pino and Mariángela Conconi**  
2006. Ausencia de una reglamentación y normalización de la explotación y comercialización de insectos comestibles en México. *Folia entomologica mexicana* 45(3): 291-318, 2 tabs. (December) [Aegiale *hesperiaris* (Walker); host plant]
- Ramos, Julieta, José Manuel Pino and María del Socorro Cuevas**  
1998. Insectos comestibles del Estado de México y determinación de su valor nutritivo. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 69(1): 65-104, 5 tabs. (June) [general; Mexico]
- Ramos, Julieta, José Manuel Pino and Ofelia González**  
1981. Digestibilidad in vitro de algunos insectos comestibles de México. *Folia entomologica mexicana* 49: 141-154, 5 tabs. (November) [*Eucheira socialis* Westwood]
- Ramos, Julieta, José Manuel Pino, Adolfo Ibarra, Ivonne Landero, Héctor Oliva and Víctor Hugo Martínez**  
2011. Edible Lepidoptera in Mexico: Geographic distribution, ethnicity, economic and nutritional importance for rural people. *Journal of Ethnobiology and Ethnomedicine* 7(2): 1-22, 18 figs., 4 tabs. (6 January) [general]
- Ramos, Julieta, José Manuel Pino, Carlos Márquez, Fernando Rincón, Manuel Alvarado, Esteban Escamilla and Héctor Bourges**  
1984. Protein content of some edible insects in México. *Journal of Ethnobiology* 4(1): 61-72, 1 tab. (May) [Aegiale *hesperiaris* (Walker), *Eucheira socialis* Westwood, *Catasticta teutila* (Doubleday)]
- Ramos, Julieta, José Manuel Pino and Josefina Morales**  
2002. Análisis químico proximal, vitaminas y nutrimentos inorgánicos de insectos consumidos en el Estado de Hidalgo, México. *Folia entomologica mexicana* 41(1): 15-29, 7 tabs. (15 April) [general]
- Ramos, Julieta, José Manuel Pino and Luis Alfredo Romero**  
1988. Determinación del valor nutritivo de algunas especies de insectos comestibles del Estado de Puebla. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 58(1): 355-372, 6 tabs., 2 maps (15 August) [*Eucheira socialis* Westwood, Aegiale (*Acentrocne*) *hesperiaris* (Walker); Mexico]
- Ramos, Julieta, and José Luis Viejo**  
2007. Los insectos como alimento humano: Breve ensayo sobre la entomofagia, con especial referencia a México. *Boletín de la Real Sociedad española de Historia natural (Sección biológica)* 102(1/4): 61-84, 10 tabs. (9 November) [general]
- Ramos, Márcio Viana, Danielle Aragão Pereira, Diego Pereira de Souza, Maria-Lídia de Souza Silva, Luciana Magalhães Rebêlo Alencar, Jeanlex Soares de Sousa, Juliany-Fátima Noberto de Queiroz and Cleverson Diniz Teixeira de Freitas**  
2015. Peptidases and peptidase inhibitors in gut of caterpillars and in the latex of their host plants. *Planta* 241(1): 167-178, 7 figs., 1 tab. (January; published online 23 September 2014) [*Danaus plexippus* (Linnaeus); Brazil]
- Ramos, Renato Rogner**  
2001. See Freitas, A. V. L. & R. R. Ramos, 2001.  
2014. See Francini, R. B. & R. R. Ramos, 2014.  
2015. See Francini, R. B. et al., 2015.  
2018. See Braga, L. et al., 2018.  
2019. See Freitas, A. V. L. et al., 2019c.
- Ramos, Renato Rogner, and Ronaldo Bastos Francini**  
2014. Intergeneric mating attempt: males of *Tegosa claudina* Eschscholtz and a female of *Chlosyne lacinia saundersi* Doubleday (Nymphalidae: Melitaeinae). *News of the Lepidopterists' Society* 56(4): 170-174, 2 figs., 2 tabs. (26 November) [behavior; Brazil]
- Ramos, Renato Rogner, and André Victor Lucci Freitas**  
1999. Population biology and wing color variation in *Heliconius erato phyllis* (Nymphalidae). *Journal of the Lepidopterists' Society* 53(1): 11-21, 11 figs. 5 tabs. (7 October) [life history; host plants; behavior; Brazil]
- Ramos, Renato Rogner, Daniela Rodrigues and André Victor Lucci Freitas**  
2012. Oviposition preference and larval performance in a *Heliconius erato phyllis* (Lepidoptera: Nymphalidae) population from southeastern Brazil: is there a positive relationship? *Journal of natural History* 46(11/12): 669-681, 2 figs., 2 tabs. (March; published online 9 February) [host plants; behavior]
- Ramos, Rodrigo Soares**  
2017. See Moreno, S. C. et al., 2017.  
2019. See Santos, A. A. et al., 2019.
- Ramos, Stuart José [1939- ]**  
1976. Definite records of *Marpesia chiron* (Fabricius) and new record of *Euptoieta claudia* Cramer (Lepidoptera: Nymphalidae) from Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 60(3): 439-441 (July) [general; ecology]
1977. A field guide to the butterflies of the West Indies, by Norman D. Riley. *Journal of the Lepidopterists' Society* 31(3): 215-216 (16 September) [general; book review]
1982. Checklist of the butterflies of Puerto Rico (Lepidoptera, Rhopalocera, West Indies). *Caribbean Journal of Science* 17(1/4): 59-68. [general]
1984. Notes on the life cycle and biology of *Anaea troglodyta borinquenalis* (Lepidoptera: Apaturidae). *Caribbean Journal of Science* 20(1/2): 19-24, 15 figs. [Puerto Rico]
1988. See Smith, D. S. et al., 1988.  
1989a. See Smith, D. S., E. G. Munroe & S. J. Ramos, 1989.  
1989b. See Smith, D. S., E. W. Classey & S. J. Ramos, 1989.  
1994. See Smith, D. S. et al., 1994.  
1996. An annotated checklist of the butterflies of Puerto Rico. *Annals of the New York Academy of Sciences* 776: 217-238 (26 June) [general]
- Ramos, Stuart José, and Deyanira Lemus**  
1993. Taxonomic situation of *Ascia monuste* L. in Puerto Rico (Lepidoptera: Pieridae). *Caribbean Journal of Science* 29(1/2): 4-11, 2 tabs. (June)
- Ramos, Stuart José, and Julio A. Micheli**  
1976. Additional insect records from Desecheo Islands, Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 60(4): 682-683 (October) [*Chlorostyrymon simaethis simaethis* (Drury), *Electrostyrymon angelia boyeri* (Comstock & Huntington)]
- Ramos, Vânia Maria**  
2014. See Cunha, F. et al., 2014.
- Ramos-Bueno, Rebeca Pilar**  
2018. See Guil-Guerrero, J. L. et al., 2018.
- Ramos-González, Mario Iván**  
2017. *Las mariposas (Insecta: Lepidoptera) depositadas en*

- el Museo de Historia Natural de Concepción, Chile.*  
Concepción, DIBAM. 27 pp., 8 figs., 2 tabs. [general; Chile]
- Ramos-González, Mario Iván, Carlos Zamora-Manzur and Luis Eduardo Parra**  
2018. La "mariposa papagayo" de Molina (Insecta: Lepidoptera): Refutando la combinación *Castnia psittacus* (Molina, 1782). *Gayana* 82(1): 79-84, 1 fig. (30 June) [*Battus polydamas psittacus* (Molina); Chile]
- Ramsden, Charles Theodore** [1876-1951]  
[1914]. A new *Pieris* from Cuba (Lepidoptera). *Entomological News* 26(1): 15-16 ("January 1915", [31 December 1914]) [*P. menciae*]  
1920. A new *Kricogonia* from Cuba (Lep., Rhop.). *Entomological News* 31(9): 259-260 (16 November) [*K. cabrerai*]  
1923. See Skinner, H. & C. T. Ramsden, 1923.
- Ramstetter, Monica Denise**  
2012. See Bybee, S. M. et al., 2012.
- Rand, Douglas B.**  
2002. See Pierce, N. E. et al., 2002.
- Randolph, Vance** [1892-1980]  
1922. A preliminary study of the life history and habits of *Dione vanillae* Linn. *Transactions of the Kansas Academy of Sciences* 30: 351-362. [classification; distribution; behavior; host plants; egg, larva, pupa, imago; ecology; Neotropics]
- Ranga, Neusa Taroda**  
1994. See Kiill, L. H. P. & N. T. Ranga, 1994.  
2000a. See Kiill, L. H. P. & N. T. Ranga, 2000a.  
2000b. See Kiill, L. H. P. & N. T. Ranga, 2000b.
- Rangel, Jefferson Firth, and Jalmirez Guimarães Gomes**  
1938. Guia para reconhecimento e combate das principais doenças e pragas da laranjeira. *Publicação. Divisão de Defesa sanitária vegetal. Ministério da Agricultura* (Rio de Janeiro) 11: 1-74, 7 pls., 32 figs., 3 tabs. [Ed. 2, 82 pp. ("1945", 1946)] [*Papilio* spp.; life history; parasitoids; host plants; Brazil]
- Rangel, Jesús Orlando** [1950- ]  
1985. See Sturm, H. & J. O. Rangel, 1985.  
2001. See Tobar, D. E. et al., 2001.  
2002. See Tobar, D. E. et al., 2002.  
2009a. *Ecosistemas zonales de la Serranía de Perijá*, pp. 633-660, fig. 61. In: Rangel, J. O. (Ed.), *Colombia. Diversidad biótica VIII. Media y baja montaña de la Serranía de Perijá*. Bogotá, Universidad Nacional de Colombia, Instituto de Ciencias Naturales. [general; Colombia]  
2009b. *La biodiversidad de la Serranía de Perijá -Síntesis-*, pp. 677-692, tabs. 103-104. In: Rangel, J. O. (Ed.), *Colombia. Diversidad biótica VIII. Media y baja montaña de la Serranía de Perijá*. Bogotá, Universidad Nacional de Colombia, Instituto de Ciencias Naturales. [general; Colombia]
- Rangel, José Luis**  
1991. See Pozo, M. del C. et al., 1991.
- Rangel, Luis José**  
2011. See González, N. A. et al., 2011.
- Rangel-Olguín Aline Giselle**  
2019. See Macías-Muñoz, A. et al., 2019.
- Rangnow, Rudolf** [1889-1939]  
1938. *Tropenpracht und Urwaldnacht. Auf Tierfang am Amazonas*. Braunschweig, Gustav Wenzel & Sohn. 176 pp., figs. [general; Brazil]
- Raniero, Mariana**  
2014. See Brito, M. M. et al., 2014.
- Rankin, J. M.**  
1984. See Lovejoy, T. E. et al., 1984.
- Rankin, Mary Ann, and Susan M. Rankin**  
1979. *Physiological aspects of insect migratory behavior*, pp. 35-63, 12 figs. In: Rabb, R. L. & G. G. Kennedy (Eds.), *Movement of highly mobile insects: concepts and methodology in research*. Raleigh, North Carolina State University. [*Danaus plexippus* (Linnaeus); Mexico]
- Rankin, Susan M.**  
1979. See Rankin, M. A. & S. M. Rankin, 1979.
- Rankin, William**  
1997. On the track of the Monarch butterfly. *National Wildlife* 35(3): 46-51, figs. ([August]) [*Danaus plexippus* (Linnaeus); ecology; Mexico]
- Rao, Vakkethur Prabhaker**  
1971. Biological control of pests in Fiji. *Miscellaneous Publication. Commonwealth Institute of biological Control Trinidad* 2: 1-38 (June) [*Thecla bazochii* (Godart), *T. echion* (Linnaeus); Central America]
- Raper, Chris**  
1999. The Butterflies of Venezuela (Part 1): Nymphalidae 1 (Limenitidinae, Apaturinae & Charaxinae) by Andrew Neild. *Bulletin of the amateur Entomologist's Society* 58(427): 228-229 (December) [general; book review]
- Rappa, Nicole Strefling**  
2008. See Quadros, F. do C. et al., 2008.
- Rashbrook, Vanessa K.**  
1998. See Pollock, D. D. et al., 1998.
- Rashin, Ed, Robert L. Small and José Luis Álvarez**  
1999. *Reforestation as a strategy for restoring monarch ecosystems*, pp. 277-284, 2 figs. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Rasmann, Sergio**  
2015. See Agrawal, A. A. et al., 2015.
- Rasplus, Jean-Yves**  
2012. See Condamine, F. L. et al., 2012a.
- Rassart, Marie**  
2006. See Kertész, K. et al., 2006b.  
2010. See Vigneron, J.-P. et al., 2010.
- Rastas, Pasi M.**  
2017a. See Davey, J. W. et al., 2017.  
2017b. Lep-MAP3: robust linkage mapping even for low-coverage whole genome sequencing data. *Bioinformatics* 33(23): 3726-3732, 5 figs., 1 tab. (1 December; published online 3 August) [*Heliconius erato* (Linnaeus)]  
2017c. See Van Belleghem, S. M. et al., 2017.  
2019a. See Merrill, R. M. et al., 2019.  
2019b. See Hill, J. A. et al., 2019.  
2019c. See Morris, J. et al., 2019.
- Raterman, Denise**  
2005. See Nice, C. C. et al., 2005.
- Rathcke, Beverly Jean** [1945- ]  
2001. Pollination and predation limit fruit set in a shrub, *Bouyeria succulenta* (Boraginaceae), after hurricanes on San Salvador island, Bahamas. *Biotropica* 33(2): 330-338, 2 tabs. (June) [*Calisto herophile apollinis* Bates, *Kricogonia lyside* (Godart)]
- Rathcke, Beverly Jean, Lee B. Kass and Nancy B. Elliott**  
2001a. *Flower visitors to black mangrove and white mangrove on San Salvador Island, Bahamas*, pp. 68-77, 6 tabs.

- In: Clark-Simpson, C. A. & G. W. Smith (Eds.), *Proceedings of the 8th Symposium on the Natural History of the Bahamas*. San Salvador, Bahamian Field Station. [general; pollination]
- 2001b. *The floral biology and pollination of strongback, Bourreria succulenta (Boraginaceae), on San Salvador Island, Bahamas*, pp. 78-88, 4 tabs. In: Clark-Simpson, C. A. & G. W. Smith (Eds.), *Proceedings of the 8th Symposium on the Natural History of the Bahamas*. San Salvador, Bahamian Field Station. [general]
- Rathcke, Beverly Jean, Lee B. Kass and Robert E. Hunt**  
1996. *Preliminary observations on plant reproductive biology in mangrove communities of San Salvador Island, Bahamas*, pp. 87-96, 1 tab. In: Elliott, N. B., D. C. Edwards & P. J. Godfrey (Eds.), *Proceedings of the Sixth Symposium on the Natural History of the Bahamas*. San Salvador, Bahamian Field Station. [*Kricogonia lyside* (Godart); pollination]
- Rathcke, Beverly Jean, and Robert Wayne Poole**  
1975. Coevolutionary race continues: Butterfly larval adaptation to plant trichomes. *Science* 187(4172): 175-176, 2 figs. (17 January) [*Mechanitis isthmia* Bates; host plant; behavior; Venezuela]
- Rathjen, Janet**  
2005. See Basham, B. et al., 2005.
- Rathjen, Tina**  
2011. See SurrIDGE, A. K. et al., 2011.
- Ratkovich, Milijov**  
1950. Primera lista de insectos tucumanos útiles. *Publicación miscelánea. Estación experimental agrícola de Tucumán* 5: 1-33 (September) [general; parasitoids, predators; Argentina]
- Ratnasingham, Sujeevan**  
2009. See Janzen, D. H. et al., 2009.  
2012. See Smith, M. A. et al., 2012.
- Rau, Phil** [1885-1948]  
1942. Clouds of butterflies in Mexico: A study in butterfly aggregations (Lepid.: Rhopalocera). *Entomological News* 53(5): 121-126 (1 May), (6): 151-155 (5 June), (7): 181-184 (7 July) [general]  
1944. The Monarch butterfly, *Danaus plexippus* L., in Mexico. *Entomological News* 55(2): 44 (17 March)
- Raudsepp-Hearne, Ciara, Annette Aiello, Ahmd A. Hussein, Maria V. Heller, Timothy Johns and Todd L. Capson**  
2015. Differential sequestration of a cytotoxic vismione from the host plant *Vismia baccifera* by *Periphoba arcaeii* and *Pyrrhopyge thericles*. *Journal of Chemical Ecology* 41(9): 816-821, 4 figs. (September; published online 28 August) [Panama]
- Rault, Philippe**  
1998. See Redeuilh, P. & P. Rault, 1998.
- Raupp, Michael J., and Robert Frederick Denno**  
1983. *Leaf age as a predictor of herbivore distribution and abundance*, pp. 91-124, 5 figs., 2 tabs. In: Denno, R. F. & M. S. McClure (Eds.), *Variable plants and herbivores in natural and managed systems*. New York, Academic Press. [*Morpho*, *Heliconius*]
- Rausher, Mark D.**  
1979. Larval habitat suitability and oviposition preference in three related butterflies. *Ecology* 60(3): 503-511, 3 figs., 7 tabs. (June) [*Battus philenor* (Linnaeus), *B. polydamas* (Linnaeus), *Parides montezuma* (Westwood)]; Mexico]  
1983. *Ecology of host-selection behavior in phytophagous insects*, pp. 223-257, 6 tabs. In: Denno, R. F. & M. S. McClure (Eds.), *Variable plants and herbivores in natural and managed systems*. New York, Academic Press. [general]
1995. *Behavioral ecology of oviposition in the pipevine swallowtail, Battus philenor*, pp. 53-62, 7 figs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [Mexico]
- Ravat, Philippe**  
2014. See Touroult, J. et al., 2014.
- Raven, Klaus G.** [1931-2000]  
1972. See Ortiz, M. & K. G. Raven, 1972.  
1995. See Aguilar, P. G. et al., 1995.  
1999. See Aguilar, P. G. et al., 1999.
- Raven, Peter Hamilton** [1936- ]  
1965. See Ehrlich, P. R. & P. H. Raven, 1965.
- Ravenscraft, Alison, Michelle Berry, Tobin J. Hammer, Kabir Peay and Carol L. Boggs**  
2019. Structure and function of the bacterial and fungal gut microbiota of Neotropical butterflies. *Ecological Monographs* 89(2)(e01346): 1-25 (May; published online 11 December 2018) [general; Costa Rica]
- Ravenscraft, Alison, and Carol L. Boggs**  
2016. Nutrient acquisition across a dietary shift: fruit feeding butterflies crave amino acids, nectivores seek salt. *Oecologia* 181(1): 1-12, 3 figs. (May; published online 13 August 2015) [general; behavior; Costa Rica]
- Rawlins, John Edward** [1950- ]  
1984. *Mycophagy in Lepidoptera*, pp. 382-423, 10 figs., 2 tabs. In: Wheeler, W. & M. Blackwell (Eds.), *Fungus-insect relationships. Perspectives in ecology and evolution*. New York, Columbia University Press. [*Euptychia westwoodi* Butler, *Asterocampa*, *Anaea*, *Eretris*; Neotropics]  
2009. See Janzen, D. H. et al., 2009.  
2017. See Lehnert, M. S. et al., 2017.
- Rawlins, Lauren D.**  
2019. See Morris, J. et al., 2019.
- Rawson, George William** [1890-1986]  
1959. The Jamaican giant swallow-tail. *Papilio homerus*. *Florida Naturalist* 32(3): 122-126, 2 figs. (July) [distribution; host plant]  
1976. Notes on the biology and immature stages of the white peacock butterfly, *Anartia jatrophae guantanamo* (Nymphalidae). *Journal of the Lepidopterists' Society* 30(3): 207-210, 2 figs. (22 September) [egg, larva, pupa; host plant; ecology; Cuba]
- Rawson, George William, and William Mark Davidson**  
1964. An annotated list of Lepidoptera observed or collected in 1959-1960 on the Dry Tortugas Islands. *Journal of the Lepidopterists' Society* 17(4): 225-227 (21 February) [general; West Indies]
- Rawstern, Amanda H.**  
2011. See Sternberg, E. D. et al., 2011.
- Ray, David A.**  
2012. See Dasmahapatra, K. K. et al., 2012.  
2013a. See Lavoie, C. A. et al., 2013.  
2013b. See Supple, M. A. et al., 2013.
- Ray, David A., Jenna R. Grimshaw, Michaela K. Halsey, Jennifer M. Korstian, Austin B. Osmanski, Kevin A. M. Sullivan, Kristen A. Wolf, Harsith Reddy, Nicole Foley, Richard D. Stevens, Binyamin A. Knisbacher, Orr Levy, Brian A. Counterman, Nathaniel B. Edelman and James Louis Borlase Mallet**

2019. Simultaneous TE analysis of 19 heliconiine butterflies yields novel insights into rapid TE-based genome diversification and multiple SINE births and deaths. *Genome Biology and Evolution* 11(8): 2162-2177, 4 figs., 2 tabs. (August; published online 19 July) [general]
- Ray, John** [1627-1705]  
1710. *Historia insectorum*. London, A. & J. Churchill. xv + 400 pp. [general]
- Ray, Playcard-Augustine-Fidele**  
1788. *Zoologie universelle et portative, ou Histoire naturelle de tous les quadrupedes, cetacées, oiseaux et reptiles connus; de tous les poissons, insectes et vers, ou nommés, ou anonymes, mais indigenes; et d'un très-grand nombre de poissons, d'insectes et de vers et de vers anonymes et exotiques: Jointe à une concordance des divers noms qui leur ont été donnés: le tout disposé selon l'ordre alphabétique, & rapporté à l'ordre méthodique: avec un supplément que le lecteur est prié de consulter. Ouvrage également destiné aux naturalistes & aux gens du monde*. Paris, Authour. xxiv + 710 + [2] pp. (after 15 March) [general]
- Ray, Thomas S.**  
1986. The host plant, *Erythroxylum* (Erythroxylaceae) of *Agrias* (Nymphalidae). *Journal of the Lepidopterists' Society* 39(4): 266-267, 1 fig. (25 June) [*A. amydon philatelica* DeVries; Costa Rica]
- Ray, Thomas S., and Catherine C. Andrews**  
1980. Antbutterflies: Butterflies that follow army ants to feed on antbird droppings. *Science* 210(4474): 1147-1148, 1 fig., 1 tab. (5 December) [*Mechanitis polymnia isthmia* Bates, *M. lysimnia doryssus* Bates, *Melinaea lilis imitata* Bates]
- Raye van Breukelerwaard, Joan** [1737-1823]  
1827. *Catalogue du cabinet célèbre et très-renommé d'objets d'histoire naturelle consistant en Papillons de nuit de du jour, Escarbots et autres Insectes, de plus Oiseaux Conservés, Coquilles, Ecaillés, Corails, Pétrifications, Minéraux, etc. etc. Rassemblés pendant de lonques années, delaisé par feu le très noble Sieur Joan Raye, Seigneur de Breukelerwaert*. Amsterdam. [14] + 222 pp. [general]
- Rayleigh, Lord** [= Strutt, Robert John] [1875-1947]  
1923. The optical interpretation of the visibility of the upper-when looked at through the under-surface patterns of certain butterflies. *Proceedings of the entomological Society of London* 1923(1/2): xl-xliii (10 August) [*Protogonius*]
- Raymond, Théophile** [? - ca. 1922]  
1934a. Introducción al estudio de las mariposas. *Boletín de la Sociedad venezolana de Ciencias naturales* 14: 191-203 (31 January)  
1934b. Lepidópteros de Venezuela. *Boletín de la Sociedad venezolana de Ciencias naturales* 16: 284-311 (31 March), 17: 313-352 (30 April) [Papilionidae]  
1982. *Mariposas de Venezuela*. Caracas, Ediciones Corpoven. 277 pp., pls. [English ed., 1994] [general]
- Raymundo, Andrew**  
2018. See Seymoure, B. M. et al., 2018.
- Raymundo da Silva, Benedicto** [1869-1943]  
1907a. *Lepidopteros do Brasil. Contribuição para a Historia Natural*. Rio de Janeiro, Imprensa Nacional. 182 pp., 33 pls. [general; host plants; larvae, pupae, imagines; ecology; distribution]  
1907b. *Reino Animal*, pp. 345-427. In: *Industria extractiva. In: O Brasil. Suas riquezas naturaes. Suas industrias. Volume I. Introdução - Industria extractiva*. Rio de Janeiro, M. Orosco & C. viii + 354 + 552 + iv pp. [general]
1918. Notícia sobre alguns lepidópteros serigenos do Brasil. *Anuario do Collegio Pedro II* (Rio de Janeiro) 3: 25-95, 27 figs. [*Brassolis*, *Morpho*; life histories; Brazil]  
1920. Os insectos damnhinhos. IV - A lagarta dos tomateiros. (*Mechanites* [sic] *nessaea lysimnia*, Fabr.). *Chácaras e Quintaes* 21(6): 479-480, 1 fig. (15 June) [life history; Brazil]  
1930-34. Nomenclatura popular dos lepidopteros do Distrito Federal & seus arredores. *O Campo* (Rio de Janeiro) 1(5): 10-11, 16, figs. 1-6 (May 1930), (6): 12-14, figs. 7-15 (June 1930), (7): 14-18, figs. 16-33 (July 1930), (8): 10-14, figs. 34-48 (August 1930), (9): 21-24, figs. 49-60 (September 1930), (11): 14-17, figs. 61-73 (November 1930), (12): 10-13, figs. 74-87 (December 1930); 2(1/2): 52-53, figs. 88-93 (February 1931), (3): 26-27, figs. 94-100 (March 1931), (5): 41-43, figs. 101-110 (May, 1931), (6): 46-48, figs. 111-117 (June 1931), (7): 66-67, figs. 118-124 (July 1931), (8): 26-28, figs. 125-129 (August 1931), (10): 34-37, figs. 130-140 (October 1931), (12): 33-35, figs. 141-147 (December 1931); 3(1): 65-66, 70, figs. 148-153 (January 1932), (2): 67-69, figs. 154-155 (February 1932), (3): 49-51, figs. 153-163 (March 1932), (4): 49-50, figs. 164-169 (April 1932), (5): 18-19, figs. 170-173 (May 1932), (6): 27-28, figs. 174-177 (June, 1932), (7): 20-21, figs. 178-182 (July 1932), (8): 49-51, figs. 183-185 (August 1932), (10): 14-15, figs. 186-190 (October 1932), (11): 20-21, figs. 191-194 (November 1932), (12): 65-67, figs. 195-198 (December 1932); 4(2): 56-57, figs. 199-202 (February 1933), (4): 49-51, figs. 203-209 (April 1933), (5): 31-33, figs. 210-215 (May 1933), (6): 22-24, figs. 216-223 (June 1933), (7): 28-29, figs. 224-228 (July 1933), (8): 66-67, figs. 229-233 (August 1933), (9): 65-66, figs. 234-238 (September 1933), (10): 57-58, figs. 239-244 (October 1933), (11): 59-60, figs. 245-247 (November 1933); 5(1): 45-47, figs. 248-253 (January 1934), (2): 36-38, figs. 254-259 (February 1934), (3): 52-53, 56, figs. 260-265 (March 1934), (4): 30-31, figs. 266-269 (April 1934), (5): 23-25, figs. 270-273 (May 1934), (6): 41-43, figs. 274-278 (June 1934), (8): 54-56, figs. 279-284 (August 1934), (9): 15-16, figs. 285-290 (September 1934), (10): 34-36, figs. 291-297 (October 1934) [general; new form: *Eueides pavana* form *ferruginea*; life histories; ecology; behavior; Brazil]  
1936. *Castnídeos e esfingídeos do Brasil (Estudo sobre algumas sps. dessas famílias)*. Rio de Janeiro, Typographia Misericordia. 302 pp., 37 pls. [also in *Anuario do Collegio Pedro II* (Rio de Janeiro) 8: 1-302, 37 pls.; 1937] [general]
- Raza, Waseem**  
2015. See Ghazanfar, M. & W. Raza, 2015.
- Razowski, Józef**  
1980. Wizerunki motyli w sztuce dawnego Meksyku. *Wszecchwiat* 1980(7/8): 185-186, 8 figs. (July-August) [ethnoentomology]
- Rázuri, Ernesto**  
2015a. See Grados, J. et al., 2015a.  
2015b. See Grados, J. et al., 2015b.
- Read, Morley**  
1987. *Lepidoptera*, pp. 107-111, 1 fig. In: Robinson, F. (Ed.), *Río Mazan Project*. Oxford, University of Oxford. [general; Ecuador]
- Reader, Tom**

2013. See Taylor, C. H. et al., 2013.
- Reakirt, Tryon** [1844-1872 (73?)]
- 1863-[64]. Notes on Central American Lepidoptera, with descriptions of new species. *Proceedings of the entomological Society of Philadelphia* 2(2): 135-142 ("September", [12 October] 1863), (3): 345-360 ("December 1863", [27 January 1864]) [general; *Papilio caleli*, *P. tonila*, *P. tulana*, *P. copanae*, *Euterpe eudoica*, *Pieris kicaha*, *Nathalis luteolus*, *Callidryas yamana*, genus *Kricogonia*, *Megonostoma* (new genus) *helenae*; Mexico, Honduras, Nicaragua, Guatemala, Costa Rica]
1865. Observations upon some American Pierinae. *Proceedings of the entomological Society of Philadelphia* 4(2): 216-222 ("March", [23 May]) [general; new species: *Leptalis kollari*; Brazil]
- [1866]a. Description of some new species of Danainae. *Proceedings of the entomological Society of Philadelphia* 5(2): 217-223 ("September 1865", [1 May 1866]) [general; *Ithomia sosunga*, *Ceratinia lycaste* variety *negreta*, *C. l.* variety *pumensis*, *C. l.* variety *chimbrazana*, genus *Dynothea*, *Mechanitis californica*; Central and South America]
- [1866]b. Descriptions of some new species of *Eresia*. *Proceedings of the entomological Society of Philadelphia* 5(2): 224-227 ("October 1865", [1 May 1866]) [*E. yorita*, *E. comaela*, *E. genigueh*; Honduras, Brazil]
- 1866c. Descriptions of some new species of diurnal Lepidoptera. *Proceedings of the Academy of natural Sciences of Philadelphia* 18(3): 238-249 ([11] June) [general; *Terias jamapa*, *T. solana*, *Mechanitis utemaia*, *Melinaea paraiya*, *Eueides zorcaon*, *Acraea orizava*, *Agraulis huascuma*, *Euterpe arechiza*, *Emesis toltec*, *Synchlloe quehtala*, *Papilio eridamas*; Mexico, Honduras, Brazil, Guatemala]
- [1867]. Descriptions of some new species of diurnal Lepidoptera. Series II. *Proceedings of the Academy of natural Sciences of Philadelphia* 18(4): 331-336 ("November 1866", [before 13 February 1867]), (5): 337-342 ("November 1866", [before 10 July 1867]) [general; *Neonympha lupita*, *Papilio asterioides*, *Lycaena isola*, *Thecla xami*, *T. zoe*, *T. barajo*, *Nisoniades mejicanus*, *Pyrgus montivagus* *P. macaira*, *Carcharodus mazans*, *Eresia sydra*, *Pieris lenoris*, *P. passion*, *Synchlloe ardema*, *Neonympha xicaque*, *Thecla jajan*, *Goniloba poyas*, *Thecla cestri*, *T. juicha*, *T. yojoa*, *T. istapa*, *Erycides lilea*, *Goniloba azula*, *Leptalis mita*, *Achlyodes hewitsonius*; Mexico, Brazil]
1868. Descriptions of some new species of diurnal Lepidoptera. Series III. *Proceedings of the Academy of natural Sciences of Philadelphia* 20(1/2): 87-91 (February) [general; *Lycaena marina*, *Goniloba dolores*, *Pyrgus georgina*, *Papilio burtoni*, *Dircenna bairdii*, *Mechanitis franis*, *Pyrrhopyga bogotana*, *Pyrgus alana*, *Heliconius guarica*; Mexico, Colombia]
- Real, Herman George** [1938-1991]
1968. Notes on the crepuscular nature of the species of *Celaenorrhinus* group (Lepidoptera: Hesperidae). *Pan-Pacific Entomologist* 44(1): 81-82 (28 June) [behavior; Costa Rica, Panama, Peru]
1971. See Fox, R. M. & H. G. Real, 1971.
1992. See Brown, J. W. et al., 1992.
- Réal, Pierre** [1922-2009]
- 1962-63a. See Le Moul, E. & P. Réal, 1962-1963.
- 1963b. See Le Moul, E. & P. Réal, 1963.
- Realpe, Emilio**
2016. See Outomuro, D. et al., 2016.
- Reavey, Duncan**
1993. *Why body size matters to caterpillars*, pp. 248-279, 2 figs., 2 tabs. In: Stamp, N. E. & T. M. Casey (Eds.), *Caterpillars. Ecological and evolutionary constraints on foraging*. New York, Chapman & Hall. [general]
- Rebel, Hans** [1861-1940]
1900. Zur Auffassung der Lemoniiden als selbstständige Lepidopterenfamilie. *Entomologische Nachrichten* 26(4): 49-51 (February) [Lemoniidae; nomenclature]
- 1906a. [A note]. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 56(4/5): 220-224 (20 June) [new subspecies: *Bia actorion atalanta*; Peru]
- 1906b. [Einer neuen Nymphalidenform aus Südmexiko]. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 56(6/7): 377-378 (19 October) [*Microtia elva horni*]
1912. [A note]. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 62(8/9): (218)-(221), 3 figs. (16 December) [general; new species: *Callithea philotima*; Peru]
1920. Eine neue Nymphalide aus Brasilien. *Zeitschrift des oesterreichischen Entomologen-Vereines* 5(11/12): 67-68, 2 figs. (15 November) [*Anaena* (sic) *zikani*; host plant; larva, imago]
1922. [A note]. *Verhandlungen der zoologisch-botanischen Gesellschaft in Wien* 71(1/10): (14)-(15) (31 May) [new subspecies: *Dasyophthalma rusina geraensis*; Brazil]
1923. Zur Bibliographie von Berge's Schmetterlingsbuch. *Entomologische Zeitschrift* 36(20/21): 61 (3 February), (22/23): 64-65 (10 March); 37(1): 3 (7 April), (2/3): 7-8 (5 May), (6): 15-16 (23 June), (9): 22-23 (4 August) [general]
- Rebel, Hans, Gustav Weymer and Hans Ferdinand Emil Julius Stichel**
1901. Beschreibung der neuen Arten und Varietäten und einige bisher mangelhaft beschriebener Arten, pp. 290-304, pls. 4-5, 2 figs. In: Von Ihrer königl. Hoheit der Prinzessin Therese von Bayern auf einer Reise in Südamerika gesammelte Insekten. III. Lepidopteren. *Berliner entomologische Zeitschrift* 46(2/3): 235-307, pls. 4-5, 2 figs. (September) [general; new taxa: *Ithomia pseudo-agalla*, *I.* (new subgenus *Epileria*) *singularis*, *Actinote ozomene* variety *gabrielae*, *A. o.* variety *calimene*, *A. o.* variety *granadina*, *A. olgae*, *Perisama bonplandii* variety *rubrobasalis*, *Nymphidium victrix*, *N. hewitsoni*; Colombia, Ecuador, Brazil]
- Rebillard, Pierre** [1900-1974]
1958. Contribution a la connaissance des Riodinidae Sud-Américaines. *Mémoires du Muséum d'Histoire naturelle* (Paris) (N.S.) (A) 15(2): 135-216, frontisp., 10 pls., 11 figs., (19 May) [general; new taxa: *Euselasia psammathe hypocala*, *E. leucorrhoea* form *aethiops*, *E. euryone* individual form *aphelotes*, *E. dione*, *E. gelisae*, *E. pellos lineata*, *E. orion*, *E. zena* form *ictina*, *E. z.* form *libanochra*, *E. z.* form *meconites*, *E. z.* form *conspicua*, *Mesosemia phelina calliops*, *M. p. simulans*, *M. mayi*, *Alesa prema* form *sapphirina*, *A. fournierae*, *Themone inornata*, *Ancyluris gelisae*, *Cyrenia martia* form *themis*, *Zelotaea Iya*, *Comphotis delicia*, *Pachytone lateritia* individual form *radiata*, *Symmachia nemesis*, *S. tricolor* individual form *pulchra*, *Argyrogrammana caesarion*, *Antheros gentilis*, *Charis theodora* female individual form *calligramma*, *C. chelonis virido*, *Emesis adelpha*, *E. a. vicaria*, *Ematurgina albiovata* form *candida*, *Echenais*



- pulcherrima felicitis*, *Calliona siaka-latona separata*, *Dysmathia juno*, *D. grosnyi*, *Stalactis funereus albus*, *Aricoris cruentata* form *succina*, *A. heliodora* form *amanita*, *Orimba tapaja* form *atavus*, *O. t.* form *batesi*, *O. t.* form *heteropyga*]
1961. Révision systématique des lépidoptères nymphalides du genre *Agrias*. *Mémoires du Muséum national d'Histoire naturelle* (Paris) (N.S.) (A) 22(2): 157-253, 3 pls. (15 October) [general; new taxa: *A. amydon tryphon* female aberration *ochracea*, *A. a. t.* male aberration *umbrianus*, *A. a. rubella* aberration *cyaneigera*, *A. a. r.* female aberration *transforma*, *A. beata stuarti* male form *fulvescens*, *A. b. s.* male aberration *paradoxus*, *A. sardanapalus claudina* male form *splendens*, *A. s. claudia lecerfi* female aberration *melior*, *A. aedon narcissus dubiosa* female aberration *semiphryne*; Mexico, Central and South America]
- Rebillard, Pierre, and Pierre Edmond Léon Viette**  
1960. Les types d'*Agrias* de la collection de Mme. G. Fournier de Horrack (Lep. Nymphalidae). *Bulletin de la Société entomologique de France* 65(5/6): 109-117 (2 December) [general; South America]
- Rebolledo, Nicolás**  
1991. Mucho adulto, poca larva. *Notas y Noticias entomológicas* (Bogotá) 1991(7/8): 45 (5 November) [*Agraulis vanillae* (Linnaeus); Colombia]
- Rebourg, Cécile**  
2008. See Michel, F. et al., 2008.
- Rech, André Rodrigo**  
2015. See Coelho, C. P. et al., 2015.
- Rech, André Rodrigo, Yara Brito Chaim Jardim Rosa and Edgard Jardim Rosa Júnior**  
2009. Primeira ocorrência de fitofagia de frutos e sementes de Orchidaceae por *Hyphilaria thasus* Stoll. (Lepidoptera: Riodinidae) no Brasil. *Revista brasileira de Horticultura ornamental* 14(2): 209-211, 3 figs. [host plants]
- Recinos, Virgilio**  
1968. See Penagos, H. & V. Recinos, 1968.
- Redaelli, Luiza Rodrigues**  
1998. See Gracioli, G. et al., 1998.
- Reddi, C. S., and G. Meera Bai**  
1984. Butterflies and pollination biology. *Proceedings of the Indian Academy of Sciences (Animal Science)* 93(4): 391-396, 1 tab. (June) [general]
- Reddy, Gadi Venkata Prasad**  
2009. See Zachariades, C. et al., 2009.
- Reddy, Gadi Venkata Prasad, and Angel Guerrero**  
2004. Interactions of insect pheromones and plant semiochemicals. *Trends in Plant Science* 9(5): 253-261, 2 figs., 2 tabs. (May; published online 25 March) [general]
- Reddy, Harsith**  
2019. See Ray, D. A. et al., 2019.
- Redeuilh, Patrick, and Philippe Rault**  
1998. *Papillons d'Amazonie*. Paris, Éditions Prodigale. 88 pp., figs. (November) [general; behavior; South America]
- Redlich, Hermann Julius Albert** [1842-1903]  
1901. Entomologisches aus Brasilien. *Entomologische Zeitschrift* 14(22): 180 (15 February) [general; host plants; larvae, pupae]
- Redolfi, Inés**  
1995. See Aguilar, P. G. et al., 1995.  
1999. See Aguilar, P. G. et al., 1999.
- Redondo, Víctor M.**  
1994. Lepidópteros de la colección Longinos Navás (1858-1938) conservados en el Paraninfo de la Universidad de Zaragoza (Lepidoptera). *Zapateri* 4: 3-18, 12 figs. (30 December) [general]
- Ree, Richard H.**  
2011. See Vila, R. et al., 2011.
- Reed, Alexis S.**  
2012. See Barve, N. et al., 2012.
- Reed, Carlos Samuel** [1882-1949]  
1909. *Breve reseña acerca de los insectos que más perjudican a la agricultura en la Provincia de Mendoza*. Mendoza, Ministerio de Industrias y Obras Públicas. 89 pp., 3 pls., 25 figs. [general; host plants; eggs, larvae, pupae, imagines; Argentina]  
1910. Desarrollo de un insecto nocivo al naranjo y a otras aurantáceas en Mendoza. *Papilio thoas* Linn. var.? *La Viticultura argentina* (Mendoza) 1(5/6): 252-256, figs. 40-43 (25 October) [life history; Argentina]  
1911a. Algunos lepidópteros nocivos a la agricultura en la Provincia de Mendoza. *La Viticultura argentina* (Mendoza) 2(12): 213-227, figs. 33-42 (25 April) [general; host plants; Argentina]  
1911b. *Noticias biológicas y económicas referentes a algunos lepidópteros nocivos a la agricultura en la Provincia de Mendoza*. Mendoza, Imprenta y Librería Nacional. 33 pp., 17 figs. [general; Argentina]  
1912. *Algunos insectos dañinos a la agricultura argentina*. Mendoza, Imprenta "Nacional". 127 pp., frontisp., 60 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; parasitoids]  
1918. Breves observaciones acerca de la biología de la *Phulia nymphula*. *Physis* (Buenos Aires) 4(17): 313-314 (20 December) [behavior; Argentina]  
1922. *La concuna o isoca de los alfalfares de Mendoza*. (*Colias lesbia Fabr.*). Mendoza, Tipografía "Casa Argentina Félix Best". 20 pp., 4 figs. [egg, larva, pupa, imago; host plant; parasitoids; predators; behavior; Argentina]
- Reed, Edwyn Charles** [1841-1910]  
1868. [A note]. *Proceedings of the Bristol Naturalists' Society* 3(7): 66-67 (September) [general; Brazil]  
1877. Una monografía de las mariposas chilenas. *Anales de la Universidad de Chile* 51(9): 647-736 + [1], pls. 1-3 (September) [general; new taxa: *Ephinephele promaucana*, *Cupido improba*, *Pamphila kirbyi*, *Hesperia fusca*, *Butleria sotoi*, *B. cauquenensis*, *B. vicina*, *Argynnis montana*, *Satyrus chiloensis*, *S. nycteropus*, *S. luctuosus*, *S. tragiscus*, *S. persephone*, *S. antarctica*, *S. thelxiope*, *S. valdivianus*, *S. hypsophila*, *Hesperia notata* variety *valdiviana*]  
1892a. Entomología chilena. Sinonimia. *Actes de la Société scientifique du Chili* 1: 66-69. [general]  
1892b. *Compendio de historia natural de Chile*. Santiago, Imprenta Gutenberg. vi + 117 pp. [general; host plants; ecology]  
1902. Nuevos insectos chilenos. *Revista chilena de Historia natural* 6(5/6): 285 (31 December) [*Neosatyrus* sp.]
- Reed, Robert D.**  
2001. See Caterino, M. S. et al., 2001.  
2003. Gregarious oviposition and clutch size adjustment by a *Heliconius* butterfly. *Biotropica* 35(4): 555-559, 2 figs., 2 tabs. (December) [*H. hewitsoni* Hewitson; host plant; behavior; Costa Rica, Panama]  
2004. Evidence for Notch-mediated lateral inhibition in organizing butterfly wing scales. *Development Genes and Evolution* 214(1): 43-46, 1 fig. (January; published online 14 November 2003) [*Heliconius erato*

- petiverana* Doubleday]
2005. Gregarious oviposition in butterflies. *Journal of the Lepidopterists' Society* 59(1): 40-43, 1 fig. (8 April) [*Heliconius*, *Laparus*, *Eueides*; host plants; behavior; Costa Rica]
2006. See Kapan, D. D. et al., 2006.
- 2008a. See Papa, R. et al., 2008a.
- 2008b. See Papa, R. et al., 2008b.
- 2010a. See Counterman, B. A. et al., 2010.
- 2010b. See Briscoe, A. D. et al., 2010a.
- 2010c. See Briscoe, A. D. et al., 2010b.
- 2010d. See Martin, A. & R. D. Reed, 2010.
2011. See Hines, H. M. et al., 2011.
- 2012a. See Bybee, S. M. et al., 2012.
- 2012b. See Hines, H. M. et al., 2012.
- 2012c. See Dasmahapatra, K. K. et al., 2012.
- 2012d. See Martin, A. et al., 2012.
- 2012e. See Finkbeiner, S. D. et al., 2012.
2013. See Papa, R. et al., 2013.
- 2014a. See Martin, A. et al., 2014.
- 2014b. See Finkbeiner, S. D. et al., 2014.
- 2014c. See Gallant, J. R. et al., 2014.
- 2014d. See Martin, A. & R. D. Reed, 2014.
2016. See Lewis, J. J. et al., 2016.
- 2017a. See Mazo-Vargas, A. et al., 2017.
- 2017b. See Zhang, L. & R. D. Reed, 2017.
- 2017c. See Zhang, L. et al., 2017.
- 2019a. See Lewis, J. J. & R. D. Reed, 2019.
- 2019b. See Edelman, N. B. et al., 2019.
- Reed, Robert D., and Lawrence Edmund Gilbert**
2004. Wing venation and distal-less expression in *Heliconius* butterfly wing pattern development. *Development Genes and Evolution* 214(12): 628-634, 4 figs. (December; published online 24 September) [general]
- Reed, Robert D., William Owen McMillan and Lisa M. Nagy**
2008. Gene expression underlying adaptive variation in *Heliconius* wing patterns: non-modular regulation of overlapping *cinnabar* and *vermillion* prepatterns. *Proceedings of the royal Society of London (B)* 275(1630): 37-45, 4 figs., 1 tab. (7 January; published online 24 October 2007) [*H. erato* (Linnaeus), *H. himera* Hewitson; Ecuador]
- Reed, Robert D., Riccardo Papa, Arnaud Martin, Heather M. Hines, Brian A. Counterman, Carolina Pardo-Díaz, Christopher David Jiggins, Nicola L. Chamberlain, Marcus R. Kronforst, Rui Chen, Georg Halder, H. Frederik Nijhout and William Owen McMillan**
2011. *optix* drives the repeated convergent evolution of butterfly wing pattern mimicry. *Science* 333(6046): 1137-1141, 3 figs. (26 August; published online 21 July) [*Heliconius*; Central and South America]
- Reed, Robert D., and Michael S. Serfas**
2004. Butterfly wing pattern evolution is associated with changes in a Notch/Distal-less temporal pattern formation process. *Current Biology* 14(13): 1159-1166, 4 figs. (13 July) [general]
- Reed, Robert D., and Felix A. H. Sperling**
1999. Interaction of process partitions in phylogenetic analysis: An example from the swallowtail butterfly genus *Papilio*. *Molecular Biology and Evolution* 16(2): 286-297, 5 figs., 3 tabs. (February) [general]
- Reed, Walter** [1951- ]
2013. *Edwyn C. Reed y el archivador rojo*. Madrid, Author. 186 pp., figs. [general; history; Chile]
- Reeks, Henry** [1838-1882]
1874. Migration of butterflies. *Entomologist* 7(129): 110-112 (May) [general]
1876. On the immense flight of *Terias lisa* in the Bermudas. *Entomologist* 9(154): 86-87 (April)
- Reese, Michael**
2004. Hot seens. Fall 2004. *American Butterflies* 12(4): 44-47, 4 figs. [general; Mexico]
2006. Hot seens. Fall/Winter 2005/6. *American Butterflies* 13(4): 42-46, 6 figs. [general; Mexico]
2007. Hot seens. Summer/Fall 2007. *American Butterflies* 15(3/4): 58-66, figs. [general; Mexico]
2008. Hot seens. Fall 2008. *American Butterflies* 16(4): 38-41, figs. [*Mimoides phaon* (Boisduval); Mexico]
- Reeve, John**
2012. Amazon to Inca. *The Comma* 83: 25-27, figs. [general; Peru]
- Reeves, Rick**
2012. See Zipkin, E. F. et al., 2012.
- Regan, Eugenie C.**
2015. See Van Swaay, C. et al., 2015.
- Regan, Helen M.**
2013. See Molina, A. et al., 2013.
2016. See Molina, A. et al., 2016.
- Regera, Silvio**
2003. See Rivero, A. et al., 2003
- Regetz, James**
2012. See Zipkin, E. F. et al., 2012.
- Regidor, Ingrid**
2015. See Ruiz, J. et al., 2015.
- Regier, Jerome C.**
2009. See Roe, A. D. et al., 2009.
2011. See Nieukerken, E. J. van et al., 2011.
- Regier, Jerome C., Charles Mitter, Andreas Zwick, Adam L. Bazinet, Michael P. Cummings, Akito Yuji Kawahara, Jae-Cheon Sohn, Derrick Joel Zwickl, Soowon Cho, Donald R. Davis, Joaquin Baixeras, John Wesley Brown, Cynthia S. Parr, Susan J. Weller, David C. Lees and Kim T. Mitter**
2013. A large-scale, higher-level, molecular phylogenetic study of the insect order Lepidoptera (moths and butterflies). *PLoS ONE* 8(3)(e58568): 1-23, 6 figs., 5 tabs. (12 March) [general]
- Regier, Jerome C., Andreas Zwick, Michael P. Cummings, Akito Yuji Kawahara, Soowon Cho, Susan J. Weller, Amanda D. Roe, Joaquin Baixeras, John Wesley Brown, Cynthia S. Parr, Donald R. Davis, Marc E. Epstein, Winifred D. Hallwachs, Axel Hausmann, Daniel Hunt Janzen, Ian James Kitching, María Alma Solís, Shen-Horn Yen, Adam L. Bazinet and Charles Mitter**
2009. Toward reconstructing the evolution of advanced moths and butterflies (Lepidoptera: Ditrysia): an initial molecular study. *BMC evolutionary Biology* 9(280): 1-21, 3 figs., 3 tabs. (2 December) [general]
- Regnier, Fred E.** [1938- ], and **John H. Law**
1968. Insect pheromones. *Journal of Lipid Research* 9(5): 541-551, 2 figs., 4 tabs. (September) [*Lycorea ceres* (Cramer)]
- Rego, Constantino do Valle, Jalmirez Guimarães Gomes and Galdino Brandão Alvim**
1945. Doenças e pragas das plantas de horta. *Publicações. Serviço de Documentação. Ministério da Agricultura* (Rio de Janeiro) 166: 1-230, 32 pls. [general; host plants; Brazil]
1951. Doenças e pragas das plantas de horta. Fascículo III. Família das Crucíferas. *Publicações. Serviço de Informação agrícola. Ministério da Agricultura* (Rio de

- Janeiro) 166: 28 pp., 2 figs. [Ed. 2] [general; Pieridae; host plants; Brazil]
- 1952a. Doenças e pragas das plantas de horta. Fascículo V. Família das Leguminosas. *Publicações. Serviço de Informação agrícola. Ministério da Agricultura* (Rio de Janeiro) 166: 42 pp., 4 figs. [Ed. 2] [*Goniurus proteus* (Linnaeus); host plants; Brazil]
- 1952b. Doenças e pragas das plantas de horta. Fascículo VI. Família das Solanáceas. *Publicações. Serviço de Informação agrícola. Ministério da Agricultura* (Rio de Janeiro) 166: 74 pp., 23 figs. [Ed. 2] [*Mechanitis lysimnia* (Fabricius); host plants; Brazil]
- 1952c. Doenças e pragas das plantas de horta. Fascículo VIII. Família das Quenopodiáceas e das Umbelíferas. *Publicações. Serviço de Informação agrícola. Ministério da Agricultura* (Rio de Janeiro) 166: 18 pp., 2 figs. [Ed. 2] [*Papilio polyxenes* Fabricius; host plants; Brazil]
- Regolin, André Luis**  
2018. See Santos, J. P. dos et al., 2018.  
2019. See Santos, J. P. dos et al., 2019.
- Rehfeldt, Gerald E.**  
2012. See Sáenz, C. et al., 2012.  
2015. See Ramírez, M. I. et al., 2015.
- Rehfous, Marcel** [1886-1976]  
1966. La Société Entomologique de Genève 1905-1965. *Mitteilungen. Entomologischen Gesellschaft Basel* (Neue Folge) 16(4/6): 77-84. [general; history]
- Rehnelt, Kurt** [1923-1990]  
1983. Notiz über *Colias*-Fundorte (Pieridae, Lep.). *Nota lepidopterologica* 6(4): 244-245 (31 December) [*C. mossi* Rothschild; Peru]
- Reich, Paul**  
1931. Durch Bananentransporte eingeschleppte Arthropoden. *Mitteilungen der deutschen entomologischen Gesellschaft* 2(10): 146-149 (December) [Brassolinae; pupa, imago; Colombia]  
1932. Durch Bananentransporte eingeschleppte Schmetterlinge. II. *Mitteilungen der deutschen entomologischen Gesellschaft* 3(5): 67-69 (May) [Brassolinae; host plants; larvae, pupae, imagines; Mexico, Central and South America]
- Reichenbach, Anton Benedikt** [1807-1880]  
1838. See Thon, T. C. G. & A. B. Reichenbach, 1838.
- [Reichenbach, Heinrich Gottlieb Ludwig]** [1793-1879]  
1817. Die Schmetterlinge von Europa. *Jenaische allgemeine Literatur-Zeitung* 14(1)(35): 273-280 (February), (36): 281-288 (February), (37): 289-293 (February) [general; book review]
- Reichert, Beth**  
2010. See Hanson, P. E. et al., 2010.
- Reichert, Rolf**  
1939. See Schöpf, C. et al., 1939.
- Reichhoff, Josef H.** [1945- ]  
1973. Gemeinschaftliches Schlafen beim Neotropischen Dickkopffalter *Sarbia damippe* Mabillet et Bullet [sic] (Lepidoptera, Hesperidae). Communal roosting in the South American hesperiid *Sarbia damippe*. *Deutsche entomologische Zeitschrift* (N.F.) 20(4/5): 355-356 (15 November) [Brazil]
- Reichle, Steffen**  
2006a. See Gareca, Y. et al., 2006a.  
2006b. See Gareca, Y. et al., 2006b.  
2006c. See Gareca, Y. & S. Reichle, 2006.  
2009. See Gareca, Y. et al., 2009.  
2010. See Gareca, Y. & S. Reichle, 2010.
- Reid, H.**  
1911. Lepidoptera from Falkland Islands. *Transactions of the City of London entomological and natural History Society* 20: 5 (April) [*Argynnis cipheros* (sic) (Drury)]
- Reid, Martin**  
2008. A new genus of swallowtail for the United States: *Mimoides phaon* (Boisduval, 1836) (Papilionidae: Papilioninae). *News of the Lepidopterists' Society* 50(3/4): 75, 87, 1 fig. [Mexico]
- Reid, Martin, and Andrew David Warren**  
2009. A new grass skipper for Texas and the United States: *Mnasilus allubita* (Hesperidae: Hesperinae: Moncini). *News of the Lepidopterists' Society* 51(4): 115-117, 3 figs. (5 December) [Neotropics]
- Reiff, William**  
1918. *Morpho cypris* Westw. f. *mirandus* form. nov. *Lepidoptera* (Boston) 2(8): 58-59 (15 August) [Colombia]  
1919a. Notes to plate no. 3. *Lepidoptera* (Boston) 3(8): 60-62, pl. 3 (15 August) [*Heliconius charitonius* (Linnaeus); Neotropics]  
1919b. Notes to plate no. 5, fig. 2. *Lepidoptera* (Boston) 3(11): 84-85, pl. 5, fig. 2 (15 November) [*Papilio cresphontes* Cramer; Mexico, Cuba, Central America]
- Reina, Diana, Diego Riaño, Lucía Aguilar and José Ricardo Cure**  
2013. *Visitantes florales (Arthropoda: Insecta) en zona de sub-páramo en los cerros orientales de la Sabana de Bogotá, Colombia*, pp. 599-604, 2 figs., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [Nymphalidae, Hesperidae]
- Reinhardt, Domingo Haroldo**  
2009. See Matos, A. P. de & D. H. Reinhardt, 2009.
- Reinhardt, Domingo Haroldo, José Renato Santos Cabral, Luiz Francisco da Silva Souza, Nilton Fritzon Sanches and Aristóteles Pires de Matos**  
2002. Pérola and smooth cayenne pineapple cultivars in the state of Bahia, Brazil: growth, flowering, pests, diseases, yield and fruit quality aspects. *Fruits* 57(1): 43-53, 4 figs., 2 tabs. [*Thecla basilides* (Geyer); host plant]
- Reinoso, Gladys**  
2007. See García, J. F. A. et al., 2007.  
2009. See Ospina, L. A. & G. Reinoso, 2009.  
2010. See Ospina, L. A. et al., 2010.  
2015. See Ospina, L. A. et al., 2015.  
2016. See Peña, J. M. & G. Reinoso, 2016.
- Reis, Edmar Simões dos**  
2015. See Bedê, L. C. et al., 2015.
- Reis, Mario dos**  
2019. See Kawahara, A. Y. et al., 2019.
- Reis, Paulo Rebelles**  
1981. Pragas do abacaxizeiro. *Informe agropecuário* (Belo Horizonte) 7(74): 29-32, 6 figs., 2 tabs. (February) [*Thecla basilides* (Geyer); life history; host plant; Brazil]
- Reis, Paulo Rebelles, and Júlio César de Souza**  
1980. Pragas da bananeira. *Informe agropecuário* (Belo Horizonte) 6(63): 36-41, 12 figs., 2 tabs. (March) [*Caligo illioneus* (Cramer), *Opsiphanes invirae* (Hübner); Brazil]
- Reis, Veronica Massena, André Ricardo Vieira de Carvalho and Vera Lúcia Divan Baldani**  
2001. O dendê (*Elaeis guineensis* Jacq.). *Documento. Embrapa Agrobiologia* 138: 1-25, 3 figs., 2 tabs.

- (December) [*Brassolis sophorae* (Linnaeus); host plant; Brazil]
- Reiser, James**
1995. Swallowtail butterflies of the Americas. Hamilton A. Tyler, Keith S. Brown, Jr., and Kent H. Wilson. 1994. *Annals of the entomological Society of America* 88(3): 384-385 (May) [general; book review]
- Reissinger, Eduard Johannes** [1920-1991]
1969. See Baumann, H. & E. J. Reissinger, 1969.
1970. Neue neotropische Pieriden (Lepidoptera, Dismorphiinae et Pierinae). *Acta entomologica Musei nationalis Pragae* 38: 409-414, 2 pls. (30 November) [*Dismorphia* (*Dismorphia*) *critomedia neblina*, *D. (D.) doris*, *D. (Acmepteron) cinerascens christa*, *Enantia versicolora eva*, *Catasticta hanna*, *C. tomyris barbara*, *Pereute callinira* male form *pallida*, *P. lindemanna*]
- 1972a. Zur Taxonomie und Systematik der Gattung *Catasticta* Butler (Lepidoptera, Pieridae). *Entomologische Zeitschrift* 82(10): 97-112 (15 May), (11): 113-124 (1 June) [general; new taxa: *C. reducta microperuviana*, *C. blanca*, *C. zamora*, *C. igneata*, *C. roeberi*, *C. loja*, *C. maja*, *C. contrasta*, *C. acomayo*, *C. carpis*, *C. confusa*, *C. gabrieli*, *C. macropinava*, *C. goodsoni*, *C. browni*, *C. huanuco*, *C. joceyi*, subgenus *Archonoia*, *C. bamba*, *C. potameoides*, *C. fuliginosa*, subgenus *Pierinoia*, *C. bithys rosenbergi*, *C. flisa hermione*, *C. f. alcyone*, *C. f. avinoffi*, *C. flisandra*, *C. flisella*, subgenus *Leodontoia*, *C. hammurabi*, *C. arborardens*, *C. toppini ariadne*, *C. albofascia rubroreducta*, *C. marcapita roberti*, subgenus *Hesperochoia*, *C. tomyris subtomyris*, *C. toca tocata*, *C. apaturina supraturina*, *C. subturina*, *C. meleander*, *C. spectrum*; Mexico, Central and South America]
- 1972b. Eine neue *Colias*-Unterart aus Peru (Lepid. Pieridae). *Atalanta* 4(1): 60-64, 1 pl. (June) [general; *C. euxanthe stuebeli*]
- Reith, Martin, and Scott Zona**
2016. Nocturnal flowering and pollination of a rare Caribbean sage, *Salvia arborescens* (Lamiaceae). *Neotropical Biodiversity* 2(1): 115-123, 5 figs. (published online 13 September) [*Anetia jaegeri* (Ménétriés), *Nyctelius nyctelius* (Latreille); Dominican Republic]
- Reixach, P.**
1962. See Báscones, L. et al., 1962.
- Remigio, Ed**
2005. See Janzen, D. H. et al., 2005.
- Rémillet, Michel**
1988. *Catalogue des insectes ravageurs des cultures en Guyane Française*. Paris, ORSTOM. 235 pp., 64 figs. (February) [general; life histories; host plants]
- Remington, Charles Lee** [1922-2007]
1948. A blood-sucking fly attacking Lepidoptera. *Lepidopterists' News* 2(6): 67 (13 August) [*Eurema*; Venezuela]
1949. Review of Volume I of Hayward's Rhopalocera of Argentina. *Lepidopterists' News* 3(6): 66 (23 September) [Hesperiidae]
1954. *The genetics of Colias (Lepidoptera)*, pp. 403-450, 6 figs., 14 tabs. In: *Advances in Genetics*. New York, Academic Press Inc. 6. [general; biochemistry; Neotropics]
1957. See Remington, J. E. & C. L. Remington, 1957.
- 1960a. See Maeki, K. & C. L. Remington, 1960a.
- 1960b. See Maeki, K. & C. L. Remington, 1960b.
- 1961a. See Maeki, K. & C. L. Remington, 1961a.
- 1961b. See Maeki, K. & C. L. Remington, 1961b.
1963. Historical backgrounds of mimicry. *Proceedings of the 16th international Congress of Zoology* (Washington, D.C.) 4: 145-149 (September) [general]
1968. *Suture-zones of hybrid interaction between recently joined biotas*, pp. 321-428, 45 figs., 10 tabs. In: Dobzhansky, T., M. K. Hecht & W. C. Steere (Eds.), *Evolutionary Biology*. New York, Appleton, Century, Crofts. 2. [*Papilio polyxenes* Fabricius; Colombia]
1973. Ultraviolet reflectance in mimicry and sexual signals in the Lepidoptera. *Journal of the New York entomological Society* 81(2): 124 (20 August) [general; South America]
1976. Part male, part female: the expression of mixed sexuality in insects. *Discovery* 11(2): 50-59, 17 figs. [general; *Morpho aega* (Hübner); Brazil]
1985. Genetical differences in solutions to the crises of hybridization and competition in early sympatry. *Bolettino di Zoologia* 52(1/2): 21-43, 17 figs., 1 tab. (10 June) [*Junonia* spp., Megathymidae; Mexico, Cuba]
1995. *Lepidoptera studies*, pp. 274-283. In: Alexandrov, V. E. (Ed.), *The Garland Companion to Vladimir Nabokov*. New York, Garland Publishing, Inc. 798 pp. [general; Neotropics]
- Remington, Charles Lee, and Barbara L. Narendra**
1992. Butterflies, moths, and others. *Discovery* 23(1): 40-44, 1 fig. [general]
- Remington, Charles Lee, and Jeanne Ehrenborg Remington**
1948. International aid. *Lepidopterists' News* 2(6): 61 (13 August) [collection destroyed; Colombia]
- Remington, Jeanne Ehrenborg**
1948. See Remington, C. L. & J. E. Remington, 1948.
- Remington, Jeanne Ehrenborg, and Charles Lee Remington**
1957. Mimicry, a test of evolutionary theory. *Yale Science Magazine* 32(1): 10-11, 13-14, 16-17, 19, 21, figs. (October) [general; Neotropics]
- Remington, Pardon Sheldon**
1961. An expedition to Mexico for Megathymidae. *Journal of the Lepidopterists' Society* 15(1): 67-72 (9 November) [general]
- Remón, Herlinda F.**
2001. See Hernández, E. L. et al., 2001.
- Remy, Federico E.**
1898. *Apuntes sobre el clima y flora de la región del Pichis*. Lima, Imprenta del "Monitor Popular". 39 pp., pls. [general; Peru]
- Remy, Jorge**
1971. Recomendaciones para el cultivo del arroz. Prov. de Pacasmayo. *Arroz* (Lima) 5(24): 18-20 (January-February) [*Prenes ares* Felder, *Nyctelius nyctelius* (Latreille); Peru]
- Ren, Dong**
2016. See Labandeira, C. C. et al., 2016.
- Ren, Hechun**
2018. See He, J. et al., 2018.
- Ren, Luquan**
2015. See Niu, S. et al., 2015.
- Ren, ZhuMei**
2008. See Zhang, M. et al., 2008.
- Renard, Yves**
1985. See Geoghegan, T. & Y. Renard, 1985.
- Rendón, Eduardo**
1995. See Alonso, A. et al., 1995.
1997. See Alonso, A. et al., 1997.
1998. See Alonso, A. et al., 1998.
2004. See Brower, L. P. et al., 2004.
- 2005a. See Galindo, C. & E. Rendón, 2005.

- 2005b. *La conservación de la mariposa monarca en México*, pp. 169-173, 2 figs., 1 tab. In: Villaseñor, L. E. (Ed.), *La biodiversidad en Michoacán. Estudio de estado*. México, Comisión Nacional para el Conocimiento y Uso de la Biodiversidad. (November) [*Danaus plexippus* (Linnaeus); Mexico]
2010. See Davis, A. K. & E. Rendón, 2010.
- 2014a. See Vidal, O. et al., 2014.
- 2014b. See Vidal, O. & E. Rendón, 2014.
- 2015a. See Ries, L. et al., 2015a.
- 2015b. See Oberhauser, K. S. et al., 2015a.
- 2015c. See Ries, L. et al., 2015b.
2017. See Pfeiler, E. J. et al., 2017.
2019. See Saunders, S. P. et al., 2019.
- Rendón, Eduardo, Adriana Valera, Karla Rodríguez and Carlos Galindo**
2005. Monitoreo de las colonias de hibernación de mariposa monarca, 2004-2005: Reporte preliminar. *Mesoamericana* 9(3): 7-12, 5 figs., 3 tabs. (September) [*Danaus plexippus* (Linnaeus); Mexico]
- Renesto, Erasmo, and Yoko Terada**
1990. Relationship between the parasitoid *Apanteles ayerzai* (Brethes, 1920) (Hymenoptera: Braconidae) and *Ascia monuste orseis* (Godart, 1819) (Lepidoptera: Pieridae): effects of host age. *Ciência e Cultura* (São Paulo) 42(11): 967-970, 1 fig., 2 tabs. (November) [host plant; Brazil]
- Rengifo, Elsa**
2007. See Vásquez, J. et al., [2007].
- Renner, Susanne S.**
2012. See Filipowicz, N. & S. S. Renner, 2012.
- Renou, Michel**
1983. Les récepteurs gustatifs du tarse antérieur de la femelle d'*Heliconius charitonius* (Lep.: Heliconiidae). *Annales de la Société entomologique de France* (N.S.) 19(1): 101-106, 8 figs. (July)
- Rentería, Enrique**
1991. See Echeverri, L. F. et al., 1991.
- Renwick, John Alan Alexander, and Frances Sze-Ling Chew**
1994. Oviposition behavior in Lepidoptera. *Annual Review of Entomology* 39: 377-400 [general]
- Reppert, Steven Marion** [1946- ]
2003. See Froy, O. et al., 2003.
2009. See Lucas, K. M. et al., 2009.
- 2011a. See Heinze, S. & S. M. Reppert, 2011.
- 2011b. See Zhan, S. et al., 2011.
- 2012a. See Merlin, C. et al., 2012.
- 2012b. See Guerra, P. A. et al., 2012.
2013. See Guerra, P. A. & S. M. Reppert, 2013.
2014. See Zhan, S. et al., 2014.
- Reppert, Steven Marion, and Jacobus C. de Roode**
2018. Demystifying monarch butterfly migration. *Current Biology* 28(17): 1009-R1022, 3 figs. (10 September) [*Danaus plexippus* (Linnaeus); Mexico]
- Reppert, Steven Marion, Haisun Zhu and Richard H. White**
2004. Polarized light helps monarch butterflies navigate. *Current Biology* 14(2): 155-158, 4 figs. (20 January) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Resck, Inês Sabioni**
1997. See Mahajan, J. R. & I. S. Resck, 1997.
- Resende, André Luis Santos, Elen de Lima Aguiar-Menezes, José Guilherme Marinho Guerra, Marcelo Teixeira Tavares and Eurípedes Barsanulfo Menezes**
- [2010]. Ocorrência de *Astrartes talus* (Cramer, 1777) (Lepidoptera: Hesperiiidae) em associação com *Mucuna pruriens* (L.) De Candolle, 1825 (Fabaceae) e seus parasitóides (Hymenoptera) em Seropédica, Rio de Janeiro, Brasil. *Entomotropica* 24(2): 89-94, 8 figs. ("August 2009", [2010]) [life history; host plant]
- Resende, Felipe Oliveira**
2015. See Bedê, L. C. et al., 2015.
- Resende, Janete Jane**
2009. See Bichara Filho, C. C. et al., 2009.
- Restrepo, Alejandra**
2011. See Muriel, S. B. et al., 2011.
- [2013]a. See Muriel, S. B. et al., [2013]a.
- [2013]b. See Muñoz, J. A. et al., [2013]a.
- 2013c. See Muñoz, J. A. et al., 2013b.
2015. See Muriel, S. B. et al., 2015.
- Restrepo, Rubén** [1939-1996]
1992. See Andrade, M. G. & R. Restrepo, 1992.
- Restrepo, Silvia**
2018. See Castillo, L. P. et al., 2018.
- Retana-Salazar, Axel**
2012. See Sánchez-Monge, A. et al., 2012.
- Rettenmeyer, Carl William** [1931-2009]
1970. Insect mimicry. *Annual Review of Entomology* 15: 43-74. [general]
- Rettenmeyer, Carl William, Marian E. Rettenmeyer, J. Joseph and Stefanie M. Berghoff**
2011. The largest animal association centered on one species: the army ant *Eciton burchelli* and its more than 300 associates. *Insectes sociaux* 58(3): 281-292, 9 figs., 1 tab. (August; published online 6 November 2010) [general; Neotropics]
- Rettenmeyer, Marian E.**
2011. See Rettenmeyer, C. W. et al., 2011.
- Reuss, Franz Albert Theodor** [1879-1958]
1910. A phylogenetic sketch of the pyraeid group of vanessids. *Entomologist's Record and Journal of Variation* 22(1): pl. 1 (15 January), (3): 62-67 (15 March), (4): 85-90 (15 April) [general]
1920. Die Androconien von *Yamea cytheris* Drury und die nächststehenden analogen Schuppenbildung bei *Dione* Hbn. und *Brenthis* Hbn. (Lep.). *Entomologische Mitteilungen* 9(10/12): 192 (30 October) [Chile]
- 1921a. The androconia (plumulae) of *Yamea (Boloria) cytheris* (Drury), with comparative details new to science. *Societas entomologica* 36(1): 4 (2 January) [Chile]
- 1921b. *Yamea* nov. gen. A supplementary note to (*antea*): The androconial scales of *Yamea* (n.g.) *cytheris* (Drury). *Societas entomologica* 36(4): 15-16 (1 April) [Chile, Bolivia]
- 1921c. Neue Beiträge zur Artfrage, zur Variation und zur natürlichen Gruppierung der Dryadinae (Lep.). *Entomologische Mitteilungen* 10(6): 186-191, pl. 1 (1 November) [general; Bolivia]
- 1922a. Eine Androconialform von "*Argynnis*" *niobe* L., f. n., und durch entsprechende ♂♂ gekennzeichnete ostasiatische Formen oder Arten, die bisher zu "*adippe*" L. (rect. *cydippe* L.) gerechnet wurden, sich aber nunmehr durch Art und Verteilung der Androconien abtrennen lassen. Mit einer Revision des "Genus *Argynnis* F.". *Archiv für Naturgeschichte* (A)87(11): 180-230 (April) [*Yamea*, *Euptoieta*]
- 1922b. Über die Phylogenie der Zierhaken (=Unkus, Teil der Sexualarmaturen) im Genus *Dryas* (Lep. Nymphal.). *Deutsche entomologische Zeitschrift* 1922(4): 365-368, 7 figs. (1 December) [general; South America]

1926. Systematischer Überblick der Dryadinae T. Rss. mit einigen Neubeschreibungen (Lep. Rhopal.). *Deutsche entomologische Zeitschrift* 1926(1): 65-70 (10 April) [general; Mexico]
1927. Über Funktion der Sexualarmaturen bei Lepidopteren (Rhop.) und die resultierende Weiterentwicklung meines versuchten natürlichen Systems der Dryadinae T. R. *Deutsche entomologische Zeitschrift* 1926(5): 431-440, figs. (25 January) [general]
- Reuter, Enzo Rafael** [1867-1951]
1896. Über die Palpen der Rhopalocera. Ein Beitrag zur Erkenntnis der verwandtschaftlichen Beziehungen unter den Tagfaltern. *Acta Societatis Scientiarum fennicae* 22(1): i-xvi, 1-577, 6 pls. (after May) [general; new genus: *Nymphopsis*]
1898. On a new classification of the Rhopalocera. *Entomologist's Record and Journal of Variation* 10(2): 25-26, pl. 1 (15 February), (3): 75-77 (15 March), (4): 95-98 (15 April) [general]
- Reveal, James Lauritz** [1941-2015]
1988. See Shields, A. O. & J. L. Reveal, 1988.
- Reverdin, Jaques-Louis** [1842-1929]
1914. Notes sur les genres *Carcharodus*, *Hesperia* et *Thanaos*. *Bulletin de la Société lépidoptérologique de Genève* 3(1): 38-77, pls. 3-4, 7 figs. (August) [general]
1915. A hitherto unknown organ in the ancillary appendages of the Lepidoptera (*Ageronia* sp.). *Entomologist's Record and Journal of Variation* 27(5): 97-98, pl. 2 (15 May) [general]
1917. Quelques appareils annexes aux organes génitaux externes chez les lépidoptères. *Mitteilungen der schweizerischen entomologischen Gesellschaft* 12(9/10): 405-409 (December) [general]
1919. Note sur *Hesperia syrictus* Fab. *Bulletin de la Société lépidoptérologique de Genève* 4(2): 96-107, pls. 4-5, 3 figs. (May) [general; morphology; new taxa: *H. s. var. fumosa*, *H. syrictides*]
- 1921a. *Hesperia syrictus* Fab. Note complémentaire. *Bulletin de la Société lépidoptérologique de Genève* 4(3/4): 166 (June) [Colombia]
- 1921b. *Hesperia tessellata* Scudder var. *occidentalis* Skinner. *Pyrgus montivagus* Reakirt. *Syrictus notatus* Gay. *Bulletin de la Société lépidoptérologique de Genève* 4(3/4): 168-185, pls. 6-7, 8 figs. (June) [Mexico, Central and South America]
- Revers, Luis Fernando**
2011. See Mega, N. O. & L. F. Revers, 2011.
2018. See Nardin, J. de et al., 2018.
- Rey, Fernando** [1958-2010]
1994. Distribución geográfica de Pieridae (Lepidoptera: Insecta) del Estado Táchira. *Revista científica de la UNET* (San Cristóbal) 8(1): 37-54, 1 fig. [general; Venezuela]
1999. See Wojtusiak, J. & F. Rey, 1999.
- Rey, Fernando, and Tomasz Wilhelm Pyczk**
1996. A perfect mimicry of two cloud forest pierids: *Leptophobia eleone* and *Catasticta revancha* new sp. (Lepidoptera: Pieridae). *Genus* (Wroclaw) 7(3): 497-502, 3 figs. (30 October) [Venezuela]
- Rey, Jean Edouard Eugène** [=Eugen] [1866-1941]
1900. [A note]. *Berliner entomologische Zeitschrift* 45(3/4): (46) (mid December) [*Gonepteryx clorinde* (Godart); Paraguay]
- Reyes, Elba Esther**
1984. See Fontenla, J. L. et al., 1984.
2004. See Hidalgo, M. M. et al., 2004.
- Reyes, Elba Esther, and Luis Martín Hernández**
1995. Tipos de Insecta depositados en la colección del Instituto de Ecología y Sistemática. *Cocuyo* 3: 2-3 (June) [general; Cuba]
- Reyes, Elba Esther, Marta Milagros Hidalgo and Ángel D. Álvarez**
2002. Juan Gundlach y su colección entomológica. *Cocuyo* 12: 20-21, 1 fig. (September) [general; Cuba]
- Reyes, Elba Esther, and Rayner Núñez**
2006. Hesperiidae (Lepidoptera: Insecta) de la colección del Instituto de Ecología y Sistemática, Cuba. *Cocuyo* 16: 37-39 (November) [general]
2008. La entomología en la filatelia cubana. *Boletín de la Sociedad entomológica aragonesa* 43: 459-462 (30 November) [general]
- Reyes, Elba Esther, and Adrian David Trapero-Quintana**
2018. Colección entomológica del Instituto de Ecología y Sistemática con etiquetas circulares del catálogo numérico de Pastor Alayo Dalmau. *Poeyana* 507: 57-75, 1 fig., 1 tab. ([18] December) [general; Cuba]
- Reyes, Jazmina**
2016. See Maes, J.-M. & J. Reyes, 2016.
- Reyes, Jorge**
2010. See Lauranzón, B. et al., 2010.
2011. See Lauranzón, B. et al., 2011.
- Reyes, Juan José**
1984. Mariposa monarca. *Atala* 9(1/2): 9-10 (April) [*Danaus plexippus* (Linnaeus); Mexico]
- Reyes, Luis G.**
1936. See Pando, N. de et al., 1936.
- Reyes, Marco Antonio**
2005. See Rodríguez, L. Á. & M. A. Reyes, 2005.
- Reyes, Renato**
1960. Colecta entomológica y relación de los viajes de D'Orbigny y del Alert a Chile. *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 2: 255-263. [*Yramea cytheris* (Drury), *Tatochila theodice* (Boisduval)]
- Reyes, Sandy**
2013. See Cervantes, I. P. et al., 2013.
- Reyes-Aguero, Juan Antonio**
2019. See Rodríguez-Lucio, V. G. et al., 2019.
- Reyes-Aguilera, Claudia Edith, Jéssica Grétel Loza-León and Fernando Carlin-Castelán**
2019. Diversidad alfa y beta de lepidópteros diurnos (Rhopalocera [sic]) en el Municipio de Cerro de San Pedro, San Luis Potosí. *Entomología mexicana* 6: 328-333, 2 figs., 2 tabs. (July) [general; Mexico]
- Reyes-Camargo, John Edison**
2019. See Moreno-Mancilla, O. F. et al., 2019.
- Reynolds, Bryan E.**
2009. Capturing butterflies photographically. *Wings* 32(1): 10-14, 4 figs. [general; Guyana]
- Reynolds, Jorge**
2016. *Las mariposas de Caldas, una historia para contar*, pp. 117-121. In: Valencia, D. (Ed.), *Francisco José de Caldas 1768-1816. Bicentenario de su muerte. Memorias Tercera Jornada Caldas*. Medellín, Academia Colombiana de Ciencias Exactas, Físicas y Naturales. (March) [general; history; Colombia]
- Rezbanyai-Reser, Ladislaus**
- 1998a. Beiträge zur Insektenfauna von Jamaika, Westindien (Karibik). 1. Einleitung und Tagfalter (Lepidoptera: Rhopalocera). *Entomologische Berichte Luzern* 39: 131-182, 23 figs., 2 tabs., 5 maps [general]
- 1998b. Beiträge zur Insektenfauna von Jamaika, Westindien

- (Karibik). 2. Dickkopffalter (Lepidoptera: Hesperidae). *Entomologische Berichte Luzern* 40: 143-150, 4 figs., tabs. 3-4 [general]
2003. Mona Campus, Kingston (ein Reisebericht). *Mitteilungen der entomologischen Gesellschaft Basel* 52(4): 143-153, 9 figs. (15 April) [*Pterourus homerus* (Fabricius); host plant; Jamaica]
2010. Beiträge zur Insektenfauna von Jamaika, Westindien (Karibik). Berichtigungen und Nachträge zur Fauna von Spring Garden, Reading, S. James (Lepidoptera: Sphingidae, Lycaenidae, Sematuridae, Hyblaeidae, Notodontidae). *Lepidopterologische Mitteilungen aus Luzern* 6: 1-24, 13 figs., 7 tabs. (31 December) [*Chlorostrymon simaethis jago* (Comstock & Huntington), *Electrostrymon angelia pantoni* (Comstock & Huntington)]
- Rezande, Walisson Mickael Alves**  
2018. See Pereira, S. et al., 2018.
- Rhains, Marc, Carlos Manuel Chinchilla and Geovany Castrillo**  
1993. Desarrollo de un método de muestreo para las larvas de *Opsiphanes cassina* Felder en palma aceitera. *Manejo integrado de Plagas* 30: 15-18, 2 figs., 3 tabs. (December) [host plant; Costa Rica]
- Rhains, Marc, Gerhard Gries and Juan Luis Morales**  
1996. Oviposition deterrence in pineapple borer females, *Thecla basilides* (Lepidoptera: Lycaenidae). *Ecological Entomology* 21(1): 105-106, 1 fig. (February) [Costa Rica]
- Rheinheimer, Ana Raquel**  
2016. See Pizzatto, M. et al., 2016.
- Rhò, Filippo** [1856-1935]  
1883. Una escursione a Chimbo nell'Ecuador. *Bollettino della Società geografica italiana* (2)8(4): 310-314 (April) [general]
- Rhodes, Andrea**  
1976. See Andresen, J. et al., 1976.
- Rhodes, Barbara**  
2015. See Peale, T. R. et al., 2015.
- Riaño, Diego**  
2013. See Reina, D. et al., 2013.
- Riascos, Yilton**  
2015. See Vélez, D. M. et al., 2015.
- Ribbe, Carl** [1860-1934]  
[1931]. *Anleitung zum Sammeln in tropischen Ländern*. Stuttgart, Alfred Kernen Verlag. 214 pp., 19 figs. [general; collecting techniques]
- Ribeiro, Adela**  
2000. See Alzugaray, R. & A. Ribeiro, 2000.
- Ribeiro, Arthur Vieira, Elizeu de Sá Farias, Abraão Almeida Santos, Claudinei Andrade Filomeno, Izailda Barbosa dos Santos, Luiz Cláudio de Almeida Barbosa and Marcelo Coutinho Picanço**  
2018. Selection of an essential oil from *Corymbia* and *Eucalyptus* plants against *Ascia monuste* and its selectivity to two non-target organisms. *Crop Protection* 110: 207-213, 4 figs., 2 tabs. (August; published online 23 August 2017) [Brazil]
- Ribeiro, Bergmann Morais**  
2015. See Silva, L. A. da et al., 2015.  
2018. See Santos, E. R. dos et al., 2018.
- Ribeiro, Bergmann Morais, Ethiane Roza dos Santos, Luana Beló Trentin, Leonardo Assis da Silva, Fernando Lucas de Melo, Elliot Watanabe Kitajima and Daniel Mendes Pereira Ardisson de Araújo**  
2019. A nymphalid-infecting group I alphabaculovirus isolated from the major passion fruit caterpillar pest *Dione juno juno* (Lepidoptera: Nymphalidae). *Viruses* (Basel) 11(602): 1-12, 6 figs. (3 July) [host plant; Brazil]
- Ribeiro, Bergmann Morais, Paolo Marinho de Andrade Zanotto, Samuel McDowell, Marlinda Lobo de Souza and Elliot Watanabe Kitajima**  
1997. Characterization [sic] of a baculovirus infecting the passion fruit caterpillar [sic] *Dione juno juno*. *Biocell* 21(1): 71-82, 5 figs., 1 tab. (May) [*Agraulis vanillae* (Linnaeus); host plant; Brazil]
- Ribeiro, C. M.**  
1977. See Brun, P. G. et al., 1977.
- Ribeiro, Cibele Madalena Xavier**  
2013. See Dorval, A. et al., 2013.
- Ribeiro, Danilo Bandini**  
2012. See Uehara-Prado, M. & D. B. Ribeiro, 2012.  
2014a. See Brito, M. M. et al., 2014.  
2014b. See Sant'Anna, C. L. B. et al., 2014.  
2015. See Freitas, A. V. L. et al., 2015a.  
2017. See Rosa, A. H. B. et al., 2017.  
2018. See Santos, J. P. dos et al., 2018.  
2019a. See Santos, J. P. dos et al., 2019.  
2019b. See Rosa, A. H. B. et al., 2019a.
- Ribeiro, Danilo Bandini, Rômulo Batista, Paulo Inácio Prado, Keith Spalding Brown, Jr. and André Victor Lucci Freitas**  
2012. The importance of small scales to the fruit-feeding butterfly assemblages in a fragmented landscape. *Biodiversity and Conservation* 21(3): 811-827, 5 figs., 1 tab. (March; published online 7 January) [general; Brazil]
- Ribeiro, Danilo Bandini, and André Victor Lucci Freitas**  
2010. Differences in thermal responses in a fragmented landscape: temperature affects the sampling of diurnal, but not nocturnal fruit-feeding Lepidoptera. *Journal of Research on the Lepidoptera* 42: 1-4, 1 fig. (31 January) [general; Brazil]
2011. Large-sized insects show stronger seasonality than small-sized ones: a case study of fruit-feeding butterflies. *Biological Journal of the Linnean Society* 104(4): 820-827, 3 figs. (December; published online 19 October) [general; Brazil]
2012. The effect of reduced-impact logging on fruit-feeding butterflies in Central Amazon, Brazil. *Journal of Insect Conservation* 16(5): 733-744, 4 figs., 3 tabs. (October; published online 31 January) [general]
2014. Brazil's new laws bug collectors. *Science* 345(6204): 1571, 1 fig. (26 September) [general; conservation]
- Ribeiro, Danilo Bandini, Paulo Inácio Prado, Keith Spalding Brown, Jr. and André Victor Lucci Freitas**  
2008. Additive partitioning of butterfly diversity in a fragmented landscape: importance of scale and implications for conservation. *Diversity and Distributions* 14(6): 961-968, 2 figs., 1 tab. (November; published online 8 July) [general; Brazil]
2010. Temporal diversity patterns and phenology in fruit-feeding butterflies in the Atlantic forest. *Biotropica* 42(6): 710-716, 2 figs., 2 tabs. (November; published online 4 August) [general; ecology; Brazil]
- Ribeiro, Danilo Bandini, Matthew R. Williams, Alexandre Specht and André Victor Lucci Freitas**  
2016. Vertical and temporal variability in the probability of detection of fruit-feeding butterflies and moths (Lepidoptera) in tropical forests. *Austral Entomology* 55(1): 112-120, 4 figs. (3 February; published online 30

June 2015) [general; Brazil]

**Ribeiro, F. A. Mauro**

1975. See Brito, I. A. M. & F. A. M. Ribeiro, 1975.

**Ribeiro, Flávia**

2015. See Bedê, L. C. et al., 2015.

**Ribeiro, Júlio César**

1998. See Ruzszczyk, A. & J. C. Ribeiro, 1998.

**Ribeiro, José Eduardo Lahoz da Silva**

2012. See Terra-Araújo, M. H. et al., 2012.

**Ribeiro, José Hércio Carneiro**

1953. Borboletas e mariposas. *Chácaras e Quintais* (São Paulo) 88(6): 835-838, 2 figs. (15 December) [*Caligo* spp.; Brazil]

**Ribeiro, Luciano José**

1997. See Picanço, M. C. et al., 1997.

1998. See Picanço, M. et al., 1998.

**Ribeiro, Matheus Souza Lima**

2015a. See Souza, T. S. et al., 2015b.

**Ribeiro, Milton Cezar**

2018. See Santos, J. P. dos et al., 2018.

2019. See Santos, J. P. dos et al., 2019.

**Ribeiro, Rafael Coelho**

2007. See Lemos, W. de P. et al., 2007.

2012. See Tinôco, R. S. et al., 2012.

2016. See Rodríguez-Dimaté, F. A. et al., 2016.

**Ribeiro, Rafael Coelho, Walkymário de Paulo Lemos, Aline Sales Bernardino, Joel Buecke and Antonio Agostinho Müller**

2010. Primeira ocorrência de *Alcaeorrhynchus grandis* (Dallas) (Hemiptera: Pentatomidae) predando lagartas desfolhadoras do dendezeiro no Estado do Pará. *Neotropical Entomology* 39(1): 131-132 (February) [*Brassolis sophorae* (Linnaeus), *Opsiphanes invirae* (Hübner); host plant; Brazil]

**Ribeiro, Rafael Coelho, Walkymário de Paulo Lemos, Ancidérion Antonio de Castro, Júlio César Melo Poderoso, José Eduardo Serrão and José Cola Zanuncio**

2013. *Trichospilus diatraeae* (Hymenoptera: Eulophidae): A potential biological control agent of lepidopteran pests of oil palm in the Brazilian Amazon. *Florida Entomologist* 96(2): 676-678, 1 fig. (June) [*Opsiphanes invirae* (Hübner), *Brassolis sophorae* (Linnaeus); host plant; parasitoid]

**Ribeiro, Rafael Coelho, Walkymário de Paulo Lemos, Lindáurea Alves de Souza and André Luis Nunes Rodrigues**

2006. Entomofauna associada a cultivos de *Heliconia* spp. e Bastão-do-imperador (*Etilingera elatior*) nos Municípios de Belém, Benevides e Castanhal, no Estado do Pará. *Comunicado técnico Embrapa* (Belém) 165: 1-4, 3 figs. (December) [*Thracides phidon* (Cramer); host plants; Brazil]

**Ribeiro, Rafael Coelho, Isabela de Oliveira Carvalho, Gabriely Köerich Souza, Hany Ahmed Fouad and Walkymário de Paulo Lemos**

2012. *Thracides phidon* (Cramer) (Lepidoptera: Hesperidae): Novo registro em plantios comerciais de *Heliconia* spp. na região amazônica do Brasil. *EntomoBrasilis* 5(1): 82-83, 1 fig. (April) [host plants]

**Ribeiro, Rafael Coelho, Tiago Georg Pikart, Hany Ahmed Fouad, Mariana Casari Parreira, José Cola Zanuncio, Marcus Alvarenga Soares and Vinícius Resende de Castro**

2019. *Trichospilus diatraeae* (Hymenoptera: Eulophidae): development and reproduction in Lepidoptera palm oil

pests. *Brazilian Journal of Biology* 79(3): 377-382, 2 figs., 1 tab. (31 August; published online 23 November 2018) [*Opsiphanes invirae* (Hübner), *Brassolis sophorae* (Linnaeus); host plants; Brazil]

**Ribeiro, Ricardo da Silva**

2006. See Salomão, A. T. et al., 2006.

**Ribeiro, Sérgio Pontes**

2011. See Carvalho Neto, C. de S. et al., 2011.

2018. See Santos, J. P. dos et al., 2018.

2019a. See Santos, J. P. dos et al., 2019.

2019b. See Lourenço, G. M. et al., 2019.

**Ribeiro, Taise Colpo**

2015. See Lemes, R. et al., 2015.

**Ribeiro, Victor de Miranda**

1931. Lepidópteros de Matto Grosso. Material colligido pelos senhores General Cândido Rondón, Prof. Alípio de Miranda-Ribeiro e Emil Stolle. *Boletim do Museu nacional do Rio de Janeiro* 7(1): 31-52 (March) [general; new taxa: *Catagramma rondoni*, *Caligo eurilochus* form *mattogrossensis*, *Morpho menelaus* form *innocentia*, *Pierella stollei*, *Taygetis andromeda* form *stollei*, *T. indecisa*, *Euptychia jamaryensis*, *E. ayaya* form *azulina*, *Pieris buniae* form *mattogrossensis*, *Daptonoura laria* form *alba*; Brazil]

**Ribeiro, Zulene Antônio**

2015. See Nogueira, L. et al., 2015.

2018. See Nogueira, L. et al., 2018.

**Ribeiro-Junior, Marco Antônio**

2007. See Barlow, B. J. et al., 2007a.

2008. See Gardner, T. A. et al., 2008.

**Ribeiro, Gustavo**

2016. See Zabala, J. M. et al., 2016.

**Ricalde, David, Norma Salinas and Gorky Valencia**

2005. *Evaluación rápida de la biodiversidad de las microcuencas del Valle Sur*, pp. 269-340, figs., 2 tabs., maps 34-36. In: Bernex, N. (Ed.), *Amanecer en el Bajo Huatanay. Diagnóstico de recursos naturales del Valle de Cusco*. Cuzco, Centro Guaman Poma de Ayala. (February) [general; Peru]

**Ricardo-Molina, José Carlos, Leydis Murillo and Pedro José Álvarez-Pérez**

2019. Larvas y plantas nutricias de Lepidoptera en fragmentos de bosque seco tropical del departamento de Sucre, Colombia (Insecta: Lepidoptera). *Shilap* 47(185): 5-24, 10 figs., 1 tab. (30 March) [general]

**Rice, Marlin E.**

2017. Lincoln P. Brower: Of monarchs and men. *American Entomologist* 63(2): 70-78, 10 figs. (8 June) [general]

2018. Paul Opler: The butterfly effect. *American Entomologist* 64(2): 71-78, 4 figs. (13 June) [general]

**Ricci, D. de**

1951. Premier contact avec la faune tropicale. *Revue française de Lépidoptérologie* 12(19/20): 321-328, pl. 9 (8 May) [general; Argentina; Brazil]

**Ricci, Franco Maria**

1986. Tropico degli insetti. Sibylla Merian entomopittrice nel Surinam. *Kos* (Milano) 3(25): 12-64, figs. (September) [with texts by Giorgio Celli, Chris Schriks, Jules Michelet, Henry Bolingbroke, and E. M. Verschuur] [general; history]

**Rice, Judy**

1999. In the clear. *Natural History* (New York) 108(5): 84-85, 1 fig. [*Pteronymia*; Costa Rica]

**Rice, Tony**

2000. *Voyages of discovery. Three centuries of natural history exploration*. London, The Natural History



- Museum. 335 pp., figs. [general]
- Rich, Paul M.**  
1991. See Weiss, S. B. et al., 1991.
- Richalot, Elodie**  
2013. See Mejdoubi, A. et al., 2013.
- Richard, Denis, and Michel Guédès**  
1983. The Papilionidae (Lepidoptera): Co-evolution with the angiosperms. *Phyton* 23(1): 117-126, 2 figs., 2 tabs. (15 February) [general]
- Richard, Geraldina Alicia**  
2015a. See Cerino, M. C. et al., 2015a.  
2015b. See Cerino, M. C. et al., 2015b.
- Richards, Albert Glenn, Jr.** [1909-1993]  
1942a. See Anderson, T. F. & A. G. Richards, 1942a.  
1942b. See Anderson, T. F. & A. G. Richards, 1942b.  
1944. Notes and news in entomology. *Entomological News* 55(7): 190-193, 1 fig. (30 June) [*Morpho cypris* Westwood; iridescence]  
1947. Studies on arthropod cuticle. I. The distribution of chitin in lepidopterous scales, and its bearing on the interpretation of arthropod cuticle. *Annals of the entomological Society of America* 40(2): 227-240, 1 tab. ("June", [20 August]) [general]
- Richards, Lora A.**  
2018. See Slinn, H. L. et al., 2018.
- Richards, Stephen**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Richardson, Barbara**  
2011. See Laurance, W. F. et al., 2011.
- Richardson, James E.**  
2019. See Clerici, N. et al., 2019.
- Richardson, John** [1787-1865], **William Sweetland Dallas**, **Thomas Spencer Cobbold**, **William Baird** and **Adam White**  
1877. *The Museum of Natural History. Being a popular account of the structure, habits, and classification of the various departments of the animal kingdom. Quadrupeds, birds, reptiles, fishes, shells, and insects. Including the insects destructive to agriculture.* New York, James S. Virtue. 2: [iii] + 406 pp., figs.; 4: 136 pls. [Ed. 1, 1859-1862] [general]
- Richardson, Michael**  
2011. See Laurance, W. F. et al., 2011.
- Richelmann, Georg** [1851-1924]  
1889. Die Verbreitung der Rhopalocera in den verschiedenen Faunengebiete und einige Eigenthümlichkeiten derselben. *Tageblatt der Versammlungen der Gesellschaft deutscher Naturforscher und Ärzte* 61: 66-69. [general; Neotropics]
- Richter, Aline**  
2017. See Iserhard, C.A. et al., 2017.  
2018. See Santos, J. P. dos et al., 2018.  
2019. See Santos, J. P. dos et al., 2019.
- Richter, Leopoldo** [1896-1984]  
1960. La biología del color protector en las mariposas. *Caldasia* (Bogotá) 8(39): 443-450 (20 December) [general]  
1997. *Observaciones de un naturalista*, pp. 233-240, figs. In: Villegas, B. (Ed.), *Leopoldo Richter*. Bogota, Villegas Editores. 248 pp., figs. (November) [general; Colombia]
- Rickard, Michael A.**  
1976. See McGuire, W. W. & M. A. Rickard, 1976.  
1993. Definitive destination: Bentsen-Rio Grande Valley State Park, Mission, TX. *American Butterflies* 1(2): 4-9, 7 figs. (May) [general; Mexico]  
2010a. See Hardy, D. H. et al., 2010.  
2010b. *Kisutam syllis* (Godman & Salvin, 1887) (Lycaenidae: Theclini) new to Texas and the United States. *News of the Lepidopterists' Society* 52(4): 141, 3 figs. (8 December) [Mexico; behavior]
- Rickard, Michael A., and Nick V. Grishin**  
2010. *Strymon serapio* new for the U.S. (Lycaenidae: Theclinae). *News of the Lepidopterists' Society* 52(3): 79-84, 2 pls. (31 October) [Mexico]
- Ricklefs, Robert Eric** [1943- ]  
2005. See Stireman, J. O., III et al., 2005.  
2007. See Dyer, L. A. et al., 2007.
- Ricklefs, Robert Eric, and Irby J. Lovette**  
1999. The roles of island area *per se* and habitat diversity in the species-area relationships of four Lesser Antillean faunal groups. *Journal of animal Ecology* 68(6): 1142-1160, 4 figs., 5 tabs. (November) [general]
- Rico-Gray, Víctor**  
2002. See Castillo-Guevara, C. & V. Rico-Gray, 2002.  
2003. See Cuautle, M. & V. Rico-Gray, 2003.
- Ricotta, Carlo**  
2010. See Jost, L. et al., 2010.
- Ridoutt, César Augusto** [1901-1956]  
1939. Dos mariposas comunes de Lima. *Danaus erippus* y *Danaus archippus*. *Boletín del Museo de Historia natural "Javier Prado"* 3(9): 65-70, 2 figs. (after 30 June) [life history; Peru]
- Rieger, Juan**  
1997. Una breve historia... *Mariposas del Mundo* (Buenos Aires) 2: 26 (March) [*Phoebis*; Argentina]
- Ries, Leslie**  
2012. See Zipkin, E. F. et al., 2012.  
2015. See Oberhauser, K. S. et al., 2015a.  
2017. See Oberhauser, K. S. et al., 2017.  
2019. See Saunders, S. P. et al., 2019.
- Ries, Leslie, Douglas J. Taron and Eduardo Rendón**  
2015a. The disconnect between summer and winter monarch trends for the eastern migratory populations: Possible links to differing drivers. *Annals of the entomological Society of America* 108(5): 691-699, 4 figs., 2 tabs. (September) [*Danaus plexippus* (Linnaeus); Mexico]
- Ries, Leslie, Douglas J. Taron, Eduardo Rendón and Karen Suzanne Oberhauser**  
2015b. *Connecting Eastern Monarch population dynamics across their migratory cycle*, pp. 268-281, 7 figs., 1 tab. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Mexico]
- Rieseberg, Loren H.**  
2019. Mapping footprints of past genetic exchange. Widespread mating between species creates mosaic genomes in *Heliconius* butterflies. *Science* 366(6465): 570-571, 1 fig. (1 November) [general]
- Riffarth, Heinrich H.** [1860-1908]  
1895. Über *Agrias*-Arten. *Stettiner entomologische Zeitung* 56(1/6): 204-206 (January-June) [general; Brazil]  
1896. [A note]. *Berliner entomologische Zeitschrift* 41(1): (14) (late May) [*Agrias* spp.]  
1897. [Notes]. *Berliner entomologische Zeitschrift* 42(1/2): (21), (23)-(24) (mid November) [Apaturidae, Nymphalidae; Central and South America]  
1898. [A note]. *Berliner entomologische Zeitschrift* 42(3/4): 301-302 (mid July) [*Agrias* spp.; South America]

1899. Neue *Heliconius*-Formen. *Berliner entomologische Zeitschrift* 43(3/4): 405-408 (early May) [general; *H. schulzi*, *H. fruhstorferi*, *H. ismenius* variety or aberration *hermanni*, *H. clytia* variety *elsa*, *H. rhea* aberration *albinea*; Brazil, Colombia, Surinam]
1900. Die Gattung *Heliconius* Latr. Neubearbeitet und Beschreibung neuer Formen. *Berliner entomologische Zeitschrift* 45(3/4): 183-214 (mid December) [general; *H. gradatus* variety *thielei*, *H. eucoma* variety *juntana*, *H. paraensis*, *H. p.* variety *latus*, *H. numata* aberration or variety *guiensis*, *H. clara* variety *annetta*, *H. zuleika* aberration *albipunctata*, *H. cydno* aberration *stubeli*, *H. c.* aberration *haenschi*, *H. timareta* aberration *erebia*, *H. t.* aberration *richardi*, *H. melpomene* aberration *atrosecta*, *H. m.* aberration *melpomenides*, *H. m.* aberration *lucinda*, *H. m.* aberration *karschi*, *H. m.* variety *melanippe*, *H. m.* aberration *diana*, *H. m.* variety *augusta*, *H. m.* aberration *eulalia*, *H. m.* aberration *mirabilis*, *H. m.* aberration *margarita*, *H. amaryllis* variety *euryades*, *H. vulcanus* aberration *modesta*, *H. batesi*, *H. erato* aberration *tecta*, *H. clytia* aberration *parvimaclulata*, *H. antiochus* aberration *alba*, *H. sara* aberration *albula*, *H. cyrbia* aberration *diformata*, *H. c.* variety *juno*, *H. petiverana* aberration *tristis*, *H. hydara* variety *antigona*, *H. h.* aberration *nocturna*, *H. phyllis* variety *magnifica*, *H. p.* variety *viculata*, *H. p.* aberration *callista*, *H. p.* aberration *dryope*, *H. p.* aberration *amalfreda*, *H. p.* aberration *ottonis*; Central and South America]
1901. Die Gattung *Heliconius* Latr. Neubearbeitet und Beschreibung neuer Formen. *Berliner entomologische Zeitschrift* 46(1): 25-183 (mid June) [general; *H. aristiona tarapotensis*, *H. erato aristomache*, *H. e. luminosus*, *H. phyllis amphitrite*, *H. p. emma*; Mexico, Central and South America]
1903. Nochmals Ch. Oberthür's Etudes d'Entomologie, vol. 21. *Berliner entomologische Zeitschrift* 47(3/4): 157-166 (late January) [general; new subspecies: *Heliconius erato oberthüri*]
1905. See Stichel, H. F. E. J. & H. H. Riffarth, 1905.
1906. Eine neue *Heliconius*-Form. *Insekten-Börse* 23(14): 56 (5 April) [*H. erato estrella* form *simplex*; Peru]
- 1907a. Eine neue Lokalform von *Heliconius batesi* Riff. (Lep.). *Deutsche entomologische Zeitschrift* 1907(3): 333-334 (1 May) [*H. b.* form *plesseni*; Ecuador]
- 1907b. Neue und wenig bekannte Formen der Gattung *Heliconius*, nebst einer neuen *Eueides*-Form (Lep.). *Deutsche entomologische Zeitschrift* 1907(5): 501-514, pl. 5 (1 September) [general; *H. numatus sincerus*, *H. novatus artemis*, *H. aristiona lepidus*, *H. a. l.* form *gracilis*, *H. anderida melicerta* form *zygia*, *H. cydno galanthus* form *exornata*, *H. c. alithea* form *egregia*, *H. melpomene funebris* form *obscurata*, *H. m. aglaope* form *cognata*, *H. m. a.* form *iris*, *H. m. a.* form *niepelti*, *H. batesi plesseni* form *adonis*, *H. melpomene timareta* form *insolita*, *H. vulcanus sticheli*, *H. hecuba intermedius*, *H. cyrbia cyrbia* form *bella*, *H. erato cybelinus* form *helena*, *H. e. e.* form *fuliginosa*, *H. e. estrella* form *ochracea*, *H. e. simplex* form *rosacea*, *H. e. estrella* form *beata*, *H. e. anacreon* form *anaitis*, *H. e. phyllis* form *diffuens*, *H. e. p.* form *sperata*, *Eueides lampeto fuliginosus* form *pallida*; Costa Rica, South America]
1908. Über Neustetters "Neue *Heliconius*-Formen". *Deutsche entomologische Zeitschrift* 1908(1): 110-114 (3 January) [general; new form: *H. alithea neustetteri*; Ecuador]
- Righi, Gilberto**  
1997. See Mielke, O. H. H. et al., 1997.
- Rigout, Jacques**  
1983. Papillons asymétriques. *Bulletin de la Société Sciences Nat* 37: 12, 1 pl. (8 July) [*Morpho*, *Heliconius*; South America]
- Rijk, Marjolein de**  
2019. See Woelke, J. B. et al., 2019.
- Riley, Adrian M., and Hugh David Loxdale**  
1988. Possible adaptive significance of "tail" structure in "false head" lycaenid butterflies. *Entomologist's Record and Journal of Variation* 100(3/4): 59-61, 3 figs. (15 April) [*Arawacus aetolus* (Sulzer); morphology; behavior; Venezuela]
- Riley, D.**  
1980. See Elliott, N. B. et al., 1980.
- Riley, Charles Valentine** [1843-1895]  
1876. Notes on the Yucca Borer (*Megathymus yuccae*). *Transactions of the Academy of Sciences of St. Louis* 3: 323-344 (January) [egg, larva, pupa, imago; host plants; behavior; morphology; classification; parasitoid; new tribe: Castnioides; Mexico, Costa Rica]  
1890. A social *Papilio* larva. *Insect Life* 3(1): 32-33 (August) [*Papilio oxynius* Hübner; host plant; larval behavior; Cuba]
- Riley, Joseph R., and Juliet L. Osborne**  
2001. *Flight trajectories of foraging insects: Observations using harmonic radar*, pp. 129-157, 10 figs., 3 tabs. In: Woiwood, I. P., D. R. Reynolds & C. D. Thomas (Eds.), *Insect movement. Mechanisms and consequences*. Wallingford, CABI Publishing. [general]
- Riley, Norman Denbigh** [1890-1979]  
1919. Some new Rhopalocera from Brazil collected by E. H. Wickham, Esq. *Entomologist* 52(675): 181-186 (August), (676): 200-202 (September) [*Melinaea hicetes brunnea*, *M. h. purusana*, *Mechanitis visenda elevata*, *M. egaensis contracta*, *Ceratinia wickhami*, *C. w.* form *clara*, *C. w.* form *bicolor*, *C. anastasia medea*, *C. pardalina flavigera*, *C. fulminans virgilini*, *Callolera selenides poeciloides*, *C. cayana*, *Leucothyris denuda*, *L. onega bocca*, *Lycorea ceres* form *transiens*, *Lycorea pasinuntia* form *brunnea*, *Heliconius melpomene madeira*, *Megistanis amazonicus*, *Helicopsis cupido* form *nigra*, *Mesene wickhami*, *Thecla wickhami*, *Yanguna rufescens*, *Eudamus reductus*, *Celaenorrhinus astrigera canutama*]  
1920. Beautiful butterflies of the tropics. By Arthur Twidle. 1920. *Entomologist* 53(691): 288 (December) [general; book review]  
1921. Some undescribed Rhopalocera in the British Museum (Natural History). *Entomologist* 54(699): 180-184 (August) [*Papilio aristeus lenaeus* form *interrupta*, *Cogia grandis*, *Thracides verecundus*, *Orses metallica*; Peru, Brazil, Trinidad, Venezuela]  
1922. Notes on the generic names of Indian Theclinae and Amblypodinae (Lep. Rhop.). *Journal of the Bombay natural History Society* 28(2): 465-473 (25 March) [general]  
1924a. A useless name. *Entomologist* 57(730): 67-68 (March) [Ithomiidae; Brazil]  
1924b. A new lycaenid butterfly from Costa Rica. *Entomologist* 57(731): 88-89 (April) [*Erora gillottae*]  
1924c. A note on the genus *Pyrrhopygopsis* Godm. & Salv. (Lep. Hesperidae). *Entomologist* 57(738): 245-249 (November) [general; new taxa: *P. cleantes ambicola*, *P. quisipica* form *rubripalpis*; Brazil, Paraguay,

- Colombia, Peru, Bolivia]
1925. Annual address to the members. [Seasonal variation in butterflies]. *Proceedings of the South London entomological & natural History Society* 1924-25: 63-81, pls. 5-7. [general; Neotropics]
- 1926a. *Colaenis* and *Dione* (Lep., Nymphalidae): A revisional note on the species. *Entomologist* 59(760): 240-245, pl. 2 (September) [general; new subspecies: *C. julia carteri*, *C. j. lucia*, *C. j. framptoni*, *C. euchia caucana*, *C. e. straminea*, *D. vanillae incarnata*; West Indies, Colombia, Ecuador, Mexico, Central America]
- 1926b. On the identity of certain Hesperidae (Lep.) described by Latreille. *Transactions of the entomological Society of London* 1926(2): 231-241 (21 December) [general; new species: *Myscelus draudti*; Neotropics]
- 1927a. The Oberthür collection. *Entomologist* 60(769): 136-138 (June) [general]
- 1927b. The Oberthür collection of butterflies and moths. *Natural History Magazine* (London) 1(3): 83-90, 3 figs. (July) [general]
- 1927c. Exit Hübner's "Tentamen". *Entomologist* 60(774): 260 (November)
1928. See Poulton, E. B. & N. D. Riley, 1928.
- 1929a. Three new species of Hesperidae from Matto Grosso. *Bulletin of the Hill Museum* 3(2): 134-138, fig. 3 (29 August) [*Staphylus conjuncta*, *Prenes virilis*, *Pythionides bibulus*; Brazil]
- 1929b. *Terias leuce* in the Argentine. *Entomologist* 62(799): 285 (December)
1931. A new Ithomiine (Lep. Rhop.). *Entomologist* 64(813): 35 (February) [*Ceratinia ninonia neimy*; Brazil]
1934. A new South American Hesperid. *Entomologist* 67(855): 185-186, 1 fig. (August) [*Chiomara khailii*; Brazil]
1946. See Hemming, A. F. & N. D. Riley, 1946.
1951. The Monarch butterfly. *Science* 114(2951): 75-76 (20 July) [general; *Danaus plexippus* (Linnaeus)]
1964. *The Department of Entomology of the British Museum (Natural History) 1904-1964. A brief historical sketch*. London, XIIth International Congress of Entomology. 48 pp. [general]
1966. *Scoptes* Hübner [1819] v. *Capys* Hewitson 1864 (Lepidoptera, Lycaenidae), a case of a forgotten name. *Bulletin of zoological Nomenclature* 23(4): 165-166 (14 October) [general]
1972. Two name changes for subtropical American Pieridae. *Journal of the Lepidopterists' Society* 26(4): 288 (15 December) [*Appias drusilla castalia*, nec *A. d. jacksoni*; *Kricogonia lyside*, nec *K. castalia*; Jamaica, Haiti]
1975. *A field guide to the butterflies of the West Indies*. London, Collins. 224 pp., 24 pls., 29 figs. [general; host plants; larvae, imagines; behavior; ecology]
- Riley, Norman Denbigh, and Alfred George Gabriel**
1924. *Catalogue of the type specimens of Lepidoptera Rhopalocera in the British Museum. Part I. Satyridae*. London, Oxford University Press. 62 pp.
1925. *Catalogue of the type specimens of Lepidoptera Rhopalocera in the British Museum. Part II. Danaidae*. London, Oxford University Press. 53 pp.
- Riley, Norman Denbigh, and Lionel George Higgins**
1971. *Papilio actaeon* Fabricius 1775 v. *Papilio acteon* von Rottemburg 1775 (Lep. Rhopalocera). *Z.N.(S.)* 1937. *Bulletin of zoological Nomenclature* 28(1/2): 53-55 (10 August)
- Riley, Thomas J.**
1995. See Austin, G. T. & T. J. Riley, 1995.
- Rincón, Ascanio Daniel** [1974- ]
1998. Lepidópteros ropalóceros de la Isla de Toas, Venezuela. *Boletín del Centro de Investigaciones biológicas. La Universidad del Zulia* 32(2): 125-138, 1 fig. (August) [general]
- Rincón, David Julio**
1962. See Báscones, L. et al., 1962.
- Rincón, Fernando**
1984. See Ramos, J. et al., 1984.
- Rincón-Enríquez, Gabriel**
2017. See García-Mendoza, A. J. et al., 2017.
- Rincones, Carlos, Ninoska Pons and Juan R. Dedordy**
1989. Plagas y enfermedades de la caña de azúcar presentes en Latinoamérica y no detectadas en Venezuela. *Fonaiap Divulga* 6(29): 25-27, 4 figs. ("July-September 1988", 1989) [*Calisto pulchella* Lathy]
- Rindge, Frederick Hastings** [1921-2013]
1948. Contributions toward a knowledge of the insect fauna of Lower California. No. 8. Lepidoptera: Rhopalocera. *Proceedings of the California Academy of Sciences* (4)24(8): 289-311 (12 March) [general; Mexico]
1952. The butterflies of the Bahama Islands, British West Indies (Lepidoptera). *American Museum Novitates* 1563: 1-18 (12 May) [general]
1955. The butterflies of the Van Voast-American Museum of Natural History Expedition to the Bahama Islands, British West Indies. *American Museum Novitates* 1715: 1-20, 8 figs. (25 March) [general; new subspecies: *Lucinia sida albomaculata*, *Burca braco castigata*, *B. concolor atrata*]
1981. Recent additions to the collection of the American Museum of Natural History. *Journal of the Lepidopterists' Society* 35(1): 21 (7 July) [general]
- 1987a. *Speyeria* collection of Paul Grey to the American Museum of Natural History. *Journal of the Lepidopterists' Society* 41(2): 123 (26 June) [Mexico]
- 1987b. DeVries, Philip J. The butterflies of Costa Rica and their natural history: Papilionidae, Pieridae, Nymphalidae. *Recent Publications in natural History* 5(3): 3-4 (September) [book review]
- Rindge, Frederick Hastings, and William Phillips Comstock**
1953. An unnamed lycaenid from Trinidad (Lepidoptera). *Journal of the New York entomological Society* 61(2): 99-100 (30 July) [*Echinargus huntingtoni*]
- Rindoš, Michal**
2018. See Stella, D. et al., 2018.
- Rings, Roy W.** [1916-2011]
1983. A collecting expedition to Peru and Ecuador. *The Ohio Lepidopterist* 5(1): 13-15 (February) [general]
- Rings, Roy W., and Lowell Raymond Nault**
1982. Exploring the insect fauna of Mexico. *The Ohio Lepidopterist* 4(1): 10-11, 5 figs. (March) [general]
- Ringsby, Thor-Harald**
2012. See Tufto, J. et al., 2012.
- Ringuelet, Raúl Adolfo** [1914-1982]
- 1955a. Panorama zoogeográfico de la Provincia de Buenos Aires. *Notas del Museo. Facultad de Ciencias naturales y Museo. Universidad nacional de Eva Perón (Zoología)* 18(156): 1-15, 1 fig. (8 June) [Morphinae; Argentina]
- 1955b. Vinculaciones faunísticas de la zona boscosa del Nahuel Huapí y el domino zoogeográfico australcordillerano. *Notas del Museo de La Plata (Zoología)* 18(160): 81-121 (25 July) [general; Argentina]
- 1955c. Ubicación zoogeográfica de las Islas Malvinas. *Revista*

- del Museo de La Plata (Zoología) 6(48): 419-464, 8 figs. (10 December) [*Yramea cytheris* (Drury); Argentina, Chile]
- Río, Guadalupe del**  
1999. See Muñiz, A. M. et al., 1999.  
2015. See Shahani, P. C. et al., 2015.
- Riom, Jacques**  
1977. See Gruner, L. & J. Riom, 1977.
- Ríos, Aldo Francisco, and María Guadalupe Barajas**  
2013. *Distribución geográfica, similitud fenotípica y mimetismo Mülleriano en razas de Heliconius erato y Heliconius melpomene (Lepidoptera: Nymphalidae)*, pp. 231-237, 2 tabs. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [general]
- Ríos, Gleice Gonçalves, Michelle Gonçalves Silva, Daniela Aparecida Rosa de Paiva, Juliana Rodrigues Santos, Priscilla Peixoto Alvarenga Niccolly Cristine de Miranda, Denise Lange and Vanessa Stefani**  
2013. Population structure of two species of *Heliconius* Kluk, 1780 butterflies (Lepidoptera: Nymphalidae). *Bioscience Journal* (Uberlândia) 29(5): 1350-1360, 4 figs., 1 tab. (October) [*H. erato phyllis* (Fabricius), *H. ethilla narcaea* Godart; Brazil]
- Ríos, Indiana (= Jeisson) Cristóbal**  
2005. See Salazar, J. A. & I. (J.) C. Ríos, 2005.  
2007. Riqueza de especies de mariposas (Hesperioidea & Papilionoidea) de la Quebrada "El Águila" Cordillera Central (Manizales, Colombia). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 11: 272-291, 5 figs., 1 tab. (November) [general]  
2009. See Huertas, B. C. et al., 2009.  
2013a. Patrones de riqueza de mariposas en bosques montanos de la región Neotropical: Un caso de estudio en la Cordillera de la Costa, Venezuela. *Entomotropica* 28(2): 166 (August) [abstract]  
[2013]b. See Salazar, J. A. et al., [2013].  
[2015]a. See Salazar, J. A. et al., [2015].  
2015b. See Nakahara, S. et al., 2015a.  
2016. Patrones de riqueza de mariposas en paisajes modificados de la región andina colombiana: una revisión preliminar. *Memorias. Congreso Sociedad colombiana de Entomología – Socolen* 43: 115-131, 2 figs., 2 tabs. (July) [general]  
[2017]a. See Olarte, C. A. et al., 2016.  
2017b. See Casas, L. C. et al., 2017.  
2018. See Vélez, J. H. & I. (J.) C. Ríos, 2018.  
2019a. *Las mariposas diurnas colombianas en el contexto del conflicto armado: Un análisis preliminar*, pp. 100-112, 3 figs. In: Guarín, J. H., C. E. Giraldo & J. L. Jaramillo (Eds.), *Memorias & Resúmenes. Congreso Sociedad Colombiana de Entomología*. Medellín, Sociedad Colombiana de Entomología. (July) [general; conservation; Colombia]  
2019b. Synonymy and homonymy in two butterfly species recently described from Colombia (Lepidoptera: Nymphalidae, Satyrinae). *Anartia* 29: 49-53, 1 fig. (published online 23 December) [new species: *Euptychia efraini*; Venezuela, French Guiana, Brazil]
- Ríos, Indiana (= Jeisson) Cristóbal, and Paola Díaz**  
2013. Estudio preliminar de la riqueza y composición de especies de lepidópteros diurnos, en un paisaje agrícola de los Altos Mirandinos (Cordillera de la Costa, Venezuela). *Entomotropica* 28(2): 172 (August) [abstract]
- Ríos, Indiana (= Jeisson) Cristóbal, and Julián Adolfo Salazar**  
2008. Noticia adicional sobre el mimetismo en hembras de *Epiphile epicaste* (Hewitson) (Lepidoptera: Nymphalidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 12: [247]-[248], 4 figs. (November) [Colombia]  
2011. Un segundo registro de *Evenus coronata* (Hewitson, 1865) para el Municipio de Manizales, Caldas. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(2): 240, 1 fig. (after 10 January) [Colombia]
- Ríos, Jeisson Cristóbal** – See Ríos, Indiana Cristóbal
- Ríos, Petrucio Alexandre Fonseca, Juliana Braga da Silva and Flávia de Barros Prado Moura**  
2010. Visitantes florais de *Aechmea constantinii* (Mez) L. B. Sm. (Bromeliaceae) em um remanescente da Mata Atlântica do Nordeste Oriental. *Biotemas* (Florianópolis) 23(4): 29-35, 4 figs. (December) [*Talides sergestus* (Cramer), *Strymon ziba* (Hewitson); behavior; Brazil]
- Ríos, Rodrigo S.**  
2017. See Piñones, D. et al., 2017.
- Ríos, Rodrigo S., Cristian Salgado, Gisela C. Stotz and Ernesto Mario Gianoli**  
2016. Co-occurrence of host plants associated with plant quality determines performance patterns of the specialist butterfly, *Battus polydamas archidamas* (Lepidoptera: Papilionidae: Troidini). *European Journal of Entomology* 113: 150-157, 4 figs. (published online 5 February) [Chile]
- Ríos, Sergio Daniel, Fernando Maia Silva Dias, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke and Gerardo Lamas**  
2014. Notes on the geographic distribution and subspecific taxonomy of *Sais rosalia* (Cramer) (Lepidoptera, Nymphalidae, Ithomiini), including the first records in Paraguay. *Revista brasileira de Entomologia* 58(1): 11-18, 6 figs., 1 tab. (30 March) [South America]
- Ríos, Sergio Daniel, and Paul Smith**  
2012. Primeros registros de *Hamadryas laodamia* Cramer (Lepidoptera: Nymphalidae) en el Paraguay. *Reportes científicos de la FACEN* 3(1): 71-73, 2 figs.
- Ríos-Velasco, Claudio**  
2019. See Cham, A. K. et al., 2019.
- Riotte, Jules Charles Emile [1901-2000]**  
1974. Butterflies of the World. By H. L. Lewis. *The Canadian Field-Naturalist* 88: 529-530. [book review]  
1979. Gynandromorphs in Hawaiian butterflies and moths. *Journal of Research on the Lepidoptera* 17(1): 17-18, 2 figs. ([30] October) [*Strymon bazochii* (Godart)]
- Riotte, Jules Charles Emile, and Grant K. Uchida**  
1979. Butterflies of the Hawaiian Islands according to the stand of late 1976. *Journal of Research on the Lepidoptera* 17(1): 33-39, 2 pls. ([30] October) [*Strymon bazochii* (Godart), *Tmolus echiion* (Linnaeus); Mexico]
- Riquelme, María Begoña**  
2002. See Botto, E. N. et al., 2002.
- Ris, Nicolas**  
2018. See Dumbardon-Martial, T. et al., 2018.
- Risco, Saúl Hernán [ -2012]**  
1956. Principales insectos [que] atacan a la caña de azúcar en el Perú. *Azúcar* (Lima) 3(11): 41-55, 13 figs. (December) [also in *La Vida agrícola* (Lima) 34(398): 29-45, 13 figs; 1957] [*Prenes ares* Felder; life history;

- Peru]
1970. See Dogger, J. & S. H. Risco, 1970.
- Ritschoff, Clare**  
2006. See Kapan, D. D. et al., 2006.
- Ritter, Camila Duarte**  
2008. See Lemes, R. et al., 2008.  
2012. See Morais, A. B. B. de et al., 2012.
- Ritter, Camila Duarte, Renata Lemes, Ana Beatriz Barros de Morais and Cristian de Sales Dambros**  
2011. Borboletas (Lepidoptera: Hesperioidea e Papilionoidea) de fragmentos de floresta ombrófila mista, Rio Grande do Sul, Brasil. *Biota neotropica* 11(1): 361-368, 1 fig., 1 tab. (March; published online 3 January) [general]
- Ritter, Karl (= Carl) [1779-1859]**  
1836. *Naturhistorische Reise nach der westindischen Insel Hayti auf Kosten Sr. Majestät des Kaisers von Oesterreich*. Stuttgart, Hallberger'sche Verlagshandlung. i-viii, 9-206, 3 pls. [general]
- Riva, Rita**  
[1997]. See Couturier, G. et al., 1997.
- Rivarola, Héctor**  
1973. South American *Morpho*. *Animals* (London) 15(10): 436-437, 3 figs. (October) [*M. catenarius* (Perry); host plants; egg, larva, pupa, imago; Argentina]
- Rivas, Andrés Wilfredo**  
2008. See Sermeño, J. M. et al., 2008.
- Rivas, F.**  
2019. See Sermeño, J. M. et al., 2019.
- Rivas, Irma V.**  
2008. See Sánchez-Jasso, J. M. & I. V. Rivas, 2008.
- Rivas-Arancibia, Sombra Patricia**  
2017. See Figueroa-Castro, D. M. et al., 2017.
- Rivas-Arancibia, Sombra Patricia, Eribel Bello-Cervantes, Hortensia Carrillo-Ruiz, Agustina Rosa Andrés-Hernández, Dulce María Figueroa-Castro and Silvia Guzmán-Jiménez**  
2015. Variaciones de la comunidad de visitantes florales de *Bursera copallifera* (Burseraceae) a lo largo de un gradiente de perturbación antropogénica. *Revista mexicana de Biodiversidad* 86(1): 178-187, 2 figs., 2 tabs. (March) [general; Mexico]
- Rivera, Edgardo Santiago**  
2019. See Concha, C. et al., 2019.
- Rivera, Eduardo**  
2015. See MacGregor, I. et al., 2015.
- Rivera, Eduardo, and Miguel Eduardo Equihua**  
1997. New records of plant species used by adult monarch butterflies *Danaus plexippus* L. (Lepidoptera: Nymphalidae: Danainae) during migration in Mexico. *Canadian Entomologist* 129(2): 375-376, 1 tab. (May)
- Rivera, F. A.**  
2019. See Sermeño, J. M. et al., 2019.
- Rivera, Graciela Patricia**  
2012. See Ángel, A. L. et al., 2012.
- Rivera, Juliana M.**  
2005. See Prieto, C. H. et al., 2005.
- Rivera, Laura, Anaid Rosas, Karina Hernández and Robert Wallace Jones**  
2016. *Insectos: Mariposas (Lepidoptera: Rhopalocera) del semidesierto y sur del Estado de Querétaro, México*, pp. 369-377, figs., 1 tab. In: Jones, R. W. & V. Serrano (Eds.), *Historia natural de Querétaro*. Querétaro, Universidad Autónoma de Querétaro (November) [general]
- Rivera, Lucio [1937- ]**  
1975. Colecta de material entomológico en el Estado de Veracruz. *Boletín informativo. Sociedad mexicana de Lepidopterología* 1(6): 7-8 (November-December) [general; México]
- Rivera, Mara Alejandra, Raiza González, Hugo Luna and Oscar R. García**  
2015. Using citizen-monitoring to define the migration route of Monarch butterfly, *Danaus plexippus* (L.), in the State of Guanajuato. *Southwestern Entomologist* 40(1): 233-236, 1 fig. (March) [Mexico]
- Rivera, Marleny**  
2015. See Basset, Y. et al., 2015.
- Rivera-Nava, Juana Laura**  
2015. See Ruiz-García, N. et al., 2015.
- Rivero, Alan**  
2007. See Rodríguez, R. et al., 2007.
- Rivero, Alan, Horacio Grillo, Silvio Regeza and Pánfilo Aborrezco**  
2003. Lista de insectos conocidos, de los cayos Majá y Español de Adentro, Cayería Norte de Villa Clara. *Centro agrícola* (Villa Clara) 30(2): 71-75 (June) [general; Cuba]
- Rivero, Rafael**  
1963. El nacimiento de una mariposa. *Tricolor* (Caracas) 151: 16-17, 9 figs. [*Danaus plexippus* (Linnaeus); life history]
- Riveros, André J.**  
2006. See Srygley, R. B. et al., 2006.  
2010. See Srygley, R. B. et al., 2010.  
2014. See Srygley, R. B. et al., 2014.
- Rizzo, Horacio Fausto Emilio [1932- ]**  
1964. See Margheritis, A. E. & H. F. E. Rizzo, 1964.  
1965. See Margheritis, A. E. & H. F. E. Rizzo, 1965.  
1970. See Margheritis, A. E. & H. F. E. Rizzo, 1970.  
1971. Catálogo de lepidópteros hallados en la Facultad de Agronomía y Veterinaria de Buenos Aires. *Publicación interna. Facultad de Agronomía y Veterinaria. Universidad de Buenos Aires* 2: 1-35. [general; host plants; Argentina]  
1972. Enemigos animales del cultivo de la soja. *Revista institucional de la Bolsa de Cereales* (Buenos Aires) 49(2851): 42-47, 9 figs. (April) [*Eurema deva* (Doubleday), *Chioides catillus* (Cramer); Argentina]  
1977. *Catálogo de insectos perjudiciales en cultivos de la Argentina*. Buenos Aires, Editorial Hemisferio Sur. xii + 65 pp. [Ed. 4] [general; host plants]
- Rizzo, Horacio Fausto Emilio, and Adolfo D. Losada**  
1975. Insectos encontrados en cultivo de soja (*Glycine max* (L.) Merrill) en la zona de Yraizoz (Provincia de Buenos Aires, Argentina). *Fitotecnia latinoamericana* 11(1): 3-8. [*Colias lesbia* (Fabricius)]
- Roani, Suelen Holtermann**  
2008. See Giovenardi, R. et al., 2008.
- Robayo, Gina Marcela**  
2014. Los mariposarios como espacios que potencian y enriquecen la enseñanza de las ciencias. *Bio-grafía* (Bogotá) 7(12): 91-108, 13 figs., 12 tabs. (June) [general; Colombia]
- Robayo, Gina Paola**  
2018. See Murillo, A. M. et al., 2018.
- Robbins, Richard G.**  
1995. See Lamas, G. et al., 1995.
- Robbins, Robert Kanner [1947- ]**  
1980. The lycaenid "false head" hypothesis: historical review and quantitative analysis. *Journal of the Lepidopterists' Society* 34(2): 194-208, 5 figs., 1 tab. (23 September)

- [general]
1981. The "false head" hypothesis: predation and wing pattern variation of lycaenid butterflies. *American Naturalist* 118(5): 770-775, 1 fig., 2 tabs. (November) [general]
1982. How many butterfly species? *News of the Lepidopterists' Society* 1982(3): 40-41 (May-June) [general]
1984. See Chew, F. S. & R. K. Robbins, 1984.
1986. Independent evolution of the "false head" behavior in Riodinidae. *Journal of the Lepidopterists' Society* 39(3): 224-225 (13 May) [general]
1987. Evolution and identification of the New World hairstreak butterflies (Lycaenidae: Eumaeini): Eliot's *Trichonis* section and *Trichonis* Hewitson. *Journal of the Lepidopterists' Society* 40(3): 138-157, 8 figs. (23 January) [South America]
- 1988a. Logic and phylogeny: a critique of Scott's phylogenies to the butterflies and Macrolepidoptera. *Journal of the Lepidopterists' Society* 41(4): 214-216, 4 figs. (5 January) [general]
- 1988b. Comparative morphology of the butterfly foreleg coxa and trochanter (Lepidoptera) and its systematic implications. *Proceedings of the entomological Society of Washington* 90(2): 133-154, 53 figs., 1 tab. (29 April) [general]
- 1988c. Male foretarsal variation in Lycaenidae and Riodinidae, and the systematic placement of *Styx infernalis* (Lepidoptera). *Proceedings of the entomological Society of Washington* 90(3): 356-368, 36 figs. (20 July)
1990. Systematic implications of butterfly leg structures that clean the antennae. *Psyche* (Cambridge) 96(3/4): 209-221, 29 figs. 1 tab. [general; behavior; Venezuela]
- 1991a. See Lamas, G. et al., 1991.
- 1991b. Evolution, comparative morphology, and identification of the eumaeine butterfly genus *Rekoa* Kaye (Lycaenidae: Theclinae). *Smithsonian Contributions to Zoology* 498: i-iii, 1-64, 116 figs., 17 tabs. [general; classification; phylogeny; ecology; behavior]
- 1991c. Cost and evolution of a facultative mutualism between ants and lycaenid larvae (Lepidoptera). *Oikos* 62(3): 363-369, 1 fig., 2 tabs. (December) [*Arawacus lincoides* (Draudt); host plants; Panama]
- 1993a. Comparison of butterfly diversity in the Neotropical and Oriental regions. *Journal of the Lepidopterists' Society* 46(4): 298-300, 1 fig. (19 January) [general]
- 1993b. See Lamas, G. et al., 1993.
- 1993c. False heads: the real tale. *American Butterflies* 1(4): 19-22, 4 figs. (November) [Lycaenidae; behavior; Neotropics]
1994. Naming hairstreaks. *American Butterflies* 2(3): 28-31, 4 figs. (August) [Lycaenidae; Mexico, Central America]
1996. See Medina, M. C. et al., 1996.
- [1997]a. See Lamas, G. et al., 1997.
- 1997b. These legs were made for walking - and so much more! *American Butterflies* 5(1): 28-33. figs. [general; morphology; behavior]
- 2000a. The New World hairstreak genus *Arawacus* Kaye (Lepidoptera: Lycaenidae: Theclinae: Eumaeini). *Proceedings of the entomological Society of Washington* 102(1): 162-169, 14 figs. (10 January) [general; taxonomy]
- 2000b. See Burns, J. M. et al., 2000.
- 2001a. Passion. *News of the Lepidopterists' Society* 43(1): 7 (15 March) [general]
- 2001b. Building a better butterfly-trap. *News of the Lepidopterists' Society* 43(4): 103, 105, 2 figs. (1 December) [*Thereus ismarus* (Cramer), *Bussa ematheon* (Cramer); behavior; Surinam, Peru, Brazil]
2002. Replacement names in the Eumaeini (Lepidoptera: Lycaenidae: Theclinae). *Proceedings of the entomological Society of Washington* 104(3): 820-821 (26 June) [new names: *Lamasina*, *Megathecla*, *Theclopsis aurina*, *Calycopis mirna*; nomenclature; Neotropics]
2003. See Caldas, A. & R. K. Robbins, 2003.
- 2004a. See Hall, J. P. W. et al., 2004.
- 2004b. See Lamas, G. et al., 2004.
- 2004c. The genus *Adelpha*: Its systematics, biology and biogeography (Lepidoptera: Nymphalidae: Limenitidini). K. R. Willmott. 2003. *Entomological News* 114(4): 238 (25 August) [general; book nreview]
- 2004d. *Introduction to the checklist of Eumaeini (Lycaenidae)*, pp. xxiv-xxx. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general]
- 2004e. *Lycaenidae. Theclinae. Tribe Eumaeini*, pp. 118-137. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [general; new species: *Symbiopsis perulera*]
- 2005a. See Nicolay, S. S. & R. K. Robbins, 2005.
- 2005b. Phylogenetic relationships among the species of *Panthiades* Hübner (Lycaenidae: Theclinae: Eumaeini). *Proceedings of the entomological Society of Washington* 107(3): 501-509, 10 figs., 1 tab. (30 June) [general]
- 2005c. See Duarte, M. et al., 2005.
- 2005d. See Glassberg, J. & R. K. Robbins, 2005.
- 2009a. See Janzen, D. H. et al., 2009.
- 2009b. See Gareca, Y. et al., 2009.
- 2009c. See Lamas, G. & R. K. Robbins, 2009.
- 2009d. See Duarte, M. & R. K. Robbins, 2009.
- 2010a. See Duarte, M. et al., 2010.
- 2010b. See Duarte, M. & R. K. Robbins, 2010.
- 2010c. Four commonly confused hairstreaks (Lycaenidae, Theclinae, Eumaeini): Three need names, one does not. *Journal of the Lepidopterists' Society* 64(1): 1-13, 33 figs. (13 April) [new species: *Iaspis andersoni*, *Michaelus joseph*, *Ignata caldas*; Neotropics]
- 2010d. The "upside down" systematics of hairstreak butterflies (Lycaenidae) that eat pineapple and other Bromeliaceae. *Studies on neotropical Fauna and Environment* 45(1): 21-37, 20 figs. (April; published online 19 April) [*Strymon*; host plants]
2011. See Faynel, C. et al., 2011.
2012. See Faynel, C. et al., 2012.
2013. See Sermeño, J. M. et al., 2013.
- 2014a. See Faynel, C. & R. K. Robbins, 2014.
- 2014b. See Nobre, C. E. B. & R. K. Robbins, 2014.
- 2015a. See Thomson, P. M. & R. K. Robbins, 2015.
- 2015b. See Prieto, C. H. & R. K. Robbins, 2015.
- 2015c. See Faynel, C. & R. K. Robbins, 2015.
- 2016a. See Cong, Q. et al., 2016b.
- 2016b. See Heredia, M. D. & R. K. Robbins, 2016.
- 2016c. See Cock, M. J. W. & R. K. Robbins, 2016.
- 2016d. See Martins, A. R. P. et al., 2016.
- 2017a. See Cong, Q. et al., 2017.
- 2017b. See Busby, R. C. et al., 2017.

- 2017c. See Thomson, P. M. & R. K. Robbins, 2017.
- 2019a. See Melo, D. H. A. et al., 2019a.
- 2019b. See Martins, A. R. P. et al., 2019a.
- 2019c. See Martins, A. R. P. et al., 2019b.
- Robbins, Robert Kanner, and Annette Aiello**
1982. Foodplant and oviposition records for Panamanian Lycaenidae and Riodinidae. *Journal of the Lepidopterists' Society* 36(2): 65-75 (24 September) [general]
- Robbins, Robert Kanner, Annette Aiello, Julie Feinstein, Amy Berkov, Astrid Caldas, Robert C. Busby and Marcelo Duarte**
- 2010a. A tale of two species: detritivory, parapathy, and sexual dimorphism in *Lamprospilus collucia* and *L. orcidia* (Lycaenidae: Theclinae: Eumaeini). *Journal of Research on the Lepidoptera* 42: 64-73, 29 figs. (31 January) [Central and South America]
- Robbins, Robert Kanner, Richard A. Anderson and James Bolling Sullivan**
2012. The Nicaraguan hairstreak butterfly fauna (Theclinae: Eumaeini), its biogeography, and the history of Nicaraguan collectors. *Journal of the Lepidopterists' Society* 66(2): 61-75, 12 figs. (20 June) [general]
- Robbins, Robert Kanner, and Robert C. Busby**
2008. Phylogeny, taxonomy, and sympatry of *Timaeta* (Lycaenidae: Theclinae: Eumaeini): an Andean montane forest endemic. *Tijdschrift voor Entomologie* 151(2): 205-233, 75 figs., 2 tabs. (1 December) [new species: *T. christina*, *T. matthewi*, *T. walteri*, *T. roberti*, *T. cospata*, *T. pilosa*, *T. gabriela*, *T. romero*; Venezuela, Colombia, Ecuador, Peru, Bolivia]
2009. Updated phylogeny, taxonomy, and diversification of *Janthecla* Robbins & Venables (Lycaenidae: Theclinae: Eumaeini). *Journal of Research on the Lepidoptera* 41: 5-13, 9 figs., 2 tabs. (31 January) [new species: *J. adrienne*, *J. halli*; Peru, Ecuador; French Guiana]
2015. Evolutionary gain of male secondary sexual structures in the widespread Neotropical montane genus *Lathecla* (Lepidoptera, Lycaenidae, Eumaeini). *Insect Systematics & Evolution* 46(1): 47-78, 28 figs., 2 tabs. (6 February; published online 20 March 2014) [new species: *L. mitzi*, *L. fernandezi*, *L. vichai*, *L. carolyna*, *L. winnie*; Central and South America]
- Robbins, Robert Kanner, Robert C. Busby and Marcelo Duarte**
- 2010b. Phylogeny and taxonomy of the Neotropical *Thepytus* (Lepidoptera: Lycaenidae: Theclinae). *Arthropod Systematics & Phylogeny* 68(1): 35-52, 34 figs., 1 tab. (28 February) [new species: *T. jennifer*, *T. nancyana*, *T. carmen*; host plants; Central and South America]
- Robbins, Robert Kanner, and John Frederick Gates Clarke**
1986. Small-Nicolay collection to Smithsonian. *Journal of the Lepidopterists' Society* 40(2): 106 (23 October) [general; Neotropics]
- Robbins, Robert Kanner, and Marcelo Duarte**
2004. *Descriptions of new butterfly genera. Lycaenidae: Eumaeini*, pp. 275-282. In: Lamas, G. (Ed.), *Checklist: Part 4A. Hesperioidea - Papilionoidea*. In: Heppner, J. B. (Ed.), *Atlas of Neotropical Lepidoptera. Volume 5A*. Gainesville, Association for Tropical Lepidoptera; Scientific Publishers (12 November) [*Phothecla*, *Temecla*, *Busbiina*, *Kolana*, *Bistonina*, *Lathecla*, *Arumecla*, *Camissecla*, *Gargina*, *Porthacla*, *Thepytus*, *Marachina*, *Apuecla*, *Terenthina*, *Semonina*]
- 2005a. Phylogenetic analysis of *Cyanophrys* Clench, a synopsis of its species, and the potentially threatened *C. berth*a (Jones) (Lycaenidae: Theclinae: Eumaeini). *Proceedings of the entomological Society of Washington* 107(2): 398-416, 13 figs., 2 tabs. (4 April) [general]
- 2005b. Two phylogenetically significant new *Calycopis* species (Lycaenidae: Theclinae: Eumaeini). *Journal of Research on the Lepidoptera* 38: 27-34, 14 figs. (30 April) [*C. sullivani*, *C. cicero*; Costa Rica, Panama, Ecuador]
2006. Systematic placement of *Lycaena cogina* Schaus (Lepidoptera: Lycaenidae: Polyommatainae), a biogeographically disjunct New World species. *Proceedings of the entomological Society of Washington* 108(1): 226-236, 7 figs. (5 January) [Brazil]
- Robbins, Robert Kanner, and Jeffrey Glassberg**
2013. A butterfly with olive green eyes discovered in the United States and the Neotropics (Lepidoptera, Lycaenidae, Eumaeini). *ZooKeys* 305: 1-20, 9 figs. (28 May) [*Ministrymon janevicroy*; morphology; distribution]
- Robbins, Robert Kanner, and Pamela M. Henson**
1986. Why *Pieris rapae* is a better name than *Artogeia rapae* (Pieridae). *Journal of the Lepidopterists' Society* 40(2): 79-92, 14 figs. (23 October) [classification; cladistics]
- Robbins, Robert Kanner, Maria Dolores Heredia and Robert C. Busby**
2015. Male secondary sexual structures and the systematics of the *Thereus oppia* species group (Lepidoptera, Lycaenidae, Eumaeini). *ZooKeys* 520: 109-130, 28 figs., 2 tabs. (16 September) [new species: *T. lomalgara*, *T. brocki*; host plants; behavior; Central and South America]
- Robbins, Robert Kanner, and Gary F. Hevel**
1988. Glassberg, Lehman, and Pellmyr collections to the Smithsonian Institution. *Journal of the Lepidopterists' Society* 42(1): 31 (16 March) [general]
- Robbins, Robert Kanner, and Gerardo Lamas**
2002. Nomenclatural changes in the Neotropical Eumaeini (Lepidoptera, Lycaenidae, Theclinae). *Revista brasileira de Zoologia* 19(Suplemento 1): 197-214, 24 figs. (30 July) [general]
2004. Case 3282. *Thecla azia* Hewitson, 1873 (Insecta, Lepidoptera): proposed conservation of the specific name. *Bulletin of zoological Nomenclature* 61(2): 98-99 (30 June)
2006. Stabilizing the nomenclature of Fabrician names of North American hairstreaks (Lycaenidae: Theclinae: Eumaeini). *Journal of the Lepidopterists' Society* 60(2): 86-91, 12 figs. (31 July) [general]
- 2008a. Nomenclature, variation, and the biological species concept in *Lamasina* (Lycaenidae: Theclinae: Eumaeini). *Revista brasileira de Zoologia* 25(1): 116-127, 21 figs. (31 March) [general; taxonomy; distribution; Central and South America]
- 2008b. Case 3458. *Balintus* D'Abbrera, 2001, *Gulliveria* D'Abbrera & Bálint, 2001, *Salazaria* D'Abbrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae): proposed establishment of availability. *Bulletin of zoological Nomenclature* 65(3): 188-193 (30 September) [nomenclature]
2009. Comment on the proposed establishment of availability of *Balintus* d'Abbrera, 2001, *Gulliveria* d'Abbrera & Bálint, 2001, *Salazaria* d'Abbrera & Bálint, 2001, *Megathecla*

- Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of zoological Nomenclature* 66(4): 349-351 (18 December) [Neotropics]
2012. Comment on the proposed establishment of availability of *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, 2001, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of Zoological Nomenclature* 69(1): 60-61 (31 March) [general; Neotropics]
2013. Comment on the proposed establishment of availability of *Balintus* d'Abrera, 2001, *Gulliveria* d'Abrera & Bálint, 2001, *Salazaria* d'Abrera & Bálint, 2001, *Megathecla* Robbins, 2002 and *Gullicaena* Bálint, 2002 (Insecta, Lepidoptera, Lycaenidae). *Bulletin of Zoological Nomenclature* 70(4): 250 (20 December) [general; Neotropics]
- Robbins, Robert Kanner, Gerardo Lamas, Olaf Hermann Hendrik Mielke, Donald James Harvey and Mirna Martins Casagrande**
1996. *Taxonomic composition and ecological structure of the species-rich butterfly community at Pakitza, Parque Nacional del Manu, Perú*, pp. 217-252, 1 tab. In: Wilson, D.E. & A. Sandoval (Eds.), *Manu. The biodiversity of southeastern Peru*. Washington, D.C., Smithsonian Institution ([December]) [general]
- Robbins, Robert Kanner, Ananda Regina Pereira Martins, Robert C. Busby and Marcelo Duarte**
2012. Loss of secondary sexual structures in allopatry in the Neotropical butterfly genus *Arcas* (Lycaenidae: Theclinae: Eumaeini). *Insect Systematics & Evolution* 43(1): 35-65, 36 figs., 3 tabs. (20 March) [general; Central and South America]
- Robbins, Robert Kanner, and Stanley Swenson Nicolay**
- 1999a. Taxonomy and nomenclature of *Strymon istapa* and *S. columella* (Lycaenidae: Theclinae: Eumaeini). *Journal of the Lepidopterists' Society* 52(3): 318-327, 16 figs. [distribution; morphology]
- 1999b. Taxonomy of *Strymon toussainti*, *S. andrewi*, *S. amonensis*, and *S. rhapsos* (Lycaenidae: Theclinae). *Journal of the Lepidopterists' Society* 52(3): 328-334, 14 figs. (11 May) [Antilles; morphology]
2002. An overview of *Strymon* Hübner (Lycaenidae: Theclinae: Eumaeini). *Journal of the Lepidopterists' Society* 55(3): 85-100, 45 figs. (26 February) [general]
- Robbins, Robert Kanner, and Paul Alexander Opler**
1997. *Butterfly diversity and a preliminary comparison with bird and mammal diversity*, pp. 69-82, 4 figs., 2 tabs. In: Reaka-Kudla, M. L., D. E. Wilson & E. O. Wilson (Eds.), *Biodiversity II. Understanding and protecting our biological resources*. Washington, D.C., Joseph Henry Press. [general; Neotropics]
- Robbins, Robert Kanner, and Gordon Burgess Small, Jr.**
1981. Wind dispersal of Panamanian hairstreak butterflies (Lepidoptera: Lycaenidae) and its evolutionary significance. *Biotropica* 13(4): 308-315, 3 figs., 1 tab. (December) [general]
- Robbins, Robert Kanner, and Barbara Adrienne Broady Venables**
1991. Synopsis of a new Neotropical hairstreak genus, *Janthecla*, and description of a new species (Lycaenidae). *Journal of the Lepidopterists' Society* 45(1): 11-33, 30 figs., 3 tabs. (14 August) [general; *J. leea*; morphology; phylogeny]
- Robbs, Charles Frederick** [1920-2012]
1950. Principais pragas do coqueiro na Baixada Fluminense. *Boletim do Campo* (Rio de Janeiro) 6(37): 1-6 (November-December) [*Brassolis astyra* Godart, *B. sophorae* (Linnaeus); Brazil]
1953. Principais pragas e doenças das plantas cultivadas no Distrito Federal. *Agronomia* (Niterói) 12(1): 57-85 (January-March) [general; host plants; Brazil]
1956. O coqueiro, suas pragas e os meios de combatêlas. *Agricultura e Pecuária* (Rio de Janeiro) 27(396): 30, 32 (November) [*Brassolis*; life history; Brazil]
1959. Insetos nocivos ao coqueiro e meios de combatêlos. *Boletim do Campo* (Rio de Janeiro) 15(119): 3-6, 9-12, 3 figs. (June) [*Brassolis* spp.; Brazil]
1960. Recomendações para o controle das doenças e pragas das plantas cultivadas no Estado da Guanabara. *Agronomia* (Niterói) 18(5): 67-99, 1 tab. (September-December) [general; host plants; Brazil]
1962. Recomendações para o controle de pragas e doenças. *FIR* (São Paulo) 4(9): 35-39 (May), (10): 30-34 (June), (11): 26-34 (June), (12): 24-34 (August); 5(1): 39-46 (September) [general; host plants; Brazil]
- Robert, Daniel**
2009. See Lucas, K. M. et al., 2009.
2014. See Lucas, K. M. et al., 2014.
- Roberto, Francisco de Assis da Silva**
2001. See Duarte, J. A., Jr. et al., 2001.
- Roberts, Furber S.**
1958. Insects affecting banana production in Central America. *Proceedings of the 10th international Congress of Entomology* (Montreal) 3: 411-415 (December) [*Caligo* sp.]
- Roberts, Nicholas W.**
2017. See Cuthill, I. C. et al., 2017.
- Robins, Richard J.**
1976. See Gibson, C. W. D. et al., 1976.
- Robinson, Coleman Townsend** [1838-1872]
1869. See Grote, A. R. & C. T. Robinson, 1869.
- Robinson, Gaden Sutherland** [1949-2009]
1975. *Macrolepidoptera of Fiji and Rotuma. A taxonomic & geographic study*. Faringdon, E. W. Classey Ltd. vii + 433 + 6 pp., frontisp., 173 + 357 figs., 28 tabs., 15 maps [*Strymon bazochii gundlachianus* (Bates); host plants]
1984. *Insects of the Falkland Islands: a checklist and bibliography*. London, British Museum (Natural History). 38 pp. [*Yramea cytheris cytheris* (Drury), *Danaus erippus* (Cramer), *Cynthia carye* (Hübner)]
2008. See Beccaloni, G. W. et al., 2008.
- Robinson, Michael H.**
1969. Defenses against visually hunting predators. *Evolutionary Biology* 3: 225-259, 18 figs., 1 tab. [general; mimicry, crypsis]
1979. Untangling tropical biology. *New Scientist* 82(1153): 378-381, figs. (3 May) [*Hamadryas*; Trinidad]
- Robinson, Roy**
1971. *Lepidoptera genetics*. Oxford, Pergamon Press. ix + 687 pp., 18 figs., 63 tabs. [general; Neotropics]
- Robinson, Wirt** [1864-1929]
1903. A trip after *Papilio homerus*. *Entomological News* 14(1): 17-21 ([7] January) [general; Jamaica]
- Robles, Fausto**
1966. Plagas del pallar en el valle de Ica. *Circular. Asociación de Agricultores de Ica. Estación experimental* (Ica) 2/66: 1-8 (August) [*Urbanus proteus* (Linnaeus), *Lycaena* (*Thecla*) sp.; life history; Peru]
- Robles, Jorge**



2012. See Durán, J. et al., 2012.
- Robles, Patricio**  
1997. See Mittermeier, R. A. et al., 1997.
- Robles-Bermúdez, Agustín**  
2019. See Cham, A. K. et al., 2019.
- Rocca, Márcia Alexandra, and Marlies Sazima**  
2006. The dioecious, sphingophilous species *Citharexylum myrianthum* (Verbenaceae): Pollination and visitor diversity. *Flora* (Jena) 201(6): 440-450, 4 figs., 2 tabs. (18 September) [general; Brazil]
- Rocha, Carlos Frederico Duarte da, and Marcelo Duarte**  
2001. Territorial-like defensive behavior of floral resources by *Heliconius ethilla narcaea* Godart over *H. sara apseudes* (Hübner) (Lepidoptera, Nymphalidae, Heliconiinae). *Revista brasileira de Zoologia* 18(suppl. 1): 323-328, 2 figs. (16 July) [Brazil]
- Rocha, Cristian Alexander**  
2013a. See Páez, E. S. et al., 2013.  
2013b. See Pérez, J. H. et al., 2013.
- Rocha, Enrique, José Amparo Rodríguez, Enrique Martínez and Juan López**  
2012. Biomimética: innovación sustentable inspirada por la naturaleza. *Investigación y Ciencia* (Aguascalientes) 20(55): 56-61, 7 figs. (August) [*Morpho*]
- Rocha, Francisco Dias da** [1869-1960]  
1908. Insectos. *Boletim do Museu Rocha* (Fortaleza) 1(1): 61-81 (January) [general; Brazil]  
1918. Subsídios para estudos da fauna cearense. *Polymathica* (Fortaleza) 2(8): 20-23. [general; Brazil]  
1921. *Excursão á cidade de Baturité, realizada por uma turma de alumnos da Escola de Agronomia do Ceará, em maio de 1921, confiada á nossa direcção*. Fortaleza, Escola de Agronomia. 19 pp., portr. [general; Brazil]  
\*1927. Subsídios para o estudo dos insectos cujas larvas atacam algumas plantas cultivadas e silvestres, cereaes, etc., no estado do Ceará. *Boletim da Sociedade cearense de Agricultura* (Fortaleza) 3(11): 78-80 [general; Brazil]  
1936. Subsídios para o estudo da fauna cearense. *Nordeste agrícola* (Ceará) 1(1): 28-32 (February) [general; host plants; Brazil]  
1954. Subsídio para o estudo da fauna cearense. (Catálogo das espécies animais por mim coligidas e notadas.) *Revista do Instituto do Ceará* 68: 185-204 [general; host plants; Brazil]
- Rocha, Germán de la**  
1965. Cultivo de la chirimoya y resultados experimentales alcanzados. *Boletín técnico. Servicio de Investigación y Promoción agraria. Ministerio de Agricultura* (Lima) 59: 1-23, 14 figs. (June) [*Thecla* spp.; Peru]
- Rocha, Jardel de Mello**  
1960. See Montenegro, H. W. S. et al., 1960.
- Rocha, Luan Ítalo Rebouças**  
2011. See Lima, M. S. de et al., 2011.
- Rocha, Miguel Antonio Loyola da**  
1966. See Vernalha, M. M. et al., 1966.  
1981. See Santos, H. R. dos & M. A. L. da Rocha, 1981.
- Rocha, Pedro Luís Bernardo da**  
2019. See Vasconcelos, R. N. de et al., 2019.
- Rocha, Pedro Luís Bernardo da, Blandina Felipe Viana, Márcio Zikán Cardodo, Amada Mariana Costa de Melo, Misonete Gueidneli Cavalcanti Costa, Rodrigo Nogueira de Vasconcelos and Tatiana Bichara Dantas**  
2013. What is the value of eucalyptus monocultures for the biodiversity of the Atlantic forest? A multitaxa study in southern Bahia, Brazil. *Journal of Forestry Research* 24(2): 263-272, 5 figs., 2 tabs. (1 June) [general]
- Rocha Neto, Miguel**  
1995. See Varela-Freire, A. A. et al., 1995.
- Rochat, Jâmes**  
1989. *Carlo Poluzzi et le monde des insectes*, pp. 13-16, 2 pls. In: *Carlo Poluzzi 1899-1978*. Carouge, Dumaret & Golay. 63 pp., pls. [*Agrias sardanapalus* aberration *versicolor* Biedermann]
- Rochester, Wayne A.**  
1999. See Zalucki, M. P. & W. A. Rochester, 1999.  
2004. See Zalucki, M. P. & W. A. Rochester, 2004.  
2005. See Dingle, H. et al., 2005.
- Rodarte, Ana Tereza de Araujo**  
2019. See São Leão, L. C. et al., 2019.
- Rodella, Roberto Antonio**  
1983. See Maimoni-Rodella, R. de C. S. et al., 1983.  
1986. See Maimoni-Rodella, R. de C. S. & R. A. Rodella, 1986.  
1987. See Maimoni-Rodella, R. de C. S. & R. A. Rodella, 1987.
- Rodiles, Rocío**  
1995. See Stanley, K. A. B. et al., 1995.
- Rodrigues, A.**  
2004. See Jiggins, C. D. et al., 2004.
- Rodrigues, Alan Edison Cirino**  
1997. See Lorenzato, D. et al., 1997.
- Rodrigues, André Luis Nunes**  
2006. See Ribeiro, R. C. et al., 2006.
- Rodrigues, Claudia Leal**  
2010. See Santos, S. B. dos et al., 2010.
- Rodrigues, Daniela**  
2011a. See Barp, E. A. et al., 2011.  
2011b. See Kaminski, L. A. & D. Rodrigues, 2011.  
2012a. See Kaminski, L. A. et al., 2012a.  
2012b. See Ramos, R. R. et al., 2012.  
2013. See Millán, C. et al., 2013.  
2015a. See Oliveira, M. V. de et al., 2015.  
2015b. See Ferreira, P. P. da S. & D. Rodrigues, 2015.  
2016a. Both associative learning and speed-accuracy trade-off occur in the southern monarch butterfly when visiting flowers. *Ethology Ecology & Evolution* 28(1): 30-41, 3 figs., 2 tabs. (January; published online 16 March 2015) [*Danaus erippus* (Cramer); host plant; Brazil]  
2016b. See Thiele, S. C. et al., 2016.  
2017a. See Ramos, B. de C. M. et al., 2017.  
2017b. See Santana, A. F. K. et al., 2017.  
2019. See Ramos, B. de C. M. et al., 2019.
- Rodrigues, Daniela, and André Victor Lucci Freitas**  
2013. Contrasting egg and larval performances help explain polyphagy in a florivorous butterfly. *Arthropod-Plant Interactions* 7(2): 159-167, 3 figs., 3 tabs. (April; published online 30 October 2012) [*Parrhasius polibetes* (Stoll); host plants, behavior; Brazil]
- Rodrigues, Daniela, Lucas Augusto Kaminski, André Victor Lucci Freitas and Paulo Sérgio Oliveira**  
2010a. Trade-offs underlying polyphagy in a facultative ant-tended florivorous butterfly: the role of host plant quality and enemy-free space. *Oecologia* 163(3): 719-728, 5 figs., 1 tab. (July; published online 10 April) [*Parrhasius polibetes* (Stoll); host plants; Brazil]
- Rodrigues, Daniela, Pedro Henrique Souza Maia and José Roberto Trigo**  
2010b. Sabotaging behaviour and minimal latex of *Asclepias*

*curassavica* incur no cost for larvae of the southern monarch butterfly *Danaus erippus*. *Ecological Entomology* 35(4): 504-513, 4 figs., 2 tabs. (August; published online 20 May) [Brazil]

**Rodrigues, Daniela, and Gilson Rudinei Pires Moreira**

2000. Feeding preference of *Heliconius erato* (Lep.: Nymphalidae) in relation to leaf age and consequences for larval performance. *Journal of the Lepidopterists' Society* 53(3): 108-113, 4 figs., 2 tabs. (16 June) [host plant; behavior; Brazil]
2002. Geographical variation in larval host-plant use by *Heliconius erato* (Lepidoptera: Nymphalidae) and consequences for adult life history. *Brazilian Journal of Biology* 62(2): 321-332, 6 figs. (31 May) [Brazil]
2004. Seasonal variation in larval host plants and consequences for *Heliconius erato* (Lepidoptera: Nymphalidae) adult body size. *Austral Ecology* 29(4): 437-445, 3 figs., 3 tabs. (August) [Brazil]

**Rodrigues, Deivid de Carvalho**

2010. See Jardim, B. de C. et al., 2010.

**Rodrigues, Everton Nei Lopes**

2019. See Bordin, S. M. S. et al., 2019.

**Rodrigues, Hanna Pâmela Araújo**

2017. See Lepesqueur, C. et al., 2017.

**Rodrigues, Higor de Souza**

2015. See Holtz, A. M. et al., 2015.

**Rodrigues, Jaqueline Josi Samá, Keith Spalding Brown, Jr. and Alexandre Ruzszczyk**

1993. Resources and conservation of Neotropical butterflies in urban forest fragments. *Biological Conservation* 64(1): 3-9, 4 figs., 2 tabs. [general; Brazil]

**Rodrigues, Licléia da Cruz**

2011. See Camargo, E. et al., 2011.

**Rodrigues, Ricardo Ribeiro, and Vera Lucia Ramos Bononi**

2008. *Diretrizes para a conservação e restauração da biodiversidade no Estado de São Paulo*. São Paulo, Instituto de Botânica. 248 pp., figs., tabs. [general; Brazil]

**Rodrigues, Rubens Alves**

1952. See Lordello, L. G. E. & R. A. Rodrigues, 1952.

**Rodrigues Netto, Sandra Maria**

1986. See Paschoal, I. et al., 1986.  
1990. See Garcia, I. P. et al., 1990.

**Rodríguez, Adriana**

2013. See León, J. L. et al., 2013.

**Rodríguez, Alejandro, Rosario Melina Barrón, Vinnet Kumar and Francisco Marcelo Lara**

2013. *Primer reporte de la mariposa aplaudidora* (Hamadryas februa) *Lepidoptera: Nymphalidae, en el valle del Mezquital, Hgo, México*, pp. 1247-1251, 4 figs. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(2). México, Sociedad mexicana de Entomología.

**Rodríguez, Alejandro, Armando Equihua, Celina Llanderal, Leodan Tadeo Rodríguez, Arturo Pro, José Manuel Pino, Rosario Melina Barrón and José Alberto García**

2017. Infestación del gusano blanco en maguey de cerro (*Agave lechuguilla* Torrey 1859). *Entomología mexicana* 4: 396-402, 8 figs. (July) [*Agathymus* aff. *remingtoni* (Stallings & Turner); host plant; Mexico]

**Rodríguez, Anabel**

2017. See Saladrigas, D. & A. Rodríguez, 2017.

**Rodríguez, Andrés**

2018. See Poffo, D. A. et al., 2018.

**Rodríguez, Angélica**

2016. See Sánchez-Soto, S. et al., 2016.

**Rodríguez, Arturo**

2015. See Huertas, B. C. et al., 2015.

**Rodríguez, Carlos**

- [2015]. See Rodríguez, G. & C. Rodríguez, [2015].

2019. See Rodríguez, G. & C. Rodríguez, 2019.

**Rodríguez, Carlos E., Luis E. Madriñán and Guy Hallman**

1985. Complejo de insectos que atacan las estructuras reproductivas del frijol común (*Phaseolus vulgaris* L.): épocas de presencia, intensidad de infestación y daño. *Acta agronómica* (Palmira) 35(4): 68-77, 3 figs., 2 tabs. (October-December) [also in *Revista colombiana de Entomología* 10(3/4): 20-24, 4 figs., 2 tabs.; December 1985] [*Strymon melinus* Hübner; Colombia]

**Rodríguez, César**

1997. See Ramírez, L. A. et al., 1997.

**Rodríguez, Cesáreo**

2001. See Ramírez, L. A. et al., 2001.

**Rodríguez, Claudia Luz, Carlos Suárez and Jesús Emilio Luque**

1994. El género *Morpho* en Colombia: I. Especies presentes en Colombia, distribución geográfica y altitudinal. *Agronomía colombiana* 11(1): 13-19, 5 figs., 1 tab. (January-June) [general]
- 1996a. El género *Morpho* en Colombia: II. Clave taxonómica para las especies presentes en Colombia. *Agronomía colombiana* 13(1): 1-22, 20 figs. [general]
- 1996b. El género *Morpho* en Colombia - III: Biología y ecología de las especies residentes en el Departamento de Boyacá, localidad de Otanche. *Agronomía colombiana* 13(2): 107-116, 5 figs., 2 tabs. (after November) [*Morpho cypris* Westwood, *M. peleides* Kollar, *M. amathonte* Deyrolle]

**Rodríguez, Daniel Eduardo**

2015. See Peña, Y. A. & D. E. Rodríguez, 2015.

**Rodríguez, Dely**

2000. See Rodríguez, R. et al., 2000.  
2004. See Hidalgo, M. M. et al., 2004.  
2007. See Rodríguez, R. et al., 2007.  
2009. See Mestre, N. et al., 2009.

**Rodríguez, Diego Alejandro**

2010. Caracterizaciones biológicas en la Hacienda Macondo (Mapiripán, Meta). *Orinoquia* (Villavicencio) 14 (Supl. 1): 18-27, 1 fig., 10 tabs. (16 December) [general; Colombia]

**Rodríguez, Dora Alba**

1985. Hongos entomopatógenos registrados en Colombia. *Revista colombiana de Entomología* 10(1/2): 57-64, 2 figs., 1 tab. (July) [*Panoquina* sp.]

**Rodríguez, Efraín Antonio**

2019. See Sermeño, J. M. et al., 2019.

**Rodríguez, Eloy, and Donald A. Levin**

1976. *Biochemical parallelisms of repellents and attractants in higher plants and arthropods*, pp. 214-270, 3 figs., 15 tabs. In: Wallace, J. W. & R. L. Mansell (Eds.), *Biochemical interactions between plants and insects*. New York, Plenum Press. [general; behavior]

**Rodríguez, Ernesto**

2008. See Daniels, J. C. et al., 2008.

**Rodríguez, F. M.**

2019. See Sermeño, J. M. et al., 2019.

**Rodríguez, Félix**

1975. *World of Wildlife: Animals of South America*. London, Orbis Publishing Limited. [viii] + 304 pp., figs. [Spanish Ed., 1970] [*Phoebis*, *Morpho hecuba* (Linnaeus)]

**Rodríguez, Gabriel**

2003. See Bollino, M. & G. Rodríguez, 2003.
- 2004a. See Vitale, F. & G. Rodríguez, 2004.
- 2004b. See Le Crom, J. F. et al., 2004.
- 2005a. See Pyrcz, T. W. & G. Rodríguez, 2005b.
- 2005b. See Pyrcz, T. W. & G. Rodríguez, 2005b.
- 2006a. See Pyrcz, T. W. & G. Rodríguez, 2006.
- 2006b. See Attal, S. et al., 2006.
- 2007a. See Prieto, C. H. & G. Rodríguez, 2007.
- 2007b. See Pyrcz, T. W. & G. Rodríguez, 2007.
- 2008a. See Vitale, F. & G. Rodríguez, 2008.
- 2008b. See Salazar, J. A. et al., 2008.
2009. See Constantino, L. M. & G. Rodríguez, 2009.
2010. See Salazar, J. A. et al., 2010a.
- 2012a. See Prieto, C. H. & G. Rodríguez, 2012a.
- 2012b. See Prieto, C. H. & G. Rodríguez, 2012b.
- 2012c. See Constantino, L. M. et al., 2012.
- [2013]. See Constantino, L. M. et al., [2013].
- [2015]. See Salazar, J. A. et al., [2015].
- [2017]. Descripción de dos nuevas subespecies de *Catasticta* (Lepidoptera: Pieridae) para Colombia, Sudamérica. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 20(1): 196-203, 9 figs. ("June 2016", [May 2017]) [published online before 25 August 2016] [*C. ctemene pitalito*, *C. cinerea farallonensis*]
- [2019]a. Descripción de la hembra de *Atlides dahnersi* Bálint, Constantino & Johnson, 2003 y el macho de *Adelpha justina maira* Orellana, 1996, en Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 22(2): 193-199, 3 figs. ("July 2018", [13 September 2019]; published online July 2018)
- 2019b. See Salazar, J. A. et al., 2019.
- Rodríguez, Gabriel, Luis Miguel Constantino and Julián Adolfo Salazar**
2010. Estudio sobre las especies colombianas de *Anteros* Hübner [1819] (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(1): 221-251, 39 + 9 figs., 2 maps (after 29 June) [new taxa: *A. pardalis*, *A. kupris antioquensis*, *A. bracteata chochoensis*; distribution]
- Rodríguez, Gabriel, and Holman Miller**
2013. Inventario preliminar de los Rhopalocera de Mitú, Vaupés, Colombia (Insecta: Lepidoptera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(1): 196-218, 4 + 21 figs. (June) [general]
- Rodríguez, Gabriel, and Carlos Rodríguez**
- [2015]. Una nueva subespecie de *Morpho niepelti* Röber para Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(2): 237-242, 2 figs. ("December 2014", [8 October 2015]) [*M. n. antioquiensis*]
2019. Tres nuevas subespecies de *Elzunia bomplandii* (Guérin-Ménéville [1844]) para Colombia (Nymphalidae: Danainae: Ithomiinae [sic]). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 23(1): 267-278, 4 figs. ("January", [13 September]; published online 13 February) [*E. b. cocorná* [sic], *E. b. amalfi*, *E. b. cumbitara*]
- Rodríguez, Gabriel, Julián Adolfo Salazar and Luis Miguel Constantino**
2011. Descriptions of new species and new records of riodinids (Lepidoptera, Riodinidae) from Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(2): 215-237, 58 figs. (after 10 January) [new taxa: *Colaciticus seitzii*, *Lucillella aphrodita*, *Euselasia tenebrosa*, *Machaya aenigmatica*, *Esthemopsis chochoana*, *Adelotypa andresi*, *Symmachia titiana occidentalis*]
- Rodríguez, Genoveva**
2011. See Connahs, H. et al., 2011.
- Rodríguez, Giovanna**
2000. See Piñas, F. & G. Rodríguez, 2000.
- Rodríguez, Gladys**
2000. See Díaz, A. et al., 2000.
- Rodríguez, Gladys, Ramón Silva, Renny Barrios, Asdrúbal Díaz, Rafael Cásares, Eutimio González and Emilio Milano**
- 2009a. Evaluación de atrayentes orgánicos para la captura de adultos de *Opsiphanes cassina* Felder, defoliador de la palma aceitera. *Agronomía tropical* (Maracay) 59(2): 173-182, 5 figs., 5 tabs. [host plant; Venezuela]
- Rodríguez, Gladys, Ramón Silva, Rafael Cásares, Renny Barrios, Asdrúbal Díaz and José Fariñas**
- 2012a. Tecnología agronómica de la palma aceitera (*Elaeis guineensis* Jacq.) y manejo integrado de su defoliador *Opsiphanes cassina* Felder (Lepidoptera: Brassolidae) en plantaciones comerciales del estado Monagas, Venezuela. *UDO agrícola* 12(3): 584-598, 3 figs. [host plant; parasitoids; predators; pathogens]
- 2012b. Aspectos bioecológicos del defoliador de la palma aceitera, *Opsiphanes cassina* Felder (Lepidoptera: Nymphalidae). *UDO agrícola* 12(3): 617-626, 3 figs., 5 tabs. [life history; host plant; behavior; Venezuela]
- Rodríguez, Gladys, Ramón Silva, Rafael Cásares and Asdrúbal Díaz**
2006. Fluctuación poblacional de adultos de *Opsiphanes cassina* Felder (Lepidoptera: Nymphalidae) en plantaciones de palma aceitera, *Elaeis guineensis* Jacq., en el estado Monagas, Venezuela. *Entomotropica* 21(1): 41-52, 4 figs. (April) [host plant]
- [2009]b. Aplicación del análisis de sendero a la época del incremento poblacional de *Opsiphanes cassina* Felder (Lepidoptera: Nymphalidae), en palma aceitera. *Entomotropica* 21(3): 161-169, 2 figs., 2 tabs. ("December 2006"; [2009]) [host plant; Venezuela]
- Rodríguez, Gladys, Ramón Silva, Rafael Cásares, Asdrúbal Díaz and Renny Barrios**
2011. Metodología para muestrear las fases inmaduras del defoliador *Opsiphanes cassina* Felder (1862) (Lepidoptera: Nymphalidae) en palma aceitera. *UDO agrícola* 11(1): 104-108, 1 fig., 2 tabs. [host plant; Venezuela]
- Rodríguez, Gustavo A.**
2013. See Ferrer-Paris, J. R. et al., 2013a.
- Rodríguez, Ignacio**
1963. El girasol, nuevo huésped de orugas de *Actinote pellenea* Hübner. *Idia* (Buenos Aires) 189: 47-48, 2 figs. (September) [Argentina]
- Rodríguez, Jacqueline**
2014. See Checa, M. F. et al., 2014.
- Rodríguez, Joana**
2009. See Checa, M. F. et al., 2009.
- Rodríguez, Joel**
1969. See Pacheco, F. & J. Rodríguez, 1969.
- Rodríguez, Jon Paul**
2013. See Ferrer-Paris, J. R. et al., 2013a.
- Rodríguez, Jon Paul, and Franklin Rojas**
- [1996]. *Libro Rojo de la Fauna Venezolana*. Caracas, PROVITA, Fundación Polar. 444 pp., figs., maps ("1995", [1996]) [general; conservation]
- Rodríguez, José**
2018. See Núñez, H. et al., 2018.
- Rodríguez, José Basilio** [1951-2013]
1983. La mariposa monarca (*Danaus plexippus* L.). *Natura*

- (Caracas) 74: 16-17, figs. (July) [life history; host plants; Venezuela]
1992. La mariposa negrita (*Abananote hylonome* Doubleday). *Natura* (Caracas) 95: 13-16, 6 figs. [egg, larva, pupa; host plant; Venezuela]
1993. Las mariposas. ¿Animales únicamente para admirar en la Naturaleza? *Natura* (Caracas) 97: 8-11, 9 figs. [general; Venezuela]
- Rodríguez, José Vicente**  
[2018]. See Henao, E. R. et al., [2018].  
[2019]. See Henao, E. R. et al., [2019].
- Rodríguez, Josephine J.**  
2008. See Smith, M. A. et al., 2008.  
2009. See Janzen, D. H. et al., 2009.  
2012. See Smith, M. A. et al., 2012.  
2014. See Fernández-Triana, J. L. et al., 2014.
- Rodríguez, Juan José** [ -1916]  
1893. *Apuntamientos sobre los estudios de Biología en Guatemala é importancia de estos estudios*. Guatemala, Encuadernación y Tipografía Nacional. 28 pp. (after 3 November) [general]  
1894. *Memoria sobre la fauna de Guatemala*. Guatemala, Tipografía Sánchez y de Guise. 11 pp. [*Vanessa antiopa* (Linnaeus), *Pyrameis cardui* (Linnaeus)]
- Rodríguez, Karla**  
2005. See Rendón, E. et al., 2005.
- Rodríguez, Katihusca, Francisco Paz and Ruth Hortensia Bastardo**  
2014. Diversidad y patrones de distribución de las mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) en un transecto altitudinal del Parque Nacional Sierra Martín García, República Dominicana. *Novitates caribaea* 7: 72-82, 3 figs., 3 tabs. (October) [general]
- Rodríguez, Krys**  
2004. See Barro, A. et al., 2004.
- Rodríguez, Leodan Tadeo**  
2017. See Rodríguez, A. et al., 2017.
- Rodríguez, Leonardo**  
1997. See Fernández, D. M. & L. Rodríguez, 1997.  
1998. See Fernández, D. M. & L. Rodríguez, 1998.
- Rodríguez, Luis Ángel**  
2006. Lethal low temperature for *Melanis pixe* (Lepidoptera: Riodinidae), and the relationship to its northern range in southern Texas. *Southwestern Entomologist* 31(2): 129-134, 1 fig., 2 tabs. (June) [Mexico]
- Rodríguez, Luis Ángel, and Marco Antonio Reyes**  
2005. Parasitism of *Melanis pixe* (Lepidoptera: Riodinidae) on guamuchil in northern Mexico. *Southwestern Entomologist* 30(3): 191-192, 1 tab. (September) [host plant]
- Rodríguez, Luis Ángel, and Enrique Rosales**  
2015. First report of *Eumaeus childrenae* (Lepidoptera: Lycaenidae) feeding on the imported ornamental *Cycas revoluta* (Cycadales: Cycadaceae) in Mexico. *Southwestern Entomologist* 40(4): 843-845. 1 fig. (December) [host plant]
- Rodríguez, Luis Miguel**  
2014. See Toro, A. A. & L. M. Rodríguez, 2014.
- Rodríguez, María Ángeles**  
2018. See Jay, P. et al., 2018.
- Rodríguez, María E.**  
1974. See Cabello, G. et al., 1974.
- Rodríguez, Maricela**  
2012. See Díaz, M. A. et al., 2012.
- Rodríguez, Mildred Paola**  
2015. See Cuevas, M. I. et al., 2015.
- Rodríguez, Misraim Edivaldo**  
2017. See Gómez, B. et al., 2017.
- Rodríguez, Oswaldo, Blas Hernández and Jean-Michel-Maes**  
2010. *Dynastor macrosiris* ssp. *strix* (Lepidoptera, Nymphalidae), un nuevo reporte para la fauna de Nicaragua. *Biodiversidad* (Managua) 2: 59-62, 1 fig. (May)
- Rodríguez, Pedro J.**  
1976. See Bastida, R. et al., 1976.
- Rodríguez, Ricardo**  
1970. See Garayar, H. & R. Rodríguez, 1970.  
1993. See Guerra, M. et al., 1993.
- Rodríguez, Robin E., Sneha P. Agarwal, Shun An, Eric Kazyak, Debashree Das, Wen Shang, Rachael Skye, Tao Deng and Neil P. Dasgupta**  
2018. Biotemplated *Morpho* butterfly wings for tunable structurally colored photocatalysts. *ASC applied Materials & Interfaces* 10(5): 4614-4621, 4 figs., 1 tab. (7 February; published online 16 January) [*M. sulkowskyi* Kollar]
- Rodríguez, Ronald**  
1987. See Urzúa, A. et al., 1987.
- Rodríguez, Rosanna**  
1990. See Fontenla, J. L. & R. Rodríguez, 1990.  
2004. See Hidalgo, M. M. et al., 2004.  
2009. See Mestre, N. et al., 2009.
- Rodríguez, Rosanna, Ileana Fernández, Rayner Núñez, Dely Rodríguez, Liana Bidart, Arturo Ávila, Marta Milagros Hidalgo, Mabel López and Alan Rivero**  
2007. *Invertebrados terrestres*, pp. 26-30, 3 figs., 1 tab. In: Alcolado, P. M., E. E. García & M. Arellano (Eds.), *Ecosistema Sabana Camagüey. Estado actual, avances y desafíos en la protección y uso sostenible de la biodiversidad*. La Habana, Editorial Academia. [*Dianesia carteri* (Holland), *Agraulis vanillae nudeola* Bates; Cuba]
- Rodríguez, Rosanna, Ileana Fernández, Dely Rodríguez, Melba Otero, Marta Milagros Hidalgo, Ana Margarita Fernández, María Trujillo and Mabel López**  
2000. Presencia de insectos en 12 cayos del archipiélago de Sabana-Camagüey, Cuba. *Poeyana* 476/480: 23-28, 2 figs., 2 tabs. (23 July) [general]
- Rodríguez, Rosario**  
2016. See Jasso, J. M. et al., 2016.  
2018. See Jasso, J. M. et al., 2018.
- Rodríguez, Silvia**  
1982. See Hernández, V. et al., 1982.  
2012. See Terrón, R. A. et al., 2012.
- Rodríguez, Vanina Andrea, Mariano Nicolás Belaich, Diego Luis Mengual, Alicia Sciocco-Cap and Pablo Daniel Ghiringhelli**  
2011. Identification of nucleopolyhedrovirus that infect nymphalid butterflies *Agraulis vanillae* and *Dione juno*. *Journal of Invertebrate Pathology* 106(2): 255-262, 5 figs., 2 tabs. (February; published online 1 November 2010) [host plants; Argentina]
- Rodríguez, William David, José Luis Navarrete-Heredia, Miguel Vásquez-Bolaños, Ramón Rodríguez-Macias, Guillermo Ariel Briceño-Félix, Juana María Coronado-Blanco and Enrique Ruiz-Cancino**  
2019. Insects associated with the genus *Agave* spp. (Asparagaceae) in Mexico. *Zootaxa* 4612(4): 451-493, 2 tabs. (31 May) [general; host plants; parasitoids]
- Rodríguez, Windy, Antonio Vera and José Espinoza-Pernía**

2016. Insectos polinizadores y visitantes florales de *Guaiacum officinale*, *Peltophorum pterocarpum* y *Turnera subulata* en un matorral xerófilo secundario de Maracaibo, Venezuela. *Anartia* (Maracaibo) 26: 29-50, 2 tabs. (after 10 March) [*Kricogonia lyside* (Godart), *Charis* sp.]
- Rodríguez, Xarely Teresita**  
2012. See Cuevas, M. I. et al., 2012.  
2013. See Cuevas, M. I. et al., 2013.
- Rodríguez, Ximena, Adriana Cortadi and Guillermo Montero**  
2012. Ensamblajes de insectos herbívoros en Asclepiadaceae espontáneas del sur de Santa Fe. *Naturalmente digital* (Rosario) 5(1): 6-8, 4 figs., 1 tab. (August) [*Danaus erippus* (Cramer), *D. gilippus* (Cramer); hostplants; predator; Argentina]
- Rodríguez-Alonso, José**  
1991. Mariposas monarca. *Geomundo* 15(2): 114-121, figs. (February) [*Danaus plexippus* (Linnaeus); life history; migration; Mexico]
- Rodríguez-Clark, Kathryn M.**  
2013. See Ferrer-Paris, J. R. et al., 2013a.
- Rodríguez-Dimaté, Francisco Andrés, Júlio César Melo Poderoso, Rafael Coelho Ribeiro, Bruno Pandelo Brügger, Carlos Frederico Wilcken, José Eduardo Serrão and José Cola Zanuncio**  
2016. *Palmistichus elaeisis* (Hymenoptera: Eulophidae) parasitizing pupae of the passion fruit pest *Agraulis vanillae vanillae* (Lepidoptera: Nymphalidae). *Florida Entomologist* 99(1): 130-132, 1 fig., 1 tab. (March) [host plant; Brazil]
- Rodríguez-Garay, Benjamín**  
2017. See García-Mendoza, A. J. et al., 2017.
- Rodríguez-Gironés, Miguel Ángel**  
2017. See Ramos, B. de C. M. et al., 2017.
- Rodríguez-Lucio, Viridiana Guadalupe, Fernando Carlin-Castelán, Juan Antonio Reyes-Agüero and Jéssica Grétel Loza-León**  
2019. Diversidad de lepidópteros diurnos en un oasis de la Sierra de San Miguelito, San Luis Potosí, México. *Entomología mexicana* 6: 334-339, 1 fig. (July) [general]
- Rodríguez-Macias, Ramón**  
2019. See Rodríguez, W. D. et al., 2019.
- Rodway, James** [1848-1926]  
1911. Butterflies and moths as botanists. *Timehri* (3)1(2): 130-135 (July) [general; host plants; behavior; Guyana]
- Roe, Amanda D.**  
2009. See Regier, J. C. et al., 2009.
- Roe, Amanda D., Susan J. Weller, Joaquin Baixeras, John Wesley Brown, Michael P. Cummings, Donald R. Davis, Akito Yuji Kawahara, Cynthia S. Parr, Jerome C. Regier, Daniel Rubinoff, Thomas Johannes Simonsen, Niklas Wahlberg and Andreas Zwick**  
2009. *Evolutionary framework for Lepidoptera model systems*, pp. 1-24, 6 figs. In: Goldsmith, M. R. & F. Marec (Eds.), *Molecular Biology and Genetics of the Lepidoptera*. Boca Raton, CRC Press (1 September) [general]
- Röber, Johannes Karl Max** [1861-1942]  
1889-92. II. Theil. Die Familien und Gattungen der Tagfalter systematisch und analytisch bearbeitet. In: Staudinger, O. and E. Schatz (Eds.), 1884-1892, *Exotische Schmetterlinge*. Fürth, G. Löwensohn. 2(5): 181-224, pls. 35-42 (November 1889), (6): [5] + ii + 225-284, pls. 43-50 (March 1892) [general; host plants; larvae, pupae, imagines; morphology; zoogeography; new genera: *Pseudomaniola*, *Catargynnis*, *Trophonina*, *Drepanula*, *Amphiselenis*, *Hopfferia*, *Acystipoda*, *Astraeodes*, *Melanope*; Neotropics]
1895. Neue Eryciniden. *Entomologische Nachrichten* 21(10): 149-151 (May) [*Aculhua inca*; Peru]
1896. *Opsiphanes fruhstorferi* n. sp. *Entomologische Nachrichten* 22(21): 323-324 (November) [Brazil]
- 1903a. Zwei neue Morphiden. *Societas entomologica* 17(20): 153-154 (15 January) [*Morpho fruhstorferi*; Ecuador]
- 1903b. Lepidopterologisches. *Stettiner entomologische Zeitung* 64(2): 337-358 (October) [general; new taxa: *Thecla wernickei*, *Esthemopheles* (new genus) *lamprolenis*, *Eunica mabildei*, *Ematurgina* (new genus) *mabildei*, *Morpho godartii* variety *assarpai*, *M. peleides* variety *maculata*, *M. hector*, *M. h.* variety *subfasciata*, *M. telamon*, *M. peleus*, *M. trojana*, *M. hermione*, *M. electra*, *Mesosemia chalybaea*; South America]
- 1904a. Neue Caligo-Arten. *Societas entomologica* 18(19): 145-147 (1 January) [*C. pavo*, *C. placidianus* variety *micans*, *C. atlas*, *C. phorbis*, *C. hänschi*; Colombia, Ecuador]
- 1904b. Neue Schmetterlinge. *Societas entomologica* 19(14): 105-106 (15 October) [*Mechanitis vilcanota*, *Bia actorion* variety *peruana*, *Lymnas hillapana*, *Rusalkia marathon* variety *stenotaenia*; Peru]
1905. Die sogen. "Schwänze" der Lepidopteren. *Stettiner entomologische Zeitung* 66(2): 247-259 (November) [general]
- 1906a. Neue Schmetterlinge. *Societas entomologica* 20(23): 177-178 (1 March) [*Metamorphia dido* variety *ostara*, *M. wernickei*, *Opoptera sulcius* variety *sodalis*; Colombia, Brazil]
- 1906b. Neue Brassoliden. *Societas entomologica* 21(3): 18-21 (1 May), (4): 27-28 (15 May) [general; *Blepolenis* (new genus) *batea* aberration *dubia*, *B. catharinae* variety *wilhelminae*, *B. didymaon* variety *panormus*, *Opsiphanes sticheli*, *O. badius* variety *cauca*, *O. aurivillii*; Brazil, Colombia, Ecuador, Panama]
- 1908-09. 2. Familie: Pieridae, Weisslinge. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 53-56 (25 May 1908), 57-64 (26 September 1908), 65-72 (26 November 1908), 73-80 (16 February 1909), 81-88 (19 February 1909), 89-96 (26 March 1909), 97-104 (26 April 1909), 105-111 (21 May 1909), pls. 18-30. [general; ecology; behavior; life histories; new taxa: *Tatochila pyrromma*, *T. demodice* form (?) *sagittata*, *T. stigmadice* form *immaculata*, *Pieris aripa elodina*, *P. mandela xanthomelas*, *P. m. pallida*, *Leptophobia eleone* female form *ochracea*, *L. e. doubledayi*, *Perrhybris pyrrrha* form *pandora*, *P. p. flammula*, *P. p.* female form *fruhstorferi*, *Pereute autodyca* form *rosa*, *P. a. paula*, *P. charops subvarians*, *P. c. cauca*, *P. c. peruvianus*, *P. leucodrosime* form *reducta*, *P. l. latona* aberration *unicolor*, *P. telthusa magna*, *P. t. boliviana*, *Charonias* (new genus) *eurytele* aberration *albimaculata*, *C. e. dimorphina*, *Appias drusilla* aberration *hollandi*, *Leodonta dysoni intermedia*, *Catasticta pieris innuba*, *C. nimbece bryson*, *C. colla plesseni*, *C. chelidonis* form (?) *philomene*, *C. c.* form *aequatorialis*, *C. hopfferi*, *C. h.* form *obscurior*, *C. prioneris caucana*, *C. sisamnus pitana* female form *flava*, *C. troezenides*, *C. niobe*, *C. suasa*, *C. s. suasella*, *C. toca* form *detrita*, *C. scaeva*, *C. tomyris tamina*, *C. paradoxa*, *C. marcapita*, *C. clara*, *C. eximia*, *Daptoneura lycimnia paulista* form

- paula*, *D. l. hypoxantha*, *Mathania aureomaculata pallida*, *Hesperocharis catasticta*, *H. nera* form *boliviana*, *H. n. amazonica* form *flavescens*, *H. nereina* form *chloris*, *H. marchalii* form *sulphurescens*, *Terias arbela boliviensis*, *T. doris*, *T. elathea* form *ella*, *T. phiale* form *paula*, *Catopsilia argante floridensis*, *Gonepteryx menippe* form *calypso*, *G. m.* form *thetis*, *G. maerula* form *flava*, *Kricogonia lyside* form *xanthophila*, *Teriocolias* (new genus) *atinas pacis*, *T. a. plesseni*, *Colias philodice* aberration *alba*, *C. p. guatemalena*, *C. flaveola* aberration *saturata*, *C. f.* aberration *alba*, *Meganostoma cesonia centralamericana*, *Phulia nymphagoga*, *P. nysiella*, *Dismorphia acutipennis* form *disjuncta*, *D. melite* form *alba*, *D. mirandola* form *cauca*, *D. proserpina* form *demeter*, *D. lysis* form *peruana*, *D. lewyi boliviensis*, *D. ines*, *D. amphione astynomides*, *D. a.* form *meridionalis*, *D. batesi*, *D. leuconoe* form *melanoides*, *D. fortunata* form *ithomiella*, *D. avonia* form *pallida*, *Appias janeira* form *peregrina*, *Catasticta affinis*; Neotropics]
1913. 4. *Gattung*: *Phyciodes* Hbn. - 7. *Gattung*: *Gnathotriche* Fldr. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 434-440 (10 December), 441-448 (15 December) [general; new taxa: *P. liriope lirina*, *P. l. flavina*, *P. variegata*, *P. fasciata fasciatella*, *P. taeniata*, *P. teletusa peruana*, *P. t. boliviana*, *P. orthia* aberration *evanescens*, *P. velica dictynna*, *P. elaphiaea elaphina*, *P. e. abrupta*, *P. crithona stenotaenia*, *P. levana*, *P. drusinilla*, *P. subconcolor*, *P. drusilla* form *albofascia*, *P. flavimacula*, *P. f. conflua*, *P. aequatorialis*, *P. a. gisela*, *P. morena*, *P. ianthe atra*, *P. myia* form *griseobasalis*, *P. albescens*, *P. albipunctata*, *P. selene*, *P. catula extincta*, *P. minima*, *P. polina* form *intermedia*, *P. sestia* female form *saturata*, *P. nauplia* form *plagiata*, *P. eranites mejicana*, *P. olivencia* form *gudruna*, *P. o.* form *brunhilda*, *P. o. polymnia*, *P. pardalina*, *P. p. apicalis*, *P. murena heliconina*, *P. ildica fassli*, *P. celemina*, *P. mimas subfasciata*, *P. letitia ocellata*, *P. lansdorfi* form *jacinthica*, *P. acraeina* female aberration *aberrans*, *P. a.* form *hilarina*, *P. neria* form *microdryope*, *P. actinote limbata*; life histories; ecology; behavior; mimicry; Neotropics]
- 1914a. Lepidopterologisches. *Societas entomologica* 29(2): 5-6 (17 January) [general; new taxa: *Prepona chromus fassli*, *P. fruhstorferi*, *P. falcata*, *Blepolenis wilhelmina* male aberration *subsexsecta*; Bolivia, Colombia, Brazil, Panama]
- 1914b. 4. *Gattung*: *Phyciodes* Hbn. - 7. *Gattung*: *Gnathotriche* Fldr. [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 449-454 ([before 28 February]), pls. 88-92. [general; new taxa: *P. hopfferi*, *P. erebia*, *P. actinotina*, *P. vanessoides*, *P. aurora*, *P. castilla* form *virilis*, *P. perilla lugubris*, *P. pellenea*, *P. fenestrata*, *P. levina* form *decorata*, *Chlosyne mediatrix* form *felderi*, *C. m.* form *fassli*, *C. m.* form *fruhstorferi*, *C. hyperia* form *marianna*, *C. h. misera*, *C. fasciata*, *C. poecile* form *rubrigutta*, *C. gaudialis laeta*, *C. seitzii*, *Microtia elva* form *draudti*, *Gnathotriche exclamationis* female form *eresia*; life histories; ecology; behavior; mimicry; Neotropics]
- 1914c. 35. *Gattung*: *Epiphile* Dbl. - 38. *Gattung*: *Myscelia* Dbl. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 477-480 (19 June) [general; ecology; behavior; life histories; new taxa: *E. iblis* female form *albifasciata*, *E. dilecta*, *E. dinora* form *boliviana*, *E. epicaste* form *latifasciata*, *E. fassli*, *Catonephele numilia* aberration *fulva*; Mexico, Central and South America]
- 1915a. 35. *Gattung*: *Epiphile* Dbl. - 38. *Gattung*: *Myscelia* Dbl. [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 481-483 (17 May), pls. 97-99. [general; ecology; behavior; life histories; new taxa: *M. cyanomelas*, *M. capenas* form *madeira*; Neotropics]
- 1915b. 42. *Gattung*: *Callithea* Bsd. - 46. *Gattung*: *Dynamine* Hbn. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 490-504 (23 June), 505-508 (13 September), pls. 99, 101A-B, 102A-B, 103. [general; ecology; behavior; life histories; new taxa: *Callithea buckleyi staudingeri*, *C. adamsi frigga*, *C. depuiseti* form *eudia*, *C. optima* form *eminens*, *C. freyja*, *C. fassli*, *Catagramma excelsior pastazza* form *speciosa*, *C. texa fassli*, *C. pygas typhla*, *Perisama priene boliviana*, *P. p. aenea*, *P. lebasii* form *negrina*, *P. moronina*, *P. alicia ilia*, *P. calamis fassli*, *Corecalla*, *Callicore phlogea boliviana*, *C. gueneei*, *C. artemis*, *Dynamine agacles core*, *D. amazonica*, *D. agnes*, *D. mylitta* aberration *bipupillata*, *D. gisella* aberration *peruviana*, *D. meridionalis*; Neotropics]
- 1915c. Gesichtssinn bei Insekten. *Societas entomologica* 30(11): 59-61 (15 October), (12): 69-70 (12 November) [general]
- 1916a. L. Gruppe *Apaturidi*. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 545-550 (18 April), pls. 109-110A-B. [general; ecology; behavior; life histories; new taxa: *Chlorippe cyane reducta*, *C. cherubina parva*, *C. lavinia* aberration *chlorotaenia*, *C. pavon subtuniformis*, *C. laure hubneri*, genus *Asterocampa*; Neotropics]
- 1916b. 59. *Gattung*: *Coenophlebia* Fldr. - 65. *Gattung*: *Anaea* Hbn. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 577-584 (31 May), 585-592 (15 May), pls. 103, 110A, 116-119, 120A-D. [general; ecology; behavior; life histories; new taxa: *Protonotus hippona chiricanus*, *P. h. fassli*, *P. h. trinitatis*, *Anaea troglodyta appiciata*, *A. glycerium ornata*, *A. rutilans caudata*, *A. arginussa* form *concolor*, *A. appias appiades*, *A. testacea*, *A. xenocles* aberration *subbrunnescens*, *A. oenomais* form *lina*, *A. acaudata*, *A. glauce felderi*, *A. g. centralis*, *A. vicinia iphimedes*, *A. memphis montana*, *A. anassa aulica*, *A. vicinalis*, *A. magdalena*, *A. m.* form *elegans*, *A. chorophila*, *A. dia divina*, *A. pasibula fassli*; Neotropics]
- 1916c. *Nymphalinae*. Nachtrag. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 598-600 ([16 December]) [general; Mexico, South America]
1919. Lepidopterologisches. *Entomologische Rundschau* 36(4): 16-17 (15 April) [new taxa: *Heliconius sulphureus subsulphureus*, *H. xenoclea* aberration *zio*; Peru]
- 1921a. Ueber Mimikry und verwandte Erscheinungen bei Schmetterlingen. *Entomologische Mitteilungen* 10(1): 23-30 (5 January) [general; Brazil, Venezuela]
- 1921b. Ueber bekannte und neue Schmetterlinge. *Entomologische Rundschau* 38(1): 4-5 (15 January), (2): 7-8 (15 February) [general; *Heliconius assimilis*, *H. notabilis rubescens*, *H. simulator*, *H. besckei principalis*, *Callicore (Catagramma) platyaenia*, *C. (C.) excelsior coruscans*, *C. (C.) sorana splendida*;

- Neotropics]
- 1921c. Ueber Mimikry und verwandte Erscheinungen bei Schmetterlingen. *Entomologische Mitteilungen* 10(2): 34-40 (1 March), (3): 68-74 (1 May) [general; South America]
- 1923a. Neue Schmetterlinge. *Entomologische Mitteilungen* 12(1): 57-59 (5 January) [general; *Heliconius vetustus boyi*, *Adelpha wernickei*, *Thecla publica*; Brazil, Colombia]
- 1923b. Neue Schmetterlinge usw. *Stettiner entomologische Zeitung* 84(1): 94-96 (31 July) [general; new taxa: *Catonephele boyi*, *Rodinia (Euerycina) vulnerata*, *Eumaeus hagmanni*, *Callicore (Catagramma) peristera angustifascia*, *Evonyma elegans electa*, *E. concordia satura*, *E. persephone proserpina*; Brazil, Colombia, Peru, Bolivia]
- 1924a. Nachträge: *Pieridae*. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1014-1024 (21 January) [general; ecology; behavior; life histories; new taxa: *Tatochila joergenseni*, *Pieris buniae artaxata*, *P. b. gerosa*, *P. b. masinissa*, *Leodonta dysoni batzebina*, *Catasticta hegemon albescens*, *C. h. helle*, *C. h. chiricana*, *C. argolis*, *C. scurra*, *C. bithyna*, *C. philothina*, *C. p. incertina*, *C. phile*, *C. subtoca*, *C. chelidonides*, *C. variabilis*, *C. latiplaga*, *C. pallens*, *Colias strandi*, *Pseudopieris limbalis*, *Dismorphia albimacula*; Mexico, Central and South America]
- 1924b. Nachträge: *Gattung Phyciodes - Gattung Chlorippe* [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1033-1037 (6 February), pl. 102C. [general; new taxa: *Perisama insignis*, *P. lebasii dividens*, *P. clara*, *P. marianna*, *P. oppelii angustifasciata*, *P. humboldti fasciata*, *P. h. tenuifasciata*, *P. tringa testacea*, *P. guerini aureilimbata*, *P. dealbata*, *Callicore gabaza stenotaenia*, *C. seropina*, *C. teana*, *C. gabaza plumbilimbata*, *Dynamine motacilla*; South America]
- 1924c. Nachträge: *Gattung Siderone - Gattung Anaea*. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1041-1043 (29 February), pl. 102C. [general; *Anaea suprema*: life history; new taxa: *A. xenocrates demaculata*, *A. polyxo polyxena*, *A. anceps*, *A. discophora*; Brazil, Colombia, Peru]
- 1924d. Nachträge: *Pieridae* [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1025-1026 (26 March), pls. 192-194. [general; new taxa: *Dismorphia astynome paulistana* female form *donia*, *D. mercenaria versicolora* female form *carcosa*, *D. jurua*, *D. mechanitina*, *D. xanthone*, *D. pellucida*, *D. pinthaeus* (?) form *proxima*; South America, Panama]
- 1924e. Nachträge: *Gattung Phyciodes - Gattung Chlorippe* [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1030-1032 (26 March) [general; new taxa: *Callithea boyi*, *Catagramma mena lamprolenis*, *C. m. bella*, *C. transversa*, *C. arirambae albifasciata*; South America, Costa Rica]
- 1925a. Neue südamerikanische Falter (Lep.). *Entomologische Mitteilungen* 14(1): 85-100 (15 January), (2): 156-162 (10 April) [general; *Papilio scamander joergenseni*, *P. hirundo*, *Pyrrhopyge phoebus*, *P. apollo*, *P. olivacea*, *Amenis similis*, *Mysoria erythrostigma*, *Sarbia amoena*, *Jemadia albescens*, *J. miodesmiana*, *Mimonides aequatorea*, *M. hemitaenia*, *M. inaequalis*, *M. angustifascia*, *Agara aurora*, *Phocides parvus*, *P. vulcanides*, *P. aberrans*, *P. jemadides*, *Goniurus virens*, *Thymele aulicus*, *T. albifasciatus*, *T. subfasciatus*, *Lychnuchoides nubilus*, *Zenis leucomelas*, *Xeniades cecropteroides*, *X. leucogaster*, *Paches gloriosus*, *Heliopetes dividua*, *Vettius phyllides*, *Carrhenes pallida*, *Pyrrhopyge punctata*, *Jemadia gigantea*, *J. extrema*, *Myscelus flavicollis*, *Phocides palaemonides*, *P. albiciliata*, *P. iocularis*, *Eudamus chlorothrix*, *Polygonus (Acolastus) histrio*, *P. amyntas pallida*, *Thespies chlorocephala*, *Mysoria caucana*]
- 1925b. Neue Falter. *Stettiner entomologische Zeitung* 85(1/2): 184-190 (May) [general; new forms: *Agrias claudia claudianus* form *cassandra*, *A. c. c.* form *eos*; Brazil, Colombia]
- 1925c. *Papilio ampliornatus* sp. n. (Lepid.). *Entomologische Mitteilungen* 14(3/4): 235-236 (20 July) [Brazil]
- 1925d. Synonymisches (Lep.). *Stettiner entomologische Zeitung* 86(1): 175-176 (August) [general; new genus: *Agnostogyna*]
- 1925e. Neue Falter. *Entomologische Rundschau* 42(11): 42-43 (15 November), (12): 45-56 (15 December) [*Papilio fallax*, *P. dolicaon xanthopilus*; Brazil, Ecuador]
- 1926a. Neue tropische Falter. *Entomologische Rundschau* 43(4): 13, figs. 1-2 (15 April), (5): 18, figs. 3-4 (15 May), (6): 22-23, figs. 5-6 (15 June) [*Papilio agesilaus viridis*, *P. glaucolaus pumilus*; Colombia]
- 1926b. Lepidopterologisches. *Entomologische Mitteilungen* 15(3/4): 226-230 (1 July) [general; new taxa: *Anaea panariste luciplena*, *A. drucei brunnea*, *A. nessus floridus*, *Argyrogramma boyi*; Colombia, Peru, Ecuador, Brazil]
- 1926c. Neue tropische Falter. *Entomologische Rundschau* 43(7): 26-27, fig. 7 (15 July), (8): 32, 1 fig. (15 August) [*Thracides nanea chiricana*, *Pyrrhocalles kruegeri*; Panama, República Dominicana]
- 1926d. Lepidopterologisches. *Entomologische Mitteilungen* 15(5/6): 372-377 (10 October) [general; new taxa: *Eumaeus minyas superbus*, *E. atala florida*; Bolivia, Cuba]
- 1927a. Neue exotische Falter. *Internationale entomologische Zeitschrift* 20(44): 400-403, 1 pl. (22 February), (45): 412-414 (1 March), (46): 419-421 (8 March), (47): 428-430 (15 March) [general; *Papilio schuppi*, *P. torquatus* aberration *modestus*, *P. duodecimus*, *Tithorea cassandrina microguttata*, *Eueides lampeto apicalis*, *E. edias umbratilis*, *Morpho hercules antaeus*, *Pseudosteroma pilosa*, *Lymanopoda kruegeri*, *L. pieridina*, *Cheimas* (?) *albifasciatus*, *C. (?) polyommatus*, *Adelpha egregia*, *Corecalla (Callicore) phlogea* aberration *hypoxantha*, *Thecla erythrozona*, *Anastrus niger*; Colombia, Ecuador, Brazil, Peru, Bolivia]
- 1927b. Neue exotische Falter. *Internationale entomologische Zeitschrift* 21(13): 97-100, 1 fig. (1 July), (14): 105-107 (8 July) [general; *Opsiphanes erebus*, *Melitaea magniplaga*, *Ageronia chloe colombicola*, *Anaea discophora maculata*, *Hyphilaria boyi*, *Lemonias caelestis*, *Eumaeus giganteus*; Peru, Colombia, Ecuador, Brazil]
- 1927c. Neue exotische Falter. *Internationale entomologische Zeitschrift* 21(18): 140-142, 1 pl. (8 August) [general; *Morpho kruegeri*, *Dynastor populus*, *Emesis pseudomandana*; Peru, Colombia, French Guiana]
- 1927d. Neue exotische Falter. *Internationale entomologische Zeitschrift* 21(24): 197-198 (22 September) [general; *Morpho niepelti*; Colombia]

- 1927e-28a. Neue exotische Falter. *Internationale entomologische Zeitschrift* 21(31): 281-282 (15 November 1927), (45): 435, 1 pl. (1 March 1928) [general; *Euptychia mycalesis*, *Adelpha rothschildi pallida*, *Anaea lorna infantilis*; Colombia]
- 1928b. Neue exotische Falter. *Internationale entomologische Zeitschrift* 22(6): 67-72, 3 figs. (8 May) [general; *Perrhybris lypera septentrionalis*, *Myscelia capenas obscura*, *Nessaea obrinus latifascia*, *N. batesi magniplaga*, *Dynamine vicaria colombicola*, *Prepona antimache oligotaenia*, *P. eugenes ameinogenes*; Costa Rica, Colombia]
1929. Ueber einige exotische Falter. *Internationale entomologische Zeitschrift* 23(27): 323-327, 1 fig. (15 October) [general; new taxa: *Naropina* (new genus) *pusilla*, *Morpho achilles michaeli*, *Papilio vertumnus* form *nigripalpus*; Brazil, Bolivia, Peru]
1930. Neue Falter. *Entomologische Zeitschrift* 44(2): 19-21, 1 fig., pl., fig. 2 (22 April) [general; *Teracinia* (new genus) *florida*, *Aprotopos hippodamia* aberration *simplicior*, *Dircenna clara*, *Pseudomechanitis* (new genus) *paradoxa*, *Episcada perasippa maculata*, *Dismenitis hewitsoni diaphana*; Ecuador, Colombia, Brazil]
- 1931a. Neue exotische Falter. *Internationale entomologische Zeitschrift* 24(37/38): 389-393, 6 figs. (8 January) [general; *Papilio hahneli* aberration *subfasciatus*, *Alesa telephae negra*, *Thecla boyi*; Peru, Colombia]
- 1931b. Ueber einige Falter. *Internationale entomologische Zeitschrift* 25(33): 337-338, 1 fig. (1 December) [general; *Papilio phaon* new form *nero*; Colombia, French Guiana, Brazil, Peru]
1939. Ueber einige neue exotische Falter. *Entomologische Rundschau* 56(32): 357-358 (22 August) [*Evonyma (Eunica) mira*: description of male]
- Roegner, Harry R.**  
2003. *Butterfly trails*. Philadelphia, Xlibris Corporation. 208 pp. (9 October) [general; Peru, Costa Rica, Trinidad]  
2005. *Adventures with butterflies*. Philadelphia, Xlibris Corporation. 147 pp. (14 September) [general; Jamaica, Brazil]
- Roelofs, Wendell L.** [1938- ], and **Ring T. Cardé**  
1977. Responses of Lepidoptera to synthetic sex pheromone chemicals and their analogues. *Annual Review of Entomology* 22: 377-405, 1 fig., 3 tabs. (January) [general]
- Roemer, Johann Jacob von** [1763-1819]  
1789. *Genera insectorum Linnaei et Fabricii iconibus illustrata*. Vitoduri, Heinrich Steiner et Socios. viii + 86 + [3] pp., 37 pls. [general]
- Rönkä, Katja H.**  
2018. See Rojas, B. et al., 2018.  
2019. See Briolat, E. S. et al., 2019.
- Rösel von Rosenhof, August Johann** [1705-1759]  
1761. *Der monatlich-herausgegebenen Insecten-Belustigung*. Nürnberg, Christian Friederich Carl Kleemann. 4: [xii] + 48 + 264 + [4] pp., [1] + 40 pls. (post 20 March) [edited by C.F.C. Kleemann; also a Dutch translation was edited by Kleemann, 1782] [Ed. 2, after 1782] [general]  
1979. *Insecten-Belustigung. Mit moderner Artenklassifikation und einem Nachwort vom Wolfgang Dierl*. Dortmund, Harenberg Kommunikation. 187 pp., figs. [general]
- Rössler, Adolf** [1814-1885]  
1879a. Versuch die Grundlage für eine natürliche Reihenfolge der Lepidopteren zu finden. *Jahrbücher des nassauischen Vereins für Naturkunde* 31/32: 220-231. [general]
- 1879b. Ueber Nachahmung bei lebenden Wesen (Organismen), insbes. den Lepidopteren, mit einer Betrachtung über die Abstammungslehre. *Jahrbücher des nassauischen Vereins für Naturkunde* 31/32: 232-244. [general; mimicry]
- Roever, Kilian**  
1962. Notes on *Erora* (Lycaenidae). *Journal of the Lepidopterists' Society* 16(1): 1-4 (30 August) [general; taxonomy; ecology; distribution; Mexico]  
1964. Bionomics of *Agathymus* (Megathymidae). *Journal of Research on the Lepidoptera* 3(2): 103-120, 5 figs. ("June", [22 November]) [eggs, larvae, pupae; parasitoids; behavior; Neotropics]
- Rogenhofer, Alois Friedrich** [1831-1897]  
1875. See Felder, C. et al., 1875.  
1893. Ueber die taschenförmigen Hinterleibsabhänge der weiblichen Schmetterlinge der Acraeiden. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 42(4): 579-581 (late January) [*Actinote* spp.; Central and South America]
- Roger, Bernard-Théodore** [1784-1838]  
1826. [Description de six espèces nouvelles du genre *Papilio*]. *Bulletin d'Histoire naturelle de la Société linnéenne de Bordeaux* 1(1): 35-40 ([30 April]) [reissued in 1830 as Description de plusieurs espèces nouvelles du genre Papillon. *Bulletin d'Histoire naturelle de la Société linnéenne de Bordeaux* 1(Ed. 2): 157-162] [unavailable names; West Indies, Chile, Brazil]
- Rogers, Charlie E.** [1938-1997], **Orville G. Marti, Jr.**, **Alvin M. Simmons** and **Jean-François Silvain**  
1990. Host range of *Noctuidonema guyanense* (Nematoda: Aphelenchoididae): An ectoparasite of moths in French Guiana. *Environmental Entomology* 19(3): 795-798, 2 tabs. (June) [Hesperiidae, Lycaenidae, Nymphalidae]
- Rogers, Charlie E., Alvin M. Simmons and Orville G. Marti, Jr.**  
1991. *Noctuidonema guyanense*: an ectoparasitic nematode of fall armyworm adults in the tropical Americas. *Florida Entomologist* 74(2): 246-257, 2 figs., 6 tabs. (June) [Hesperiidae, Lycaenidae, Nymphalidae; French Guiana]
- Rogers, Henry** [1822?-1905]  
1869. Natural-History notes from Rio. *Zoologist* (2)4: 1923-1925 (November) [general; Brazil]  
1870. Natural history notes from Minas Geraes, &c. *Zoologist* (2)5: 2094-2098 (April) [general; Brazil]
- Rogers, Jane**  
2006. See Joron, M. et al., 2006b.  
2011. See Joron, M. et al., 2011.
- Rogers, Steffen H.**  
1993. See Wells, H. et al., 1993.
- Rogg, Kari A., Orley Robert Taylor, Jr. and David L. Gibo**  
1999. *Mark and recapture during the monarch migration: A preliminary analysis*, pp. 133-138, 5 figs., 1 tab. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Rohwer, Sievert Allen** [1888-1951]  
1908. *Terias mexicana* Bdv. in northern Colorado. *Entomological News* 19(1): 43 ([10] January) [Mexico]
- Roig, Arturo**  
2010. See Torretta, J. P. et al., 2010.



- Roisin, Yves**  
1998. See Schulz, S. et al., 1998.
- Roitberg, Bernard D.** [1953- ], and **Ronald J. Prokopy**  
1987. Insects that mark host plants. *BioScience* 37(6): 400-406, 1 fig., 1 tab. (June) [general; ecology]
- Roitman, Germán G.** [1964- ]  
2002. See Medan, D. et al., 2002.
- Rojas, A. Marta**  
1984. See Chacón, P. & A. M. Rojas, 1984.
- Rojas, Bibiana, Emily R. Steel, Chiara De Pasqual, Swanne Gordon, Linda Hernández, Johanna Mappes, Ossi Nokelainen, Katja H. Rönkä and Carita Lindstedt**  
2018. Multimodal aposematic signals and their emerging role in mate attraction. *Frontiers in Ecology and Evolution* 6(93): 1-23, 10 figs., 1 tab. (3 July) [general]
- Rojas, Edgar**  
2010. See Hanson, P. E. et al., 2010.
- Rojas, Enrique**  
2003. Las clasificaciones Ashaninka de la fauna del piedemonte central: Un caso de diferentes niveles de aproximación. *Bulletin de l'Institut français d'Études andines* 32(1): 185-212 (June) [general; ethnobiology; Peru]
- Rojas, Franklin**  
[1996]. See Rodríguez, J. P. & F. Rojas, 1996.
- Rojas, Fresia Ester, and Ariel Luis Camousseight**  
2010. *Los insectos en la obra de Gay*, pp. ix-lxxviii, figs., tabs. In: Sagredo, R. (Ed.), *Historia física y política de Chile. Zoología VII. Claudio Gay*. Santiago de Chile, Cámara Chilena de la Construcción; Pontificia Universidad Católica de Chile; Dirección de Bibliotecas, Archivos y Museos. lxxviii + 764 pp., figs., tabs. (December) [general; history]
- Rojas, Héctor**  
1995. See Stanley, K. A. B. et al., 1995.  
2017. See Álvarez, C. F. et al., 2017.
- Rojas, Iván E.**  
1986. See Lerma, L. F. et al., 1986.
- Rojas, Julio C.**  
2006. See Santiago, J. A. et al., 2006.  
2008. See Santiago, J. A. et al., 2008.
- Rojas, Macarena**  
1991. See Chiappa, E. & M. Rojas, 1991.
- Rojas, Nicolás** [1873-1947]  
1897. *Catálogo. Historia natural de Corrientes*. Buenos Aires, Imprenta "El Hogar y la Escuela". 212 pp. [general; Argentina]
- Rojas, Nancy**  
2010. See Amat, G. D. et al., 2010.
- Rojas, Sergio**  
1968. Nota sobre *Prospaltella porteri* Mercet (Hym., Aphelinidae) un nuevo parásito de huevos de lepidópteros. *Revista chilena de Entomología* 6: 123-125, 1 fig. (23 December) [*Colias vauthierii* Guérin; Chile]
- Rojas, Susana**  
1993. The importance of alternative sources of income to "ejidatarios" (local residents) for conservation of overwintering areas of the Monarch butterfly. *Science Series. Natural History Museum of Los Angeles County* 38: 389-391 (18 February) [*Danaus plexippus* (Linnaeus); Mexico]
- Rojas, Thamara**  
1998. See Delgado, A. et al., 1998.
- Rojas, Vladimir**  
2004. See Kattan, G. H. et al., 2004.
- Roldán, Alan Gerardo**  
2012. See Ángel, A. L. et al., 2012.
- Rolfs, Peter Henry** [1865-1944]  
1922. The scolding butterfly. *Florida Entomologist* 6(3): 41-42 (December) [*Ageronia feronia* (Linnaeus); Brazil]
- Rolim, Guilherme Gomes**  
2016. See Lima Neto, J. E. et al., 2016.
- Romack, Howard**  
2009. See Scriber, J. M. et al., 2009.
- Roman, Maína, Juliana Garlet and Ervandil Corrêa Costa**  
2010. Levantamento populacional e comportamento de voo de borboletas (Lepidoptera) em um remanescente florestal em São Sepé, RS. *Ciência florestal* (Santa Maria) 20(2): 283-294, 4 figs., 8 tabs. (June) [general; Brazil]
- Roman, Per Abraham** [1872-1943]  
1916. Entomologiska naturförhallanden i brasilianska Amazonomradet. *Entomologisk Tidskrift* 37(2): 131-144, figs. 1-4, (3/4): 196-209, figs. 6-8, 1 map. [*Morpho, Heliconius*]
- Romanowski, Helena Piccoli**  
1998. See Gracioli, G. et al., 1998.  
2004. See Iserhard, C. A. & H. P. Romanowski, 2004.  
2006a. See Marchiori, M. O. de O. & H. P. Romanowski, 2006a.  
2006b. See Marchiori, M. O. de O. & H. P. Romanowski, 2006b.  
2007. See Morais, A. B. B. de et al., 2007.  
2008a. See Paz, A. L. G. et al., 2008.  
2008b. See Grazia, J. et al., 2008.  
2010a. See Kaminski, L. A. et al., 2010a.  
2010b. See Iserhard, C. A. et al., 2010a.  
2010c. See Iserhard, C. A. et al., 2010b.  
2011a. See Pedrotti, V. S. et al., 2011.  
2011b. See Santos, J. P. dos et al., 2011.  
2012. See Bellaver, J. et al., 2012.  
2013. See Paz, A. L. G. et al., 2013.  
2014a. See Siewert, R. R. et al., 2014a.  
2014b. See Siewert, R. R. et al., 2014b.  
2014c. See Marchiori, M. O. de O. et al., 2014.  
2014d. See Paz, A. L. G. et al., 2014.  
2015a. See Mega, N. O. et al., 2015.  
2015b. See Caporale, A. et al., 2015.  
2016. See Scalco, V. W. et al., 2016.  
2017a. See Iserhard, C.A. et al., 2017.  
2017b. See Caporale, A. et al., 2017.  
2018. See Santos, J. P. dos et al., 2018.  
2019a. See Santos, J. P. dos et al., 2019.  
2019b. See Pedrotti, V. S. et al., 2019.
- Romanowski, Helena Piccoli, Rejane Gus and Aldo Mellender de Araújo**  
1986. Studies on the genetics and ecology of *Heliconius erato* (Lepid., Nymph.). III. Population size, preadult mortality, adult resources and polymorphism in natural populations. *Revista brasileira de Biologia* 45(4): 563-569, 2 figs., 3 tabs. ("30 November 1985", 28 February 1986) [Brazil]
- Romanowski, Helena Piccoli, Cristiano Agra Iserhard and Sandra Maria Hartz**  
2009. *Borboletas da floresta com araucária*, pp. 229-240, 4 figs., 1 tab. In: Fonseca, C. R., A. F. Souza, A. M. Leal-Zanchet, T. Dutra, A. Backes & G. Ganado (Eds.), *Floresta com araucária. Ecologia, conservação e desenvolvimento sustentável*. Ribeirão Preto, Holos Editora. [general; Brazil]
- Romé, Daniel**

2014. See Touroult, J. et al., 2014.
- Romé de l'Isle, Jean Baptiste Louis de** [1736-1790]  
1767. *Insectes*, pp. 484-489. In: Dávila, P. F., *Catalogue systématique et raisonné des curiosités de la Nature et de l'Art, qui composent le Cabinet de M. Dávila, avec figures en taille-douce, de plusieurs morceaux qui n'avoient point encore été gravés*. Paris, Briasson. 1: xxxv + [1] + 571 pp., 22 pls. [general]
- Romeiro, Reginaldo da Silva**  
1978. See Zanuncio, J. C. et al., 1978.
- Romera, Luis**  
2004. See Viejo, J. L. et al., 2004.
- Romero, Alejandro Tonatiuh**  
2009. See Viesca, F. C. & A. T. Tomero, 2009.
- Romero, Carlos Amador**  
2012. See Cuevas, M. I. et al., 2012.  
2013. See Cuevas, M. I. et al., 2013.  
2015. See Cuevas, M. I. et al., 2015.
- Romero, Francisco**  
2016. See Hernández-Baz, F. et al., 2016a.
- Romero, Francisco, Pedro Bermúdez and Jorge Manuel González**  
2005. Notes on the life history of *Dynastor darius darius* (Fabricius) (Nymphalidae: Brassolinae) from Venezuela. *Journal of the Lepidopterists' Society* 59(1): 37-39, 1 tab. (8 April) [host plants; behavior]
- Romero, Francisco, and José Alejandro Clavijo**  
2019. Una nueva planta hospedera para *Glutophrissa drusilla* (Cramer, 1777) en Maracay, Aragua, Venezuela (Lepidoptera: Pieridae, Pierinae). *Shilap* 47(186): 374-377, 6 figs., 1 tab. (30 June)
- Romero, Francisco, and Jorge Manuel González**  
2009. Notes on some poorly known pierine butterflies from the Henri Pittier National Park, Aragua, Venezuela (Lepidoptera: Pieridae). *Shilap* 37(145): 101-104 (30 March) [*Cunizza hirlanda* (Stoll), *Hesperocharis crocea* Bates, *Melete lycimnia* (Cramer); behavior]
- Romero, Francisco de Asís** [1920-2002]  
1983. Una interesante aberración de *Prepona praeneste choriensis* Lichy (Lep. Nymphalidae). *Boletín de Entomología venezolana* (N.S.) 2(17): 132, 1 fig. (18 January) [Venezuela]  
1992. See Otero, L. D. & F. de A. Romero, 1992.  
1996. See González, J. M. & F. de A. Romero, 1996.  
1997. *Weinmannia* sp. (Cunionaceae) planta hospedera de *Mesotaenia vaninka volara* Hewitson 1868 y *Mesotaenia vaninka gonalia* Fruhstorfer 1916 (Lepidoptera: Nymphalidae) en Venezuela. *Boletín de Entomología venezolana* (N.S.) 12(2): 155-156 (December)  
2001. See Vilorio, Á. L. et al., 2001.
- Romero, Gustavo Quevedo**  
2006. See Salomão, A. T. et al., 2006.  
2011. See Martins, V. F. et al., 2011.  
2013a. See Lima, V. O. et al., 2013.  
2013b. See Vieira, C. & G. Q. Romero, 2013.
- Romero, Gustavo Quevedo, and João Vasconcellos, Neto**  
2003. Natural history of *Misumenops argenteus* (Thomisidae): Seasonality and diet on *Trichogoniopsis adenantha* (Asteraceae). *Journal of Arachnology* 31(2): 297-304, 3 figs., 1 tab. [Ithomiinae; predator; Brazil]  
2004. Beneficial effects of flower-dwelling predators on their host plant. *Ecology* 85(2): 446-457, 5 figs., 5 tabs. (February) [*Pseudoscada erruca* (Hewitson), *Aeria olena* Weymer, *Episcada carcinia* Schaus; pollination; Brazil]
- Romero, Juan M.**  
2013. See Cuevas, M. I. et al., 2013.
- Romero, Luis Alfredo**  
1988. See Ramos, J. et al., 1988.
- Romero-Lozano, Adriana**  
2019. See Jiménez-Sánchez, E. et al., 2019.
- Romero-Nápoles, Jesús**  
2016. See Hernández-Martínez, M. Y. et al., 2016.
- Romero-Sánchez, Martín Enrique**  
2017. See Pérez-Miranda, R. et al., 2017.
- Romeu, Emma**  
1996. Insectos comestibles: ¿Una dieta para el futuro? *Biodiversitas* (México) 2(5): 6-9, 4 figs. (February) [general; Mexico]  
1997. La monarca: Atrapar el problema al vuelo. *Biodiversitas* (Mexico) 3(12): 8-15, figs. (April) [*Danaus plexippus* (Linnaeus); conservation; Mexico]  
2000. Mariposas mexicanas, los insectos más hermosos. *Biodiversitas* (México) 5(28): 6-10, 5 figs., 1 map (January) [general; conservation]
- Romieux, Jean** [1893-1952]  
1927a. Les papillons de la région forestière aux environs de Barbacena (Brésil). *Bulletin de la Société lépidoptérologique de Genève* 5(4): 148, 151, 155 (April) [general]  
1927b. [A note]. *Bulletin de la Société lépidoptérologique de Genève* 5(4): 151 (April) [*Sarbia spixii* (Plötz); behavior; Brazil]  
1927c. Formes nouvelles ou peu connues de lépidoptères du Brésil. *Bulletin de la Société lépidoptérologique de Genève* 5(4): 257-267, pl. 5 (April) [general; *Dismorphia melite* female aberration *johnstonei*, *Euptychia phineus* variety *phineoides*, *E. viviana*]  
1928. Les papillons de la région forestière aux environs de Barbacena (Brésil) (suite). *Bulletin de la Société lépidoptérologique de Genève* 6(1): 4, 11, 12-13 (July) [general]  
1933. Notes biologiques sur une lycénide et une hespéride du Brésil. *Mitteilungen der schweizerischen entomologischen Gesellschaft* 15(12): 505-514, pl. 2, 1 fig. (15 September) [also in *Bulletin de la Société lépidoptérologique de Genève* 7(2): 71-80, pl. 2, 1 fig.; September] [general; *Hemiargus zachaeina* (Butler & Druce), *Sarbia spixii* (Plötz); host plants; eggs, larvae, pupae, imagines; ecology; behavior]
- Roncero, Vicente** [1959- ]  
2000. See Tormo, J. E. & V. Roncero, 2000.
- Ronchi, Peter S.**  
2004. See Frankie, G. W. et al., 2004.
- Ronchi-Teles, Beatriz, and Mohamed Ezz El-Din Mostafa Habib**  
1990a. Patologia em larvas de *Ascia monuste monuste* infectadas por *Bacillus thuringiensis* var. *kurstaki*. I. Sintomatologia externa e interna. *Acta amazonica* (Manaus) 19: 273-278, 3 figs. (April) [Brazil]  
1990b. Patologia em larvas de *Ascia monuste monuste* infectadas por *Bacillus thuringiensis* var. *kurstaki*. II. Susceptibilidade e virulência. *Acta amazonica* (Manaus) 19: 279-284, 5 tabs. (April) [Brazil]
- Rond, Bernard**  
2018. Découverte d'une forme remarquable de *Dione juno* (Cramer, [1779]) dans la région côtière de l'Équateur (Lep.: Nymphalinae [sic]; Heliconiinae). *Lépidoptères* (Paris) 27(69): 46-47, 3 figs., 1 map (May) [*D. j. new form limousini*]
- Rondón, Amado**

1998. See Delgado, A. et al., 1998.
- Rondón, Silvia I., and Clorinda Vergara**  
2004. Diversidad de artrópodos del suelo en cuatro cultivares de camote *Ipomoea batatas* (L.) Lam. (Convolvulaceae) en el valle de Cafete, Lima, Perú. *Revista peruana de Entomología* 44: 73-80, 4 figs., 3 tabs. ("27 November", [15 December]) [*Lerodea gracia* Dyar]
- Rondou, Joseph Pierre** [1860-1935]  
1925. See Houlbert, C. V. & J. P. Rondou, 1925
- Ronna, Ernesto** [1877-1936]  
1923. Apontamentos de microfauna Rio-Grandense. *Egatéa* (Porto Alegre) 8(4): 253-257 (July-August), (6): 507-513, 6 figs. (November-December) [general; life histories; Brazil]  
1928. *Os insectos do Brasil*. São Paulo, Edições Chácaras e Quintaes. 175 pp., 1 portr. [general; host plants; larvae, pupae, imagines; behavior; parasitoids]  
1933-34a. Catalogo dos insetos até hoje encontrados nas plantas do Rio Grande do Sul. *Egatéa* (Porto Alegre) 18(1/2): 47-53 (January-April 1933), (3): 96-100 (May-June 1933), (4): 197-202 (July-August 1933), (5): 275-278 (September-October 1933), (6): 329-334 (November-December 1933); 19(1/2): 15-20 (January-April 1934), (3): 115-120 (June-July 1934) [general; Brazil]  
1934b. Pragas e moléstias das plantas herbáceas. *Boletim. Escola de Agronomia e Veterinária "Eliseu Maciel"* (Pelotas) 14: 1-18 (1 September) [general; host plants; Brazil]  
1934c. Primeiro ensaio de catalogação dos insetos do Brasil auxiliares na luta contra as pragas. *O Campo* (Rio de Janeiro) 5(7): 33-36, 11 figs. (July), (8): 62-65, 3 figs. (August) [general; parasitoids; predators]  
1934d. Catalogo dos insetos até hoje encontrados nas plantas do Rio Grande do Sul. *Egatéa* (Porto Alegre) 19(5): 277-278 (September-October) [general; Brazil]  
1934e. Primeiro ensaio de catalogação dos insetos do Brasil auxiliares na luta contra as pragas. *O Campo* (Rio de Janeiro) 5(10): 57-59 (October), (11): 65-68 (November) [general; parasitoids; predators]  
1934f. Catalogo dos insetos até hoje encontrados nas plantas do Rio Grande do Sul. *Egatéa* (Porto Alegre) 19(6): 319-329 (November-December) [general; Brazil]
- Ronquist, Fredrik**  
2001. See Nylin, S. et al., 2001.
- Roode, Jacobus C. de**  
2010. See Altizer, S. M. & J. C. de Roode, 2010.  
2011a. See Bartel, R. A. et al., 2011.  
2011b. See Sternberg, E. D. et al., 2011.  
2012. See Lyons, J. I. et al., 2012.  
2014a. See Zhan, S. et al., 2014.  
2014b. See Pierce, A. A. et al., 2014.  
2015a. See Altizer, S. M. et al., 2015.  
2015b. See Altizer, S. M. & J. C. de Roode, 2015.  
2015c. See Pierce, A. A. et al., 2015.  
2016. See Pierce, A. A. et al., 2016.  
2018. See Reppert, S. M. & J. C. de Roode, 2018.
- Roode, Jacobus C. de, and Sonia M. Altizer**  
2010. Host-parasite genetic interactions and virulence transmission relationships in natural populations of monarch butterflies. *Evolution* 64(2): 502-514, 4 figs., 2 tabs. (February; published online 30 September 2009) [*Danaus plexippus* (Linnaeus); Mexico]
- Rooks, Edward**  
1977. Butterflies forever. [*The*] *Trinidad Naturalist Magazine* 1(12): 24-25, figs. (December) [general; Trinidad]
1978. A new record of the large white night. *Living World* 1977-78: 13. [*Euptychia calpurnia* (Felder); Trinidad]
- Roper, James J.**  
2010. See Cardoso, M. Z. et al., 2010.
- Roque, Fabio de Oliveira, Elaine Cristina Corrêa, Francisco Valente-Neto, Greici Stefan, Gabriela Schulz, Paulo Ricardo Barbosa de Souza, Caroline Martins Motta, Leticia Laura de Oliveira Bavutti, Emilio Colzani, Manoel Fernando Demétrio, Suzana Cunha Escarpinati, Rogério Silvestre, Fernando Zagury Vaz-de-Mello, Tadeu Siqueira and José Manuel Ochoa Quintero**  
2017. Idiosyncratic responses of aquatic and terrestrial insects to different levels of environmental integrity in riparian zones in a karst tropical dry forest region. *Asutral Entomology* 56(4): 459-465, 3 figs., 1 tab. (November; published online 3 January) [general; Brazil]
- Roque, Lázaro**  
1994. Primer registro de *Epargyreus zestos* para Cuba (Lepidoptera: Hesperidae [sic]). *Cocuyo* 1: 3-4 (November)  
1998a. The Monarch butterfly in the Galápagos Islands: is it a native or an introduced species? *Noticias de Galápagos* 59: 9-11, 2 figs. (April) [*Danaus plexippus* (Linnaeus); Ecuador]  
1998b. New hostplant record for the Monarch butterfly (*Danaus plexippus*) from the Galapagos Islands, Ecuador (Lepidoptera: Nymphalidae: Danainae). *Lepidoptera News* 1998(2): 10 ("30 June" [24 August])  
2001. Mariposas (Lepidoptera: Papilionoidea-Hesperioidea) de Pinar del Río. *Cocuyo* 10: 14-16 (January) [general; Cuba]  
2004. The butterflies (Papilionoidea, Hesperioidea) of the Galápagos islands, Ecuador: Distribution, hostplants and biology. *Journal of the Lepidopterists' Society* 58(1): 33-43, 16 figs. (22 April) [general]  
2006. See Causton, C. E. et al., 2006.
- Roque, Lázaro, Valentina Cruz and Gerardo Lamas**  
1997. *Hemiargus ramon* (Dognin, 1887) (Lycaenidae: Polyommatainae) a new resident butterfly of the Galápagos Islands. *Noticias de Galápagos* 58: 29, 1 fig. (May) [host plants; Ecuador, Peru]
- Roque, Lázaro, Luis Roberto Hernández and David Spencer Smith**  
1995. Rediscovery of *Chioides marmorosa* in Cuba (Lepidoptera: Hesperidae). *Tropical Lepidoptera* 6(2): 99-102, 4 figs. ([5] December) [behavior]
- Roque, Manilla Gomes, Ângela Tavares Leitão, Antônio Alisson Fernandes Simplicio and José Thales Pantaleão Ferreira**  
2014. Diversidade de borboletas na zona rural e urbana do Cariri cearense. *Agrarian Academy* (Goiânia) 1(1): 275-284, 1 tab. (12 April) [general; Brazil]
- Roratto, Paula Angélica**  
2012. See Massardo, D. et al., 2012.
- Rosa, Augusto Henrique Batista**  
2015. See Freitas, A. V. L. et al., 2015a.  
2018a. See Santos, J. P. dos et al., 2018.  
2018b. See Freitas, A. V. L. et al., 2018c  
2019. See Shirai, L. T. et al., 2019a.
- Rosa, Augusto Henrique Batista, Marcos Cesar Campis, Danilo Bandini Ribeiro and André Victor Lucci Freitas**  
2017. New record of the threatened butterfly *Drephalys mourei* (Hesperidae) in a heavily disturbed area in

- Southeastern Brazil. *Journal of the Lepidopterists' Society* 71(4): 278-280, 1 fig. (November)
- Rosa, Augusto Henrique Batista, Patrícia Avelino Machado, Karina Lucas Silva-Brandão, Marcos Magalhães de Souza, Patrícia Pereira Gomes, Mariane Peczek Martins and André Victor Lucci Freitas**
- 2019b. New geographical records for the critically endangered butterfly *Parides panthonus castilhoi* (Papilionidae: Troidini). *Journal of the Lepidopterists' Society* 73(4): 279-281, 3 figs. (20 November) [Brazil]
- Rosa, Augusto Henrique Batista, Lucas Neves Perillo, Frederico de Siqueira Neves, Danilo Bandini Ribeiro and André Victor Lucci Freitas**
- 2019a. Butterflies collected using Malaise traps as useful bycatches for ecology and conservation. *Journal of threatened Taxa* 11(9): 14235-14237, 2 figs. (26 July) [*Strymon ohausi* (Spitz), *Ypthimoides cipoensis* Freitas, *Aricoris*; Brazil]
- Rosa, Carlos Luis de la**
2014. Additional observations of lacryphagous butterflies and bees. *Frontiers in Ecology and the Environment* 12(4): 210, 1 fig. (May) [*Dryas iulia* (Fabricius); behavior; Costa Rica]
- Rosa, Mário**
1926. Lepidópteros do norte do Brasil. *Boletim do Museu nacional do Rio de Janeiro* 2(4): 23-24 (15 October) [general; new form: *Agrias narcissus* form *clelandiae*]
1934. *Papilio pausanias* (Nova forma). *Boletim do Museu nacional do Rio de Janeiro* 10: 105-107, 2 figs. (December) [*P. p.* form *celulata*; Brazil]
1936. Lepidópteros de S. João da Barra. *Boletim do Museu nacional do Rio de Janeiro* 12(2): 81-82 (June) [general; Brazil]
1938. See May, E. G. L. & M. Rosa, 1938.
- Rosa, Pamela Laiz Paré da, Enrique Querol Chiva and Cristiano Agra Iserhard**
2011. Borboletas (Lepidoptera: Papilionoidea e Hesperioidea) do Sudoeste do Pampa Brasileiro, Uruguaiana, Rio Grande do Sul, Brasil. *Biota neotropica* 11(1): 355-360, 2 tabs. (March; published online 1 January) [general]
- Rosa, Yara Brito Chaim Jardim**
2009. See Rech, A. R. et al., 2009.
- Rosa Júnior, Edgard Jardim**
2009. See Rech, A. R. et al., 2009.
- Rosabal, Marbelia**
1984. See Fontenla, J. L. et al., 1984.
- Rosado, Jander Fagundes**
2010. See Picanço, M. C. et al., 2010.
- Rosales, Carlos Julio [1929- ]**
1956. See Fernández, F. J. & C. J. Rosales, 1956.
1957. See Fernández, F. J. et al., 1957.
1973. See Fernández, F. J. et al., 1973.
- Rosales, Claudia**
2012. See Arias, C. F. et al., 2012.
2014. See Arias, C. F. et al., 2014.
- Rosales, Enrique**
2015. See Rodríguez, L. Á. & E. Rosales, 2015.
- Rosales, L.**
2007. See Escalante, M. & L. Rosales, 2007.
- Rosales-Esquinca, María de los Ángeles**
2009. See Aguilar-Astudillo, E. et al., 2009.
2010. See Quiroga, R. R. et al., 2010.
2019. See Morales-Morales, C. J. et al., 2019.
- Rosalino, Pedro**
2007. See Sausen, C. D. et al., 2007.
- Rosant, Thibault**
2019. See Brévignon, C. et al., 2019.
- Rosas, Anaíd**
2016. See Rivera, L. et al., 2016.
- Rosas, Patricia**
2010. See Escalante, P. et al., 2010.
- Rosas-Echeverría, María Ventura, Carlos Alfredo Coyote-Ávila, Karla María Aguilar-Dorantes and Concepción Martínez-Peralta**
2019. Diversity of butterflies (Lepidoptera) in Sierra de Huautla, Morelos, Mexico: A conservation approach. *Annals of the entomological Society of America* 112(4): 409-417, 5 figs., 4 tabs. (July; published online 9 May) [general]
- Rose, Louis**
1991. Les plus grands et les plus petits papillons du monde. *Revue verviétoise d'Histoire naturelle* 1991: 98-103. [general]
- Rose, Tim R.**
2016. See Labandeira, C. C. et al., 2016.
- Rosenberg, Gary**
1996. D. L. G. Karsten (1789), Museum Leskeanum, vol. 1 (Regnum Animale): proposed suppression for nomenclatural purposes. *Bulletin of zoological Nomenclature* 53(1): 38-42 (29 March) [general]
- Rosenberg, William Frederick Henry [1868-1957]**
1909. The liability of butterflies to attack by birds and lizards. *Proceedings of the entomological Society of London* 1909(4): lix-lxii (31 December) [general; Colombia, Ecuador]
1912. See Lathy, P. I. & W. F. H. Rosenberg, 1912.
1915. See Joicey, J. J. & W. F. H. Rosenberg, 1915.
- 1923a. *Colaenis telesiphe*. *Proceedings of the entomological Society of London* 1922(5): xxiii (5 May) [general; Ecuador, Peru, Bolivia]
- 1923b. [A note]. *Proceedings of the South London entomological & natural History Society* 1922-23: 132. [*Papilio euterpinus* Salvin & Godman, *Pereute beryllina* Fruhstorfer; Ecuador]
- Rosenberg, William Frederick Henry, and George Talbot**
1914. New South American butterflies. *Transactions of the entomological Society of London* 1913(4): 671-682 (31 March) [*Dismorphia orise denigrata*, *Aprotopos ceto cetooides*, *Melinaea orestes* form *clara*, *Napeogenes seminigra*, *Leucothyris polymacula*, *Boloria tessellata*, *Pyrameis huntera altissima*, *Eresia neptoides*, *E. letitia nigra*, *Callitaera mimica*, *Pierella albofasciata*, *Antirrhaea watkinsi*, *Lymanopoda umbratilis*, *L. u.* form *intermedia*, *L. u.* form *leucotecta*, *L. caudalis*; Peru, Bolivia, Ecuador, Colombia]
- Rosenberry, L.**
1983. See Feeny, P. et al., 1983.
- Rosenblum, Erica Bree**
2012. See Kronforst, M. R. et al., 2012.
- Rosenfeld, Arthur Hinton [1866-1942]**
1916. Notas entomológicas. *Revista industrial y agrícola de Tucumán* 6(9): 409-410 (February), (10): 454-455 (March), (11): 500-501 (April), (12): 531 (May) [general; life histories; Argentina]
- Roslin, Tomas**
2008. See Lewinsohn, T. M. & T. Roslin, 2008.
- Ross, Edward Shearman [1915-2016]**
1942. See Michelbacher, A. E. & E. S. Ross, 1942.
1996. How to become a butterfly shutterbug. *American Butterflies* 4(2): 28-31, figs. [general; Ecuador, Brazil,

- Mexico]
1999. I like caterpillars. *Wings* 22(2): 3-6, 4 figs. [*Calpodex*; larva; Peru]
- Ross, Fraser**  
2015. See Whitworth, A. et al., 2015.
- Ross, Gary Noel**
- 1964a. An annotated list of butterflies collected in British Honduras in 1961. *Journal of the Lepidopterists' Society* 18(1): 11-26, 1 fig. (13 May) [general; ecology; behavior]
- [1964]b. Evidence for lack of territoriality in two species of *Hamadryas* (Nymphalidae). *Journal of Research on the Lepidoptera* 2(4): 241-246 ("December 1963", [9 May 1964]) [general; behavior; Mexico]
- 1964c. Life history studies on Mexican butterflies. I. Notes on the early stages of four papilionids from Catemaco, Veracruz. *Journal of Research on the Lepidoptera* 3(1): 9-17, 5 figs. ("March", [9 May]) [eggs, larvae, pupae, imagines; ecology; distribution]
- 1964d. Life history studies on Mexican butterflies. II. Early stages of *Anatole rossi* a new myrmecophilous metalmark. *Journal of Research on the Lepidoptera* 3(2): 81-94, 7 figs., 1 tab. ("June", [22 November]) [egg, larva, pupa; morphology]
- [1965]. Life history studies on Mexican butterflies. III. Nine Rhopalocera (Papilionidae, Nymphalidae, Lycaenidae) from Ocotol Chico, Veracruz. *Journal of Research on the Lepidoptera* 3(4): 207-229, 9 figs. ("December 1964", [12 August 1965]) [eggs, larvae, pupae, imagines; ecology; distribution]
1966. Life history studies on Mexican butterflies. IV. The ecology and ethology of *Anatole rossi*, a myrmecophilous metalmark (Lepidoptera: Riodinidae). *Annals of the entomological Society of America* 59(5): 985-1004, 23 figs. (15 September) [egg, larva, pupa, imago; host plant; morphology; distribution]
1967. See Monroe, R. S. et al., 1967.
- 1976-77. An ecological study of the butterflies of the Sierra de Tuxtla in Veracruz, Mexico. *Journal of Research on the Lepidoptera* 14(2): 103-124, pls. [1] + 1-4, fig. 1 ("May", [before 26 July]), (3): 169-188, pls. 5-13, fig. 2, tab. 1 ("September 1975", [before 7 September 1976]), (2): 15(1): 41-60 ("March 1976", [November 1976]), (2): 109-128 ("June 1976", [before 18 January 1977]), (3): 185-200 ("September 1976", [before 22 April 1977]), (4): 225-240 ("December 1976", [before 22 April 1977]), 16(2): 87-130 ("June 1977", [before 11 November] 1977) [general; population dynamics]
1985. The case of the vanishing caterpillar. *Natural History* (New York) 94(11): 48-55, figs. (November) [*Anatole rossi* Clench; life history; ecology; Mexico]
1993. Butterfly round trips. *Natural History* (New York) 102(9): 3, 1 fig. (September) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 1995a. One butterfly's poison is another's feast: Ithomiines on droppings (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 6(1)(1): 10, 4 figs. (25 May) [Brazil]
- 1995b. A butterfly lek: Ithomiine hairpencils (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 6(1)(1): 14, 3 figs. (25 May) [Brazil]
- 1995c. Pollen gathering: Heliconiines collecting pollen (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 6(1)(1): 52, 2 figs. (25 May) [Brazil]
- 1995d. A butterfly roundtable: Ithomiines on fruit (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 6(2): 94, 4 figs. ([5] December) [general; Brazil]
- 1995e. A pollen basket: *Lycorea* as pollinator (Lepidoptera: Nymphalidae: Danainae). *Tropical Lepidoptera* 6(2): 98, 2 figs. ([5] December) [*L. cleobaea atergatis* Doubleday; Brazil]
- 1995f. A webless charlotte: Ithomiines in webs (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 6(2): 158, 1 fig. ([5] December) [predator; Brazil]
1996. Butterfly houses: Magic gardens of the 1990's. *American Butterflies* 4(3): 14-21, figs. [general]
- 1997a. *Lemonias rossi*, pp. 323-328, figs. 4.23-4.27. In: González, E., R. Dirzo & R. C. Vogt (Eds.), *Historia Natural de Los Tuxtlas*. México, Universidad Nacional Autónoma de México (January) [life history; host plant; ecology; behavior; Mexico]
- 1997b. Goddesses fly again: Butterfly images in Mexican myth and textiles. *American Butterflies* 5(4): 14-18, 7 figs. [general]
- 1998a. Butterfly carnivals. *Wildlife Conservation* 101(3): 48-55, figs. (May) [general; Brazil]
- 1998b. Monarchs offshore in the Gulf of Mexico. *Holarctic Lepidoptera* 5(2): 52, 4 figs. ("15" [23] December) [migration]
1999. Sleepers. *American Butterflies* 7(2): 26-27, 4 figs. [*Danaus plexippus* (Linnaeus); behavior; Mexico]
- 2001a. The Monarch: What's in a name? *News of the Lepidopterists' Society* 43(1): 20-21, 31 (15 March) [*Danaus plexippus* (Linnaeus)]
- 2001b. Clearwing leks induce jungle fever. *American Butterflies* 9(4): 28-31, 4 figs. [Ithomiinae; behavior; Mexico]
- 2001c. The Monarch butterfly. *Louisiana Wildlife Federation* 29(4): 13-40, figs. (November-December) [*Danaus plexippus* (Linnaeus); life history; behavior; ecology; conservation; Mexico]
2002. Comments on "wood eating" by Juno Silverspot, *Dione juno huascama* [sic]. *News of the Lepidopterists' Society* 44(1): 15, 18 (15 April) [general]
- 2003a. Butterfly graveyards? I think not! *News of the Lepidopterists' Society* 45(2): 44-46, 5 figs. (15 July) [general]
- 2003b. What's for dinner? A new look at the role of phytochemicals in butterfly diets. *News of the Lepidopterists' Society* 45(3): 83-89, 100, 7 figs., 1 tab. (1 October) [general; host plants; behavior]
2005. Finding dreamland. *Wildlife Conservation* 108(3): 28-31, figs. ("May-June"; [before 27 April]) [general]
- 2009a. Lost in Costa Rica. *Southern Lepidopterists' News* 31(2): 44-48, figs. (30 June) [general]
- 2009b. White Morphos, shotguns, and "evil women". *News of the Lepidopterists' Society* 51(2): 67, 70-71 (10 September) [*Morpho polyphemus* Westwood; behavior; Mexico]
- 2009c. An adventure in the Amazon and Mother's final blessing. *News of the Lepidopterists' Society* 51(4): 140-145, 148, 15 figs. (5 December) [general; Brazil]
- 2010a. Caterpillars, ants, and Popoluca [sic] indians. An adventure in remote Mexico. *News of the Lepidopterists' Society* 52(1): 34-41, 44, 18 figs. (15 April) [general]
- 2010b. Living with the Popoluca. Another adventure in remote Mexico. *News of the Lepidopterists' Society* 52(4): 118-127, figs. (8 December) [general; behavior]
- 2011a. The lodge at Pico Bonito, Honduras: An up and coming destination for modern eco-travelers of all ages. *News of the Lepidopterists' Society* 53(2): 62-67, 10 figs. (26 September) [general]
- 2011b. Pico Bonito, Honduras: A photo – essay. *Southern Lepidopterists' News* 33(3): 109-119, 63 figs. [general]

2012. Threads of tradition: the butterfly motif in Mexico's Zapotec tapestries. *News of the Lepidopterists' Society* 54(3): 98-103, figs. (1 September) [general; ethnoentomology]
2016. Titian Ramsey Peale. 2015. *The Butterflies of North America: Titian Peale's lost manuscript*. *News of the Lepidopterists' Society* 58(2): 85-86, 1 fig. (29 April) [general; book review]
2019. Tom Emmel remembered. *News of the Lepidopterists' Society* 61(1): 30-33, figs. (8 February) [general]
- Rossato, Dirleane Ottonelli, Danessa Boligon, Rodrigo Fornel, Marcus R. Kronforst, Gislene Lopes Gonçalves and Gilson Rudinei Pires Moreira**
- 2018a. Subtle variation in size and shape of the whole forewing and the red band among co-mimics revealed by geometric morphometric analysis in *Heliconius* butterflies. *Ecology and Evolution* 8(6): 1-16, 10 figs., 6 tabs. (March; published online 19 February) [general; Brazil]
- Rossato, Dirleane Ottonelli, Lucas Augusto Kaminski, Cristiano Agra Iserhard and Leandro da Silva Duarte**
- 2018b. More than colours: An eco-evolutionary framework for wing shape diversity in butterflies. *Advances in Insect Physiology* 54: 55-84, 2 figs. (15 May) [general]
- Rosser, Neil**
2012. See Dasmahapatra, K. K. et al., 2012.
2015. See Merrill, R. M. et al., 2015.
- 2016a. See Arias, M. M. et al., 2016a.
- 2016b. See Arias, M. M. et al., 2016c.
2017. See Mann, F. et al., 2017.
2019. See Freitas, A. V. L. et al., 2019c.
- Rosser, Neil, Kanchon Kumar Dasmahapatra and James Louis Borlase Mallet**
2014. Stable *Heliconius* butterfly hybrid zones are correlated with a local rainfall peak at the edge of the Amazon basin. *Evolution* 68(12): 3470-3484, 3 figs., 4 tabs. (December; published online 24 November) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus); Peru]
- Rosser, Neil, André Victor Lucci Freitas, Blanca Cecilia Huertas, Mathieu Joron, Gerardo Lamas, Claire Mérot, Fraser Simpson, Keith Richard Willmott, James Louis Borlase Mallet and Kanchon Kumar Dasmahapatra**
- 2019a. Cryptic speciation associated with geographic and ecological divergence in two Amazonian *Heliconius* butterflies. *Zoological Journal of the Linnean Society* 186(1): 233-249, 7 figs. (May; published online 4 August 2018) [new subspecies: *H. demeter joroni*; host plants; South America]
- Rosser, Neil, Krzysztof M. Kozak, Albert B. Phillimore and James Louis Borlase Mallet**
2015. Extensive range overlap between heliconiine sister species: evidence for sympatric speciation in butterflies? *BMC evolutionary Biology* 15(125): 1-13, 6 figs., 2 tabs. (30 June) [general; Central and South America]
- Rosser, Neil, and Ronald Mori**
2017. Color pattern divergence in *Napeocles jucunda* Hübner, 1808 (Nymphalidae) is accompanied by shifts in host plant and habitat use. *Tropical Lepidoptera Research* 27(2): 106-110, 2 figs., 1 tab. (19 December) [egg, larva, pupa; Peru]
- Rosser, Neil, Albert B. Phillimore, Blanca Cecilia Huertas, Keith Richard Willmott and James Louis Borlase Mallet**
2012. Testing historical explanations for gradients in species richness in heliconiine butterflies of tropical America. *Biological Journal of the Linnean Society* 105(3): 479-497, 7 figs., 1 tab. (March; published online 11 January) [general; Neotropics]
- Rosser, Neil, Lucie M. Queste, Bruna Cama, Nathaniel B. Edelman, Florian Mann, Ronald Mori, Jake Morris, Carolina Segami, Patricia Velado, Stefan Schulz, James Louis Borlase Mallet and Kanchon Kumar Dasmahapatra**
- 2019b. Geographic contrasts between pre- and postzygotic barriers are consistent with reinforcement in *Heliconius* butterflies. *Evolution* 73(9): 1821-1838, 6 figs., 6 tabs. (September; published online 23 July) [*H. elevatus* Nöldner, *H. pardalinus butleri* Brown, *H. p. sergestus* Weymer; Peru]
- Rossetto, Carlos Jorge, Reginaldo Dantas Cavalcante, C. Crisi Jr. and A. M. Carvalho**
1974. Insetos do maracujazeiro. *Circular técnica. Instituto agrônômico* (Campinas) 39: 1-12, 1 fig. (October) [Heliconiinae; host plants; Brazil]
- Rossi, Fabricio**
2007. See Guirado, N. et al., 2007.
- Rossi, Gustav de** [1838-1903]
1896. Mitteilungen über Mimikry, Schutzfärbung. *Entomologisches Jahrbuch* 6: 128-136 [*Caligo eurylochus* [sic] (Cramer)]
- Rossi, Néilda H.**
1957. See Orfila, R. N. & N. H. Rossi, 1957.
- Rota, Jadranka**
2011. See Nieukerken, E. J. van et al., 2011.
2014. See Wahlberg, N. et al., 2014.
2015. See Edger, P. P. et al., 2015.
- Rota, Jadranka, Tobias Malm, Nicolas Chazot, Carlos Peña and Niklas Wahlberg**
2018. A simple method for data partitioning based on relative evolutionary rates. *PeerJ* 6(e5498): 1-21, 4 figs., 5 tabs. (published online 28 August) [general]
- Rotberg, Abrahão** [1912-2006]
1971. *Lepidopterism in Brazil*, pp. 157-168, 5 figs. In: Bücherl, W. & E. B. Buckley (Eds.), *Venomous animals and their venoms*. New York, Academic Press. 3. [*Morpho* spp.]
- Rotger, Bernard** [1904-1986], **Tarsicio Escalante and Luz Coronado**
1965. Una especie y una subespecie nuevas de *Anaea* Hübner (Lepid., Nymphal.). *Ciencia* (México) 24(3/4): 141-144, 1 pl., 2 figs. (25 August) [*A. (Memphis) neidhoeferi*, *A. (M.) euryppyle glanzi*; Mexico]
- Roth, Wilhelm**
1910. Schmetterlings-Originale aus der Koll. Gerning. *Jahrbücher des nassauischen Vereins für Naturkunde* 63: 131-137 (after October) [on some of E. J. C. Esper's types]
- Rothschild, Hannah**
2009. The butterfly effect. *Antenna* 33(2): 87-90, figs. [general; history]
- Rothschild, Jules** [1838-1900]
1877. *Les papillons. Organisation - moeurs - chasse - collections - classifications*, pp. 1-206, pl. 1, 240 figs. In: *Musée entomologique illustré. Histoire naturelle iconographique des insectes publiée par une réunion d'entomologistes français et étrangers*. Paris, Jules Rothschild. 2. [Ed. 2; for the first ed. see Dudevant, M., 1867] [general; Neotropics]
- Rothschild, Lionel Walter** (Lord) [1868-1937]

1894. On a new genus and species of butterfly. *Novitates zoologicae* 1(5): 687 (15 December) [*Anaeomorpha splendida*; Peru]
1896. Descriptions of some new species of Lepidoptera, with remarks on some previously described forms. *Novitates zoologicae* 3(4): 600-603, pls. 13-15 (29 December) [general; remarks on *Anaeomorpha splendida* Rothschild; Peru]
1897. On some new butterflies and moths. *Novitates zoologicae* 4(3): 507-513 (3 December) [general; *Anaea miranda*; Colombia]
1903. Some new butterflies and moths. *Novitates zoologicae* 10(2): 309-312 (25 August) [general; *Hypanartia splendida*; Peru]
1905. *Papilio steinbachi*, spec. nov. *Entomologist* 38(504): 125 (May) [Bolivia]
1913. Descriptions of two new *Colias* and some African Syntomidae. *Novitates zoologicae* 20(1): 187-188 (24 February) [*C. mossi*, *C. euxanthe alticola* female aberration *virescens*; Peru]
1916. Notes on Amathusiidae, Brassolidae, Morphidae, etc., with descriptions of new forms. *Novitates zoologicae* 23(3): 299-318, pls. 3-6 (1 December) [general; *Opsiphanes aorsa colombiana*, *O. syme colombicola*, *O. tamarindi latifascia*, *O. bogotanus peruanus*, *O. flemmingi*, *O. berecynthia buenavistae*, *O. josephus excisus*, *Caligo arisbe fulgens*, *Brassolis astyra rufescens*, *B. isthmia boliviana*, *Morpho sulkowskyi ockendeni*, *M. aurora interposita*, *M. cypris schausi*; Neotropics]
1917. Note on *Morpho eugenia*, Deyr. *Proceedings of the entomological Society of London* 1917(1): xxviii (24 November) [classification]
1918. Catalogue of Zerynthiinae and allied genera in the Tring Museum, with critical notes. *Novitates Zoologicae* 25(1): 64-75 (1 May) [general; Paraguay, Argentina, Uruguay, Brazil, Mexico]
1923. On some aspects of variation in Lepidoptera. *Proceedings of the entomological Society of London* 1922(5): cxxii-cxxxix (5 May) [general]
1932. On *Opsiphanes orgetorix orgetorix* Hew. and *O. orgetorix magnalis* (Stich.). *Annals and Magazine of natural History* (10)10(56): 200 (1 August) [new names: *O. hewitsoni*, *O. h. sticheli*; Nicaragua, Ecuador]
- Rothschild, Lionel Walter (Lord), and Heinrich Ernst Karl Jordan**
- 1903a. Some new or unfigured Lepidoptera. *Novitates zoologicae* 10(3): 481-487, pls. 11-12 (20 December) [*Hypanartia splendida* Rothschild; Peru]
- 1903b. Lepidoptera collected by Oscar Neumann in North-East Africa. *Novitates zoologicae* 10(3): 491-542 (20 December) [*Hypanartia*; morphology; taxonomy]
1906. A revision of the American Papilios. *Novitates zoologicae* 13(3): 411-752, pls. 4-9, 4 figs. (30 August) [general; new taxa: *P. aeneas linus*, *P. a. damis*, *P. a. locris*, *P. erlases xanthias*, *P. vertumnus yuracares*, *P. lycimenes erythrus*, *P. l. paralius*, *P. polyzelus trichopus*, *P. iphidamas phalias*, *P. i. elatos*, *P. i. calogyna*, *P. i. teneates*, *P. anchises etias*, *P. a. foetterlei*, *P. neophilus consus*, *P. n. ecbolius*, *P. n. parianus*, *P. arcas antheas*, *P. timias potone*, *P. polydamas vincentius*, *P. p. lucianus*, *P. p. dominicus*, *P. p. lucayus*, *P. p. jamaicensis*, *P. p. thyamus*, *P. p. antiquus*, *P. madyes crispus*, *P. m. tucumanus*, *P. polystictus janira*, *P. belus chalceus*, *P. laodamas rhipidius*, *P. polyxenes stabilis*, *P. thoas melonius*, *P. t. autocles*, *P. t. nealces*, *P. t. brasiliensis*, *P. homothoas*, *P. andraemon tailori*, *P. lycophron phanias*, *P. glaucus canadensis*, *P. alexiaries garcia*, *P. palamedes leontis*, *P. isidorus chironis*, *P. i. brises*, *P. rhodostictus pacificus*, *P. r. nymphius*, *P. himeros baia*, *P. torquatus leptalea*, *P. ascolius daguanus*, *P. bachus chrysomelus*, *P. birchalli godmani*, *P. victorinus morelius*, *P. aristeus ctesiades*, *P. a. dysmias*, *P. a. vilcanotus*, *P. a. coelebs*, *P. garamas baroni*, *P. warscewicz mercedes*, *P. cacicus inca*, *P. pausanias prasinus*, *P. euryleon pithonius*, *P. e. haenschii*, *P. e. anatumus*, *P. harmodius halex*, *P. h. imaus*, *P. trapeza*, *P. ariarathes menes*, *P. a. metagenes*, *P. a. leuctra*, *P. lysithous* form *platydesma*, *P. marcellus* form *aest. lecontei*, *P. oberthueri*, *P. epidaus tepicus*, *P. agesilaus fortis*, *P. a. eimeri*, *P. glaucolaus melaenus*, *P. g. leucas*, *P. molops*, *P. m. hetaerius*, *P. m. megalurus*, *P. protesilaus leucones*, *P. p. dariensis*, *P. helios*, *P. stenodesmus*, *P. earis*, *P. telesilaus dolius*, *P. thyastes zoros*, *P. lacandones diores*, *P. calliste olbius*, *P. leucasps lamis*, *P. serville acritus*, *P. orabilis isocharis*, *P. callias* (new name), *P. dolicaon hebrus*, *P. d. tromes*; Neotropics]
- Rothschild, Miriam Louisa [1908-2005]**
1967. Mimicry. The deceptive way of life. *Natural History* (New York) 76(2): 44-51, figs. (February) [general]
1972. *Secondary plant substances and warning colouration in insects*, pp. 59-83, 3 tabs. In: Van Emden, H. F. (Ed.), *Insect/Plant relationships*. Oxford, Blackwell Scientific Publications. [*Danaus plexippus* (Linnaeus); host plants; biochemistry; Trinidad]
1974. See Marsh, N. A. & M. L. Rothschild, 1974.
1975. *Remarks on carotenoids in the evolution of signals*, pp. 20-50, pl. 1, 5 tabs. In Gilbert, L. E. and P. H. Raven (Eds.), *Coevolution of animals and plants*. Austin and London, The University of Texas Press. [general; behavior; biochemistry]
1978. See Dixon, C. A. et al., 1978.
1979. Mimicry, butterflies and plants. *Symbolae botanicae upsaliensis* 22(4): 82-99, 1 pl. [general]
1980. See Clarke, C. A. & M. L. Rothschild, 1980.
1981. See Allyn, A. C., Jr. et al., 1981.
1983. See Malcolm, S. B. & M. L. Rothschild, 1983.
1984. Aide mémoire mimicry. *Ecological Entomology* 9(3): 311-319, 12 figs. (August) [Heliconiinae]
1990. See Moore, B. P. et al., 1990.
1991. *Butterfly cooing like a dove*. New York, Doubleday. xvi + 215 pp., figs. [general]
- Rothschild, Miriam Louisa, and John Alexander Edgar**
1978. Pyrrolizidine alkaloids from *Senecio vulgaris* sequestered and stored by *Danaus plexippus*. *Journal of Zoology* 186: 347-349. [Trinidad]
- Rothschild, Miriam Louisa, and Clive Patrick Farrell**
1983. *The butterfly gardener*. London, Michael Joseph. 128 pp., 8 pls., figs. [general; captive breeding techniques]
- Rothschild, Miriam Louisa, Brian O. C. Gardiner and Rosemary Mummery**
1978. The role of carotenoids in the "golden glance" of danaid pupae (Insects: Lepidoptera). *Journal of Zoology* 186: 351-358, 2 pls., 1 tab. [*Danaus plexippus* (Linnaeus); Trinidad]
- Rothschild, Miriam Louisa, and Neville A. Marsh**
1978. Some peculiar aspects of danaid/plant relationships. *Entomologia experimentalis et applicata* 24(3): 637-650, 2 figs., 1 tab. (December) [*Danaus plexippus* (Linnaeus); Trinidad, Argentina]
- Rothschild, Miriam Louisa, Barry P. Moore and W. Vance**

- Brown**  
 [1985]. Pyrazines as warning odour components in the Monarch butterfly, *Danaus plexippus*, and in moths of the genera *Zygaena* and *Amata* (Lepidoptera). *Biological Journal of the Linnean Society* 23(4): 375-380, 1 tab. ("December 1984", [31 January 1985]) [*D. p. megalippe* (Hübner); Trinidad]
- Rothschild, Miriam Louisa, Rosemary Mummery and Clive Patrick Farrell**  
 1986. Carotenoids of butterfly models and their mimics (Lep: Papilionidae and Nymphalidae). *Biological Journal of the Linnean Society* 28(4): 359-372, 6 tabs. ([29 August] (*Danaus plexippus* (Linnaeus); Trinidad)]
- Rothschild, Miriam Louisa, Robert J. Nash and E. Arthur Bell**  
 1986. Cycasin in the endangered butterfly *Eumaeus atala florida*. *Phytochemistry* 25(8): 1853-1854, 1 fig., 3 tabs. (August) [*E. minyas* (Hübner); Costa Rica]
- Rougerie, Rodolphe**  
 2009. See Janzen, D. H. et al., 2009.  
 2012. See Smith, M. A. et al., 2012.
- Roulin, Alexandre**  
 2017. See Cuthill, I. C. et al., 2017.
- Roulston, T'ai, and James H. Cane**  
 2000. Pollen nutritional content and digestibility for animals. *Plant Systematics and Evolution* 222: 187-209, 1 fig., 2 tabs. [*Heliconius*]
- Rousseau, Guillaume X.**  
 2018. See Celentano, D. et al., 2018.
- Rousseau-Decelle, Georges** [1878-1965]  
 1933a. Quelques formes nouvelles et aberrantes des genres *Papilio* et *Charaxes* (Lep.). *Bulletin de la Société entomologique de France* 37(20): 301-307 (4 February) [*P. cleotas lemoulti*, *P. c. l.* individual female form *horizonicus*, *P. c. l.* individual female form *luteovirens*, *P. oxynius* individual female form *niveomarginatus*; Venezuela, Cuba]  
 1933b. Note sur quelques formes nouvelles des genres *Papilio* et *Charaxes* (Lep.). *Bulletin de la Société entomologique de France* 38(17): 269-273 (10 December) [*P. oxynius* female form *ochracea*, *P. pausanias pausanias* individual male form *eburneomaculatus*; Cuba, Peru]  
 1935. Note sur quelques formes nouvelles de *Morpho* (Lep. Morphidae). *Bulletin de la Société entomologique de France* 40(15): 219-226 (20 November) [*M. hercules* male individual form *violina*, *M. perseus caius*, *M. caius* form *tiberius*, *M. hecuba obidonus* male individual form *minima*, *M. peleides faustina*, *M. portis thamyris* male individual form *aegoides*, *M. p. t.* male individual form *claro*, *M. p. t.* male individual form *argentatus*, *M. eugenia* male individual form *parthenopa*, *M. e.* male individual form *rosea*, *M. aega* female individual form *saphirilineata*, *M. cypris* male individual form *cellamaculosa*, *M. menalaus* male individual form *purpureotinctus*, *M. menalaus* male individual form *chlorophorus*, *M. godarti* male individual form *lactescens*, *M. didius* male individual form *bipunctata*, *M. d.* male individual form *subrufa*; Panama, South America]  
 1936. Des variations parallèles chez les Morphos des espèces *hecuba* et *perseus* (Lepidopt. Morphidae), pp. 293-296, pl. 13. In: *Livre Jubilaire de M. Eugène-Louis Bouvier*. Paris, Fermin-Didot et Cie. (20 May) [general; South America]  
 1943. Notes sur quelques formes nouvelles de *Papilio* américains (Lep. Papilionidae). *Bulletin de la Société entomologique de France* 48(8): 109-113, pl. 1 (14 November) [*P. gundlachianus* male individual form *unipunctus*, *P. g.* male individual form *pauperimus*, *P. vertumnus diceros* female individual form *regularis*, *P. drucei* male individual form *nucalensis*, *P. iphidamas* female individual form *poverella*, *P. lysander isanae*, *P. l.* male individual form *extensa*, *P. l.* male individual form *reducta*, *P. neophilus olivencius* female individual form *rosissima*, *P. lycophron lycophron* male individual form *thersitoides*, *P. l. pirithous* female individual form *suffusa*, *P. hyppason* male individual form *unimacula*, *P. garleppi interruptus* female form *xanthica*, *P. torquatus polybius* female form *albosignata*, *P. scamander grayi* female individual form *leucomelas*, *P. s. g.* male individual form *laticlavus*, *P. s. eurymander* female individual form *arlequina*, *P. lysithous* form *lucius*; South America, Cuba, Costa Rica]  
 1960. Note sur une forme nouvelle de *Papilio anchises* Linn. *Papilio anchises orinocensis*, subsp. nov. *Novedades científicas. Contribuciones ocasionales del Museo de Historia natural La Salle* (Caracas) 26: 1-7, 3 figs. (8 March) [new forms: *P. a. o.* male form *smaragdalis*, *P. a. o.* female form *meania*; Venezuela]
- Rousselle, Marjolaine**  
 2019. See Pinharanda, A. L. et al., 2019.
- Routledge, Christine E.**  
 1977a. Mariposas de Tabasco. *Boletín informativo. Sociedad mexicana de Lepidopterología* 3(1): 5-7 (January-February) [general; Mexico]  
 1977b. El suborden Rhopalocera (Lepidoptera) del Estado de Tabasco. Su lista, frecuencia, diversidad y distribución. *Revista de la Sociedad mexicana de Lepidopterología* 3(2): 57-73, 8 figs. (30 December) [general; ecology; population dynamics; Mexico]
- Rowe, Candy, and Christina Halpin**  
 2013. Why are warning displays multimodal? *Behavioral Ecology and Sociobiology* 67(9): 1425-1439, 3 tabs. (September; published online 27 March) [mimicry; *Heliconius*]
- Rowe, Jasmine**  
 2015. See Whitworth, A. et al., 2015.
- Rowland, Hannah M.**  
 2017. See Cuthill, I. C. et al., 2017.
- Rowley, F. R.**  
 1901. Notes on the genus *Morpho*. *Transactions of the Leicester literary and philosophical Society* 6(2): 75-87 (October) [general; morphology; life history; behavior; distribution; Neotropics]
- Rozenberg, Laura, Rosendo Fraga, Diego Cherny and Gustavo Carrizo**  
 1988. *Las mariposas*, pp. 1-64, figs. In: Lukawecki, N. & F. E. Márquez (Eds.), *Fauna argentina. Insectos 1*. Buenos Aires, Centro Editor de América Latina (June) [general]
- Rozycki, Richard M.**  
 1985. See Johnson, K. D. et al., 1985.  
 1986a. See Johnson, K. D. & R. M. Rozycki, 1986.  
 1986b. See Johnson, K. D. et al., 1986a.  
 1986c. See Johnson, K. D. et al., 1986b.  
 1987. *Eurytides orabilis* (Papilionidae) in Ecuador: a new record. *News of the Lepidopterists' Society* 1987(4): 60 (July-August).  
 1989a. See Johnson, K. D. et al., 1989a.  
 1989b. See Johnson, K. D. et al., 1989b.  
 2003. A melanic *Parides photinus*. *News of the Lepidopterists' Society* 45(4): 131, 133, 1 fig. (1



- December) [Mexico]
- 2004a. A "tasso"-like aberration of *Papilio torquatus*. *News of the Lepidopterists' Society* 46(1): 5, 7, 2 figs. (1 April) [Peru]
- 2004b. The female of *Protographium leucaspis leucaspis* (Godart, 1819). *News of the Lepidopterists' Society* 46(4): 109-110, 1 fig. (15 November) [Bolivia]
2015. See Miller, J. Y. et al., 2015.
- Rozycki, Richard M., and Dennis O'Keeffe Knowles**
2012. Some new records of butterflies from Great Inagua, Bahamas. *News of the Lepidopterists' Society* 53(4): 104 (17 January) [*Anthanasia frisia* (Poey), *Asbolis capucinus* (Lucas), *Calpodus ethlius* (Stoll)]
2019. Supplementary eyespots in *Calisto* from the Bahamas. *News of the Lepidopterists' Society* 61(3): 138-139, 1 fig. (27 August) [*C. sibylla* Bates, *C. apollinis* Bates]
- Rozzi, Ricardo, Mary Therese Kalin Arroyo and Juan José Armesto**
1997. Ecological factors affecting gene flow between populations of *Anarthrophyllum cumingii* (Papilionaceae) growing on equatorial- and polar-facing slopes in the Andes of Central Chile. *Plant Ecology* 132(2): 171-179, 3 figs., 3 tabs. (October) [*Yranea lathonioides* (Blanchard); pollination]
- Rubenstein, Dustin R., and Keith A. Hobson**
2004. From birds to butterflies: animal movement patterns and stable isotopes. *Trends in Ecology and Evolution* 19(5): 256-263, 1 fig., 1 tab. (May) [*Danaus plexippus* (Linnaeus); migration; Mexico, Cuba]
- Rubino, Richard G.**
2015. See Oberhauser, K. S. et al., 2015a.
- Rubinoff, Daniel**
2009. See Roe, A. D. et al., 2009.
- 2011a. See Wahlberg, N. & D. Rubinoff, 2011a.
- 2011b. See Wahlberg, N. & D. Rubinoff, 2011b.
- Rubinoff, Daniel, Stephen Cameron and Kipling Will**
2006. A genomic perspective on the shortcomings of mitochondrial DNA for "barcoding" identification. *Journal of Heredity* 97(6): 581-594, 2 figs. (November; published online 29 November) [Hesperiidae]
- Rubinowicz, Sonia**
2003. Les chenilles des *Morpho* guyanais. In: Lacomme, D. & L. Manil (Eds.), *Lépidoptères de Guyane. Bulletin des lépidoptéristes parisiens* numéro hors-série: 27-29, pl. 2, 1 fig. (January) [Ed. 2, October 2007] [general; host plants; French Guiana]
- Rubio, Edmundo**
1974. Insectos que atacan algunos frutales del Estado Zulia, Venezuela. *Revista de la Facultad de Agronomía* (Maracaibo) 2(4): 7-33 (September) [general; host plants; behavior]
- Rubio, José David, and Camilo Andrés Valencia**
- [2010]. Estudio comparativo del sistema reproductor femenino de tres especies de Nymphalidae (Lepidoptera: Papilionoidea) de Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(2): 117-125, 4 figs., 2 tabs. ("December 2009", [12 April 2010]) [*Actinote equatoria* (Bates), *Ithomia alienassa* Haensch, *Heliconius charithonia* (Linnaeus); morphology]
- Rubio, Martha, and Fabio Jiménez**
2015. *Mariposas del Darién*. [Medellín], Reserva Natural Takarkuna. 209 pp., figs. [general; Colombia]
- Rudall, Paula J.**
2013. See Nores, M. J. et al., 2013.
- Rudolphi, D. Karl Asmund** [1771-1832]
1828. Beschreibung einer seltenen menschlichen Zwitterbildung nebst vorangeschickten allgemeinen Bemerkungen über Zwitter-Thiere. *Abhandlungn der königlichen Akademie der Wissenschaften zu Berlin* 1825: 45-69, pls. 1-2. [*Papilio polycaon* Cramer, *P. laodocus* Fabricius; Brazil]
- Rudolphi, Jacobus Wilhelmus**
1804. [Thesis]. In: Thunberg, C. P., *Museum Naturalium Academiae Upsaliensis. Dissertationes* 23: [2] + 11 + [1] pp. (23 May) [general]
- Rudow, Ferdinand** [1840-1920]
1897. Reisebriefe aus Brasilien und Argentinien. *Societas entomologica* 12(5): 33-35 (1 June) [general]
- Rücker, Elisabeth**
1967. *Maria Sibylla Merian. 1647-1717*. Nürnberg, Germanisches Nationalmuseum. 60 pp., 34 pls., figs. [general; Surinam]
- Rueda, Alfredo**
2007. See Garay, E. & A. Rueda, 2007.
- Rueda, Nicol, and Miguel Gonzalo Andrade**
2016. El género *Heliconius* Kluk, 1708 [sic] en dos habitats de diferente grado de conservación en la Amazonia colombiana y aportes para su conservación. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 40(157): 653-663, 8 figs., 2 tabs. (December) [general]
- Rueda-Salazar, Ana María, and Zenón Cano-Santana**
2009. *Artropodofauna*, pp. 171-201, 8 tabs. In: Lot, A. & Z. Cano-Santana (Eds.), *Biodiversidad del ecosistema del Pedregal de San Ángel*. México, Universidad Nacional Autónoma de México. [general; Mexico]
- Ruehr, Sophie**
2015. See Espeland, M. et al., 2015.
- Ruelas, Alejandro**
1925. *Papilio daunus* Boisduval. *Boletín oficial de la Secretaría de Agricultura y Fomento* (México) (6)1(2): 144-155, 9 figs. (February) [egg, larva, pupa, imago; internal anatomy; histology; Mexico]
- Rütimeyer, Karl Ernst** [1889-1971]
1969. A new *Papilio* from Colombia and a new Sphingid from New Guinea. *Journal of the Lepidopterists' Society* 23(4): 255-257, 4 figs. (15 December) [*P. dospassosi*]
- Rütimeyer, Karl Ernst, and Viktor Schütz**
1947. *Tropische Schmetterlinge*. Bern, Hallweg. 43 pp., 23 pls. [English ed. by A. Werner, New York, A. A. Wyn, Inc., 1949] [*Papilio vertumnus* Cramer; Guyana, Brazil, Colombia, Peru, Bolivia]
- Ruff, Jorge**
1983. See Neira, M. & J. Ruff, 1983.
1989. See Neira, M. et al., 1989.
- Ruffin, Jane M.**
2002. Hey mon, we been jammin in Bahamas. *American Butterflies* 10(3): 14-17, figs. [general]
- Ruffin, Jane M., and Sandra D. Buckner**
2002. Observations on the silver-banded hairstreak, *Chlorostrymon simaethis* (Lepidoptera: Lycaenidae). *Bahamas Journal of Science* 10(1): 44-47, 6 figs. (November) [host plant]
- Ruffinelli, Agustín**
1956. See Silveira, A. & A. Ruffinelli, 1956.
- 1957a. See Biezanko, C. M. & A. Ruffinelli, 1957.
- 1957b. See Biezanko, C. M. et al., 1957.
1958. See Silveira, A. & A. Ruffinelli, 1958.
1961. See Biezanko, C. M. et al., 1961.
- 1962a. See Biezanko, C. M. et al., 1962a.
- 1962b. See Biezanko, C. M. et al., 1962b.

- 1962c. See Biezanko, C. M. & A. Ruffinelli, 1962.
1966. See Biezanko, C. M. et al., 1966.
- 1967a. See Biezanko, C. M. & A. Ruffinelli, 1967.
- 1967b. Insectos y otros invertebrados de interés forestal. *Silvicultura* (Maldonado) 25: 5-79. [general; host plants; Uruguay]
1970. See Biezanko, C. M. et al., 1970.
- 1974a. See Biezanko, C. M. et al., 1974.
- 1974b. See Biezanko, C. M. et al., 1974.
1976. See Biezanko, C. M. et al., 1976.
1978. See Biezanko, C. M. et al., 1978.
- Ruffinelli, Agustín, and Carlos Salvador Carbonell**
1944. Primera lista sistemática de insectos relacionados con la agricultura nacional. *Revista de la Asociación de Ingenieros agrónomos* (Montevideo) 1: 13-32. [general; host plants; parasitoids; Uruguay]
1954. Segunda lista de insectos y otros artrópodos de importancia económica en el Uruguay. *Revista de la Asociación de Ingenieros agrónomos* (Montevideo) 23(94): 33-82 ("July-December 1953", 1954) [general; host plants]
- Ruiz, Elva R.**
1980. See Korytkowski, C. A. & E. R. Ruiz, 1980.
- Ruiz, Evelyn, Joel Vásquez, Ricardo Zárate and Julio Pinedo**
2015. Aspectos biológicos de *Morpho helenor theodorus* (Fruhstorfer) (Lepidoptera: Nymphalidae; Morphinae) y *Mechanitis polymnia* (Linnaeus), (Lepidoptera: Nymphalidae; Ithomiinae), en la Amazonía baja del Perú. *Folia amazónica* (Iquitos) 24(1): 45-54, 2 figs., 2 tabs. (published online 18 September) [eggs, larvae, pupae, imagos; host plants]
- Ruiz, Flaminio** [1883-1942]
1929. See Gazulla, P. & F. Ruiz, 1929.
1940. Una visita al museo particular del Dr. Edwyn P. Reed. Presidente de la Sociedad Científica de Valparaíso. *Revista universitaria. Universidad católica de Chile* 25(3): 269-274, 3 figs. [general]
- Ruiz, Flaminio, and Carlos Stuardo**
1936. Insectos colectados en las Termas de Chillán. *Revista chilena de Historia natural* 39: 313-322, figs. 49-50 ("1935", 1936) [general; Chile]
- Ruiz, Javier, Oscar Flores, Ingrid Regidor and Yaritza Ortiz**
2015. Después de 150 años la mariposa *Ithomia heraldica* (H. W. Bates, 1866) fue reportada en un bosque secundario en Santo Domingo (Chontales), Nicaragua. *Encuentro* (Managua) 102: 47-51, 1 fig.
- Ruiz, Margarita**
2007. See Guzmán, J. A. et al., 2007.
- Ruiz, Mayté**
2012. See Hines, H. M. et al., 2012.
2014. See Nadeau, N. J. et al., 2014.
2017. See Van Belleghem, S. M. et al., 2017.
- Ruiz, Natalia**
1996. See Fagua, G. & N. Ruiz, 1996.
1998. See Fagua, G. et al., 1998.
2007. See Claro, R. A. et al., 2007.
2010. See Claro, R. A. & N. Ruiz, 2010.
- Ruiz, Olga**
2006. See Quinteros, R. et al., 2006b.
- Ruiz, Sonia Silveira**
1990. See Penteado-Dias, A. M. & S. S. Ruiz, 1990.
- Ruiz, Susan**
2013. See Anteparra, M. E. et al., 2013.
- Ruiz, Víctor H.**
1977. Descripción morfológica de la pupa de *Hylephila phyleus basistrigata* (Eaton, 1932) (Lepidoptera, Hesperidae) y otros antecedentes de esta especie. *Agro Sur* (Valdivia) 5(1): 69-72, 7 figs. (January-June) [distribution; Chile]
- Ruiz-Cancino, Enrique**
2019. See Rodríguez, W. D. et al., 2019.
- Ruiz-Cancino, Enrique, Juana María Coronado-Blanco and Svetlana Nikolaevna Myartseva**
2005. *Plagas de cítricos y sus enemigos naturales en el Estado de Tamaulipas, México*, pp. 931-936, 2 tabs. In: Morales A., A. Mendoza, M. P. Ibarra-González & S. G. Stanford-Camargo (Eds.), *Entomología mexicana* 4. México, Sociedad mexicana de Entomología. [*Heraclides cresphontes* (Cramer)]
- Ruiz-García, Noe, Brenda Yesenia Méndez-Pérez, Mario Valerio Velasco-García, Guillermo Sánchez-de la Vega and Juana Laura Rivera-Nava**
2015. Distribución, ciclo biológico y tabla de vida de *Eumaeus toxea* (Lepidoptera: Lycaenidae) en la provincia fisiográfica Costa de Oaxaca, México. *Revista mexicana de Biodiversidad* 86(4): 998-1003, 3 figs., 2 tabs. (December; published online 21 October) [life history; host plant]
- Ruiz-Jiménez, Carlos A.**
- [2004]. See Contreras-Medina, R. et al., [2004].
- Ruiz-Montiel, César, Paola Ivette Domínguez-Espinosa, Rafael Flores-Peredo and Carlos Patricio Illescas-Riquelme**
2014. Insectos asociados al guanábano (*Annona muricata* L.) en Veracruz, México. *Southwestern Entomologist* 39(2): 367-374, 1 fig., 1 tab. (June) [*Oenomaus ortygnus* (Linnaeus); host plant]
- Ruiz-Montoya, Lorena**
2017. See Gómez, B. et al., 2017.
- Ruiz-Utrilla, Zenia Patricia, Jorge Leonel León, Paula Lidia Enríquez and Arcángel Molina**
2018. Spatial distribution and population ecology of *Drucina championi* (Lepidoptera: Nymphalidae), a threatened butterfly from mountain landscapes of southern Mexico. *Annals of the entomological Society of America* 111(5): 285-294, 4 figs., 2 tabs. (14 September; published online 30 June)
- Rull, Juan**
2009. See Córdoba-Aguilar, A. et al., 2009.
- Rumbucher, Kurt**
1980. Die Formen von *Schoenbergia goliath* (Oberthür, 1888) im Arfakgebirge. *Atalanta* 11(1): 43-47, figs. (May) [*Morpho aega* (Hübner); Brazil]
- Rumiz, Damián**
2006. See Gareca, Y. et al., 2006.
2002. See Gutiérrez, T. & D. Rumiz, 2002.
- Runemark, Anna, Mario Vallejo-Marín and Joana I. Meier**
2019. Eukaryote hybrid genomes. *PLoS Genetics* 15(11)(e1008404): 1-22, 3 figs. (27 November) [*Heliconius*]
- Runquist, Erik B., Matthew L. Forister and Arthur Maurice Shapiro**
2012. Phylogeography at large spatial scales: incongruent patterns of population structure and demography of Pan-American butterflies associated with weedy habitats. *Journal of Biogeography* 39(2): 382-396, 5 figs., 4 tabs. (February; published online 26 August 2011) [general; Neotropics]
- Rusek, Josef**
1983. Charakteristika a zvláštnosti kubánské hmyzí fauny. *Ziva* 31(6): 215-217, 3 figs., 1 tab. [general;

- biogeography]
- Rush, Cassidi E.**  
2018. See Finkbeiner, S. D. et al., 2018.
- Rush, Cassidi E., and Ryan I. Hill**  
2017. Life history descriptions of *Adelpha naxia naxia* and *A. nea nea* (Nymphalidae) from Costa Rica. *Journal of the Lepidopterists' Society* 71(4): 249-260, 7 figs. (November) [eggs, larvae, pupae, imago; host plants; behavior]
- Ruska, Helmut** [1908-1973]  
1954. See Edwards, G. A. et al., 1954.
- Russell, Jacob A., Colin F. Funaro, Ysabel M. Giraldo, Benjamin Goldman-Huertar, David Suh, Daniel J. C. Kronauer, Corrie S. Moreau and Naomi E. Pierce**  
2012. A veritable menagerie of heritable bacteria from ants, butterflies, and beyond: Broad molecular surveys and a systematic review. *PLoS ONE* 7(12)(e51027): 1-17, 5 figs., 3 tabs. (published online 20 December) [general]
- Russell, Sharman Apt**  
2003. *An obsession with butterflies. Our long love affair with a singular insect.* New York, Basic Books. xviii + 238 pp., figs. (May) [general]
- Russo, Giuseppe** [1897-1972]  
1927a. Informe de entomología agrícola dominicana. *Memoria. Estación nacional agronómica. Colegio de Agricultura de Moca* (Santo Domingo) 2: 31-244, 32 pls. [general; host plants; República Dominicana]  
1927b. *Informe de la Sección de Entomología.* Santo Domingo, Estación Nacional Agronómica de Moca. 38 pp., 3 pls. [general; República Dominicana]
- Russo, Isa-Rita M.**  
2019. See Stanton, D. W. G. et al., 2019.
- Rust, Jes** [1963- ]  
2001. See MÜsch, I. et al., 2001.
- Rusti, Dorel, and Sebastián Teillier**  
2007. Zoogeografía de las mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) de Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 56: 97-117, 8 figs. (December) [general]
- Ruszczyk, Alexandre**  
1986a. Hábitos alimentares de borboletas adultas e sua adaptabilidade ao ambiente urbano. *Revista brasileira de Biologia* 46(2): 419-427, 2 tabs. (31 May) [general; Brazil]  
1986b. Organização das comunidades de borboletas (Lepidoptera) nas principais avenidas de Porto Alegre, Rio Grande do Sul. *Revista brasileira de Entomologia* 30(2): 265-269, 1 fig., 2 tabs. (31 July) [general; Brazil]  
1986c. Mortality of *Papilio scamander scamander* (Lep., Papilionidae) pupae in four districts of Porto Alegre (S. Brazil) and the causes of superabundance of some butterflies in urban areas. *Revista brasileira de Biologia* 46(3): 567-579, 2 figs., 3 tabs. ("30 August", 30 December)  
1987a. Ecologia urbana de borboletas, I. O gradiente de urbanização e a fauna de Porto Alegre, RS. *Revista brasileira de Biologia* 46(4): 675-688, 8 figs., 1 tab. ("30 November 1986", 10 February 1987) [general; Brazil]  
1987b. Ecologia urbana de borboletas, II. Papilionidae, Pieridae e Nymphalidae [sic] em Porto Alegre, RS. *Revista brasileira de Biologia* 46(4): 689-706, 10 figs., 2 tabs. ("30 December 1986", 10 February 1987) [general; Brazil]  
1987c. Distribution and abundance of butterflies in the urbanization zones of Porto Alegre, Brazil. *Journal of Research on the Lepidoptera* 25(3): 157-178, 11 figs., 2 tabs. (8 July) [general]  
1992. Lagarta-da-palmeira: nossa amiga ou inimiga? *Ciência Hoje* 10(58): 70-71, 3 figs. (October) [*Brassolis*; host plants; parasitoids; behavior; Brazil]  
1993. See Rodrigues, J. J. S. et al., 1993.  
1996. Spatial patterns in pupal mortality in urban palm caterpillars. *Oecologia* 107(3): 356-363, 1 fig., 6 tabs. (August) [*Brassolis sophorae* (Linnaeus), *Opsiphanes invirae* (Hübner); parasitoids; Brazil]  
1997. See Fortunato, L. & A. Ruszczyk, 1997.  
1998. See Carvalho, M. C. et al., 1998.
- Ruszczyk, Alexandre, and Aldo Mellender de Araújo**  
1993. Gradients in butterfly species diversity in an urban area in Brazil. *Journal of the Lepidopterists' Society* 46(4): 255-264, 5 figs., 3 tabs. (19 January) [general]
- Ruszczyk, Alexandre, and Martinho Cardoso de Carvalho, Jr.**  
1993. Malfunction of ecdysis and female biased mortality in urban *Brassolis sophorae* (Nymphalidae: Brassolini). *Journal of the Lepidopterists' Society* 47(2): 134-139, 2 figs., 1 tab. (16 June) [Brazil]
- Ruszczyk, Alexandre, Paulo César Motta, R. L. Barros and Aldo Mellender de Araújo**  
2004. Ecological correlates of polyphenism and gregarious roosting in the grass yellow butterfly *Eurema elathea* (Pieridae). *Brazilian Journal of Biology* 64(1): 151-164, 5 figs., 4 tabs. (29 February) [ecology; Brazil]
- Ruszczyk, Alexandre, and Elvis Souza Nascimento**  
1999. Biologia dos adultos de *Methona themisto* (Hübner, 1818) (Lepidoptera, Nymphalidae, Ithomiinae) em praças públicas de Uberlândia, Minas Gerais, Brasil. *Revista brasileira de Biologia* 59(4): 577-583, 3 figs., 2 tabs. (22 December) [host plant; behavior]
- Ruszczyk, Alexandre, and Júlio César Ribeiro**  
1998. Mortalidade dos parasitóides *Spilochalcis morleyi* (Hymenoptera, Chalcididae) e *Xanthozona melanopyga* (Diptera, Tachinidae) em pupas femininas e masculinas de *Brassolis sophorae* (Lepidoptera, Nymphalidae). *Revista brasileira de Biologia* 58(4): 633-637, 2 tabs. (1 November) [Brazil]
- Ruszczyk, Alexandre, and Cristina Ferreira Silva**  
1997. Butterflies select microhabitats on building walls. *Landscape and Urban Planning* 38: 119-127, 4 figs., 1 tab. [general; behavior; Brazil]
- Rutherford, David Greig** [ -1881]  
1878. Notes regarding some rare Papiliones. *Entomologist's monthly Magazine* 15(170): 28-31 (July) [*Papilio homerus* Fabricius; Jamaica]
- Rutherford, Mike G.**  
2015. See Geerah, P. A. & M. G. Rutherford, 2015.  
2016. See Geerah, P. et al., 2016.
- Rutkowski, Frank**  
1995. A Bahamian source for the Florida Atala butterfly. *Bahamas Journal of Science* 2(3): 21-22, 2 figs. (June) [*Eumaeus atala* (Poey); behavior]  
1996. A new larval foodplant for *Tmolus echion* (Lepidoptera: Lycaenidae). *Bishop Museum occasional Papers* 46: 32 (15 February)
- Rutowski, Ronald L.** [1949- ]  
1982. Mate choice and lepidopteran mating behavior. *Florida Entomologist* 65(1): 72-82 (30 March) [general]  
1984a. Courtship leading to copulation in the cloudless sulphur, *Phoebis sennae* (Pieridae). *Journal of Research on the Lepidoptera* 22(4): 249-253 (15

- March) [Neotropics]
- 1984b. Sexual selection and the evolution of butterfly mating behavior. *Journal of Research on the Lepidoptera* 23(2): 125-142 (31 December) [general]
1986. See Gilchrist, G. W. & R. L. Rutowski, 1986.
1991. The evolution of male mate-locating behavior in butterflies. *American Naturalist* 138(5): 1121-1139, 4 tabs. (November) [general]
2002. See Lund, N. M. et al., 2002.
2003. *Visual ecology of adult butterflies*, pp. 9-25, 4 figs. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [general; behavior]
2009. See Meadows, M. G. et al., 2009.
2015. See Seymoure, B. M. et al., 2015.
2018. See Seymoure, B. M. et al., 2018.
- Rutowski, Ronald L., Lars Gislén and Eric J. Warrant**
2009. Visual acuity and sensitivity increase allometrically with body size in butterflies. *Arthropod Structure and Development* 38(2): 91-100, 6 figs., 3 tabs. (March) [*Caligo eurilochus* (Cramer)]
- Rutowski, Ronald L., and Megan B. Kimball**
2000. Seeing the world through butterfly eyes. *American Butterflies* 8(4): 18-25, 10 figs. [morphology; behavior; Mexico]
- Rutowski, Ronald L., and Joseph M. Macedonia**
2006. Reflections on butterfly coloration. *American Butterflies* 14(1): 4-12, figs. [general]
- Rutowski, Ronald L., Joseph M. Macedonia, Darrell J. Kemp and Laura Taylor-Taft**
2007. Diversity in structural ultraviolet coloration among sulphur butterflies (Coliadinae, Pieridae). *Arthropod Structure and Development* 36(3): 280-290, 6 figs. (September) [*Anteos clorinde* (Godart)]
- Rutt, Harvey N.**
2012. See Boden, S. A. et al., 2012.
- Ruxton, Graeme D., Thomas N. Sherratt and Michael P. Speed**
2004. *Avoiding attack. The evolutionary ecology of crypsis, warning signals and mimicry*. Oxford, Oxford University Press. xii + 249 pp., 3 pls., figs., tabs. (21 October) [general]
- Ruxton, Graeme D., Michael P. Speed and Thomas N. Sherratt**
2004. Evasive mimicry: when (if ever) could mimicry based on difficulty of capture evolve? *Proceedings of the royal Society of London (B)* 271(1553): 2135-2142, 2 figs., 1 tab. (22 October; published online 28 September) [general]
- Ruysschaert, Sofie**
2017. See Gernaat, H. B. P. E. et al., 2017.
- Ryan, Ann**
- 2015a. See Young-Isebrand, E. et al., 2015.
- 2015b. See Oberhauser, K. S. et al., 2015a.
- Rydbeck, Ericus Olaus** [= Erik Olof] [1732-1795]
1758. *Pandora insectorum*. Upsaliae. i + "31" [= 23] pp., 1 pl. (15 July) [reprinted in *Amoenitates academicae* 5(89): 232-252, pl. 3; 1760 and 1788 (Ed. 2)] [general; host plants]
- Rydell, Jens**
2007. See Hedelin, H. & J. Rydell, 2007.
- Rydell, Jens, Sirje Kaerma, Henrik Hedelin and Niels Skals**
2003. Evasive response to ultrasound by the crepuscular butterfly *Manataria maculata*. *Naturwissenschaften* 90(2): 80-83, 1 tab. (February; published online 10 January) [behavior; Costa Rica]
- Rydon, Arthur Harold Bruce** [1919-2010]
1971. The systematics of the Charaxidae (Lepidoptera, Nymphalioidea). *Entomologist's Record and Journal of Variation* 83(8): 219-233, pls. 8a-8b, figs. 31-36 (15 August), (9): 283-287 (15 September), (10): 310-316, pl. 11 (15 October), (11): 336-341 (15 November), (12): 384-388 (15 December) [general; new subfamilies: Preponinae, Zaretidinae; new tribes: Anaeomorphini, Noreppini, Archaeopreponini, Preponini, Coenophlebini, Zaretidini, Sideronini, Hypnini, Polygraphini, Consulini, Cymatogrammini, Fountaineini, Memphidini; new subtribes: Preponina, Agriasina; new genera: *Fountainea*, *Noreppa*]
- Rye, Edward Caldwell** [1832-1885]
1883. Influence of color on insects. *Entomologist's monthly Magazine* 20(229): 15-16 (June) [also in *Psyche* (Cambridge) 4(115/116): 114 (11 February 1884)] [*Morpho*; Guyana; quotation from E. F. Im Thurn, 1882, q.v.]
- Rylands, Anthony Brome**
1986. See Lovejoy, T. E. et al., 1986.
1990. See Bernardes, A. T. et al., 1990.
- Rzedowski, Jerzy** [1926- ]
1957. Nota sobre un vuelo migratorio de la mariposa *Danaus plexippus* L. observado en la región de Ciudad del Maíz, S. L. P. *Acta zoológica mexicana* 2(2): 1-4, 1 fig. (15 March) [Mexico]

# S

- Sääksjärvi, Ilari**  
2015. See Vihakas, M. et al., 2015.
- Saalfeld, Kay**  
1986. See Prudêncio, M. & K. Saalfeld, 1986.
- Saalfeld, Kay, and Aldo Mellender de Araújo**  
1981. Studies on the genetics and ecology of *Heliconius erato* (Lepidoptera, Nymphalidae). I: Demography of a natural population. *Revista brasileira de Biologia* 41(4): 855-860, 3 figs., 3 tabs. (November) [Brazil]
- Särkinen, Tiina**  
2017. See Silva, D. L. de et al., 2017.
- Saba, John, and Judy Winslow**  
2009. *Baeotis zonata* (R. Felder, 1869) (Riodinidae): A new record for Arizona and the United States. *News of the Lepidopterists' Society* 51(1): 10, 30, 1 fig. (3 March) [Mexico]
- Sabino, Anderson Rodrigues**  
2017. See Gomes Junior, R. N. et al. 2017.
- Sabrosky, Curtis Williams** [1910-1997]  
1958. On the question of a lectotype for *Megathymus aryxna* Dyar. *Lepidopterists' News* 11(1/3): 29-34 (28 March) [Mexico]
- Sacco, José da Costa** [1930- ]  
1956. *Eupatorium inulaefolium* H. B. K. *Agros* (Pelotas) 9(3/4): 17-20. [general; pests and flower visitors; Brazil]
- Sachs, Carl** [1853-1878]  
1879. *Aus den Llanos. Schilderung einer naturwissenschaftlichen Reise nach Venezuela*. Leipzig, Veit & Comp. x + 369 pp., 1 pl., figs. [general]
- Sachtleben, Hans** [1893-1968]  
1961. Nachträge zu "Walther Horn & Ilse Kahle: Über entomologische Sammlungen." *Beiträge zur Entomologie* 11(5/6): 481-540 (September) [general]
- Sack, Albert von** [ -1828]  
1810. *A narrative of a voyage to Surinam; of a residence there during 1805, 1806, and 1807; and of the author's return to Europe by the way of North America*. London, G. and W. Nicol. xi + 282 pp., 3 pls., 1 map. [German and Dutch Eds., 1821] [general]
- Sackis, Gabriel Dorneles, and Ana Beatriz Barros de Morais**  
2008. Borboletas (Lepidoptera: Hesperioidea e Papilionoidea) do campus da Universidade Federal de Santa Maria, Santa Maria, Rio Grande do Sul. *Biota neotropica* 8(1): 151-158, 3 figs., 3 tabs. (1 February) [general; Brazil]
- Sada, María de la Luz, and Alida Madero**  
2011. *Guía de mariposas de Nuevo León*. Monterrey, Fondo Editorial de Nuevo León. 367 pp., figs. (September) [general; host plants; Mexico]
- Saenko, Suzanne V.** [1976- ]  
2016. See Nadeau, N. J. et al., 2016.
- Saenko, Suzanne V., Mathieu Chouteau, Florence Piron-Prunier, Corinne Blugeon, Mathieu Joron and Violaine Llaurens**  
2019. Unravelling the genes forming the wing pattern supergene in the polymorphic butterfly *Heliconius numata*. *EvoDevo* 10(16): 1-12, 2 figs., 1 tab. (8 August) [host plants; Peru]
- Sáenz, Cuauhtémoc**  
2015. See Ramírez, M. I. et al., 2015.
- Sáenz, Cuauhtémoc, Gerald E. Rehfeldt, Pierre Duval and Roberto A. Lindig-Cisneros**  
2012. *Abies religiosa* habitat prediction in climatic change scenarios and implications for monarch butterfly conservation in Mexico. *Forest Ecology and Management* 275(1): 98-106, 7 figs., 2 tabs. (July; published online 12 April) [*Danaus plexippus* (Linnaeus)]
- Sáenz, Francisco J.**  
2011. See Aragón, A. et al., 2011.
- Sáenz, Roberto**  
2004. See Yakubu, A.-A. et al., 2004.
- Sáenz-Carbonell, Luis**  
2019. See Lara-Pérez, L. A. et al., 2019.
- Saether, Bernt-Erik**  
2012a. See Grøtan, V. et al., 2012.  
2012. See Tufto, J. et al., 2012.
- Saffe, Jorge N.**  
2018. See Poffo, D. A. et al., 2018.
- Sáfián, Szabolcs** [1975- ]  
2015. See Van Swaay, C. et al., 2015.  
2016. See Timmermans, M. J. T. N. et al., 2016.  
2017. See Bálint, Z. et al., 2017.
- Safran, Rebecca J.**  
2018. See Schilling, M. P. et al., 2018.
- Sahagún, Bernardino de** [1499-1590]  
1938. *Historia General de las Cosas de Nueva España*. México, Editorial Pedro Robredo. 3: 391 pp., 5 pls. (16 March) [general; Mexico]  
1963. General History of the Things of New Spain. Book 11 - Earthly Things. Translated from the Aztec into English, with notes and illustrations. *Monographs of the School of American Research and the Museum of New Mexico* 14(XII): [xx] + 297 pp., figs. [general; Mexico]
- Sahagun, Carlos**  
2018. See Nallu, S. et al., 2018.
- Sá-Haiad, Bárbara de**  
2019. See São Leão, L. C. et al., 2019.
- Sahara, Ken**  
2006. See Yasukochi, Y. et al., 2006.
- Sahoo, Ranjit Kumar**  
2019. See Chazot, N. et al., 2019b.
- Sahoo, Ranjit Kumar, David J. Lohman, Niklas Wahlberg, Chris J. Müller, Oskar Brattström, Steve C. Collins, Djunijanti Peggie, Kwaku Aduse-Poku and Ullasa Kodandaramaiah**  
2018. Evolution of *Hypolimnas* butterflies (Nymphalidae): Out-of-Africa origin and *Wolbachia*-mediated introgression. *Molecular Phylogenetics and Evolution* 123: 50-58, 3 figs., 1 tab. (June; published online 8 February) [general; Neotropics]
- Sahoo, Ranjit Kumar, Andrew David Warren, Steve C. Collins and Ullasa Kodandaramaiah**  
2017. Hostplant change and paleoclimatic events explain diversification shifts in skipper butterflies (Family: Hesperioidea). *BMC evolutionary Biology* 17(174): 1-9, 1 fig. (published online 2 August) [general]
- Sahoo, Ranjit Kumar, Andrew David Warren, Niklas Wahlberg, Andrew Van Zandt Brower, Vladimir Alexandrovich Lukhtanov and Ullasa Kodandaramaiah**

2016. Ten genes and two topologies: an exploration of higher relationships in skipper butterflies (Hesperiidae). *PeerJ* 4(e2653): 1-17, 3 figs. (published online 6 December) [general]
- Saigusa, Toyohi** [1937- ]
1973. See Shirôzu, T. & T. Saigusa, 1973.
1985. Notes on the phylogeny and the zoogeography of the family Papilionidae (Lepidoptera). *Shizenshi-Kenkyu* 2(1): 13-33, 25 figs., 1 tab. (31 March) [general]
- 2002a. See Yago, M. & T., Saigusa, 2002a.
- 2002b. See Yago, M. & T., Saigusa, 2002b.
- 2002c. See Yago, M. & T., Saigusa, 2002c.
2010. See Ohshima, I. et al., 2010.
- Saini, Esteban Daniel**
1981. See Crouzel, I. S. de et al., 1981.
1994. Preferencia alimentaria de *Podisus connexivus* Bergroth (Heteroptera-Pentatomidae) e influencia del comportamiento de lepidópteros plagas de la soja sobre la eficiencia del depredador. *Revista de Investigaciones agropecuarias* (Buenos Aires) 25(2): 151-157, 1 fig., 1 tab. [*Colias lesbia* (Fabricius); host plant; Argentina]
2010. See Urretabizkaya, N. et al., 2010.
- Saini, Esteban Daniel, Irma Santoro de Crouzel and Beatriz Pepi**
1986. *Pyrrhopyge pelota* Plotz [sic] (Lepidoptera – Hesperidae). II. Estudio sobre sus enemigos naturales. *CIRPON, Revista de Investigación* 4(1/4): 41-53, 3 figs., 1 tab. [host plants; parasitoids; Argentina]
- Saito, Akira**
2004. See Yoshioka, S. et al., 2004.
- Saitoh, Kazuo**
2003. See De Prins, J. & K. Saitoh, 2003.
- Sakaguti, Kôhei**
1980. *Insects of the World. 3. North, South and Central America. I.* Osaka, Hoikusha Publishing Co., Ltd. 263 pp., 62 pls., figs. [general]
- Sakai, Walter H.**
1988. See Nagano, C. D. & W. H. Sakai, 1988.
- 1989a. See Nagano, C. D. et al., 1989.
- 1989b. See Nagano, C. D. & W. H. Sakai, 1989.
- Sakan, Takeo**
1967. See Tokuyama, T. et al., 1967.
- Sakchoowong, Watana**
2011. See Basset, Y. et al., 2011.
2013. See Basset, Y. et al., 2013.
2014. See Burg, N. A. et al., 2014.
- Sala, Giovanni**
1990. See Racheli, T. et al., 1990.
1992. New forms of tropical Papilionidae. *Bulletin de la Société Sciences Nat* 75/76: 34-35, pl. 4 (26 October) [*Papilio isidorus* new form *pseudoflavescens*; Peru]
1994. See Bollino, M. & G. Sala, 1994.
- 1998a. See Bollino, M. & G. Sala, 1998a.
- 1998b. See Bollino, M. & G. Sala, 1998b.
- Saladrigas, Dania** [1985- ]
- 2011a. *Hesperioideos*, pp. 114-125, figs. 306-319. In: Barro, A. & R. Núñez (Eds.), *Lepidópteros de Cuba*. Vaasa, Spartacus Foundation; Sociedad Cubana de Zoología (after November) [general; life histories; host plants]
- 2011b. See Lauranzón, B. & D. Saladrigas, 2011.
- Saladrigas, Dania, and Alejandro Barro**
2017. Life cycle and geographic distribution of *Greta cubana* (Lepidoptera: Nymphalidae). *Boletín de la Sociedad entomológica aragonesa* 61: 79-84, 7 figs. (31 December) [egg, larva, pupa, imago; host plants]
- Saladrigas, Dania, and Anabel Rodríguez**
2017. Mariposas (Lepidoptera) de la colección entomológica del Museo de Historia Natural Felipe Poey, La Habana (Cuba). *Boletín de la Sociedad entomológica aragonesa* 61: 137-149, 3 tabs. (31 December) [general; Bahamas, Chile]
- Salagaje, Luis**
2010. See Greeney, H. F. et al., 2010c.
- Salamin, Nicolas**
2017. See Pellissier, L. et al., 2017.
- Salas, Benigna**
2003. See Morales, P. et al., 2003.
- Salas, Lidia**
2015. See Ramírez, M. I. et al., 2015.
- Salas, Noemí**
2002. See Pozo, M. del C. et al., 2002.
2003. See Pozo, M. del C. et al., 2003.
2005. See Pozo, M. del C. et al., 2005.
2008. See Pozo, M. del C. et al., 2008.
2009. See Pozo, M. del C. et al., 2009.
2011. See Pozo, M. del C. et al., 2011.
2014. See Pozo, M. del C. et al., 2014.
2016. See Cavanzón, L. E. et al., 2016.
- Salas-Araiza, Manuel Darío**
1992. See McCully, J. E. & M. D. Salas, 1992.
2011. See Aguayo, D. D. et al., 2011.
2019. See León-Galván, G. del C. et al., 2019.
- Salas-Araiza, Manuel Darío, and Anatoli Boradonenko**
2006. Insectos asociados al amaranto *Amaranthus hypocondriacus* L. (Amaranthaceae) en Irapuato, Guanajuato, México. *Acta universitaria* (Guanajuato) 16(1): 50-55, 1 tab. (January-April) [*Ephyriades brunnea* (Herrich-Schäffer), *Pholisora mejicanus* (Reakirt); host plant]
- Salas-Araiza, Manuel Darío, Hiram Bravo, James E. McCully, Raquel Alatorre and Eduardo Salazar**
1994. Dinámica poblacional de lepidópteros herbívoros de crucíferas en El Bajío, México. *Folia entomologica mexicana* 88: 69-78 (15 October) [*Artogeia rapae* (Linnaeus), *Leptophobia aripa* (Boisduval); host plants]
- Salas-Araiza, Manuel Darío, Esmeralda del Castillo, Rafael Ramírez and Oscar Martínez**
2008. *Insectos asociados al injerto* (Psittacantus [sic] calyculatus) Don. (Loranthaceae), pp. 682-686, 1 tab. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana* 7. México, Sociedad mexicana de Entomología. [*Atlides halesus* (Cramer), *Melete isandra* (Boisduval); host plant; Mexico]
- Salas-Araiza, Manuel Darío, Robert Wallace Jones and Rafael Ramírez**
2011. Herbivores of *Psittacantus* [sic] *calyculatus* Don. (Loranthaceae) in Mexico: a parasitic plant of mesquite. *Southwestern Entomologist* 36(1): 107-110, 1 tab. (March) [*Atlides halesus* (Cramer), *Hesperocharis crocea* Bates; host plants]
- Salas-Garita, Cynthia and Gabriela Jones-Román**
2019. Manejo forestal sostenible del bosque y monitoreo ecológico en dos bosques muy húmedos tropicales de Zona Norte de Costa Rica. *Revista forestal mesoamericana Kurú* 16(39): 10-22, 4 figs., 5 tabs. (29 June) [general]
- Salavín, Raimundo Jorge**
1968. See Crouzel, I. S. de et al., 1968.
- 1969a. See Crouzel, I. S. de & R. J. Salavín, 1969.

- 1969b. See Crouzel, I. S. de et al., 1969.  
 1970. See Crouzel, I. S. de et al., 1970.
- Salazar, Brent A., and Douglas W. Whitman**  
 2001. *Defensive tactics of caterpillars against predators and parasitoids*, pp. 161-207, 16 figs. In: Ananthakrishnan, T. N. (Ed.), *Insects and plant defence dynamics*. Enfield, Science Publishers, Inc. (January) [general]
- Salazar, Camilo Andrés**  
 2001. See Jiggins, C. D. et al., 2001.  
 2002. See Naisbit, R. E. et al., 2002.  
 2006. See Mavárez, J. et al., 2006.  
 2007. See Kronforst, M. R. et al., 2007a.  
 2008a. See Jiggins, C. D. et al., 2008.  
 2008b. See Giraldo, N. et al., 2008.  
 2010a. See Muñoz, A. G. et al., 2010.  
 2010b. See Melo, M. C. et al., 2010.  
 2011. See Joron, M. et al., 2011.  
 2012a. See Pardo-Díaz, C. et al., 2012.  
 2012b. See Dasmahapatra, K. K. et al., 2012.  
 2012c. See Arias, C. F. et al., 2012.  
 2013a. See Nadeau, N. J. et al., 2013.  
 2013b. See Martin, S. H. et al., 2013.  
 2013c. See Supple, M. A. et al., 2013.  
 2014. See Arias, C. F. et al., 2014.  
 2015. See Sánchez, Á. P. et al., 2015.  
 2016a. See Wallbank, R. W. R. et al., 2016.  
 2016b. See Nadeau, N. J. et al., 2016.  
 2016c. See Martin, S. H. et al., 2016.  
 2017a. See Arias, C. F. et al., 2017.  
 2017b. See Mann, F. et al., 2017.  
 2017c. See Mérot, C. et al., 2017.  
 2017d. See Enciso-Romero, Juan et al., 2017.  
 2017e. See Darragh, K. et al., 2017.  
 2017f. See Van Belleghem, S. M. et al., 2017.  
 2018. See Van Belleghem, S. M. et al., 2018b.  
 2019a. See Martin, S. H. et al., 2019a.  
 2019b. See Clerici, N. et al., 2019.  
 2019c. See Martin, S. H. et al., 2019b.  
 2019d. See Edelman, N. B. et al., 2019.  
 2019e. See Concha, C. et al., 2019.
- Salazar, Camilo Andrés, Simon Wade Baxter, Carolina Pardo-Díaz, Grace C. Wu, Alison K. SurrIDGE, Mauricio Linares, Eldredge P. Bermingham and Christopher David Jiggins**  
 2010. Genetic evidence for hybrid trait speciation in *Heliconius* butterflies. *PLoS Genetics* 6(4)(e1000930): 1-12, 5 figs., 2 tabs. (29 April) [general; Colombia, Venezuela]
- Salazar, Camilo Andrés, Christopher David Jiggins, Carlos Francisco Arias, A. Tobler, Eldredge P. Bermingham and Mauricio Linares**  
 2005. Hybrid incompatibility is consistent with a hybrid origin of *Heliconius heurippa* Hewitson from its close relatives, *Heliconius cydno* Doubleday and *Heliconius melpomene* Linnaeus. *Journal of Evolutionary Biology* 18(2): 247-256, 3 figs., 2 tabs. (March; published online 18 November 2004) [Colombia]
- Salazar, Camilo Andrés, Christopher David Jiggins, Jesse E. Taylor, Marcus R. Kronforst and Mauricio Linares**  
 2008. Gene flow and the genealogical history of *Heliconius heurippa*. *BMC Evolutionary Biology* 8(132): 1-13, 2 figs., 5 tabs. (2 May) [Colombia, Venezuela]
- Salazar, César Augusto**  
 2014. See Vargas, J. I. & C. A. Salazar, 2014.
- Salazar, Diego**  
 2016. See Lamarre, G. P. A. et al., 2016.
- Salazar, Diego, and Robert J. Marquis**  
 2012. Herbivore pressure increases toward the equator. *Proceedings of the National Academy of Sciences of the United States of America* 109(31): 12616-12620, 3 figs. (31 July) [general; host plants; Mexico, Costa Rica, Ecuador, Peru, Bolivia]
- Salazar, Eduardo**  
 1994. See Salas, M. D. et al., 1994.
- Salazar, Fernanda**  
 2009. See Donoso, D. A. et al., 2009.
- Salazar, Fernanda, and David Andrés Donoso**  
 2014. El mundo de los invertebrados: en busca del número total de especies del Ecuador. *Nuestra Ciencia* (Quito) 16: 37-40, figs. (April) [general]
- Salazar, Juan Aurelio** [1917-1999]  
 1959. Dos insectos observados atacando al arroz en el valle de Jequetepeque: *Orthezia graminis* Tiersley (Orthezin.) y *Nyctelius nyctelius* (Latr.) (Hesperid.). *Revista peruana de Entomología agrícola* 2(1): 77-81 ("June", 10 August) [egg, larva, pupa; parasitoids; Peru]
- Salazar, Julián Adolfo** [1960- ]  
 1989. Estudio preliminar sobre el registro de especies y subespecies del género *Prepona* Boisduval, 1836 (Lepidoptera: Nymphalidae) en Colombia (Parte I). *Shilap* 17(68): 381-387, 5 figs. (30 December) [general; distribution]  
 1990a. Breves notas sobre dos poblaciones de *Papilio cacicus* Lucas, 1852 en Colombia (Lepidoptera: Papilionidae). *Shilap* 18(71): 217-221, 4 figs. (30 September) [distribution; behavior]  
 1990b. Estudio preliminar sobre el registro de especies y subespecies del género *Prepona* Boisduval, 1836 (Lepidoptera: Nymphalidae) en Colombia (Parte II). *Shilap* 18(71): 267-272, 6 figs. (30 September) [general; distribution]  
 1991a. Consideraciones sobre el género *Agrias* Doubleday, 1844, en Colombia (Lepidoptera: Nymphalidae, Charaxinae). *Shilap* 19(73): 69-74, 4 figs. (30 March) [general]  
 1991b. Algunos papilionidos miméticos de Colombia (Lepidoptera: Papilionidae). *Shilap* 19(74): 93-110, 17 figs. (30 June) [general]  
 1991c. I. Contribución al conocimiento de los Morphinae colombianos. Localización de una población de *Morpho hecuba wernerii* Hopp, 1921 en Colombia (Lepidoptera: Nymphalidae: Morphinae). *Shilap* 19(75): 205-209, 2 figs. (30 September)  
 1991d. Estudio preliminar sobre el registro de especies y subespecies pertenecientes a las subfamilias Zaretidinae y Anaeinae (*sensu* Rydon, 1971) en Colombia (Parte I) (Lepidoptera: Charaxidae). *Shilap* 19(75): 217-228, 8 figs. (30 September) [general]  
 1991e. Descripción de una nueva especie de *Philaethria* Billberg, 1820 para el occidente de Colombia (Lepidoptera: Nymphalidae: Heliconiinae). *Shilap* 19(76): 273-279, 3 figs., 1 tab. (30 December) [*P. constantino*]  
 1991f. See Vélez, J. H. & J. A. Salazar, 1991.  
 1992a. Descripción de una nueva especie del género *Pteronymia* Butler & Druce, 1872, para Colombia (Lepidoptera: Nymphalidae, Ithomiinae). *Shilap* 20(78): 121-124, 5 figs. (30 June) [*P. lisae*]  
 1992b. II. Contribución al conocimiento de los Morphinae colombianos. Localización de una población de

- Morpho rhodopteron* (Godman & Salvin, 1880) en Colombia (Lepidoptera: Nymphalidae, Morphinae). *Shilap* 20(78): 167-171, 2 figs. (30 June) [behavior]
- 1992c. Notas sobre cinco raras especies de Riodiniinae (Lepidoptera: Lycaenidae) en Colombia. *Agricultura tropical* (Bogotá) 29(3): 64-68, 5 figs. (December) [*Xenandra prasinata* Thieme, *X. vulcanalis* Stichel, *Hermathena candidata columba* Stichel, *Syrmatia aethiops* Staudinger, *Euselasia uzita* Hewitson; distribution; behavior]
- 1993a. See Johnson, K. D. & J. A. Salazar, 1993.
- 1993b. Una lista comentada de algunas especies de mariposas de distribución restringida o locales en Colombia (Lepidoptera, Rhopalocera). *Shilap* 21(81): 33-46, 20 figs. (30 March) [general]
- 1993c. Noticias sobre seis raras especies de licénidos colombianos. Descripción de una nueva especie de Riodiniinae para Colombia (Lepidoptera: Lycaenidae). *Shilap* 21(81): 47-53, 11 figs. (30 March) [general; *Teratophtalma* [sic] *nigrita*]
- 1993d. Notes on some populations of *Heliconius heurippa* in Colombia (Lepidoptera: Nymphalidae: Heliconiinae). *Tropical Lepidoptera* 4(2): 119-121, 7 figs. ("30 November", [27 December])
- 1993e. See Constantino, L. M. et al., 1993.
- 1993f. Contribución al conocimiento de los Morphinae colombianos. III. Estudio de una población de *Morpho cypris* (Westwood, 1851) en el Occidente de Colombia (Lepidoptera: Nymphalidae, Morphinae). *Shilap* 21(84): 227-232, 2 figs. (30 December)
- 1994a. Two new records of *Agrias claudina intermedia* from eastern Colombia (Lepidoptera: Nymphalidae: Charaxinae). *Tropical Lepidoptera* 5(2): 101-102, 2 figs. ("30 November", [8 December])
- 1994b. See Vélez, J. H. & J. A. Salazar, 1994.
- 1995a. Lista preliminar de las mariposas diurnas Lepidoptera: Rhopalocera que habitan en el departamento del Putumayo. Notas sobre la distribución en la zona andina. *Colombia amazónica* 8(1): 11-69, 14 figs., 2 maps (April) [general]
- 1995b. Mariposas vagarosas. *Ecológica* (Bogotá) 6(20): 36-39, figs. (January-June) [general; Colombia]
- 1996a. Sobre la concentración de lepidópteros ropalóceros en la cumbre de un cerro del noroccidente de Caldas, Colombia (Insecta: Lepidoptera). *Shilap* 24(94): 183-195, 9 figs., 1 tab. (30 June) [general; behavior]
- 1996b. Nuevos registros colombianos de algunas especies de Lepidoptera (Insecta: Lepidoptera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 1: 7-10, 3 figs. ("August", September) [*Caligopsis seleucida* (Hewitson), *Thecla ematheon* (Cramer), *Evenus regalis* (Cramer), *Asterope sapphira* (Hübner)]
- 1996c. Noticias sobre algunos Satyrinae poco conocidos para Colombia (Lepidoptera: Nymphalidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 1: 17-21 ("August", September) [general]
- 1996d. Avances sobre el proyecto "Revisión de Theclinae de Colombia" (Review of Colombian Theclinae) (Lepidoptera; Lycaenidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 1: 27-30 ("August", September) [general]
- 1997a. See Callaghan, C. J. & J. A. Salazar, 1997.
- 1997b. See Johnson, K. D. et al., 1997.
- 1997c. See Johnson, K. D. et al., 1997.
- 1997d. See Johnson, K. D. et al., 1997.
- 1997e. Una nueva subespecie de *Antirrhoea pterocopa* para Colombia (Lepidoptera: Nymphalidae: Morphinae). *Tropical Lepidoptera* 8(1): 39-40, 1 fig. (5 September) [A. p. *chocoensis*]
- 1997f. Origen de la lepidopterofauna en los Andes colombianos con énfasis en Lepidoptera: Lycaenidae. *Resúmenes. XXIII Congreso. Sociedad colombiana de Entomología*, p. 73 [general]
- 1998a. Contribución al conocimiento de los Morphinae colombianos, IV. Estudio de una población de *Morpho sulkowskyi* Kollar, 1850 en el centro de Colombia (Lepidoptera: Nymphalidae, Morphinae). *Shilap* 26(102): 113-116, 2 figs. (30 June) [distribution; behavior; conservation]
- 1998b. Descripción de *Heliconius hecuba walteri*, nueva subespecie del centro de Antioquia, Colombia (Lepidoptera: Nymphalidae: Heliconiinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 2: 23-27, 3 figs. (June)
- 1998c. B. D'Abbrera. Butterflies of the Neotropical Region. Part VII, Lycaenidae (1995). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 2: 37-38 (June) [general; book review]
- 1998d. See Constantino, L. M. & J. A. Salazar, 1998a.
- 1998e. Estudio preliminar sobre el registro de especies y subespecies pertenecientes al género *Memphis* Hübner, [1819] en Colombia (II) (Lepidoptera: Nymphalidae). *Shilap* 26(103): 165-173, 8 figs. (30 September) [general]
- 1998f. See Uribe, C. & J. A. Salazar, 1998.
- 1998g. See Constantino, L. M. & J. A. Salazar, 1998b.
- 1998h. On some records in females of the Colombian Lepidoptera (Insecta: Lepidoptera). *Shilap* 26(104): 207-213, 12 figs. (30 December) [general]
- 1999a. M. Gonzalo Andrade-C. Monografías de fauna de Colombia. 1. Nymphalidae, Acraeinae, Actinote. 1995. *Shilap* 27(106): 214 (30 June) [general; book review]
- 1999b. Hábitat e ilustración del sintipo de *Anaeomorpha splendida columbiana* Niepelt, 1928 (Lep: Nymphalidae: Charaxinae) para Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 3: 29-32, 3 figs. (September)
- 1999c. Notas biográficas a una historia de la lepidopterología en Colombia durante el siglo XX. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 3: 71-102, 34 figs. (September)
- 1999d. Insectos de Colombia. Estudios escogidos (M. G. Andrade, G. D. Amat & F. González Eds.). 1996. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 3: 106 (September) [general; book review]
- 1999e. Nuevos registros de especies colombianas recientemente descritas, para el Ecuador (Lepidoptera: Rhopalocera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 3: 108-109 (September) [*Polygrapha cyanea silvaorum* Constantino & Salazar, *Archaeoprepona licomedes pacifica* Constantino & Salazar]
- 1999f. See Callaghan, C. J. & J. A. Salazar, 1999.
- 2000a. Dos nuevas especies de licénidos colombianos. Una nota sobre *Adelpha egregia* Röber, 1927 y descripción de *Adelpha pseudodonyssa* sp. n. (Lepidoptera: Lycaenidae, Nymphalidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 4: 83-91, 7 figs. (May) [*Parrhasius nicanoriana*, *Argentostriatius johnsoni*]
- 2000b. New records in females of Colombian Rhopalocera. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 4: 102-103 (May) [*Epiphile*



- epicaste* (Hewitson), *Aveexcrenota anna* (Druce)]
- 2001a. See Vargas, J. I. & J. A. Salazar, 2001.
- 2001b. Semblanzas lepidopterológicas con E. W. Schmidt-Mumm y su colección de mariposas. *Boletín científico. Museo de Historia Natural. Universidad de Caldas* 5: 26-32, 6 figs. (January) [general; Colombia]
- 2001c. Nuevas observaciones sobre la concentración de lepidópteros ropalóceros en las cumbres de algunos cerros de Caldas y Antioquia, Colombia (Insecta: Lepidoptera). *Boletín científico. Museo de Historia Natural. Universidad de Caldas* 5: 66-90, 18 figs., 1 tab. (January) [general; behavior]
- 2001d. See Nielsen, G. J. et al., 2001.
- 2001e. Observaciones adicionales de "hilltopp" [sic]. *Boletín científico. Museo de Historia Natural. Universidad de Caldas* 5: 137 (January) [general; behavior; Colombia]
- 2001f. Revisiones bibliográficas. *Boletín científico. Museo de Historia Natural. Universidad de Caldas* 5: 154-157 (January) [general]
- 2001g. Las especies de los géneros *Callicore* Hübner, [1819], *Paulogramma* Dillon, 1948 y *Catacore* Dillon, 1948, depositados en la colección E. W. Schmidt-Mumm, Bogotá, Colombia (Lepidoptera: Nymphalidae). *Shilap* 29(114): 179-182 (30 June) [general; Colombia]
- 2001h. Contribución al conocimiento de los Morphinae colombianos V. Estudio de una población de *Morpho amathonte* (Deyrolle, 1860) y de *Morpho niepelti* Röber, 1927 en el occidente de Colombia (Lepidoptera: Nymphalidae, Morphinae). *Shilap* 29(116): 371-377, 3 figs. (31 December) [host plants; distribution; behavior; conservation]
- 2001i. See Bollino, M. & J. A. Salazar, 2001.
- 2002a. See Vargas, J. I. & J. A. Salazar, 2002.
- 2002b. See Johnson, K. D. & J. A. Salazar, 2002.
- 2002c. Nuevas citas de localidades para algunas especies de mariposas de distribución restringida o locales en Colombia (Lepidoptera: Rhopalocera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 153-159 (March) [general]
- 2002d. Palatabilidad de algunas especies de mariposas predadas por Mantodea (Insecta: Mantodea; Lepidoptera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 195-212, 19 figs. (March) [general; Colombia]
- 2002e. Novedades en historia natural. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 213-217, 3 figs. (March) [general; Colombia]
- 2002f. Mariposas de Manizales. María Liliana Parra, José Ignacio Vargas y Mauricio Tabares Potosí. 2000. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 221-222 (March) [general; Colombia; book review]
- 2002g. The concise atlas of butterflies of the world. Bernard d'Abrera. 2001. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 222-224 (March) [general; book review]
- 2002h. Breve nota sobre las especies de *Ceratinia* Hübner, [1816] y *Hyalyris* Boisduval, 1870 de la colección E. W. Schmidt-Mumm, Bogotá, Colombia (Lepidoptera: Nymphalidae, Ithomiinae). *Shilap* 30(118): 131-133 (30 June) [general; distribution]
- 2002i. See Le Crom, J. F. et al., 2002.
- 2002j. II. Los Papilionidae de la colección E. W. Schmidt-Mumm, Bogotá, Colombia (Lepidoptera: Papilionidae). *Shilap* 30(120): 301-310 (30 December) [general]
- 2002k. IV. Pieridae de la colección E. W. Schmidt-Mumm y descripción de tres nuevas subespecies (Lepidoptera: Pieridae). *Shilap* 30(120): 325-340, 8 figs. (30 December) [*Colias lesbia roberti*, *Zerene cesonia deserticola*, *Leodonta dysoni nevadensis*; Colombia, Ecuador]
- 2003a. V. Especies del género *Morpho* Fabricius 1807 de la colección E. W. Schmidt-Mumm, Bogotá, Colombia (Lepidoptera: Nymphalidae, Morphinae). *Shilap* 31(121): 53-59, 1 fig. (30 March) [general; distribution; Colombia]
- 2003b. VI. Especies de los géneros *Panacea* Godman & Salvin, 1883 y *Batesia* Felder & Felder, 1862 de la colección E. W. Schmidt-Mumm, Bogotá, Colombia (Lepidoptera, Nymphalidae). *Shilap* 31(122): 117-119 (30 June) [*P. prola* (Doubleday), *P. regina* (Bates), *P. procilla* (Hewitson), *B. hypochlora* Felder & Felder; Colombia]
- 2003c. Un encuentro con *Prepona wernerii* (Hering & Hopp) y breve descripción de la hembra (Lepidoptera: Charaxidae). *Lambillionea* 103(3)(2): 453-456, 4 figs. (September) [behavior; Colombia]
- 2003d. Aspectos miméticos de algunos riodinidos colombianos (Lepidoptera: Riodinidae). *Lambillionea* 103(3)(2): 479-484, 1 pl. (September) [general]
- 2003e. See Bálint, Z. & J. A. Salazar, 2003.
- 2003f. El "Seitz". Los Macrolepidoptera del Mundo. Volumen 5: Una ilustración. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 39-45, 8 figs. (November) [general; history]
- 2003g. See Schmidt-Mumm, E. W. et al., 2003.
- 2003h. Mariposas del género *Catasticta* Butler, 1870 presentes en la colección del Museo de Historia Natural, Universidad de Caldas (Lepidoptera: Pieridae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 91-101 (November) [general; Peru]
- 2003i. *Battus polydamas* (L.) presente en la isla de San Andrés. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 320 (November) [Colombia]
- 2003j. Registros de *Eurema xanthochlora* [sic] Kollar (Pieridae) en la colección E. W. Schmidt-Mumm. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 321 (November) [Colombia]
- 2003k. Mariposas comunes de la Cordillera Central de Colombia. García-Robledo, C., Constantino, L. M., Heredia, M. D. & Kattan, G. 2002. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 324 (November) [book review]
- 2003l. Revisión de la lista de algunas especies de mariposas de distribución poco conocida en Colombia (Lepidoptera: Rhopalocera). *Shilap* 31(124): 317-327, 16 figs. (30 December) [general]
- 2004a. VII. Especies del género *Caligo* Hübner, [1818] depositadas en la colección E. W. Schmidt-Mumm, Bogotá, Colombia (Lepidoptera: Nymphalidae, Brassoliniinae). *Shilap* 32(125): 23-26, 1 fig. (30 March) [general]
- 2004b. Patrones miméticos de coloración en algunos Charaxidae de Colombia y sus modelos müllerianos (Lepidoptera Nymphaloidea). *Lambillionea* 104(1)(1): 109-120, 8 figs. (March) [general]
- 2004c. See Le Crom, J. F. et al., 2004.
- 2004d. Una mirada de reconocimiento a Jesús H. Vélez E. y el Museo de Historia Natural en sus 29 años. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 31-35, 4 figs. (November) [general; Colombia]
- 2004e. Chirajara..... 128 años después. *Boletín científico.*

- Museo de Historia natural. Universidad de Caldas* 8: 189-200, 5 figs. (November) [general; history; Colombia]
- 2004f. See Vargas, J. I. & J. A. Salazar, 2004.
- 2004g. See Johnson, K. D. et al., 2004.
- 2004h. *Arcas lecromi* Salazar & Constantino, 1995 sinónimo de *Arcas splendor* Druce, 1907 (Lepidoptera: Lycaenidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 354-355 (November) [Colombia]
- 2004i. Nymphalidae de México 1. Danainae, Apaturinae, Biblidinae y Heliconinae [sic]. Distribución geográfica e ilustración. Luis-Martínez Armando, Lorente-B., Jorge. Vargas-F. Isabel. 2003. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 359-360 (November) [general; book review]
- 2005a. Un encuentro con *Zaretis syene* (Hewitson) y su hábitat en Colombia (Lepidoptera: Charaxidae). *Lambillionea* 105(3): 419-422, 3 figs. (September)
- 2005b. Butterflies. Vane-Wright, Dick. 2003. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 301 (November) [general; book review]
- 2005c. Guía de campo. Mariposas diurnas de la zona central cafetera colombiana. Valencia, C. A., Gil, Z. N. & Constantino, L. M. 2005. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 303 (November) [general; book review]
- 2005d. Checklist of Neotropical Lepidoptera, Part 4A. Atlas of Neotropical Lepidoptera. Lamas, G. (editor). 2004. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 304-305 (November) [general; book review]
- 2005e. Notas sobre el ciclo y la historia natural de algunas mariposas de El Salvador. Muyshondt-C., Albert. 2005. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 306 (November) [book review]
- 2006a. See Bálint, Z. et al., 2006a.
- 2006b. Nomenclatural notes of *Arcas splendor* Druce, 1907 in central Colombia with comments on territorial behaviour and perching locations (Lepidoptera: Lycaenidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 10: 209-222, 11 figs., 1 tab. (November)
- 2006c. See Vargas, J. I. & J. A. Salazar, 2006.
- 2006d. *Euselasia dorina* (Hewitson, 1860). Nuevo registro para la fauna colombiana. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 10: 324 (November)
- 2006e. Registros ocasionales de rhopaloceros en la ciudad de Manizales. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 10: 324-325 (November) [general; Colombia]
- 2006f. An annotated checklist of Colombian *Euselasia* Hübner [1819] (Lepidoptera: Riodinidae). *Lambillionea* 106(4)(1): 641-651 (December) [general]
- 2007a. Catálogo de los Rhopalocera del Museo de Historia Natural, Centro de Museos – Universidad de Caldas (MHN-UC), y de la colección J. Salazar (CJS). Nymphaloidea. Parte I con apuntes taxonómicos. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 11: 206-259, pl. 1 (November) [general; new subtribe: Batesiina (unavailable name); Neotropics]
- 2007b. See Vargas, J. I. & J. A. Salazar, 2007.
- 2007c. See Constantino, L. M. & J. A. Salazar, 2007.
- 2007d. Wild & fearless. The life of Margaret Fountaine. Scotts
- Stokes Natasha. 2006. *Boletín científico. Museo de Historia Natural. Universidad de Caldas* 11: 417 (November) [general; book review]
- 2007e. Catalogue of the American Hesperioidea – HesperIIDae (Lep.). Mielke, Olaf H. H. 2005. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 11: 418 (November) [general; book review]
- 2008a. Mariposas colombianas X. Apuntes sobre la variación cromática en hembras de *Pterourus cacicus* Lucas, 1852 (Lepidoptera: Papilionidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 12: 143-156, 16 figs. (November) [Colombia]
- 2008b. Some studies on palpi belonging to Neotropical charaxids and notes on the wing pattern and behavior of several genera (Lepidoptera: Nymphaloidea, Charaxidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 12: 171-205, 36 figs. (November) [general; morphology; new genus: *Prozikania*]
- 2008c. Registros de *Pterourus zagreus ascolius* Felder (Papilionidae) en la colección E. W. Schmidt-Mumm. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 12: [247] (November) [Colombia]
- 2008d. See Ríos, J. (I.) C. & J. A. Salazar, 2008.
- 2008e. Insectos de Colombia, guía básica de familias. Echeverri Wolff, Marta. 2006. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 12: [253] (November) [general; book review]
- 2009a. Colombian butterflies XII. Notes on some territorial perching sites of *Arcas imperialis* (Cramer) in Colombia (Lepidoptera: Lycaenidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 83-91, 6 figs. (after 10 July) [behavior]
- 2009b. Concise overview of the Colombian members of the subtribe Mesosemiina Stichel, 1910 (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 196-213, 14 figs., 1 graph (after 10 July) [general; new subspecies: *Eunogyra satyrus infernalis* Salazar & Constantino]
- 2009c. Revisión bibliográfica. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 228-232 (after 10 July) [general; book reviews]
- 2010a. See Bálint, Z. et al., 2010.
- [2010]b. Apunte sobre la hembra de *Anaomorpha splendida* Rothschild, 1894. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(2): 272 ("December 2009", [12 April 2010]) [Peru]
- 2010c. See Rodríguez, G. et al., 2010.
- 2010d. Noticias sobre seis raras especies de licénidos colombianos y descripción de una nueva especie de *Brevianta* Johnson, Kruse & Kroenlein, 1997, para la Cordillera Occidental (Lepidoptera: Lycaenidae: Eumaeini). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(1): 189-202, 11 figs. (after 29 June) [*B. magnifica*]
- 2010e. Migración de *Urania fulgens* (Uranidae [sic]). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(1): 252-253, 1 fig. (after 29 June) [*Marpesia chiron marius* (Cramer), *Eunica monima* (Stoll), *Libytheana carinenta mexicana* Michener; Colombia]
- 2010f. See Constantino, L. M. & J. A. Salazar, 2010.
- 2011a. See Rodríguez, G. et al., 2011.
- 2011b. See Ríos, J. (I.) C. & J. A. Salazar, 2011.
- 2011c. Nacen mariposas en el Centro de Museos. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(2): 240-241, 1 fig. (after 10 January)

- [*Opsiphanes quiteria cauca* (Röber), *Caligo oileus scamander* (Boisduval); Colombia]
- 2011d. Revisión bibliográfica. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(2): 245-246 (after 10 January) [general; Colombia]
- 2011e. See Prince, S. et al., 2011.
- 2011f. Notes on the systematic status and distribution of the Neotropical butterfly *Anaeomorpha splendida* Rothschild, 1894 (Lepidoptera: Charaxidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(1): 188-205, 13 figs., 1 map (after 29 July) [Colombia, Ecuador, Peru, Brazil]
- 2011g. Mariposa rechinadora en la ciudad de Manizales, Caldas. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(1): 251, 1 fig. (after 29 July) [*Hamadryas fornax fornacalia* (Fruhstorfer); Colombia]
- 2011h. Revisión bibliográfica. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(1): 255-256 (after 29 July) [general; Ecuador; book review]
- 2011i. Nota sobre los hábitos territoriales de *Laotus gibberosa* Hewitson, *Adelotya densemaculata* Hewitson y *Pseudotinea vulcanicus* [sic] Callaghan & Salazar en residuos de bosques fragmentados (Lepidoptera: Lycaenidae, Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(2): 206-216, 8 figs. (December) [behavior; Colombia]
- 2011j. Especies raras. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(2): 226, 1 fig. (December) [Charaxinae; Neotropics]
- 2011k. Catálogo ilustrado de las mariposas de la Reserva de la Sociedad Civil Rogitama Biodiversidad (Arcabuco, Boyacá-Colombia). Pulido-B, Hannier, Pinales Dumar A., Gil, Pablo Andrés & Torres, Linda Milena. 2010. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 15(2): 229 (December) [general; book review]
2012. See Constantino, L. M. et al., 2012.
- 2013a. See Constantino, L. M. et al., [2013].
- 2013b. See Constantino, L. M. & J. A. Salazar, [2013].
- [2013]c. Un nuevo registro de *Pterourus xanthopleura* (Godman & Salvin, 1868) para Colombia (Mitú, Vaupés). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 16(2): 253, 1 fig. ("December 2012", [May 2013])
- 2013d. See Constantino, L. M. et al., 2013.
- 2013e. Novedades en historia natural. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(1): 276-280 (June) [general; Colombia]
- 2013f. Der Schmetterlings Koffer. Die tropischen Expeditionen von Arnold Schultze. Zeckau, Hannah & Zischler, Hanns. 2010. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(1): 281-282, 1 fig. (June) [general; Colombia; book review]
- 2013g. Butterflies (Lepidoptera: Papilionoidea) attracted to tree sap (o[r] exudates) in Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(2): 227-245, 21 figs., 2 tabs. (after 14 December) [general; behavior]
- 2013h. Mariposas y exudados, fotografías adicionales. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(2): 246-247, 4 figs. (after 14 December) [general; behavior; Colombia]
- 2013i. Lepidoptera – Borboletas e mariposas do Brasil. Cândido de Almeida, Almir & Freitas, André Victor Lucci. 2012. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(2): [251] (after 14 December) [general; book review]
- 2014a. *Fountainea centaurus* C., R. Felder, 1867 y su posible relación con *Muysshondtia tyrianthina* Salvin, Godman, 1868 (Lepidoptera: Nymphalidae, Charaxinae). *Boletín del Museo entomológico Francisco Luis Gallego* 6(2): 16-21, 7 figs. (June) [Colombia, Peru]
- 2014b. Un inusual registro de *Lyropteryx terpsichore* Westwood, 1851 para Colombia (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(1): 288-289, 1 fig. (July)
- [2015]a. See Nielsen, G. J. & J. A. Salazar, [2015].
- [2015]b. Nota preliminar: El Centro de Investigaciones Biológicas del Amazonas –CIBA–, la Fundación Ikozoa y comentarios sobre un anillo mimético en Rhopalocera (Lepidoptera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(2): 227-234, pl. 2, 12 figs. ("December 2014", [8 October 2015]) [general; Colombia]
- [2015]c. Nuevos registros de Lepidoptera. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(2): 297-298, 2 figs. ("December 2014", [8 October 2015]) [general; Colombia]
- [2015]d. Observaciones complementarias de mariposas en exudados. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(2): 301, 2 figs. ("December 2014", [8 October 2015]) [general; behavior; Colombia]
- 2015e. *Agrias* del Neotrópico: I Distribución y registro de algunos miembros de los grupos *aedon* y *amydon* (Lepidoptera: Charaxidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 19(1): 171-190, 7 pls., 7 figs. ("June", [8 October]) [general]
- 2015f. Un nuevo registro de *Prepona wernerii* Hering & Hopp, 1925 para Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 19(1): 287, 1 fig. ("June", [8 October])
- [2016]a. See Andrade, M. G. et al., [2016].
- 2016b. Einige Sammlungen von Schmetterlingen erreicht in der oberen und mittleren Putumayo Gebiet, Kolumbien (Lepidoptera, Nymphalidae, Ithomiinae). *Boletín del Museo entomológico Francisco Luis Gallego* 8(3): 6-21, 6 + 30 figs., 2 tabs., 1 map ("July-September", after 11 November) [general]
- [2017]a. Mariposas en secreción. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 20(1): 243 ("June 2016", [May 2017]) [published online before 25 August 2016] [general; behavior; Colombia]
- [2017]b. Presencia de *Pirascuca pluto* (Stichel, 1911) en Caldas (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 20(2): 274-275, 2 figs. ("December 2016", [11 July 2017]; published online before 24 January 2017) [Colombia]
- 2017c. See Henao, E. R. et al., 2017.
- 2017d. Comments on the genus *Adelpha* (Hübner) from Colombia and illustration of some hybrids (Lepidoptera: Nymphalidae). *Sabia* (Buenaventura) 4: 100-106, 9 figs. (December) [general]
- [2018]a. Nuevos registros de Riodinidae (Lepidoptera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(1): 234-235, 2 figs. ("June 2017", [August 2018]) [*Colaciticus seitzi* Salazar, Constantino & Rodríguez, *Mesosemia porce* Rodríguez, Constantino & Salazar; Colombia]
- [2018]b. Albinismo de *Heliconius clysonymus* (Latreille) (Lep: Nymphalidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(1): 236-237, 2 figs.

- (“June 2017”, [August 2018]) [Colombia]
- [2018]c. Posible declinación poblacional de *Morpho sulkowskyi* Kollar, 1850 (Lep. Nymphalidae) en el centro de Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(1): 237-238, 1 fig. (“June 2017”, [August 2018])
- [2018]d. Propuestas de nombres etimológicos invalidos o no disponibles. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(1): 238-239 (“June 2017”, [August 2018]) [Hesperiidae, Nymphalidae; Panamá, Colombia]
- [2018]e. Un frágil tesoro: Las mariposas colombianas. Londoño, Patricia, Giraldo, Carlos E., González, Catalina, Constantino, Emilio, Jaramillo, Juan Guillermo, Linares, Mauricio & Peláez, Nicolás. 2016. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(1): 241 (“June 2017”, [August 2018]) [general; book review]
- [2018]f. Ilustración adicional de material comparativo con entidades conocidas de Riodinidae para el artículo de nuevas especies y subespecies del *Boletín* 21(1) del 2017. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(2): 245-246, 6 figs. (“November 2017”, [August 2018]; published online December 2017) [general; Colombia]
- [2018]g. Depredación sobre *Alesa amesis* (Cramer, 1777) (Lep., Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(2): 247, 1 fig. (“November 2017”, [August 2018]; published online December 2017) [Colombia]
- [2018]h. *Setabis rhodiosa* (Stichel, 1911) y *Setabis preciosa* (Stichel, 1929), dos nuevos registros de especies para la fauna colombiana (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(2): 248, 2 figs. (“November 2017”, [August 2018]; published online December 2017)
- [2019]a. Apunte sobre el género *Anteos* Hübner (1819) (Lepidoptera: Pieridae) en Colombia y su distribución. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 22(1): 199, 1 fig. (“January 2018”, [8 August 2019]; published online January 2018) [*A. maerula* (Fabricius), *A. clorinde* (Godart), *A. menippe* (Hübner)]
- [2019]b. Nuevo registro para Colombia de la mariposa *Asterope buckleyi* f. *dilata* Lathy, 1929 (Lepidoptera, Nymphalidae: Ehipelini [sic]). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 22(1): 203, 1 fig. (“January 2018”, [8 August 2019]; published online January 2018)
- [2019]c. *Oleria radina* (Haensch, 1909) especie mimética del género *Megoleria* Constantino, 1999 (Lepidoptera, Nymphalidae, Ithomiinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 22(2): 203-204, 1 fig. (“July 2018”, [13 September 2019]; published online July 2018) [Colombia]
- 2019d. Dimorfismo sexual en el género neotropical *Doxocopa* Hübner, 1819. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 23(1): 303, 1 fig. (“January”, [13 September]; published online 13 February) [general]
- 2019e. Nuevos registros de riodinidos (Lepidoptera: Riodinidae) para Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 23(1): 304-305, 8 figs. (“January”, [13 September]; published online 13 February) [general]
- 2019f. Tres nuevos hallazgos de *Hypolimnna misippus* (Linnaeus 1764) (Lepidoptera: Nymphalidae) para Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 23(1): 306, 1 fig. (“January”, [13 September]; published online 13 February)
- 2019g. Nuevos registros para Colombia de *Agrias beatifica* f. *funebri* Michael, 1927 (Lepidoptera, Charaxidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 23(1): 306-307, 4 figs. (“January”, [13 September]; published online 13 February)
- 2019h. Les Riodinidae de Guyane. Gallard, J. Y. 2017. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 23(1): 310-311 (“January”, [13 September]; published online 13 February) [general; book review]
- 2019i. A monograph of the Nymphidiina (Lep. Riodinidae: Nymphidiini). Phylogeny, taxonomy, biology and biogeography. Hall, Jason P. W. 2018. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 23(1): 311-312 (“January”, [13 September]; published online 13 February) [general; book review]
- Salazar, Julián Adolfo, and Mónica Arias-Jaramillo**  
2017. Catálogo de los Rhopalocera del Museo de Historia Natural, Centro de Museos-Universidad de Caldas (MHN-UC), y de la colección J. Salazar (CJS) parte II: Familia Papilionidae. *Sabia* (Buenaventura) 3: 64-95, 1 fig. ([January]) [general]
- Salazar, Julián Adolfo, and Luis Miguel Constantino**  
1993. Descripción de cuatro nuevas especies de Riodininae para Colombia (Lepidoptera: Lycaenidae). *Shilap* 21(81): 13-18, 10 figs. (30 March) [*Mesosemia tatabroensis*, *M. cordillerensis*, *Calospila splendida*, *Symmachia chocoana*]
- 1995a. Sobre algunas especies colombianas del género *Arcas* Swainson, 1832 y descripción de una nueva (Lepidoptera: Lycaenidae). *Shilap* 23(90): 123-128, 4 figs. (30 June) [*A. nicolay*]
- 1995b. Descripción de un nuevo género y dos especies nuevas de lepidópteros de la Cordillera Central de Colombia (Lepidoptera: Lycaenidae). *Shilap* 23(92): 457-464, 6 figs. (30 December) [*Arcas lecromi*, *Johnsonita* (new genus) *johnsoni*]
2000. Contribución al conocimiento de las especies del género *Symmachia* Hübner, [1819] en Colombia (Lepidoptera: Lycaenidae: Riodininae). *Shilap* 28(112): 375-383, 16 figs. (30 December) [new subspecies: *S. virgaurea caucaensis*]
- 2001a. Synthesis of the Colombian Charaxidae and description of new genera for South America: *Rydonia*, *Annagrapha*, *Pseudocharaxes*, *Muyshondtia*, *Zikania* (Lepidoptera, Nymphaloidea). *Lambillionea* 101(2) (suppl. 3): 344-369, 11 figs. (June) [new subspecies: *Pseudocharaxes xenocrates ernesto*]
- 2001b. Synthesis of the Colombian Charaxidae and description of new genera for South America: *Rydonia*, *Annagrapha*, *Pseudocharaxes*, *Muyshondtia*, *Zikania* (Lepidoptera, Nymphaloidea). *Lambillionea* 101(3)(2): 506 (September) [also in *Lambillionea* 101(4): 366, bis (December) (bibliographic addendum)]
2007. Descripción de nuevas especies de ropaloceros para Colombia (Lepidoptera: Pieridae, Nymphalidae, Satyrinae, Ithomiinae, Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 11: 167-186, 40 figs. (November) [*Alesa esmeralda*, *Cartea chiribiquetensis*, *Hesperocharis ñambii* (sic; *nambii*), *Haetera piera sanguinolenta*, *Pierella lamia colombiana*, *P. lena salma*, *P. helvina caribea*, *Elzunia humboldt quinduensis*, *E. h. purace*]
- Salazar, Julián Adolfo, Luis Miguel Constantino and Kurt**

- Duane Johnson**  
1997. Additional new species and records of "elfin"-like Eumaeini from Colombia (Lycaenidae). *Revista de Theclinae colombianos* 2(17): [iii] + 1-15, pls. 15-16 (15 August) [*Candora galeraensis*, *C. incisalia*, *Rhamma argentopicta*, *Solanorum xavieri*, *S. pyrczi*; Venezuela]
- Salazar, Julián Adolfo, Luis Miguel Constantino and Carlos López**  
1998. Estudio faunístico y ecológico de los géneros *Antirrhoea* Hübner 1822 y *Caerois* Hübner 1819 en Colombia (Lepidoptera: Nymphalidae: Morphinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 2: 59-99, 34 figs. (June) [new taxa: *A. weymeri*, *A. philoctetes intermedia*]
- Salazar, Julián Adolfo, Luis Miguel Constantino and Gabriel Rodríguez**  
2008. Estudios sobre el género *Necyria* Westwood, 1851 en Colombia (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 12: 217-237, 7 pls., 2 maps (November) [general]
- Salazar, Julián Adolfo, and David Geale**  
[2017]. Ilustración y descripción de la genitalia de *Talides montezuma* Geale & Salazar, 2016 [sic] (Lepidoptera: Hesperidae) y un nuevo registro de licénido. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 20(2): 275-276, 1 fig. ("December 2016", [11 July 2017]; published online before 24 January 2017) [*Fasslantonius episcopalis* (Fassl); Colombia]
- Salazar, Julián Adolfo, Marien Giraldo and José Ignacio Vargas**  
2003. Más observaciones sobre la concentración de mariposas territoriales en cumbres de cerros colombianos: Cerro Kennedy (Minca, Magdalena), Cerro Tusa y Cerro Bravo (Venecia-Fredonia, Antioquia), Cerro La Cruz (Mariquita, Tolima), Río Dovia (Bitaco, Valle) y especies residentes en el Bosque de Bavaria (Villavicencio, Meta), su distribución espacial y trofismo. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 225-317, 42 figs., tabs. (November) [general]
- Salazar, Julián Adolfo, and Efraín Reinel Henao**  
2000. *Inventario de lepidópteros de Manizales*, pp. 102-117. In: Parra, M. L., J. I. Vargas & M. Tabares, *Mariposas de Manizales*. Manizales, Instituto para la Ciencia (December) [general; Colombia]  
2003. Mariposas colombianas V. Nota sobre las asociaciones miméticas de la mariposa *Consul panariste* Hewitson (Lepidoptera: Charaxidae) en el centro de Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 77-80, 1 fig. (November) [behavior]
- Salazar, Julián Adolfo, and Kurt Duane Johnson**  
1997. A new genus of Neotropical hairstreaks utilizing bird excrement as their protective color substrate (Eumaeini; Macusiina). *Revista de Theclinae colombianos* 2(13): [ii] + 1-10, 2 figs. (15 August) [*Aveexcrenota*, *A. mimianna*; Colombia]
- Salazar, Julián Adolfo, and Carlos López**  
1996. *Gibbonota*, nuevo género de mariposas listadas tropicales de América (Lepidoptera: Lycaenidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 1: 22-26, 3 figs. ("August", September)  
2001. Posible homonimia. *Boletín científico. Museo de Historia Natural. Universidad de Caldas* 5: 136-137 (January) [*Gibbossa*, replacement name for *Gibbonota* Salazar & López]
2002. Predicting the overall butterfly species richness in a tropical montane rainforest in the Colombian Chocó. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 111-145, 6 figs., 5 tabs. (March) [general]
- Salazar, Julián Adolfo, Gregory J. Nielsen and Václav Pacl**  
[2018]. El Bosque de Bavaria (Villavicencio, Meta), revisitado: Nuevos registros añadidos a la lista general de especies (Lepidoptera: Rhopalocera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(2): 147-169, 1 + 24 figs. ("November 2017", [August 2018]; published online December 2017) [general; Colombia]
- Salazar, Julián Adolfo, and Pablo Felipe Ovalle**  
[2013]. Presencia de *Panacea procilla* (Hewitson, 1854) y *Caligo atreus* (Fruhstorfer, 1912) en la cuenca alta del Río Cauca, Caldas (Lepidoptera, Papilionoidea). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 16(2): 252, 2 figs. ("December 2012"; [May 2013]) [Colombia]
- Salazar, Julián Adolfo, and Václav Pacl**  
[2016]. Notas sobre *Callicore ines* Hopp, 1922 en Colombia y descripción de la hembra (Lepidoptera: Nymphalidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 19(2): 245-250, 9 figs. ("December 2015"; [published online before 10 March 2016])
- Salazar, Julián Adolfo, and Indiana (= Jeisson) Cristóbal Ríos**  
2005. *Evenus coronata* Hewitson [1865], nuevo registro de Rhopalocera para el Municipio de Manizales - Caldas. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 9: 252-256, 2 figs., (November) [Colombia]
- Salazar, Julián Adolfo, Indiana (= Jeisson) Cristóbal Ríos and José Ignacio Vargas**  
[2013]. El género *Evenus* Hübner (1819) y su presencia en Colombia (Lepidoptera: Lycaenidae). *Agricultura tropical* (Bogotá) 35(1/2): 29-42, 23 figs. ("December 2012", [2013]) [general]
- Salazar, Julián Adolfo, Gabriel Rodríguez and Luis Miguel Constantino**  
[2010]a. Contribución al conocimiento del género *Mesosemia* Hübner [1819] en Colombia y descripción de nuevas taxa (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(2): 174-240, 152 + 7 figs., 58 maps ("December 2009", [12 April 2010]) [*M. vermania*, *M. portentosa*, *M. porce*, *M. metuana vargasi*, *M. zorea chocoensis*, *M. praeculta colombiana*, *M. macrina sticheli*, *M. mustela henaoi*, *M. zonalis gorgoniensis*, *M. magete humboldtiana*]
- Salazar, Julián Adolfo, Gabriel Rodríguez, Luis Miguel Constantino and Indiana (= Jeisson) Cristóbal Ríos**  
[2015]. Contribución al conocimiento de las especies del género *Siseme* Westwood, 1851 en Colombia (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(2): 263-283, figs. ("December 2014", [8 October 2015]) [general; new subspecies: *S. aristoteles antioquiensis*]
- Salazar, Julián Adolfo, Gabriel Rodríguez, Luis Miguel Constantino and José Ignacio Vargas**  
2019. Contribución al conocimiento del género *Euselasia* Hübner [1819] en Colombia y descripción de nuevas taxa (Lepidoptera: Riodinidae: Nemeobiinae). *Boletín*

- científico. *Museo de Historia natural. Universidad de Caldas* 23(1): 98-187, 8 pls., 146 + 11 figs. 2 maps ("January", [13 September]; published online 13 February) [new taxa: *E. mystica caucana*, *E. m. pseudomazaca*, *E. urites litoralis*, *E. gyda sticheli*, *E. gradata gonzaloi*, *E. opalescens nielsenii*, *E. eugeon gorgoniensis*, *E. rava albomarginata*, *E. mutator huilensis*, *E. amblypodia funebris*, *E. teleclus maculata*, *E. misteriosa*]
- Salazar, Julián Adolfo, and José Ignacio Vargas**
2001. Mariposas colombianas II. Sobre estados inmaduros de ropalóceros colombianos: Crisálidas de *Agrias aedon* (Hew.), *Caligo eurilochus* (Cr.), *Thracides phidon* (Cr.), *Adelpha lycorias wallisii* (Dwtz.), *Parides anchises nielsenii* (Boll. & Salz.) & *Necyria incendiaria* (Th.). *Boletín científico. Museo de Historia Natural. Universidad de Caldas* 5: 115-124, 6 figs. (January) [host plants]
2002. Mariposas colombianas III. Noticias sobre algunos Gryocera raros o poco conocidos en Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 29-39, 10 figs. (March) [general; Hesperidae]
- 2004a. Mariposas colombianas VI. Una nota sobre la hembra de *Epiphile epicaste* Hewitson, 1857) en Colombia. *Lambillionea* 104(2)(1): 181-183, 4 figs. (June)
- 2004b. Un encuentro con *Coenophlebia archidona* (Hewitson) y su hábitat en Colombia. *Lambillionea* 104(4): 733-735, 2 figs. (December) [behavior]
- Salazar, Julián Adolfo, José Ignacio Vargas, Ana Milena Mora and Johanna Benavides**
- 2010b. Identificación preliminar de los Rhopalocera que habitan el Centro Experimental Amazónico (C.E.A.) Mocoa-Putumayo – y algunas especies aptas para criar en cautiverio (Insecta: Lepidoptera [sic]). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 14(1): 150-188, 13 figs. (after 29 June) [general; host plants; Colombia]
- Salazar, Julián Adolfo, and Jesús Hernán Vélez**
1995. *Naturaleza de la Orinoquia. Insectos del llano*. Bogotá, Cristina Uribe Editores, Ltda. 104 pp., figs. (September) [general; Colombia]
- Salazar, Julián Adolfo, and Alfonso Villalobos**
- [2017]. Morfología descriptiva de los genitales masculinos de algunas especies neotropicales pertenecientes a la tribu Anaeini (Lepidoptera: Charaxidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 20(2): 199-224, figs. ("December 2016", [11 July 2017]; published online before 24 January 2017) [general; South America]
- [2018]. Relación de material adicional faltante en artículo. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(2): 250 ("November 2017", [August 2018]; published online December 2017) [*Annagrapha polyxo* (Druce), *A. dia divina* (Röber); Peru, Colombia]
- Salazar, Lucía**
2010. See Greeney, H. F. et al., 2010c.
- Salazar, Mauricio**
1957. See Berry, P. A. & M. Salazar, 1957.
- Salazar, Patricio**
2019. See Torres, K. P. et al., 2019.
- Salazar, Patricio Alejandro**
- 2012a. See Jones, R. T. et al., 2012.
- 2012b. See Merrill, R. M. et al., 2012.
2014. See Nadeau, N. J. et al., 2014.
- 2018a. See Finkbeiner, S. D. et al., 2018.
- 2018b. See Brien, M. N. et al., 2018.
- Salcedo, Ana Karina Moreyra**
2008. See Pinheiro, C. E. G. et al., 2008b.
- Salcedo, Christian**
2006. See Mavárez, J. et al., 2006.
- 2010a. Evidence of pollen digestion at nocturnal aggregations of *Heliconius sara* in Costa Rica (Lepidoptera: Nymphalidae). *Tropical Lepidoptera Research* 20(1): 35-37, 2 figs. (1 June) [behavior]
- 2010b. Environmental elements involved in communal roosting in *Heliconius* butterflies (Lepidoptera: Nymphalidae). *Environmental Entomology* 39(3): 907-911, 3 figs., 2 tabs. (June) [*H. erato* (Linnaeus), *H. sara* (Fabricius); behavior; Costa Rica]
- 2011a. Pollen preference for *Psychotria* sp. is not learned in the passion flower butterfly, *Heliconius erato*. *Journal of Insect Science* 11(25): 1-5, 1 fig., 1 tab. (3 March) [behavior; Panama]
- 2011b. Evidence of predation and disturbance events at *Heliconius* (Insecta: Lepidoptera: Nymphalidae) nocturnal aggregations in Panama and Costa Rica. *Journal of natural History* 45(27/28): 1715-1721, 1 tab. (July; published online 8 June) [behavior]
- 2011c. Behavioral traits expressed during *Heliconius* butterflies roost-assembly. *Tropical Lepidoptera Research* 21(2): 80-83, 2 figs., 1 tab. (1 December) [*H. sara* (Fabricius), *H. erato* (Linnaeus), *H. charithonia* (Linnaeus); Costa Rica, Panama, Peru]
- Salcedo, Deisy Johana**
2017. See Pérez, J. H. et al., 2017a.
- Saldaña, Jesús**
1976. Curiosa aberración de *Diaethria anna* (Guérin-Ménéville) (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* 2(2): 104, 2 figs. (1 November) [*D. a. aberation nigeri*; Mexico]
- Saldarriaga, Alfredo**
1976. See Posada, L. et al., 1976.
1981. *Plagas de la caña de azúcar y métodos de control*, pp. 141-172. In: *Industrialización de la caña*. Medellín, Instituto Colombiano Agropecuario (Compendio No. 42) (August) [*Caligo illioneus* f. *oberon* Butler, *Perichares corydon* [sic] (Fabricius); host plant; Colombia]
- Saldarriaga, Alfredo, Ingeborg Zenner, Reinaldo Cárdenas, Lázaro Posada and Fulvia García**
1987. Guía para el control de plagas. *Manual de Asistencia técnica. Instituto colombiano agropecuario* 1: [ix] + 401 pp., figs., 1 tab. (April) [Ed. 4] [general; host plants; Colombia]
- Saldarriaga, John Jairo**
2016. See Monteiro, E. da S. et al., 2016.
- Sales, Fernando João Montenegro de, Maria de Fátima Barros Gonçalves, Olavo F. G. Martins and Cirilo Mendes**
1979. Insetos e outros artrópodes de importância agrícola, em perímetros irrigados e de sequeiro do Estado do Piauí. *Fitossanidade (Fortaleza)* 3(1/2): 12-19, 1 tab. (December) [*Papilio thoas brasiliensis* Rothschild & Jordan; host plant; Brazil]
- Salgado, Cristian**
2016. See Ríos, R. S. et al., 2016.
- Salgado, Guillermo**
1982. See Urzúa, A. et al., 1982.
1983. See Urzúa, A. et al., 1983.
- Salgado, Luiz Onofre**

1983. Pragas das brássicas, características e métodos de controle. *Informe agropecuário* (Belo Horizonte) 9(98): 43-47, 6 figs., 2 tabs. (February) [*Ascia monuste orseis* (Godart); host plants; Brazil]
- Salgado, Misael**  
2013a. See Aristizábal, L. F. et al., 2013a.  
2013b. See Aristizábal, L. F. et al., 2013b.
- Salgado, Norma Campos**  
2000. See Otero, L. S. et al., 2000.
- Salgado, Rebeca**  
2013. See Mejía, M. de L. et al., 2013.
- Salgado-Neto, Geraldo**  
2019. See Sousa-Lopes, B. de et al., 2019.
- Salgado-Neto, Geraldo**  
2011. First record of *Xanthozona melanopyga* (Diptera: Tachinidae) on *Brassolis astyra* (Lepidoptera: Nymphalidae) for Rio Grande do Sul, Brazil. *Biota neotropica* 11(3): 411-413 (1 August) [host plant; parasitoid]  
2013. Aspects of the biology of *Cotesia alius* (Muesebeck, 1958) (Hymenoptera: Braconidae: Microgastrinae) on *Opsiphanes invirae amplificatus* Stichel (Lepidoptera: Nymphalidae) in Rio Grande do Sul, Brazil. *Estudos de Biologia Ambiente e Diversidade* (Curitiba) 35(84): 35-41, 2 figs., 2 tabs. (June) [host plants; parasitoids]
- Salgado-Neto, Geraldo, and Rocco Alfredo Di Mare**  
2009. Morfometria e mortalidade em pupas e adultos de *Brassolis astyra* (Nymphalidae, Morphinae). *Iheringia (Zoologia)* 99(2): 194-199, 10 figs., 5 tabs. (30 June) [life history; host plants; Brazil]
- Salgado-Neto, Geraldo, Rocco Alfredo Di Mare and Marcelo Lopes-da-Silva**  
2010. Parasitismo de pupas de *Argon lota* Hewitson (Lepidoptera: Hesperidae) por *Brachymeria pandora* (Crawford) (Hymenoptera: Chalcididae) no Rio Grande do Sul. *Neotropical Entomology* 39(2): 311-312 (April) [host plant; Brazil]
- Salgado-Neto, Geraldo, and Marcelo Lopes-da-Silva**  
2011. First report of parasitism on pupae of *Opsiphanes invirae amplificatus* Stichel (Lepidoptera, Nymphalidae) by *Conura (Conura) maculata* (Fabricius) (Hymenoptera, Chalcididae) in Rio Grande do Sul, Brazil. *Revista brasileira de Entomologia* 55(2): 285-286 (30 June; published online 24 June) [host plants]
- Salgado-Neto, Geraldo, James Bryan Whitfield and Flávio Roberto Mello Garcia**  
2019. *Cotesia invirae*, sp. nov., from South Brazil: a new gregarious microgastrine wasp (Hymenoptera: Braconidae) reared from *Opsiphanes invirae* (Nymphalidae) feeding on palms. *Revista brasileira de Entomologia* 63(2): 136-140, 2 figs. (June; published online 12 March) [host plants]
- Salik, Lucy Mila Garcia**  
2015. See Leviski, G. L. et al., 2015.  
2016. See Leviski, G. L. et al., 2016.
- Salik, Lucy Mila Garcia, Eduardo Carneiro, Fernando Maia Silva Dias, Diego Rodrigo Dolibaina, Luiz Anderson Ribeiro Leite, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2014. Borboletas da Estação Ecológica do Caiuá, Diamante do Norte, Paraná, Brasil (Lepidoptera: Papilionoidea & Hesperioidea). *Shilap* 42(166): 265-280, 1 fig., 3 tabs. (30 June) [general; diversity]
- Salik, Lucy Mila Garcia, Fernando Maia Silva Dias, Eduardo Carneiro, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2017. Immature stages of *Temenis laothoe meridionalis* Ebert (Lepidoptera, Nymphalidae, Biblidinae). *Revista brasileira de Entomologia* 61(1): 16-24, 41 figs. (March; published online 2 November 2016) [egg, larva, pupa, imago; host plant; Brazil]
- Salik, Lucy Mila Garcia, Luis Anderson Ribeiro Leite, Fernando Maia Silva Dias, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2015. Immature stages of *Hamadryas fornax fornax* (Hübner) (Lepidoptera: Nymphalidae: Biblidinae). *Revista brasileira de Entomologia* 59(4): 301-306, 29 figs. (December; published online 1 October) [egg, larva, pupa, imago; host plant; Brazil]
- Salinas, José Luis**  
2003. Indices filogenéticos para la conservación: una discusión del método. *Anales del Instituto de Biología, Universidad nacional autónoma de México (Zoología)* 74(1): 21-34, 6 figs., 2 tabs. [general; Papilionoidea; Mexico]  
2011. See Luis, M. A. et al., 2011b.  
2013. Registros nuevos y aclaratorios de ninfálidos (Papilionoidea: Nymphalidae) para Guatemala. *Acta zoológica mexicana* (N. S.) 29(2): 431-436 (August) [general]  
2014a. See Monteagudo, D. et al., 2014.  
2014b. See Álvarez, H. et al., 2014.  
2014c. See Sánchez, A. et al., 2014.  
2015. See Yoshimoto, J. & J. L. Salinas, 2015.  
2016. See Luis, M. A. et al., 2016.  
2018a. See Yoshimoto, J. et al., 2018.  
2018b. Comprendiendo a Boisduval, datos históricos de mariposas (Papilionoidea) de Guatemala. *Revista chilena de Entomología* 44(3): 319-338, 1 fig., 3 tabs. (published online 5 September) [general]  
2019a. See Pérez-Jarillo, E. B. et al., 2019.  
2019b. See Yoshimoto, J. et al., 2019.
- Salinas, José Luis, Jorge Enrique Llorente, Claudio Méndez, Mercedes Violeta Barrios and María del Carmen Pozo**  
2012. *Introducción a los Papilionoidea (Papilionidae, Pieridae, Lycaenidae, Riodinidae y Nymphalidae) de Guatemala*, pp. 155-173, 4 figs., 4 tabs. In: Cano, E. B. & J. C. Schuster (Eds.), *Biodiversidad de Guatemala. Volumen 2*. Guatemala, Universidad del Valle de Guatemala (May) [general]
- Salinas, José Luis, Moisés Armando Luis and Jorge Enrique Llorente**  
2004. Papilionoidea of the evergreen tropical forests of Mexico. *Journal of the Lepidopterists' Society* 58(3): 125-142, 2 figs., 3 tabs. (27 October) [general; diversity: distribution]
- Salinas, José Luis, Claudio Méndez, Mercedes Violeta Barrios, María del Carmen Pozo and Jorge Enrique Llorente**  
2009b. Hacia una síntesis de los Papilionoidea (Insecta: Lepidoptera) de Guatemala con una reseña histórica. *Caldasia* 31(2): 407-440, 6 figs., 6 tabs. (30 December) [general]
- Salinas, José Luis, María del Carmen Pozo and Moisés Armando Luis**  
[2009]a. Relaciones biogeográficas de Papilionidae, Pieridae y Nymphalidae (Rhopalocera: Papilionoidea) en el bosque tropical perennifolio de México. *Entomotropica* 21(3): 145-152, 3 figs., 1 tab. ("December 2006"; [2009]) [general]
- Salinas, José Luis, Andrew David Warren and Moisés**

- Armando Luis**  
2005. Hesperioidea (Lepidoptera: Rhopalocera) del occidente de México. *Folia entomologica mexicana* 44(3): 305-320, 4 figs., 7 tabs. (December) [general]
- Salinas, José Luis, Andrew David Warren, Moisés Armando Luis and Blanca Claudia Hernández**  
2015. Diversity and distribution of skippers (Lepidoptera: Hesperioidea: Hesperidae) in Michoacán, Mexico. *Southwestern Entomologist* 40(4): 789-816, 9 figs., 3 tabs. (December) [general]
- Salinas, Norma**  
2005. See Ricalde, D. et al., 2005.
- Salinas, Pedro José [1939- ]**  
1967. *Lista preliminar de los insectos observados en algunas hortalizas en Venezuela*. Cagua, Aragua, Servicio Shell para el Agricultor. 63 pp. (September) [*Pieris aripa* Boisduval, *Ascia monuste* (Linnaeus); host plants]
- Salinas, Pedro José, and Armando José Briceño**  
1981. Descripción de instares y observaciones sobre la biología del gusano verde del repollo, *Pieris aripa* Boisduval. *Turrialba* 31(3): 189-193, 10 figs. (July-September) [*Ascia monuste* (Linnaeus); egg, larva, pupa; Venezuela]
- Salk, Andree**  
2019. See Gallard, J.-Y. & A. Salk, 2019.
- Sallé, Auguste [1820-1896]**  
1857. Note sur le capullo de madroño. *Annales de la Société entomologique de France* (3)5(1): 20-22 (24 May) [also in *La Naturaleza* (México) 3(19): 368-369; after 15 February 1876] [*Eucheira socialis* Westwood; Mexico]
- Salminen, Juka-Pekka**  
2015. See Vihakas, M. et al., 2015.
- Salmón, Alberto**  
1935a. Calendario de prácticas y tratamientos insecticidas y fungicidas que deberán efectuarse en el verano, preparado especialmente para los valles de la Costa central del Perú. *Boletín de la Dirección de Agricultura y Ganadería. Ministerio de Fomento* (Lima) 5(17): 259-271 (30 June) [*Pieris monuste* (Linnaeus); host plants; Peru]  
1935b. Calendario de prácticas y tratamientos insecticidas y fungicidas para los meses de Abril a Setiembre, preparado especialmente para los valles de la Costa central del Perú. *Boletín de la Dirección de Agricultura y Ganadería. Ministerio de Fomento* (Lima) 5(18): 137-147 (30 September) ["Rhopalocera" (= *Papilio paeon* Boisduval); host plant; Peru]  
1936. *Calendario regional de prácticas y tratamientos insecticidas y fungicidas*. Lima, Ministerio de Agricultura. 28 pp. [general; Peru]  
1939. *Calendario regional de prácticas y tratamientos insecticidas y fungicidas. 2a. edición (corregida)*. Lima, Ministerio de Agricultura. 39 pp. [general; Peru]
- Salmon, Michael A.**  
2000. *The Aurelian legacy. British butterflies and their collectors*. Berkeley, University of California Press. 432 pp., frontisp., 41 pls., 162 figs. [general; history]
- Salomão, Adriana Trevizoli, Luiz Fernando Martins, Ricardo da Silva Ribeiro and Gustavo Quevedo Romero**  
2006. Effects of patch size and floral herbivory on seed set in *Trichogoniopsis adenantha* (Asteraceae) in southeastern Brazil. *Biotropica* 38(2): 272-275, 2 figs., 1 tab. (March) [general; pollination]
- Salomón, Hugo [1872-1954]**  
1930. La protección futura de las mariposas. *Revista de la Sociedad entomológica argentina* 3(1): 13-14 (31 July) [Morpho; Argentina]  
1941. La protección de las mariposas. *Revista de la Sociedad entomológica argentina* 11(2): 110-112 (31 October) [conservation; Argentina]
- Salomón, Víctor Manuel**  
2012. See Cárdenas, C. P. et al., 2012.
- Salto, César E.**  
1990. See Imwinkelried, J. M. et al., 1990.
- Salvato, Holly L.**  
2006. See Salvato, M. H. et al., 2006.  
2007. See Salvato, M. H. et al., 2007.  
2016. See Salvato, M. H. et al., 2016.
- Salvato, Mark H.**  
2002. See Calhoun, J. V. et al., 2002.  
2003. Lifestyles of the scaled and beautiful: Bartram's scrub-hairstreak. *American Butterflies* 11(4): 42-45, figs. [*Strymon acis* (Drury); host plant; West Indies]
- Salvato, Mark H., John V. Calhoun and Holly L. Salvato**  
2006. Observations of *Kricogonia lyside* (Pieridae) in the Florida Keys. *Journal of the Lepidopterists' Society* 60(3): 171-174, 2 figs., 1 tab. (2 October) [behavior; host plants]
- Salvato, Mark H., Holly L. Salvato and William Grogan, Jr.**  
2016. A biting midge, *Forcipomyia (Trichohelea)* sp. (Diptera: Ceratopogonidae), an ectoparasite of the Toltec roadside skipper, *Amblyscirtes tolteca prenda* (Hesperiidae). *News of the Lepidopterists' Society* 58(4): 171, 1 fig. (16 November) [Mexico]
- Salvato, Mark H., Nadia Spencer and Holly L. Salvato**  
2007. Observations on *Heraclides andraemon* larvae on Key Largo. *News of the Lepidopterists' Society* 49(3): 91, 101, 3 figs. (10 October) [Bahamas, Cuba]
- Salvenmoser, Willi**  
2016a. See Zobl, S. et al., 2016a.  
2016b. See Zobl, S. et al., 2016b.
- Salvin, Osbert [1835-1898]**  
1869a. Descriptions of new species of butterflies from tropical America. *Annals and Magazine of natural History* (4)4(21): 163-181 (1 September) [*Olyras insignis*, *Ithomia frater*, *I. tricolor*, *I. semifulva*, *I. pardalis*, *I. peruana*, *I. picta*, *I. cayana*, *I. rufocincta*, *I. simplex*, *I. parva*, *I. vicina*, *I. lyra*, *Eresia nigripennis*, *E. actinote*, *E. ithomiola*, *E. pusilla*, *Eunica chlorohoa*, *E. elegans*, *E. tenebrosa*, *E. brunnea*, *Cybdelis boliviana*, *Perisama hilara*, *Callicore neglecta*, *Catagramma titania*, *C. casta*, *Epicalia regina*, *Callithea whitelyi*, *Paphia lineata*, *P. indigotica*, *P. zelica*, *P. proserpina*; Mexico, Central and South America]  
1869b. A synopsis of the genus *Clothilda*. *Transactions of the entomological Society of London* 1869(5): 391-397 (14 December) [general; new species: *C. insignis*, *C. cubana*; Haiti, Cuba, Mexico, Guatemala, Costa Rica]  
1871a. Description of a new species of butterfly of the genus *Paphia*. *Annals and Magazine of natural History* (4)7(38): 165 (1 February) [*P. jansonii*; Nicaragua]  
1871b. Descriptions of new species of butterflies from tropical America. *Annals and Magazine of natural History* (4)7(42): 412-416 (1 June) [*Melinaea scylax*, *M. orestes*, *M. cydippe*, *Pronophila timanthes*, *Oxeoschistus cothon*, *Heliconius sisyphus*, *H. venustus*, *H. etylus*, *H. montanus*, *H. pachinus*, *H. sotericus*, *Colaenis tithraustes*, *Eurema arcae*, *Melitaea crithona*, *Leptalis cinerascens*, *L. oreas*; Panama, Peru, Ecuador, Bolivia, Costa Rica]



1877. See Godman, F. D. & O. Salvin, 1877.
- 1878a. See Godman, F. D. & O. Salvin, 1878a.
- 1878b. See Godman, F. D. & O. Salvin, 1878b.
- 1878c. See Godman, F. D. & O. Salvin, 1878c.
- 1879a. See Godman, F. D. & O. Salvin, 1879a.
- 1879b-80a. See Godman, F. D. & O. Salvin, 1879b-1880a.
- 1880b. See Godman, F. D. & O. Salvin, 1880b.
- 1880c. Notes on Captain Markham's "Visit to the Galapagos Islands". *Proceedings of the royal geographical Society and monthly Record of Geography* (London) 2(12): 755-758 (December) [*Agraulis vanillae* (Linnaeus), *Lycaena*, *Polyommatus*, *Callidryas eubule* (Linnaeus)]
- 1881-82a. See Godman, F. D. & O. Salvin, 1881-1882a.
- 1882b. See Godman, F. D. & O. Salvin, 1882b.
- 1882c-83a. See Godman, F. D. & O. Salvin, 1882c-1883a.
- 1883b. See Godman, F. D. & O. Salvin, 1883b.
- 1883c-84a. See Godman, F. D. & O. Salvin, 1883c-1884a.
- 1884b. See Godman, F. D. & O. Salvin, 1884b.
- 1885-88. See Godman, F. D. & O. Salvin, 1885-1888.
- 1889a. See Godman, F. D. & O. Salvin, 1889a.
- 1889b-91a. See Godman, F. D. & O. Salvin, 1889b-1891a.
- 1891b. See Godman, F. D. & O. Salvin, 1891b.
- 1893a. Description of a new genus and species of Papilionidae from Mexico. *Transactions of the entomological Society of London* 1893(4): 331-332 (29 December) [*Baronia brevicornis*]
- 1893b-94a. See Godman, F. D. & O. Salvin, 1893-1894a.
- 1894b. See Godman, F. D. & O. Salvin, 1894b.
- 1894c-95a. See Godman, F. D. & O. Salvin, 1894c-1895a.
- 1895b. See Godman, F. D. & O. Salvin, 1895b.
- 1895c-96a. See Godman, F. D. & O. Salvin, 1895c-1896a.
- 1896b. See Godman, F. D. & O. Salvin, 1896b.
- 1896c. See Godman, F. D. & O. Salvin, 1896c.
- 1897a. See Godman, F. D. & O. Salvin, 1897a.
- 1897b. See Godman, F. D. & O. Salvin, 1897b.
1898. See Godman, F. D. & O. Salvin, 1898.
1899. See Godman, F. D. & O. Salvin, 1899.
- Salvin, Osbert, and Frederick Du Cane Godman**
1868. On some new species of diurnal Lepidoptera from South America. *Annals and Magazine of natural History* (4)2(8): 141-152 (1 August) [*Callitaera pyropina*, *Pierella rubecula*, *Hetaera pallida*, *Pierella ocreata*, *Antirrhaea pterocopha*, *Oressinoma sorata*, *Acraea testacea*, *Heliconius notabilis*, *Eueides lineata*, *Eresia moesta*, *E. phaedima*, *Callicore eupepla*, *C. phlogea*, *Batesia hypoxantha*, *B. hemichrysa*, *Paphia cyanea*, *P. tyrianthina*, *Morpho justitiae*, *Eurygona aurantiaca*, *E. hieronymi*, *Euterpe nigrescens*, *Pieris josepha*, *Papilio fenochionis*, *P. euterpinus*, *P. xanthopleura*, *P. soratensis*; Mexico, Central and South America]
- Salzberg, Steven L.**
2012. See Dasmahapatra, K. K. et al., 2012.
- Salzman, Shayla**
2015. See Espeland, M. et al., 2015.
- Sam, Legi**
2011. See Basset, Y. et al., 2011.
2013. See Basset, Y. et al., 2013.
2015. See Van Swaay, C. et al., 2015.
- Samad, Ishmael**
1993. See Starr, S. K. et al., 1993.
- Samaniego, Horacio, and Pablo A. Marquet**
2009. Mammal and butterfly species richness in Chile: taxonomic covariation and history. *Revista chilena de Historia natural* 82(1): 135-151, 4 figs., 3 tabs. (March) [general]
- Samaniego, Mirna**
2004. See Van Bael, S. A. et al., 2004.
- Sambhu, Hemchandranauth, and Alliea Nankishore**
2018. Butterflies (Lepidoptera) of Guyana: A compilation of records. *Zootaxa* 4371: 1-187, 4 tabs. (16 January) [general]
- Sambhu, Hemchandranauth, Tobin Northfield, Alliea Nankishore, Abdullah Ansari and Stephen Turton**
2017. Tropical rainforest and human-modified landscapes support unique butterfly communities that differ in abundance and diversity. *Environmental Entomology* 46(6): 1225-1234, 4 figs., 1 tab. (8 December; published online 19 October) [general; Guyana]
- Sambhu, Hemchandranauth, and Torsten Van der Heyden**
2010. Sustainable butterfly farming in tropical developing countries as an opportunity for man and nature – the "Kawê Amazonica Butterfly Farm" project in Guyana as an example (Insecta: Lepidoptera). *Shilap* 38(152): 451-456, 6 figs., 1 tab. (30 December)
- Sambles, John Roy [1945- ]**
1999. See Vukusic, P. et al., 1999.
- 2000a. See Vukusic, P. et al., 2000.
- 2000b. See Vukusic, P. & J. R. Sambles, 2000.
2001. See Vukusic, P. & J. R. Sambles, 2001.
- 2002a. See Vukusic, P. et al., 2002.
- 2002b. See Lawrence, C. R. et al., 2002.
2003. See Vukusic, P. & J. R. Sambles, 2003.
- Sammon, Rick**
2004. *Flying flowers. The beauty of the butterfly*. New York, Welcome Books. 100 pp., figs. [general]
- Sammy, Joshua**
2019. See Morris, J. et al., 2019.
- Sampaio, Amauri (Amaury) Silva**
1966. See Suplicy, N., Filho et al., 1966.
1975. A broca dos frutos ou resinose do abacaxi. *A Lavoura* (Rio de Janeiro) 78: 9 (May-July) [*Thecla basilides* (Geyer); host plant; Brazil]
1980. *Pragas do maracujazeiro*, pp. 77-81. In: Ruggiero, C. (Ed.), *Cultura do maracujazeiro*. Jaboticabal, FCAV/UNESP. [*Dione juno* (Cramer), *Agraulis vanillae* (Linnaeus); host plant; Brazil]
- Samson, Chris**
1978. The re-discovery of *Adelpha ethelda* Hewitson (Lepidoptera: Nymphalidae) in north-west Ecuador. *The Aurelian* 1(1): 11-15, 2 figs. (14 September) [behavior]
1979. On the distribution of *Coenophlebia archidona* Hewitson (Lepidoptera: Nymphalidae) in western South America. *The Aurelian* 1(3): 2-8, 5 figs. (30 November) [behavior]
- Samways, Michael J.**
2011. See Laurance, W. F. et al., 2011.
- Sanabria, María Catalina, and Patricia Chacón de Ulloa**
2009. Hormigas como plagas potenciales en tres criaderos de mariposas del suroccidente de Colombia. *Acta agronómica* (Palmira) 58(1): 47-52, 2 figs. (January)
- Sanches, Nilton Fritzon**
1981. Entomofauna do abacaxizeiro no Brasil. *Documentos. Centro nacional de Pesquisa de Mandioca e Fruticultura* (Cruz das Almas) 10: [v] + 1-68, 23 tabs. (November) [*Thecla basilides* (Geyer), *Dynastor darius* (Fabricius); life histories; host plants]
1984. See Choairy, S. A. et al., 1984.
1985. A broca-do-fruto do abacaxi. *Informe agropecuário* (Belo Horizonte) 11(130): 43-46, 5 figs., 3 tabs. (October) [*Thecla basilides* (Geyer); host plant; Brazil]
1991. Freqüência de ataque da broca do fruto do abacaxi

- (*Thecla basalides* [sic] na região de Coração de Maria-BA. *Revista brasileira de Fruticultura* 13(4): 179-185, 5 tabs. (October) [host plants; Brazil]
1993. A broca-do-fruto do abacaxi e seu controle. *Abacaxi em Foco* 77: [1]-[2], 3 figs., 1 tab. (August) [*Thecla basilides* (Geyer); life history; Brazil]
2002. See Reinhardt, D. H. et al., 2002.
- Sanches, Nilton Fritzon, Salim Abreu Choairy and Anselme Vilardebo**
1985. Ataque de *Thecla basalides* [sic] (Geyer, 1837) (Lepidoptera: Lycaenidae) em folhas de abacaxi na Paraíba, Brasil. *Anais da Sociedade entomológica do Brasil* 14(1): 167-169 (31 July)
- Sánchez, Alejandra, Moisés Armando Luis and José Luis Salinas**
2014. Papilionidae y Pieridae (Lepidoptera: Papilionoidea) en la Región Loxicha de la Sierra Madre del Sur, Oaxaca, México. *Entomología mexicana* 1: 154-160, 3 tabs. (July) [general]
- Sánchez, Ángela P., and Carlos Hernán Gantiva**
2014. *Entomofauna. Hormigas, mariposas y escarabajos*, pp. 88-119, figs., 4 tabs. In: Báez, L. & F. Trujillo (Eds.), *Biodiversidad en Cerrejón*. Bogotá, Fundación Omacha. [general; Colombia]
- Sánchez, Ángela P., Carolina Pardo-Díaz, Juan Enciso-Romero, Astrid Geovana Muñoz, Christopher David Jiggins, Camilo Andrés Salazar and Mauricio Linares**
2015. An introgressed wing pattern acts as a mating cue. *Evolution* 69(6): 1619-1629, 3 figs., 1 tab. (June; published online 27 May) [*Heliconius*; behavior; South America]
- Sánchez, Angie L.**
2013. See Sánchez, N. V. et al., 2013.
- Sánchez, Carolina**
2016. See Meléndez-Jaramillo, E. et al., 2016.
- Sánchez, Consuelo**
1997. See Viejo, J. L. et al., 1997.
2004. See Viejo, J. L. et al., 2004.
- Sánchez, Coralía S.**
1989. See Fontenla, J. L. & C. S. Sánchez, 1989.
1995. See Genaro, J. A. et al., [1995].
- Sánchez, Dalia**
2003. See Hernández, B. et al., 2003.
- Sánchez, Eduardo**
2010. See Barrios, Y. et al., 2010.
- Sánchez, Fredi**
- 2000a. See Osborn, F. R. & F. Sánchez, 2000.
- 2000b. See Osborn, F. R. et al., 2000.
- Sánchez, Gabriel**
1999. See Muñoz, A. M. et al., 1999.
- Sánchez, Gerardo, Rodolfo Dirzo and Manuel Artemio Balcázar**
1999. Especificidad y herbivoría de Lepidoptera sobre especies pioneras y tolerantes del bosque mesófilo de la Reserva de Biosfera El Cielo, Tamaulipas, México. *Acta zoológica mexicana* (N. S.) 78: 103-118, 2 figs., 3 tabs. (December) [*Ouleus calavius* (Godman & Salvin); host plant]
- Sánchez, Guillermo**
1984. See Vargas, M. L. & G. Sánchez, 1984.
- Sánchez, Isabel [1959-2016]**
2009. See Cuevas, M. del S. et al., 2009.
- Sánchez, Javier**
2012. See Pérez, A. et al., 2012.
- Sanchez, Jean-Luc**
1999. Les lépidoptères anthropotoxiques d'Amérique du Sud. *Bulletin des Lépidoptéristes parisiens* 8(14): 70-74, 1 pl. (December) [*Morpho*]
- Sánchez, Jesús**
2017. See Álvarez, H. et al., 2017.
- Sánchez, Jesús Ricardo**
2017. See Jiménez, E. et al., 2017.
- Sánchez, Joaquín, Francisco Durán and Germán Vega**
2008. *Diversidad de plantas, mamíferos y mariposas en los Cerros de La Carpintera, Costa Rica*. San José, Museo Nacional de Costa Rica. 97 pp., 13 + 67 figs., 1 tab. (July) [general]
- Sánchez, Luis Roberto**
- 2013a. See Carrero, D. A. et al., 2013.
- 2013b. See Álvarez, S. M. et al., 2013a.
- Sánchez, Mario [1890-1962], and Gastón S. Villalba**
1934. Cuatro nuevas especies de mariposas diurnas para la fauna cubana. *Memorias de la Sociedad cubana de Historia natural "Felipe Poey"* 8(2): 108-110 (7 July) [*Pieris protodice* Boisduval, *Danaüs cleothesa* Godart, *Phycodes phaon* Edwards, *Libythea carinenta bachmani* Kirtland]
- Sánchez, Miguel**
2010. See Greeney, H. F. et al., 2010.
- Sánchez, Natalie V., Luis Esteban Vargas, Angie L. Sánchez and Manuel Amador**
2013. Riqueza y abundancia de mariposas diurnas, escarabajos coprófagos y plantas en cultivos orgánicos y convencionales de tres regiones de Costa Rica. *Cuadernos de Investigación UNED* 5(2): 249-259, 4 figs., 3 tabs. (December) [general]
- Sánchez, Natividad**
2009. See Luna, C. et al., 2009.
- Sánchez, Norma E.**
- 1999a. See Luna, M. G. & N. E. Sánchez, 1999a.
- 1999b. See Luna, M. G. & N. E. Sánchez, 1999b.
- Sánchez, Norma E., and María G. Luna**
2004. *Parasitism of Lepidoptera defoliators in sunflower and legume crops, and adjacent vegetation in the pampas of Argentina*, pp. 1634-1639, fig. 766. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 3. [Ed. 2, 2008] [*Colias lesbia* (Fabricius); host plants]
- Sánchez, Pedro**
1956. Plagas que afectan a los cítricos. *Boletín de la Dirección de Agricultura y Ganadería. Ministerio de Fomento* (Lima) 19/22: 78-89, figs., 2 tabs. [*Papilio thoas* Linnaeus; host plant; Peru]
1973. See Segura, C. B. de & P. Sánchez, 1973.
- Sánchez, Rafael Eduardo**
2017. See Pérez, J. H. et al., 2017a.
- Sánchez, Ragde**
2014. See Stephen, C. & R. Sánchez, 2014.
- Sánchez, Rodrigo Sebastián**
2016. See Zabala, J. M. et al., 2016.
- Sánchez, Rosa [1935- ]**
1986. See Pérez H. & R. Sánchez, 1986.
- Sánchez, Salvador**
2003. See Bojórquez, L. A. et al., 2003.
- Sánchez, Sinthia**
2006. See Santos, D. et al., 2006.
- Sánchez, Víctor**
1999. See Peterson, A. T. et al., 1999.
2002. See Peterson, A. T. et al., 2002.
2008. See Galicia, I. et al., 2008.
- Sánchez, Víctor, and Carlos Rafael Cordero**

2014. Sexual coevolution of spermatophore envelopes and female genital traits in butterflies: Evidence of male coercion? *PeerJ* 2(e247): 1-12, 3 figs., 1 tab. (30 January) [Heliconiinae; Mexico]
- Sánchez, Víctor, Blanca Estela Hernández-Baños and Carlos Rafael Cordero**
2011. The evolution of a female genital trait widely distributed in the Lepidoptera: Comparative evidence for an effect of sexual coevolution. *PLoS ONE* 6(8)(e22642): 1-7, 3 figs., 1 tab. (17 August) [general; morphology; Neotropics]
- Sánchez, Vicente**
1984. See Ortiz, F. et al., 1984.
- Sánchez-de la Vega, Guillermo**
2015. See Ruiz-García, N. et al., 2015.
- Sánchez-Figueroa, Jennifer Vianey**
2016. See Sánchez-Figueroa, J. V. et al., 2016.
2017. See Sánchez-Figueroa, J. V. et al., 2017.
- Sánchez-Figueroa, Juliana Vanessa, Jennifer Vianey Sánchez-Figueroa and José Antonio Sánchez-García**
2016. La importancia de las mariposas con énfasis al Estado de Oaxaca. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) 2(2): 24-28, 9 figs. (August) [general; Mexico]
2017. Mariposas de Oaxaca. *Boletín de la Sociedad mexicana de Entomología* (Nueva serie) 3(2): 40-43, 12 figs. (August) [general; Mexico]
- Sánchez-García, José Antonio**
2016. See Sánchez-Figueroa, J. V. et al., 2016.
2017. See Sánchez-Figueroa, J. V. et al., 2017.
- Sánchez-Guillén, Rosa A., Alejandro Córdoba-Aguilar, Bengt Hansson, Jürgen Ott and Maren Wellenreuther**
2016. Evolutionary consequences of climate-induced range shifts in insects. *Biological Reviews* (Cambridge) 91(4): 1050-1064, 2 figs., 1 tab. (November; published online 6 July 2015) [*Heliconius*]
- Sánchez-Jasso, Jessica Mariana, and Julio César Estrada-Álvarez**
2017. Highest altitudinal record of *Paratrytone rhexenor* (Lepidoptera: Rhopalocera: Hesperidae) in Mexico State, Mexico. *Boletín de la Sociedad entomológica aragonesa* 60: 361-362, 4 figs. (30 June)
- Sánchez-Jasso, Jessica Mariana, Julio César Estrada-Álvarez, Juan Pablo Medina and Balam Yolcaut Estrada-Fernández**
2019. Diversidad de mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) en el paisaje urbano del municipio de Metepec, Estado de México, México. *Revista mexicana de Biodiversidad* 90(3)(e902659): 1-12, 2 figs., 3 tabs. (September) [general]
- Sánchez-Jasso, Jessica Mariana and Irma V. Rivas**
2008. *Ciclo biológico y hábitos alimentarios de Dione juno huascuma (Lepidoptera: Nymphalidae) del Platanar, Malinalco, Estado de México*, pp. 99-104, 2 figs., 2 tabs. In: Estrada, E. G., A. Equihua, J. R. Padilla & A. Mendoza (Eds.), *Entomología mexicana 7*. México, Sociedad mexicana de Entomología. [host plant; Mexico]
- Sánchez-Mercado, Ada Y.**
- 2013a. See Ferrer-Paris, J. R. et al., 2013a.
- 2013b. See Ferrer-Paris, J. R. et al., 2013b.
- Sánchez-Monge, Alcides, Gerardo Soto, Steven Brenes, Renán Agüero and Axel Retana-Salazar**
2012. Listado de algunas familias de Lepidoptera asociadas a plantas arvenses del banano (*Musa AAA*) en el Caribe de Costa Rica. *Cultivos tropicales* (La Habana) 33(4): 16-20, 2 figs., 2 tabs. (December) [*Urbanus*; host plant]
- Sánchez-Muros, María José**
2018. See Guil-Guerrero, J. L. et al., 2018.
- Sánchez-Ororio, Ever**
2017. See Vázquez-Elorza, A. et al., 2017.
- Sánchez-Quinto, Andrés**
2014. See Servín-Garcidueñas, L. E. et al., 2014.
- Sánchez-Reyes, Uriel Jeshúa**
2012. See Niño-Maldonado, S. et al., 2012.
2013. See Gálvez, E. A. et al., 2013.
2014. See Meléndez-Jaramillo, E. et al., 2014.
2017. See Meléndez-Jaramillo, E. et al., 2017.
2018. See Meléndez-Jaramillo, E. et al., 2018.
- Sánchez-Reyes, Uriel Jeshúa, Santiago Niño-Maldonado and Robert Wallace Jones**
2011. Insectos asociados al matorral submontano de Ciudad Victoria, Tamaulipas. *Ciencia UAT* (Ciudad Victoria) 5(4): 20-25, 4 figs., 1 tab. (June) [*Euptoieta hegesia* (Cramer); predator, Mexico]
- Sánchez-Soto, Saúl**
2000. Insectos asociados con la carambola (*Averrhoa carambola* L.) (Oxalidaceae) en el Estado de Tabasco, México. *Folia entomologica mexicana* 108: 121-124 (March) [*Urbanus proteus* (Linnaeus), *Anartia fatima* (Fabricius); pollination]
2002. Lista preliminar de mariposas diurnas (Lepidoptera: Rhopalocera) del Parque Ecológico de La Chontalpa, Tabasco, México. *Entomotropica* 17(1): 111-113, 1 tab. (April) [general]
2003. Nota sobre el suborden Rhopalocera (Lepidoptera) de Tabasco, México. *Folia entomologica mexicana* 42(1): 107-108 (30 April) [general]
2007. See Pérez-de la Cruz, M. et al., 2007.
2016. See Hernández-Martínez, M. Y. et al., 2016.
- 2017a. Atropellamientos de *Protographium philolaus philolaus* (Lepidoptera: Papilionidae): oportunidad alimentaria para el ave *Psilorhinus morio* (Passeriformes: Corvidae) en Campeche, México. *Revista nicaragüense de Entomología* 125: 1-8, 4 figs. (May)
- 2017b. See Hernández, C. & S. Sánchez-Soto, 2017.
- 2017c. See Pérez, I. & S. Sánchez-Soto, 2017.
2019. Lista preliminar de mariposas (Lepidoptera) registradas en una plantación de cacao (*Theobroma cacao* L.) en La Chontalpa, Tabasco, México. *Revista nicaragüense de Entomología* 172: 1-22, 62 figs., 1 tab. (June) [general]
- Sánchez-Soto, Saúl, Ulda Nury Gómez, Manuel Moreno, Mileydi Santiago, Angélica Rodríguez and Moisés Morales**
2016. Mortalidad de mariposas diurnas (Lepidoptera: Rhopalocera) por impacto vehicular en la Reserva de la Biósfera de Calakmul, Campeche, México. *Revista nicaragüense de Entomología* 110: 3-15, 6 figs., 1 tab. (September) [general]
- Sánchez-Soto, Saúl, and Carlos F. Ortiz**
1998. Oil palm pests and pollinators in Tabasco, Mexico. Plagas y polinizadores de la palma aceitera en Tabasco, México. *ASD Oil Palm Papers* 18: 25-28. [*Opsiphanes cassina* C. Felder & R. Felder; host plant]
- Sánchez-Teyer, Lorenzo Felipe**
2017. See García-Mendoza, A. J. et al., 2017.
- Sand, Maurice** [pseudonym]
1867. See Dudevant, Maurice

- Sander, Nils**  
2013. See Petschenka, G. et al., 2013.
- Sanders (Hodson), Cora Brooking** [1875-1953]  
1904. The collections of William John Burchell, D.C.L., in the Hope Department, Oxford University Museum. IV. On the Lepidoptera Rhopalocera collected by W. J. Burchell in Brazil, 1825-1830. *Annals and Magazine of natural History* (7)13(76): 305-323 (1 April), (77): 356-371, pl. 6 (1 May) [general; new subspecies: *Leucothyris phenomoe burchelli*]  
1908. The collections of William John Burchell, D.C.L., in the Hope Department, Oxford University Museum. IV. On the Lepidoptera Rhopalocera collected by W. J. Burchell in Brazil, 1825-1830. *Annals and Magazine of natural History* (8)1(1): 33-42 (1 January) [Morphinae, Brassolinae]
- Sandhage, Kenneth H.**  
2008. See Weatherspoon, M. R. et al., 2008.
- Sandoval, Horacio**  
2011. See Melo, V. et al., 2011.
- Sandoval, Juan Carlos**  
2017. See López-Gutiérrez, S. et al., 2017.
- Sandoval, María Fernanda, Alberto Fernández-Badillo and Jorge Manuel González**  
2008. Mariposas (Insecta: Lepidoptera) del Parque Henri Pittier, Venezuela: Lista, distribución y algunas notas sobre su historia natural. *Revista de la Facultad de Agronomía* (Maracay), *Alcance* 70: 1-140, 2 figs., 1 tab. [general]
- Sandoval, Ricardo**  
2003. See Oropeza, J. et al., 2003.
- Sandved, Kjell Bloch** [1922- ]  
1976. Flap over numerals. *International Wildlife* 6(3): 36-39, figs. ([April]) [general; morphology]  
1999. *The Butterfly Alphabet*. New York, Scholastic Inc. [64] pp., figs. (July) [general]
- Sandved, Kjell Bloch, and Josephine Tyler Brewer**  
1976. *Butterflies*. New York, Harry N. Abrams, Inc. 176 pp., 245 figs. (9 November) [general; host plants; eggs, larvae, pupae, imagines; morphology; behavior; ecology; mimicry; ethnoentomology; Neotropics]
- Sandved, Kjell Bloch, and Michael Gordon Emsley**  
1975. *Butterfly magic*. New York, The Viking Press. 128 pp., 76 pls. [general; behavior; ecology; physiology; life histories; Neotropics]
- Sandy, Alec**  
2010. See Saranathan, V. et al., 2010.
- Sanfiorenzo, Andre**  
2010. See Milder, J. C. et al., 2010.
- Sanford, Leonard J.**  
1945. *Anteos maerula*, a new butterfly recorded from Florida. *Journal of the New York entomological Society* 53(2): 136 (17 July) [Mexico, Central America, West Indies]
- Sangermano, Florencia**  
2007. See Vester, H. F. M. et al., 2007.
- Sanhueza, A.**  
2005a. See Araya, J. E. et al., 2005a.  
2005b. See Araya, J. E. et al., 2005b.
- Sanjeev, Manu**  
2019. See Concha, C. et al., 2019.
- Sanjuan, Tatiana**  
2018. See Castillo, L. P. et al., 2018.
- San Martín, Pablo Rubens** [1933-1969]  
1960. See Biezanko, C. M. & P. R. San Martín, 1960.
- San Martín, Sandra**  
2012. See Despland, E. et al., 2012.
- Santacruz, Paola Giovanna**  
2014. See Chazot, N. et al., 2014.  
2016. See Despland, E. & P. G. Santacruz, 2016.
- Santacruz, Paola Giovanna, Emma Despland and Carlos Eduardo Giraldo**  
2019. Ciclo de vida y enemigos naturales de *Mechanitis menapis* (Lepidoptera: Ithomiini). *Revista de Biología tropical* 67(6): 1488-1504, 8 figs. (December; published online 6 November) [egg, larva, pupa, imago: host plants; parasitoids; Ecuador]
- Santana, A.**  
2000. See Medal, J. C. et al., 2000.
- Santana, Alessandra Figueiredo Kikuda, Daniela Rodrigues and Fernando Sérgio Zucoloto**  
2017. Larval aggregation in a Neotropical butterfly: risky behaviors, per capita risk, and larval responses in *Ascia monuste orseis*. *Behavioral Ecology and Sociobiology* 71(12)(174): 1-10. 3 figs., 3 tabs. (December; published online 17 November) [host plants; Brazil]
- Santana, Alessandra Figueiredo Kikuda, Rosana Claudia Zago and Fernando Sérgio Zucoloto**  
2011. Effects of sex, host-plant deprivation and presence of conspecific immatures on the cannibalistic behavior of wild *Ascia monuste orseis* (Godart) (Lepidoptera, Pieridae). *Revista brasileira de Entomologia* 55(1): 95-101, 3 figs., 2 tabs. (31 March) [Brazil]
- Santana, Alessandra Figueiredo Kikuda, and Fernando Sérgio Zucoloto**  
2011. Influence of previous experience on the preference, food utilization and performance of *Ascia monuste orseis* wild larvae (Godart) (Lepidoptera: Pieridae) for three different hosts. *Neotropical Entomology* 40(6): 631-638, 3 figs., 2 tabs. (December) [Brazil]  
2016. Benefits of egg clusters in the evolution of larval aggregation in the Neotropical butterfly *Ascia monuste orseis*: Reduction of egg failure and enhanced larval hatching. *Journal of the Lepidopterists' Society* 70(1): 72-74, 1 fig., 1 tab. (9 March) [host plant; Brazil]
- Santana, Dalva Luiz de Queiroz**  
1993a. See Santos, G. P. et al., 1993.  
1993b. See Zanuncio, J. C. et al., 1993a.  
1997. See Ferreira, J. M. S. et al., 1997.  
1998. See Ferreira, J. M. S. et al., 1998.
- Santander, Rocio**  
2013. See Urzúa, A. et al., 2013.
- Sant'Anna, Clara Luz Braga, Danilo Bandini Ribeiro, Leticia Couto Garcia and André Victor Lucci Freitas**  
2014. Fruit-feeding butterfly communities are influenced by restoration age in tropical forests. *Restoration Ecology* 22(4): 480-485, 4 figs., 1 tab. (July; published online 25 April) [general; Brazil]
- Santiago, Ariana Marlen**  
2013. See Cervantes, I. P. et al., 2013.
- Santiago, Hilda**  
1984. See Fontenla, J. L. et al., 1984.
- Santiago, José A., Luis E. Garcia, Hugo Perales and Julio C. Rojas**  
2008. Alternativas de control de *Leptophobia aripa* en el cultivo de repollo en Los Altos de Chiapas, México. *Manejo integrado de Plagas y Agroecología* 79/80: 49-58, 2 figs., 3 tabs. (August) [host plants]
- Santiago, José A., Luis E. Garcia, Julio C. Rojas and Hugo Perales**  
2006. Host selection behavior of *Leptophobia aripa* (Lepidoptera: Pieridae). *Florida Entomologist* 89(2):

127-134, 3 figs., 3 tabs. (June) [Mexico]

**Santiago, Mileydi**

2016. See Sánchez-Soto, S. et al., 2016.

**Santiago-Blay, Jorge A.** [1955- ]

2016. See Labandeira, C. C. et al., 2016.

**Santiago-Fernandes, Lygia Dolores Ribeiro de**

2019. See São Leão, L. C. et al., 2019.

**Santin, Angelo**

1998. *Répertoire des plantes-hôtes et de substitution des chenilles de lépidoptères du monde*. Guyancourt, Office pour la Information Eco-entomologique. 1: [viii] + 1-616; 2: [iv] + 617-1228 + [9] (20 February) [Ed. 2, 2004] [general]

**Santis, Eulalia Millán de de, and Luis de Santis**

1961. Himenópteros parásitos de *Evetria buoliana* en la República Argentina. Tercera contribución. *Revista de Investigaciones agrícolas* (Buenos Aires) 15(3): 461-464 (October) [*Papilio thoas thoantiades* Burmeister; parasitoid]

**Santis, Luis de** [1914-2000]

1938. Lista de himenópteros parásitos, primarios y secundarios, de algunos insectos útiles y perjudiciales a la agricultura en la República Argentina. *Anuario rural de la Provincia de Buenos Aires* 6: 263-284. [general; host plants]

1941. Lista de himenópteros parásitos y predadores de los insectos de la República Argentina. *Boletim da Sociedade brasileira de Agronomia* (Rio de Janeiro) 4(1): 1-66 (March) [general]

1961. See Santis, E. M. de de and L. de Santis, 1961.

1969. Calcidoideos brasileños parásitos de "Euselasia" (Hymenoptera y Lepidoptera). *Boletim do Museu de História natural da Universidade federal de Minas Gerais (Zoologia)* 4: 1-7, 4 figs. (July)

[1978]. See Blanchard, E. E. & L. de Santis, [1978].

1979. *Catálogo de los himenópteros calcidoideos de América al sur de los Estados Unidos*. Buenos Aires, Comisión de Investigaciones Científicas de la Provincia de Buenos Aires. 488 pp. (March) [general; parasitoids]

1980. *Catálogo de los himenópteros brasileños de la serie Parasítica incluyendo Bethyloidea*. Curitiba, Universidade Federal do Paraná. 395 pp., 1 tab. [general; parasitoids]

1985. Dos notas sobre himenópteros calcidoideos parasitoides oófagos de hemipteros heterópteros (Insecta). *Revista chilena de Entomología* 12: 91-94 (25 June) [*Pyrrhopyge pelota* Plötz; Argentina]

1989. Catálogo de los himenópteros calcidoideos (Hymenoptera) al sur de los Estados Unidos. Segundo suplemento. *Acta entomologica chilena* 15: 9-90 (June) [general; parasitoids]

**Santis, Luis de, and Leopoldo Esquivel**

1967. Tercera lista de himenópteros parásitos y predadores de los insectos de la República Argentina. *Revista del Museo de La Plata (Zoología)* 9(69): 47-215 ("1966", 10 March 1967) [general]

**Santisteban, José**

1990. See Mallet, J. L. B. et al., 1990.

**Santor, Rolando**

1960. *Notas de Entomología Agrícola Dominicana*. Ciudad Trujillo, Secretaría de Estado de Agricultura y Comercio. [iv] + 474 pp., 157 figs. (12 April) [general]

**Santos, Abraão Almeida**

2018. See Ribeiro, A. V. et al., 2018.

**Santos, Abraão Almeida, Katja Hogendoorn, Rodrigo**

**Soares Ramos and Marcelo Coutinho Picanço**

2019. Distribution models for *Ascia monuste* and the host *Brassica oleracea* var. *capitata*. *Journal of applied Entomology* 143(9): 1043-1051, 13 figs., 2 tabs. (November; published online 21 July) [general; Neotropics]

**Santos, Adalberto José dos**

2009. See Uehara-Prado, M. et al., 2009.

**Santos, Alonso**

2005. Primer registro de *Prosierola oblicua* [sic] Evans (Hymenoptera: Bethyilidae) y aspectos bioecológicos del parasitoide de *Quadrus contubernalis* Mabilbe (Lepidoptera: Hesperidae) en Panamá. *Tecnociencia* (Panama) 7(1): 35-42, 9 figs. (8 February) [host plant]

2008a. Parasitismo de *Prosierola oblicua* [sic] (Hymenoptera: Bethyilidae) sobre larvas de Hesperidae (Lepidoptera) dobladores de hojas. *Mesoamericana* 12(3): 89 (November) [host plants; Panama]

2008b. Especificidad parasítica de *Prosierola oblicua* [sic] Evans, 1964 (Hymenoptera: Bethyilidae) sobre larvas de Hesperidae (Lepidoptera) dobladoras de hojas. *Tecnociencia* (Panama) 10(2): 81-93, 20 figs., 2 tabs. (1 September) [general; host plants; parasitoids; Panama]

2018. See Núñez, H. et al., 2018.

2019. *Quadrus cerialis* Stoll, 1782 (Lepidoptera: Hesperidae) y su parasitoide *Lespesia archippivora* (Diptera: Tachinidae) en Panamá. *Revista nicaragüense de Entomología* 162: 1-10, 12 figs. (February) [larva, pupa, imago; host plant]

**Santos, Alonso, and Jean Carlos Abrego**

2016. Historia natural de *Eumaneus* [sic] *godarti* (Lycaenidae: Lepidoptera) y herbivoría en *Zamia manicata*. *Revista Colón Ciencias, Tecnología y Negocios* 3(1): 36-48, 15 figs., 3 tabs. (31 August) [host plant; predator; Panama]

**Santos, Alonso, Jean Carlos Abrego, Raúl E. Carranza, Luis A. Jaén and Roberto Szobotka**

2017. Enemigos naturales de estadios inmaduros de *Methona confusa* Buther [sic], 1873 (Lepidoptera: Nymphalidae) en Cerro Azul, Panamá. *Tecnociencia* (Panama) 19(1): 119-132, 10 figs., 2 tabs. (14 March) [host plant]

**Santos, Alonso, Héctor E. Barrios and Iván G. Luna**

[2010]. Diversidad de insectos en cuatro especies de plantas maderables nativas establecidas en monocultivos y cultivos mixtos en Sardinilla, Panamá. *Entomotropica* 24(1): 11-22, 7 figs., 1 tab. ("April 2009"; [2010]) [general]

**Santos, Alonso, and Roberto A. Cambra**

2003. Mariposas del Parque Nacional Darién: Nymphalidae, Papilionidae y Pieridae (Lepidoptera) depositadas en el Museo de Invertebrados G. B. Gairchild, Universidad de Panamá. *Tecnociencia* (Panama) 5(2): 23-33, 31 figs., 3 tabs. (7 July) [general; Panama]

**Santos, Alonso, Roberto A. Cambra and Jean Carlos Abrego**

2019. *Brachymeria annulata* y *Anastatus* sp. (Hymenoptera: Chalcidoidea) parasitoides respectivos de *Historis odius* (Lepidoptera: Nymphalidae) y *Liturgusa* sp. (Mantodea: Liturgusidae). *Tecnociencia* (Panama) 21(1): 57-64, 7 figs. (18 January) [Panama]

**Santos, Alonso, Rafael A. Muñoz, Miguel Ángel Osorio-Arenas and Raúl E. Carranza**

2012. Mariposas Papilionoidea y Hesperioidea (Insecta: Lepidoptera) de la Isla Majé, Comarca Guna de

- Madungandí, Panamá. *Tecnociencia* (Panama) 14(2): 39-53, 47 figs., 1 tab. (3 September) [general]
- Santos, Angelo Augusto dos**  
1992. See Bierregaard, R. O., Jr., 1992.
- Santos, Anna Thiciane Freitas, and Laura Carolina Leal**  
2019. My plant, my rules: bodyguard ants of plants with extrafloral nectaries affect patterns of pollinator visits but not pollination success. *Biological Journal of the Linnean Society* 126(1): 158-167, 2 figs. (January; published online 3 December 2018) [general; Brazil]
- Santos, Augusto Portugal**  
1958. Hábitos de *Ageronia feronia catablymata* Fruhstorfer, 1916 (Lepidoptera, Nymphalidae). *Revista brasileira de Entomologia* (São Paulo) 8: 225-229, 6 figs., 1 tab. (15 May) [behavior; Brazil]
- Santos, Bráulio A., and Julieta Benítez**  
2012. Insect herbivory and leaf disease in natural and human disturbed habitats: Lessons from early-successional *Heliconia* herbs. *Biotropica* 44(1): 53-62, 5 figs., 1 tab. (January; published online 9 March 2011) [*Caligo*, *Opsiphanes*; host plants; Mexico]
- Santos, Celia María**  
1994. *Catálogo de los insectos recolectados por la Comisión Científica del Pacífico (1862-1865)*. Madrid, Consejo Superior de Investigaciones Científicas. (Manuales Técnicos de Museología, vol. 5). 196 pp., 6 tabs., 1 graph (March) [general; Panama, South America]  
1998. See Izquierdo, I. et al., 1998.
- Santos, Didac, Synthia Sánchez, Adriana Fuentes and Eraldo Medeiros Costa-Neto**  
2006. Etnoentomología en el Municipio San Antonio Cuaxomulco, Tlaxcala, México: Un estudio de caso sobre los diferentes usos que se le dan a los "insectos". *Sitientibus (Ciências Biológicas)* 6(Etnobiología): 72-79, 2 figs., 5 tabs. [*Eucheira socialis* Westwood, *Aegiale* (*Acentrocne*) *hesperiaris* (Walker), *Catastica*]
- Santos, Elza Maria Guimarães**  
1998. See Piratelli, A. J. et al., 1998.
- Santos, Elson Soares dos**  
1984. See Choairy, S. A. et al., 1984.
- Santos, Emili Bortolon dos**  
2013a. See Favretto, M. A. et al., 2013a.  
2013b. See Favretto, M. A. et al., 2013b.  
2014a. See Piovesan, M. et al., 2014.  
2014b. See Favretto, M. A. & E. B. dos Santos, 2014.  
2015. See Favretto, M. A. et al., 2015.  
2016. See Orlandin, E. et al., 2016.  
2017. See Favretto, M. A. & E. B. dos Santos, 2017.  
2018. See Favretto, M. A. et al., 2018.
- Santos, Ethiane Rozo dos**  
2019. See Ribeiro, B. M. et al., 2019.
- Santos, Ethiane Rozo dos, Lucas Boeni de Oliveira, Lenen Peterson, Daniel Ricardo Sosa-Gómez, Bergmann Morais Ribeiro and Daniel Mendes Pereira Ardisson de Araújo**  
2018. The complete genome sequence of the first hesperiid-infecting alphabaculovirus isolated from the leguminous pest *Urbanus proteus* (Lepidoptera: Hesperidae). *Virus Research* 249: 76-84, 6 figs. (2 April; published online 20 March) [Brazil]
- Santos, Eurico de Oliveira** [1883-1968]  
1933a. Inimigos de [sic] doenças das fruteiras. *Laranja-Citrus* sp. *O Campo* (Rio de Janeiro) 4(5): 17-21, 14 figs. (May) [*Papilio* spp.; life history; Brazil]  
[1933]b. *Inimigos e doenças das fruteiras*. Rio de Janeiro, Biblioteca Agrícola d'O Campo. 81 pp., 92 figs. [general; Brazil]
- 1942a. Borboletas. *Fauna* (São Paulo) 1(8): 6-7, 4 figs. (August) [general; Brazil]
- 1942b. Vida, paixão e morte das borboletas. *Fauna* (São Paulo) 1(9): 6-8, 6 figs. (September), (10): 44-45, 1 fig. (October) [general; Brazil, Bolivia]
1954. Os animais selvagens. Aproveitamento - Cativoiro - Amansamento - Domesticação. Cap. xxvii - (continuação). Criação de borboletas. *Chácaras e Quintais* (São Paulo) 89(6): 737-738, 1 fig. (15 June) [*Morpho anaxibia* (Esper); Brazil]
- Santos, Fábio Luis dos**  
2014. See Thiele, S. C. et al., 2014.
- Santos, Fábio Luis dos, Fernando Maia Silva Dias, Luis Anderson Ribeiro Leite, Diego Rodrigo Dolibaina, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**  
2014. Taxonomic notes on some species of *Euselasia* Hübner, [1819] from the "Uriiformes" group, with the description of the immature stages of *Euselasia satyroides* Lathy, 1926, stat. rev. (Lepidoptera: Riodinidae: Euselasiinae). *Zootaxa* 3869(5): 501-522, 73 figs. (3 October) [egg, larva, pupa, adult; host plant; South America]
- Santos, Germi Porto**  
1986. See Anjos, N. dos et al., 1986.  
1989. See Zanuncio, J. C. et al., 1989.  
1990. See Zanuncio, J. C. et al., 1990.  
1993a. See Zanuncio, J. C. et al., 1993a.  
1993b. See Zanuncio, J. C. et al., 1993b.  
1993c. See Zanuncio, J. C. et al., 1993c.  
2001. See Vukusic, P. et al., 2001.
- Santos, Germi Porto, José Cola Zanuncio, Dalva Luiz de Queiroz Santana and Teresinha Vinha Zanuncio**  
1993. *Descrição das lagartas desfolhadoras*, pp. 12-66, figs. 1-45. In: Zanuncio, J. C. (Ed.), *Manual de pragas em florestas. Lepidoptera desfolhadores de eucalipto: Biologia, ecologia e controle*. Viçosa, IPEF/SIF [*Euselasia apisaon* (Dalman); life history; host plants; predator; Brazil]
- Santos, Gilberto Marcos de Mendonça**  
1992. See Marques, O. M. et al., 1992.  
2009. See Bichara Filho, C. C. et al., 2009.
- Santos, Honório Roberto dos, and Miguel Antonio Loyola da Rocha**  
1981. Controle natural da lagarta das palmeiras (*Brassolis sophorae* L., 1759) Lep. Brassolidae, por doenças virulentas e parasitismo de *Xanthozona melanopyga* (Wied., 1830) Dip. Tachinidae. *Revista do Setor de Ciências Agrárias* (Curitiba) 3(2): 155-157, 2 tabs. [host plant; Brazil]
- Santos, Helena L. de Souza**  
1954a. See Edwards, G. A. et al., 1954.  
1954b. See Edwards, G. A. et al., 1954.
- Santos, Isabel Alves dos**  
2015. See Pansarin, E. R. et al., 2015.
- Santos, Izailda Barbosa dos**  
2018a. See Lopes, M. C. et al., 2018.  
2018b. See Ribeiro, A. V. et al., 2018.
- Santos, Jean Carlos**  
2016. See Cornelissen, T. G. et al., 2016.
- Santos, Jeane Dayse Veloso dos**  
2016. See Monteiro, E. da S. et al., 2016.
- Santos, Jessie Pereira dos**  
2012. See Bellaver, J. et al., 2012.

2013. See Freitas, A. V. L. et al., 2013.
2014. See Herkenhoff, E. V. et al., 2014.
2015. See Freitas, A. V. L. et al., 2015a.
- 2016a. See Freitas, A. V. L. et al., 2016b.
- 2016b. See Freitas, A. V. L. et al., 2016c.
2018. See Freitas, A.V. L. et al., 2018c
- Santos, Jessie Pereira dos, André Victor Lucci Freitas, Keith Spalding Brown Jr., Junia Yasmin Oliveira Carreira, Patrícia Eyng Gueratto, Augusto Henrique Batista Rosa, Giselle Martins Lourenço, Gustavo Mattos Accacio, Márcio Uehara-Prado, Cristiano Agra Iserhard, Aline Richter, Karine Gawlinski, Helena Piccoli Romanowski, Nicolás Oliveira Mega, Melissa Oliveira Teixeira, Alfred Moser, Danilo Bandini Ribeiro, Poliana Felix Araujo, Bruno Karol Cordeiro Filgueiras, Douglas Henrique Alves Melo, Inara Roberta Leal, Marina do Vale Beirão, Sérgio Pontes Ribeiro, Elaine Cristina Barbosa Cambuí, Rodrigo Nogueira de Vasconcelos, Márcio Zikán Cardoso, Márlon Paluch, Roberto Rezende Greve, Júlio Cesar Voltolini, Mauro Galetti, André Luis Regolin, Thadeu Sobral Souza and Milton Cezar Ribeiro**
2018. Atlantic butterflies: a data set of fruit-feeding butterfly communities from the Atlantic forests. *Ecology* 99(12): 2875 (December; published online 31 October) [general; Brazil]
2019. Fruit-feeding butterflies from the Atlantic forests. *Bulletin of the ecological Society of America* 100(1)(e01484): 1-5, 4 figs. (2 January) [general; Brazil]
- Santos, Jessie Pereira dos, André Victor Lucci Freitas, Pedro de Araújo Lima Constantino and Márcio Uehara-Prado**
- [2014]a. *Guia de identificação de tribos de borboletas frugívoras. Monitoramento da biodiversidade. Amazônia.* Brasília, Ministério do Meio Ambiente. [7] pp., figs. [general; Brazil]
- [2014]b. *Guia de identificação de tribos de borboletas frugívoras. Monitoramento da biodiversidade. Cerrado.* Brasília, Ministério do Meio Ambiente. [7] pp., figs. [general; Brazil]
- [2014]c. *Guia de identificação de tribos de borboletas frugívoras. Monitoramento da biodiversidade. Mata atlântica norte.* Brasília, Ministério do Meio Ambiente. [7] pp., figs. [general; Brazil]
- [2014]d. *Guia de identificação de tribos de borboletas frugívoras. Monitoramento da biodiversidade. Mata atlântica sul.* Brasília, Ministério do Meio Ambiente. [7] pp., figs. [general; Brazil]
- Santos, Jessie Pereira dos, Cristiano Agra Iserhard, Junia Yasmin Oliveira Carreira and André Victor Lucci Freitas**
2017. Monitoring fruit-feeding butterfly assemblages in two vertical strata in seasonal Atlantic Forest: temporal species turnover is lower in the canopy. *Journal of tropical Ecology* 33(5): 345-355, 6 figs., 1 tab. (September; published online 2 November) [general; Brazil]
- Santos, Jessie Pereira dos, Cristiano Agra Iserhard, Melissa Oliveira Teixeira and Helena Piccoli Romanowski**
2011. Fruit-feeding butterflies guide of subtropical Atlantic forest and Araucaria moist forest in the State of Rio Grande do Sul, Brazil. *Biota neotropica* 11(3): 253-274, 17 figs., 1 tab. (27 April) [general]
- Santos, Jessie Pereira dos, Onildo João Marini-Filho, André Victor Lucci Freitas and Márcio Uehara-Prado**
2016. Monitoramento de borboletas: o papel de um indicador biológico na gestão de unidades de conservação. *Biodiversidade brasileira* 6(1): 87-99, 1 fig. [general; Brazil]
- Santos, Jesus Marden dos**
1975. See Brunini, O. & J. M. dos Santos, 1975.
- Santos, João Ubiratan Moreira dos**
2017. See Silva, E. O. et al., 2017.
- Santos, José**
1940. Plantas de nuestra flora que capturan insectos. *Revista geográfica americana* (Buenos Aires) 13(78): 203-206, 4 figs. (March) [Hesperiidae; Argentina]
1944. Plantas de nuestra flora que capturan insectos. *Suelo argentino* 26: 52-54, 4 figs. [Hesperiidae; Argentina]
1956. La *Mandevilla laxa* y los insectos que con mayor frecuencia captura en Buenos Aires. *Boletín de la Sociedad argentina de Horticultura* 15: 71-75, 1 fig. [*Hylephila phylaeus* Evans; Argentina]
- Santos, José Higinio Ribeiro dos**
1976. See Vieira, F. V. et al., 1976.
1990. See Singh, S. R. et al., 1990.
- Santos, José Simplicio dos**
2014. See Martins, D dos S. et al., 2018.
- Santos, Juliana Rodrigues**
2013. See Rios, G. G. et al., 2013.
- Santos, Leandro Mattos, and Luiz Roberto Ribeiro Faria Júnior**
2011. The taxonomy's new clothes: a little more about the DNA-based taxonomy. *Zootaxa* 3025: 66-68 (14 September) [*Astraptus*]
- Santos, Marcelo Henrique dos**
2018. See Martínez, L. C. et al., 2018.
- Santos, Márcio Luiz Moura**
2017. See Mairink, S. Z. et al., 2017.
- Santos, Maria J.**
2019. See Jezeer, R. E. et al., 2019.
- Santos, Mary Janice, Isabel Cristina Sobreira Machado and Ariadna Valentina Lopes**
2005. Biologia reprodutiva de duas espécies de *Jatropha* L. (Euphorbiaceae) em Caatinga, Nordeste do Brasil. *Revista brasileira de Botânica* (São Paulo) 28(2): 361-373, 3 figs., 3 tabs. (June) [Pieridae]
- Santos, Odília Maria de Lima**
1974. See Cavalcante, R. D. et al., 1974.
- Santos, Paulo Eusébio Rubbo dos**
1991. See Brown, K. S., Jr. et al., 1991.
1995. See Brown, K.S., Jr. et al., 1995.
- Santos, Pérsio de Souza**
- 1954a. See Edwards, G. A. et al., 1954.
- 1954b. See Edwards, G. A. et al., 1954.
- Santos, Ricardo Henrique Silva**
2015. See Mapeli, N. C. et al., 2015.
- Santos, Sonia Barbosa dos**
2000. See Otero, L. S. et al., 2000.
- Santos, Sonia Barbosa dos, Claudia Leal Rodrigues, Gleisse Kelly Meneses Nunes, Amilcar Brum Barbosa, Luiz Eduardo Macedo de Lacerda, Igor Christo Miyahira, Tiago Abreu Viana, Jaqueline Lopes de Oliveira, Francielle Cardoso Fonseca and Patrícia do Socorro de Campos da Silva**
2010. Estado do conhecimento da fauna de invertebrados não-marinhos da Ilha Grande (Angra dos Reis, RJ). *Oecologia australis* 14(2): 504-549, 4 figs., 1 tab.

- (June) [general; Brazil]
- Santos, Suzane Evaristo dos**  
2017. See Seixas, R. da R. et al., 2017.
- Santos, Talita Pereira**  
2019. See Lourenço, G. M. et al., 2019.
- Santos, Wildio Ikaró da Graça.**  
2017. See Pérez, J. H. et al., 2017b.
- Santos, Wildio Ikaró da Graça, Luis Anderson Ribeiro Leite, Luziany Queiroz-Santos and Mirna Martins Casagrande**  
2016. External morphology of the adult of *Stalactis phlegia susanna* (Fabricius, 1787) (Lepidoptera: Riodinidae). *Shilap* 44(176): 653-674, 46 figs. (30 December) [Brazil]
- Santos, Walter J.**  
1989. See Hohmann, C. L. et al., 1989.
- Santos, Wildio Ikaró da Graça**  
2019. See Sousa, W. O. de et al., 2019.
- Santos-Cividanes, Terezinha Monteiro**  
2012. See Lara, R. I. R. et al., 2012.
- Santos-Prezoto, Helba Helena**  
2006. See Prezoto, F. et al., 2006.
- Santoyo, Carmen**  
2013. See Polo, J. et al., 2013.
- Sanzana, María-José, Luis Eduardo Parra, Hugo Alejandro Benítez and Jaime Espejo**  
2012. Entomofauna polinizadora de *Eucalyptus nitens* en huertos semilleros del centro sur de Chile. *Bosque* (Valdivia) 33(1): 25-31, 2 figs., 3 tabs. [*Colias vauthierii* Guérin-Méneville]
- Sanzana, María-José, Luis Eduardo Parra, Einer Sepúlveda and Hugo Alejandro Benítez**  
2013. Latitudinal gradient effect on the wing geometry of *Auca coctei* (Guérin) (Lepidoptera, Nymphalidae). *Revista brasileira de Entomologia* 57(4): 411-416, 4 figs., 4 tabs. (December; published online 20 December) [Chile]
- Sañudo-Restrepo, Claudia P.**  
2019. See Toussaint, E. F. A. et al., 2019.
- São Leão, Luciene Campos, Bárbara de Sá-Haiad, Ana Tereza de Araujo Rodarte, Rafael Ribeiro Pimentel, Cristine Rodrigues Benevides, Lygia Dolores Ribeiro de Santiago-Fernandes and Heloisa Alves de Lima**  
2019. Reproductive biology of two synchronopatric neotropical species of *Epidendrum* (Orchidaceae). *Flora* (Jena) 251: 95-104, 7 figs., 2 tabs. (February; published online 11 January) [Hesperiidae; Brazil]
- Saraiva, Luiz Sergio**  
1996. See Neves, L. L. de M. et al., 1996.
- Saranathan, Vinodkumar, Chinedum O. Osuji, Simon G. J. Mochrie, Heeso Noh, Suresh Narayanan, Alec Sandy, Eric R. Dufresne and Richard O. Prum**  
2010. Structure, function, and self-assembly of single network gyroid (I<sub>4</sub>/32) photonic crystals in butterfly wing scales. *Proceedings of the national Academy of Sciences of the United States of America* 107(26): 11676-11681, 5 figs. (29 June) [*Parides sesostris* (Cramer), *Cyanophrys herodotus* (Fabricius); morphology]
- Saravia, Raúl, Alejandro Bonifacio and Antonio Gandarillas**  
2013. *Las feromonas en el MIP-Quinua: Estado actual de la investigación y difusión*, pp. 399-406, 13 figs. In: Vargas, M. (Ed.), *Memoria. Congreso Científico de la Quinua*. La Paz, Gráfica Leal. (July) [*Tatochila theodice* (Boisduval); host plant; Bolivia]
- Sardesai, J. B.**  
1970. See Crouzel, I. S. de et al., 1970.
- Saribay, Selahattin Adil** [1978- ]  
2019. See Kleisner, K. & S. A. Saribay, 2019.
- Sariego, Orlando**  
2010. See Frago, E. et al., 2010.
- Sarlet, Laurent G.** [1907-1983]  
1953. Sur le jaune du genre *Colias*. *Lambillionea* 53(11/12): 86-93 (25 December) [general; zoogeography; ecology; evolution; Neotropics]  
1972. Papillons d'automne au Brésil. *Revue verviétoise d'Histoire naturelle* 29(4/6): 35-40, 1 fig. (April-June) [general; behavior]  
1982. Trois genres bien distincts chez les Pieridae (*Pontia-Pontieuchloia-Synchloe*). *Lambillionea* 82(1/2): 3-7, 4 pls. (25 May) [*Synchloe protodice* (Boisduval & Le Conte); Mexico]
- Sarmiento, Carlos E.**  
1993. Una nueva especie de *Trichogramma* (Hymenoptera: Trichogrammatidae) de los Andes de Colombia. *Revista colombiana de Entomología* 19(1): 3-5, 2 figs. (January-March) [*Colias dimera* Doubleday; host plant; parasitoid]  
2007. See Andrade, M. G. et al., 2007.  
2012. See Pérez, A. et al., 2012.  
2015. See Aguirre, H. et al., 2015.
- Sarmiento, Mariza Araceli**  
2006. See Mendoza, M. et al., 2006.
- Sarmiento-Galán, A.**  
2005. See Castrejón-Pita, A. A. et al., 2005.
- Sarosta, Paul**  
2001. See Vesco, J.-P. & P. Sarosta, 2001.
- Sarria, Félix**  
2019. See Carranza, A. et al., 2019.
- Sartoratto, Adilson**  
2007. See Alves, M. N. et al., 2007.  
2012. See Arab, A. et al., 2012.
- Sartório, Robert Cardoso**  
1989. See Zanuncio, J. C. et al., 1989.
- Sasaki, Akira**  
2006. See Kawaguchi, I. & A. Sasaki, 2006.
- Sasaki, Akira, Isao Kawaguchi and Akira Yoshimori**  
2002. Spatial mosaic and interfacial dynamics in a Müllerian mimicry system. *Theoretical Population Biology* 61(1): 49-71, 6 figs. (February) [*Heliconius*]
- Sasamori, Márcio Hisayuki**  
2018. See Endres Júnior, D. et al., 2018.
- Sastre, Claude**  
1991. See Lescure, J. et al., 1991.
- Sattler, Klaus**  
1991. A review of wing reduction in Lepidoptera. *Bulletin of the British Museum (Natural History) (Entomology)* 60(2): 243-288, 60 figs. (19 December) [*Eucheira socialis* Westwood; Mexico]  
2003. See Vilorio, Á. L. et al., 2003.
- Sauer, Henrique Floriano Galante** [1910-1986]  
1947. Constatação de himenópteros e dípteros entomófagos no Estado de São Paulo. *Boletim fitossanitário* (Rio de Janeiro) 3(1): 7-23 ("March 1946", 1947) [*Ascia monuste orseis* (Godart), *Papilio anchisiades capys* Hübner, Ithomiinae, *Opsiphanes*, *Goniurus* sp., *Brassolis astyra* Godart; host plants; parasitoids; predators; Brazil]
- Sauer, Peter**  
2001. The Monarch versus the global empire. *Orion* 20(2): 42-48, figs. [*Danaus plexippus* (Linnaeus);



- conservation; Mexico]
- Saunders, Joseph Lloyd** [1935-2003]  
 1984. See King, A. B. S. & J. L. Saunders, 1984.  
 1995. See Coto, D. et al., 1995.  
 2001. See Coto, D. & J. L. Saunders, 2001.  
 2004. See Coto, D. & J. L. Saunders, 2004.
- Saunders, Joseph Lloyd, Andrew B. S. King and Carlos Vargas**  
 1983. Plagas de cultivos en América Central. Una lista de referencia. *Boletín técnico. Centro agronómico tropical de Investigación y Enseñanza* (Turrialba) 9: 90 pp. [general; host plants]
- Saunders, Sarah P., Leslie Ries, Naresh Neupane, María Isabel Ramírez, Eligio García, Eduardo Rendón and Elise F. Zipkin**  
 2019. Multiscale seasonal factors drive the size of winter monarch colonies. *Proceedings of the national Academy of Sciences of the USA* 116(17): 8609-8614, 4 figs. (23 April; published online 18 March) [*Danaus plexippus* (Linnaeus); Mexico]
- Saunders, William Wilson** [1809-1879]  
 1850. On some new species of *Erycina*. *Transactions of the entomological Society of London* 5(9): 215-229, pls. 20-21, 23 (8 February) [general; *E. dysonii*, *E. psecas*, *E. jurgensenii*, *E. calpharnia*, *E. glaphyra*, *E. pandama*, *E. tedeia*, *E. julia*, *E. montezuma*, *E. inca*, *E. timandra*; Mexico, Central and South America]  
 1859. On the genus *Erycina*, Linn., with descriptions of some new species. *Transactions of the entomological Society of London* (2)5(3): 94-110, pls. 10-11 (3 October) [general; *Euerycina*, *Zaeonia* (sic) *amazon*, *Zeonia bogota*, *Z. batesii*, *Z. heliconoides*, *Erycina huana*, *E. atahualpa*, *E. huascar*, *E. etias*, *E. colubra*, *E. eryxo*, *E. ocollo*, *E. calphurnia*, *Necyria hewitsonii*, *N. manco*, *N. tapaja*, *Lyropteryx lyra*; Brazil, Colombia, Peru]
- Saunders, William Wilson, and Henry Walter Bates**  
 1866. ["Heliconiae" of Cayenne]. *Proceedings of the entomological Society of London* (3)5(3): iii (2 July) [general]
- Saur, E., D. Imbert, J. Etienne and D. Mian**  
 1999. Insect herbivory on mangrove leaves in Guadeloupe: effects on biomass and mineral content. *Hydrobiologia* 413: 89-93, 2 figs., 2 tabs. (15 October) [*Junonia evarete* (Stoll); host plant]
- Saura, Anja O.**  
 2007a. See Brown, K. S., Jr. et al., 2007a.  
 2007b. See Brown, K. S., Jr. et al., 2007b.  
 2012. See Brown, K. S., Jr. et al., 2012.  
 2013. See Saura, A. et al., 2013.
- Saura, Anssi**  
 2007a. See Brown, K. S., Jr. et al., 2007a.  
 2007b. See Brown, K. S., Jr. et al., 2007b.  
 2012. See Brown, K. S., Jr. et al., 2012.
- Saura, Anssi, Barbara von Schoultz, Anja O. Saura and Keith Spalding Brown, Jr.**  
 2013. Chromosome evolution in Neotropical butterflies. *Hereditas* 150(2/3): 26-37, 1 tab. (June; published online 18 July) [general]
- Sausen, Carla Daniele, Jaderson dos Anjos Toledo, Fernanda Ferreira, Rafael Egewarth, Pedro Rosalino and Sônia Thereza Bastos Dequech**  
 2007. Controle de *Ascia monuste orseis* (lep. pieridae) através de inseticidas botânicos, em laboratório. *Revista brasileira de Agroecologia* 2(2): 1119-1122, 1 tab. [host plant; Brazil]
- Savage, Wesley K.**  
 2011. See Mullen, S. P. et al., 2011.  
 2014. See Gallant, J. R. et al., 2014.  
 2017. See Moya, R. S. de et al., 2017.
- Savini, Vilma**  
 2013. See Contreras, Y. et al., 2013.
- Sawaya, Alexandra Christine Helena Frankland**  
 2013. See Cardoso-Gustavson, P. et al., 2013.
- Sawaya, Paulo** [1903-1995]  
 1954a. See Edwards, G. A. et al., 1954.  
 1954b. See Edwards, G. A. et al., 1954
- Saxton, John Edwin** [1927- ]  
 1975. The pyrrolizidine alkaloids. *Alkaloids* 5: 77-86. [Danainae]
- Sayer, Jeffrey A.**  
 1996. See Harcourt, C. S. & J. A. Sayer, 1996.
- Sazima, Ivan**  
 2006. See Agostini, K. et al., 2006.
- Sazima, Marlies**  
 2000. See Varassin, I. G. & M. Sazima, 2000.  
 2001. See Singer, R. B. & M. Sazima, 2001.  
 2002. See Sigrist, M. R. & M. Sazima, 2002.  
 2004. See Figueiredo, R. A. de & M. Sazima, 2004.  
 2006a. See Agostini, K. et al., 2006.  
 2006b. See Rocca, M. A. & M. Sazima, 2006.  
 2008. See Machado, I. C. S. & M. Sazima, 2008.  
 2012. See Varassin, I. G. & M. Sazima, 2012.
- Sbordoni, Valerio** [1942- ]  
 1975. See Racheli, T. & V. Sbordoni, 1975.  
 1997. See Forestiero, S. & V. Sbordoni, 1997.
- Sbordoni, Valerio, and Saverio Forestiero**  
 1985. *The World of Butterflies*. Dorset, Blandford Press. 312 pp., 112 pls., figs., tabs. [Ed. 2, 1988] [general]
- Scaglia, Mirounildes, Márcia Regina Brochetto-Braga, José Chaud-Netto and Nivar Gobbi**  
 2003. Haemolymph electrophoretic pattern of *Ascia monuste orseis* larvae (Lepidoptera: Pieridae) parasitized by *Cotesia glomerata* (Hymenoptera: Braconidae). *Journal of venomous Animals and Toxins including tropical Diseases* 9(1): 89-103, 2 figs. [host plant; Brazil]
- Scalco, Vanessa Willems**  
 2015. See Mega, N. O. et al., 2015.
- Scalco, Vanessa Willems, Ana Beatriz Barros de Moraes, Helena Piccoli Romanowski and Nicolás Oliveira Mega**  
 2016. Population dynamics of the swallowtail butterfly *Battus polystictus polystictus* (Butler) (Lepidoptera: Papilionidae) with notes on its natural history. *Neotropical Entomology* 45(1): 33-43, 5 figs., 1 tab. (February; published online 20 November 2015) [Brazil]
- Scaramuzza, Luis Cayetano** [1901-1980]  
 1929. Los gusanos de las hierbas que atacan la caña de azúcar en Cuba. *Memoria. Conferencia anual. Asociación de Técnicos azucareros de Cuba* 3: 119-124 (December) [*Perichares corydon* [sic] (Fabricius); host plant]  
 1941. Insects and other animals attacking sugar cane in Cuba. *Proceedings. Annual Conference. Asociación de Técnicos azucareros de Cuba* 14: 105-127 ("December 1940", 1941) [*Perichares corydon* [sic] (Fabricius)]  
 1945a. See Bruner, S. C. et al., 1945.  
 1945b. *Los insectos y otros animales que atacan a la caña de azúcar en Cuba*, pp. 529-563, 19 figs. In: *La Caña de*

- Azúcar. La Habana, Ministerio de Agricultura. [Hesperiidae]
1946. Los gusanos de las hierbas que atacan la caña de azúcar en Cuba. *Informes técnicos. Instituto cubano de Suelos y Abonos* 5(1): 835-839 (November) [*Perichares corydon* [sic] (Fabricius); host plants]
1951. Relación de los insectos y otros animales que atacan a la caña de azúcar en Cuba. *Folleto misceláneo. Oficina de Estudios especiales. Secretaría de Agricultura y Ganadería* (México) 4: 292-302 (October) [general; Hesperiidae]
1975. See Bruner, S. C. et al., 1975.
- Scaramuzza, Luis Cayetano, and Francisco Valdés**
1960. A list of insects and animals affecting sugarcane in Cuba. *Proceedings of the Congress of the international Society of Sugar Cane Technologists* 10: 994-1000. [Hesperiidae; parasitoids, predators]
- Scatoni, Iris Beatriz**
1996. See Bentancourt, C. M. & I. B. Scatoni, 1996.
2002. See Bentancourt, C. M. & I. B. Scatoni, 2002.
- Schabel, Hans G.**
2010. *Forest insects as food: a global review*, pp. 37-64, 7 pls., 1 tab. In: Durst, P. B., D. V. Johnson, R. N. Leslie & K. Shono (Eds.), *Forest insects as food: humans bite back*. Bangkok, Food and Agriculture Organization of the United Nations. [*Eucheira socialis* Westwood; Mexico]
- Schade, Franz H.**
1925. Eine Sammelexcursion nach den Bergen von Central-Paraguay. *Entomologische Rundschau* 42(2): 6-7 (15 February), (3): 9-10 (15 March), (4): 13 (15 April) [general; ecology]
1926. Jenseits des Towatiry. *Entomologische Rundschau* 43(6): 23-24 (15 June), (7): 28 (15 July), (8): 31-32 (15 August), (9): 36 (15 September), (11): 43-44 (15 November), (12): 45-48 (15 December) [general; Paraguay]
1927. Am Serro Pelado. *Entomologische Rundschau* 44(7): 25-26 (15 July) [general; Paraguay]
1928. Die Kolonie Independentia [sic] als Sammelgebiet. *Entomologische Rundschau* 45(1): 2-3 (15 January), (2): 6-7 (15 February), (3): 10 (15 March), (4): 13 (15 April), (5): 19 (15 May) [general; Paraguay]
1930. Im Quellgebiet des Monday. *Entomologische Rundschau* 47(2): 6-7 (15 February), (3): 12 (15 March), (4): 16 (15 April) [general; Paraguay]
- 1932a. Winter in den Subtropen. *Entomologische Rundschau* 50(15): 192-194 (1 August), (16): 200-201 (15 August) [general; Paraguay]
- 1932b. Entomologische Plauderei. *Entomologische Rundschau* 50(20): 265-268 (15 October) [general; Paraguay]
1935. Im Gran-Chaco Paraguayo. *Entomologische Rundschau* 52(2): 15-20 (15 January), (3): 25-28 (1 February), (4/5): 44-47 (1 March) [general]
1937. In den Bergen des Amambay. *Entomologische Rundschau* 55(3): 32-36 (15 October), (4): 42-44 (22 October), (5): 48-49 (1 November) [general; ecology; Paraguay]
1944. Notas entomológicas. *Revista de la Sociedad científica del Paraguay* 6(3): 3-6. [new taxa: *Chlorippe vacuna* form *albofasciata*, *Callicore clymena* aberration *splenditissima*, *C. c.* variety *heinrichi*; Paraguay]
1950. Papilioniden Paraguays. *Entomologische Zeitschrift* 60(23): 182-184 (1 March) [general; host plants; behavior]
1952. Die Morphos von Paraguay. *Entomologische Zeitschrift* 62(14): 105-107 (15 October) [general; life histories; behavior]
1954. Los papiliónidos como plaga de los citrus. *Paraguay industrial y comercial* 10(123): 59-65 (November) [*Papilio* spp.; host plants; Paraguay]
- Schaefer, Bernardo, and Alberto Breyer**
1942. Lista de lepidópteros de Catamarca y algunas observaciones. *Revista de la Sociedad entomológica argentina* 11(3): 221-229, 1 map (31 January) [general; behavior; Argentina]
1945. Segunda lista de lepidópteros de Catamarca. *Revista de la Sociedad entomológica argentina* 12(4): 327-329 (28 February) [general; Argentina]
- Schäffler, Oliver**
2007. *Eine neue Unterart von Morpho theseus Deyrolle, 1860 aus Mexiko*. In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World* 30: 1-2, 3 figs. (12 September) [*M. t. utae*]
2014. Eine neue Unterart von *Archaeoprepona camilla* (Godman & Salvin, 1884). Lepidoptera: Nymphalidae, Preponini. *Notes on Butterflies* (Keltern) 7: 1, 4, 9 figs. (25 April) [*A. c. frankenbachi*; Ecuador]
- Schäffler, Oliver, and Thomas Frankenbach**
2008. Vier [sic] neue Unterarten der Gattung *Morpho* Fabricius, 1807. *Notes on Butterflies* (Keltern) 1: 1-4, 6 figs. (28 October) [*M. telemachus athena*, *M. t. persephone*, *M. amphitryon lisethi*, *M. theseus xena*, *M. helenor dufeki*; Brazil, Colombia, Costa Rica]
- 2009a. *Nymphalidae* XV. *Morpho l.* In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World* 30: 1-15, pls. 1-74 (29 July) [new subspecies: *Morpho (Iphimedeia) theseus bugaensis*, *M. (l.) t. neoescalantei*; new form: *M. (l.) t. juturna* form *argentumi*; Central and South America]
- 2009b. Fünf neue Unterarten der Gattung *Morpho* Fabricius, 1807. *Notes on Butterflies* (Keltern) 3: 1-8, 24 figs. (17 December) [*M. telemachus jongerlingi*, *M. t. lutzi*, *M. sulkowskyi zachi*, *M. cypris johnsoni*, *M. cisseyi rumbucheri*; Peru, Colombia]
- 2010a. *The genus Morpho*. *Morpho hercules*, *Morpho telemachus*, *Morpho richardus*, *Morpho amphitryon*. In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World. Supplement 18*. Keltern, Goecke & Evers. 13 + [3] + [1] pp., 107 pls., 4 figs. (6 July) [general; South America]
- 2010b. *Nymphalidae* XVIII. *Morpho ll.* In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World* 33: 1-4, pls. 1-36 (16 July) [general]
- 2011a. Neue Unterarten von *Morpho helenor* (Cramer, 1776), *Papilio (Pterourus) garamas* (Geyer, 1829) und *Eurytides dioxippus* (Hewitson, 1856) (Lepidoptera: Nymphalidae, Papilionidae). *Notes on Butterflies* (Keltern) 4: 1, 4-7, 17 figs. (11 April) [*M. h. caldarai*, *P. (P.) g. faisthuberi*, *P. (P.) g. moehni*, *E. d. flotti*; Venezuela, Costa Rica, Mexico]
- 2011b. *Nymphalidae* XX. *Anaeomorpha*, *Noreppa*, *Archaeoprepona l.* In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World* 35: 1-10, pls. 1-45 (19 December) [general; new subspecies: *N. chromus macaraoensis*, *N. c. marankiariensis*, *A. amphimachus costaricana*, *A. a. esmeraldica*, *A. a. araguaensis*, *A. demophon dominici*, *A. d. niklasi*; Central and South America]
- Schäffler, Oliver, Thomas Frankenbach and Viktor Dufek**
2011. Eine neue Unterart von *Morpho theseus* Deyrolle, 1860, sowie zwei neue Unterarten von *Morpho cypris* Westwood, 1851 (Lepidoptera: Nymphalidae:

- Morphinae). *Notes on Butterflies* (Keltorn) 5: 5-8, 6 + 8 figs. (8 August) [*M. t. chirripoensis*, *M. c. limonensis*, *M. c. ceibaensis*; Costa Rica, Honduras]
- Schär, Sämi, Rodney Eastwood, Kimberly G. Arnaldi, Gerard Talavera, Zofia A. Kaliszewska, John H. Boyle, Marianne Espeland, David R. Nash, Roger Vila and Naomi E. Pierce**
2018. Ecological specialization is associated with genetic structure in the ant-associated butterfly family Lycaenidae. *Proceedings of the Royal Society of London* (B) 285(1886)(20181158): 1-7, 3 figs., 1 tab. (12 September) [general]
- Schaller, Johann Gottlob** [1734-1813]
1785. Beiträge zur Geschichte exotischer Papilions. *Naturforscher* (Halle) 21: 173-179, pls. 4-5 ([before 20 September]) [new species: *Papilio marcus*]
1788. Fortgesetzte Beiträge zur Geschichte exotischer Papilions. *Naturforscher* (Halle) 23: 49-53, pl. 1 ([before 25 July]) [new species: *Papilio dion*]
- Schappert, Phillip J.**
1997. The nature of monarch butterflies: beauty takes flight by Eric S. Grace. 1997. *News of the Lepidopterists' Society* 39(4): 76. [*Danaus plexippus* (Linnaeus); migration; Mexico; book review]
2000. *A world for butterflies. Their lives, behavior and future*. Buffalo, Firefly Books. 320 pp., figs. [general]
2001. Butterfly buffet. *Natural History* (New York) 110(6): 46-49, figs. (July-August) [general; behavior; Ecuador, Peru, Costa Rica]
- 2004a. Photo essay... leafwings (Charaxinae). *News of the Lepidopterists' Society* 46(1): 36, 8 figs. (1 April) [*Anaea troglodyta* (Fabricius); Jamaica]
- 2004b. *The last monarch butterfly. Conserving the monarch butterfly in a brave new world*. Buffalo, Firefly Books. xiii + 113 pp., figs. [*Danaus plexippus* (Linnaeus)]
2005. The flight of the "royal butterfly". *News of the Lepidopterists' Society* 47(4): 124-125, 127, 5 figs. (25 November) [*Danaus plexippus* (Linnaeus); migration; Mexico]
2006. Lifestyles of the scaled and beautiful: Variegated and Mexican fritillaries. *American Butterflies* 14(3/4): 34-42, figs. [*Euptoieta*; Jamaica; life histories; host plants]
2015. See Shahani, P. C. et al., 2015.
- Schappert, Phillip J., and Joel S. Shore**
1995. Cyanogenesis in *Turnera ulmifolia* L. (Turneraceae). I. Phenotype distribution and genetic variation for cyanogenesis on Jamaica. *Heredity* 74: 392-404, 6 figs., 6 tabs. [*Euptoieta hegesia* (Cramer); host plant]
1998. Ecology, population biology and mortality of *Euptoieta hegesia* Cramer (Nymphalidae) on Jamaica. *Journal of the Lepidopterists' Society* 52(1): 9-39, 6 figs., 8 tabs. (15 June)
- 1999a. Cyanogenesis, herbivory and plant defense in *Turnera ulmifolia* on Jamaica. *Ecoscience* 6(4): 511-520, 4 figs., 7 tabs. [*Euptoieta hegesia* (Cramer); host plants]
- 1999b. Effects of cyanogenesis polymorphism in *Turnera ulmifolia* on *Euptoieta hegesia* and potential *Anolis* predators. *Journal of chemical Ecology* 25(6): 1455-1479, 2 figs., 8 tabs. (June) [host plant; Jamaica]
2000. Cyanogenesis in *Turnera ulmifolia* L. (Turneraceae): II. Developmental expression, heritability and cost of cyanogenesis. *Evolutionary Ecology Research* 2: 337-352, 3 figs, 4 tabs. [*Euptoieta hegesia* (Cramer); host plant; Jamaica]
- Schatz, Ernst** [1844-1887]
- 1885-88. II. Theil. *Die Familien und Gattungen der Tagfalter systematisch und analytisch bearbeitet*. In: Staudinger, O. and E. Schatz (Eds.), 1884-92, *Exotische Schmetterlinge*. Fürth, G. Löwensohn. 2(1): 1-32, pls. 1-10 (December 1885), (2): 33-92, pls. 11-16 (December 1886), (3): 93-136, pls. 17-26 (September 1887), (4): 137-180, pls. 27-34 (October 1888) [general; host plants; larvae, pupae, imagines; morphology; zoogeography; new genera: *Phyllocharis*, *Heteroscada*, *Orophila*, *Pyrrhanaea*, *Polygrapha*; Neotropics]
- Schauenberg, Paul**
1981. *Panorama de la vie animale. Les papillons*. Genève, Editions de l'Agora, S. A. [56] pp., 103 figs. [general]
- Schauer, Caroline L.**
2009. See Binetti, V. R. et al., 2009.
- Schauff, Michael E.**
2000. A new genus and species of Eulophidae (Hymenoptera) from Costa Rica with notes on the genus. *Proceedings of the entomological Society of Washington* 102(2): 403-407, 6 figs. (11 April) [*Mnasicles hicetaon* Godman]
- Schau, William** [1859-1942]
- 1884a. Descriptions of the early stages of some Mexican Lepidoptera. *Papilio* 3(7/10): 186-189 (January) [general; larvae, pupae; host plants]
- 1884b. Early stages of Mexican Lepidoptera. *Papilio* 4(5): 100-103 ([22 July]) [*Papilio* spp., *Smyrna* spp.; larvae, pupae; host plants]
1890. New species of Mexican Lepidoptera. *Entomologica americana* 6(1): 18-20 (January) [*Caria melicerta*, *Lasaia sessilis*, *Theope eupolis*, *T. bacenis*]
- [1893]. [A note]. *Entomological News* 5(1): 17 ("January 1894", [28 December 1893]) [*Eunica tatila* (Herrich-Schäffer), *E. monima* (Cramer); Cuba, Mexico]
- 1898a. [A note]. *Entomological News* 9(4): 96 (30 March) [*Thecla telea* Hewitson, *Anaea portia* (Fabricius); Brazil, Central America, Mexico, República Dominicana]
- 1898b. Two new species of *Hesperocharis*. *Entomological News* 9(9): 215 (31 October) [*H. jaliscana*, *H. paranensis*; Mexico, Brazil]
1901. New species of Geometridae from tropical America. *Transactions of the american entomological Society* 27(31/35): 241-276 (June-July) [*Hyphedyle cascaria*, *H. paularia*, *H. albida*; Mexico, Brazil]
1902. Descriptions of new American butterflies. *Proceedings of the United States national Museum* 24(1262): 383-460 (1 March) [*Dircenna hugia*, *Leucothyris manora*, *Episcada pascua*, *E. carcinia*, *Pteronymia minna*, *P. calgiria*, *P. carlia*, *P. ilsia*, *Ithomia salcata*, *Callolera tosca*, *Euptychia ocelloides*, *E. castrensis*, *E. narapa*, *E. moneca*, *E. burgia*, *E. morima*, *E. pallega*, *E. borasta*, *Lymanopoda varola*, *Narope marmorata*, *Acraea ozinta*, *A. dognini*, *A. mitama*, *A. surima*, *A. quadra*, *Eresia crina*, *Phyciodes fellula*, *P. sejona*, *P. brancodia*, *P. orticas*, *P. carigia*, *Adelpha goyama*, *A. barnesia*, *Chlorippe laurona*, *Eurygona cucuta*, *E. micaela*, *E. rasonea*, *E. tarinta*, *Mesosemia mathania*, *M. friburgensis*, *Lymnas* (?) *pelta*, *Symmachia eurina*, *S. satema*, *Eucora* (new genus) *sanarita*, *Charis incoides*, *C. dukinfieldia*, *Chamaelimnas joviana*, *C. similis*, *Mesene strigulata*, *M. martha*, *Baeotis bacaenita*, *Calydna zea*, *Caria tabrenthia*, *Apodemia multiplaga*, *Hamearis dovina*, *Lepricornis tristis*, *Lemonias malca*, *Ithomeis lauronia*, *Stalactis sontella*, *S. stellidia*, *Lycaena griqua*, *L. cogina*, *Thecla giapor*,

- T. xorema*, *T. carla*, *T. nugar*, *T. atrana*, *T. talama*, *T. normahal*, *T. malta*, *T. vomiba*, *T. vieca*, *T. rickmani*, *T. zurkvitz*, *T. epopeoides*, *T. conoveria*, *T. curtira*, *T. tella*, *T. chaluma*, *T. taminella*, *T. rana*, *T. muattina*, *T. binangula*, *T. bolima*, *T. polama*, *T. foyi*, *T. aritides*, *T. echinita*, *T. guadala*, *T. tígona*, *T. illex*, *T. hostis*, *T. gentilla*, *T. guzanta*, *T. fostera*, *T. farmina*, *T. lanckena*, *T. chilica*, *T. humber*, *Leodonta marginata*, *Pieris sublineata*, *Papilio socama*, *Jemadia paulensis*, *J. brevipennis*, *Eudamus callicina*, *E. janita*, *E. pithys*, *Thymele subvirescens*, *T. grenadensis*, *Telegonus janeira*, *T. hurga*, *Nascus orima*, *N. orita*, *Telemiades megalloides*, *Cecropterus ochrilinea*, *Grais choricus*, *Lignyostola cydana*, *Pellicia bipuncta*, *P. vecina*, *P. capitans*, *Cyclosemia trigonilla*, *Eudamidas obscurior*, *Gorgythion beggoides*, *G. marginata*, *Anisochoria subpicta*, *Staphylus scoramus*, *S. anginus*, *S. minor*, *S. tadus*, *S. terrens*, *S. alicus*, *S. subapicatus*, *Helioptetes purgia*, *H. sublinea*, *Chiomara marthona*, *Thanaos austerus*, *Butleria arpia*, *Atrytone urqua*, *A. paranensis*, *A. brasina*, *Thymelicus bahiensis*, *Augiades chalcone*, *A. anita*, *A. tania*, *A. turbis*, *A. (?) aligula*, *Prenes diduca*, *Niconiades merendula*, *Phemiades jamaicensis*, *Cobalus fortis*, *C. rastaca*, *C. arita*, *Eutyichide astiga*, *E. petrovna*, *E. barnesi*, *Thoon lugens*, *Rhinthon bomax*, *R. tanaris*, *Euroto etelka*, *E. purgis*, *E. coler*, *E. ritans*, *Phlebodes chittara*, *P. gulata*, *P. metonidia*, *P. fartuga*, *Oeonus garima*, *Phanis cumbre*, *P. tavola*, *Mucia matalma*, *Catia minaya*, *Euphyes menopis*, *Mnasalcas amatala*, *Papias tristissimus*, *P. ctyanus*, *P. sobrinus*, *Lerodea tesera*, *Vehilius almoneus*, *V. carasta*, *V. chinta*, *Megistias eorius*, *M. ranesus*, *M. polistion*, *M. monestes*, *M. miaba*, *M. chula*, *M. vanilla*, *M. gispara*, *M. vorgia*, *M. sancoya*, *M. carinna*, *M. jamaca*, *M. (?) corescene*, *Lerema coyana*, *L. stacara*, *L. elgina*, *Padraona sartia*, *P. calcarea*, *P. (?) radiata*, *Hesperia (?) sucova*, *H. (?) altama*, *H. (?) caligula*, *H. (?) misera*, *Callimormus diaeses*, *C. verames*, *Mnestheus petrovna*, *Cymaenes nux*, *C. dubitans*, *C. intermedia*, *C. occulta*, *Flaccilla (?) coatepeca*, *F. (?) ergola*, *Thracides orusca*, *T. bajula*, *T. biserta*, *Perichares triplaga*; Neotropics]
- 1911a. A new *Papilio* from Florida and one from Mexico. *Entomological News* 22(10): 438-439 (29 November) [*P. lopiusa*]
- 1911b. A quoi sert le mimétisme? *Procès. I Congrès international d'Entomologie* (Bruxelles), pp. 295-304. [general; Neotropics]
1912. New species of Heterocera from Costa Rica. XVII. *Annals and Magazine of natural History* (8)10(57): 286-311 ([1] September) [*Phellinodes gratiosa*]
- 1913a. New species of Erycinidae from Costa Rica. *Annals and Magazine of natural History* (8)11(63): 298-303 (1 March) [*Mesosemia cachiana*, *M. esperanza*, *Xenandra nigrivenata*, *Mesene mygdon*, *Phaenochitonina ignipicta*, *Pachythone nigriciliata*, *Echenais petronia*, *Nymphidium lenocinium*, *Theope phineus*]
- 1913b. New species of Rhopalocera from Costa Rica. *Proceedings of the zoological Society of London* 1913(3): 339-367, pls. 50-54 (1 September) [general; *Napeogenes hemisticta*, *Pteronymia fumida*, *P. godmani* (new name), *Ithomia bolivari*, *Euptychia drymo*, *E. agnata*, *Catargynnis dryadina*, *Heliconius galanthus* aberration *subrufescens*, *Eupetoleta* (sic) *poasina*, *Eresia sticta*, *Phyciodes dora*, *Eubagis hecuba*, *Perisama barnesi*, *Victorina steneles* aberration *stygiata*, *Eurygona mystica*, *E. leucon*, *E. leucophryna*, *E. matuta*, *Mesosemia albipuncta*, *Hermathena oweni*, *Corrachia* (new genus) *leucoplaga*, *Charis subtessellata*, *C. turrialbensis*, *Thecla hypocrita*, *T. subflorens*, *T. leos*, *T. melma*, *T. guapila*, *T. amphrade*, *Archonias intermedia*, *Pieris limona*, *Acmepteron poasina*, *Enantia lua costaricensis*, *Telemiades mnemon*, *Nascus phintias*, *Cyclosaemia subcaerulea*, *Echelatus lucina*, *Ate canace*, *Bolla sodalis*, *B. machuca*, *Butleria lethaea*, *B. lysis*, *Lerodea (?) rupilius*, *Styriodes* (new genus) *lyco*, *Rhinthon luctatus*, *Cobalus nigrans*, *C. laureolus*, *C. lateranus*, *C. pindar*, *Cobalopsis latonia*, *Oenus nausiphanes*, *Megistias xantho*, *Vorates cotiso*, *Molo nebrophone*, *M. (?) apella*, *Carystus subrufescens*, *Epinosis* (new genus), *Falga (?) hermione*]
1918. A new *Agrias* from Guatemala (Nymphalidae, Lep.). *Entomological News* 29(10): 387-388 (14 December) [*A. rodriguezii*]
- 1920a. Synonymy of some species of *Thecla* (Lepid.). *Entomological News* 31(6): 176 (12 June) [general]
- 1920b. New species of Lepidoptera in the United States National Museum. *Proceedings of the United States national Museum* 57(2307): 107-152 (15 June) [*Pedaliodes maria*, *Eueides asidia*, *Panara elegans*, *Prestonia* (new genus) *clarki*, *Pieris kuschei*; Guatemala, Mexico]
- 1920c. Description of two new species of butterflies from tropical America. *Journal of the Washington Academy of Sciences* 10(15): 434-435 (19 September) [*Anaea suprema*, *Actinote calderoni*; Brazil, El Salvador]
- 1927a. New species of Lepidoptera from South America. *Proceedings of the entomological Society of Washington* 29(4): 73-82 (18 May) [*Calydna hemis*; Brazil]
- 1927b. New species of Heterocera [sic] (Lepidoptera) from Central and South America. *Proceedings of the entomological Society of Washington* 29(8): 185-186 (10 December) [*Dismorphia broomeae robinsoni*; Venezuela]
- 1927c. Results of a day's work. *Proceedings of the entomological Society of Washington* 29(8): 190 (10 December) [general; Neotropics]
1928. New species of Lepidoptera in the United States National Museum. *Proceedings of the entomological Society of Washington* 30(3): 46-58 (24 April) [*Papilio belus camposia*, *Morpho cora*, *Hermathena dativa*, *Sarota estrada*, *Panara brevilinea*, *Chalodeta speusippa*, *Xenandra desor*, *Emesis cronina*, *E. vimena*, *Stalachtis trangeri*; Central and South America]
- Schaus, William, and Theodore Dru Allison Cockerell**
1923. Three new forms of Rhopalocera from Colombia and a new geometrid moth from Madeira (Lepid.). *Proceedings of the entomological Society of Washington* 25(7/8): 162-164 (26 November) [*Ceratinia coeno angustior*, *Callicore ducei*, *Helicopsis medialis*]
- Scheffers, Brett R.**
2018. See Dufour, P. C. et al., 2018.
- Schemske, Douglas W.**
1976. Pollinator specificity in *Lantana camara* and *L. trifolia* (Verbenaceae). *Biotropica* 8(4): 260-264, 1 fig., 3 tabs. (December) [general; Costa Rica]
1983. *Lantana camara* (Cinco Negritos, *Lantana*), pp. 266-268, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press.

- [general; Costa Rica]
- 1988a. See Horvitz, C. C. & D. W. Schemske, 1988a.
- 1988b. See Horvitz, C. C. & D. W. Schemske, 1988b.
1990. See Horvitz, C. C. & D. W. Schemske, 1990.
- Schemske, Douglas W., and Carol C. Horvitz**
1984. Variation among flower visitors in pollination ability: a precondition for mutualism specialization. *Science* 225(4661): 519-521, 1 tab. (3 August) [*Eurybia elvina* Stichel, *Heliconius ismenius* Latreille, *Astraptes* sp.; Mexico]
1988. Plant-animal interactions and fruit production in a Neotropical herb: a path analysis. *Ecology* 69(4): 1128-1137, 5 figs., 4 tabs. (August) [*Eurybia elvina* Stichel; host plant; Mexico]
- Schenk, Franziska**
2009. Nature's fluctuating colour captured on canvas?. *International Journal of Design & Nature and Ecodynamics* 4(3): 274-284, 8 figs. (2 September) [*Morpho*; physics; art]
- Schenk, Franziska, and Andrew Richard Parker**
2011. Iridescent colors: From nature to the painter's palette. *Leonardo* (Oakland) 44(2): 108-115, frontisp., 4 figs. (published online 11 April) [*Morpho rhetenor* (Cramer), *M. sulkowskyi* Kollar, *M. didius* Hopffer; physics; art]
- Schenone, Nahuel Francisco**
2015. See Avigliano, E. & N. F. Schenone, 2015.
- Scherer, Karla Zanenga**
1996. See Castellani, T. T. et al., 1996.
- Scherer, Steven E.**
2012. See Dasmahapatra, K. K. et al., 2012.
- Scherer-Neto, Pedro**
1999. *Floresta atlântica. Fauna*, pp. 26-51, figs. In: Ravazzani, C., J. P. Fagnani & Z. Koch (Eds.), *Mata atlântica. Atlantic rain forest*. Curitiba, Natugraf. [general; Brazil]
- Scherrer, Scheila, Ivone Rezende Diniz and Helena Castanheira de Moraes**
2010. Climate and host plant characteristics effects on lepidopteran caterpillar abundance on *Miconia ferruginata* DC. and *Miconia pohliana* Cogn (Melastomataceae). *Brazilian Journal of Biology* 70(1): 103-109, 2 figs., 6 tabs. (28 February) [Hesperiidae, Riodinidae; Brazil]
- Scherrer, Scheila, Cintia Lequesneur, Marcos Costa Vieira, Mário Almeida-Neto, Lee A. Dyer, Matthew L. Forister and Ivone Rezende Diniz**
2016. Seasonal variation in diet breadth of folivorous Lepidoptera in the Brazilian cerrado. *Biotropica* 48(4): 491-498, 5 figs., 1 tab. (July; published online 30 March) [general; host plants]
- Scherzer, Carl (= Karl) Heinrich von** [1821-1903]
1856. See Wagner, M. F. & C. H. von Scherzer, 1856.
- Schiedeck, Gustavo**
2012. See Lovatto, P. B. et al., 2012.
- Schierbeek, Abraham** [1887-1974]
1917. On the setal pattern of caterpillars and pupae. *Onderzoekingen verricht in het zoölogisch Laboratorium der Rijksuniversiteit Groningen* 6: 1-157, pls. 1-5. [general]
1952. *Maria Sibylla Merian. Reproducties naar haar tekeningen van Surinaamse en Europese insecten met en beschrijving van haar leven & werken en een verklaring van de afbeeldingen*. Den Haag, L. J. C. Boucher. 24 pp., 24 pls. [general; history]
- Schiffman, Jessica D.**
2009. See Binetti, V. R. et al., 2009.
- Schifino, Maria Teresa**
1983. See Gus, R. et al., 1983.
- Schild, F. G.**
1876. Miscellen. Fünf Entwicklungsstände gleichzeitig.-Zirpende Insektenpuppen.-Darwinistische Erwägungen. *Stettiner entomologische Zeitung* 38(1/3): 85-97 (late November) [general; Argentina, Panama]
- Schilde, Johannes Gustav** [1839-1888]
- 1884-85. Beiträge und Unterhaltungen zur Schmetterlingskunde. *Entomologische Nachrichten* 10(22): 333-346 (November 1884), (23): 358-362 (December 1884), (24): 365-373 (December 1884); 11(2): 22-31 (January 1885), (4): 55-62 (February 1885), (7): 97-105 (April 1885), (9): 133-139 (May 1885), (11): 166-175 (June 1885) [*Colias pyrrhothea* (Hübner); Argentina]
- Schilling, Martin P., Sean P. Mullen, Marcus R. Kronforst, Rebecca J. Safran, Patrik Nosil, Jeffrey L. Feder Zachariah Gompert and Samuel M. Flaxman**
2018. Transitions from single- to multi-locus processes during speciation with gene flow. *Genes* 9(6)(274): 1-26, 9 figs., 3 tabs. (June; published online 24 May) [*Heliconius*; Costa Rica]
- Schintlmeister, Alexander**
2011. See Nieuwerkerken, E. J. van et al., 2011.
2016. Hajo B. P. E. Gernaat & Borgesius G. Beckles & Tinde van Andel: Butterflies of Suriname. A natural history. 2012. *Entomofauna* 37(26): [435] (4 January) [book review]
- Schinz, Heinrich Rudolph** [1777-1861]
1823. *Zehnte Ordnung der Insekten. Staubflügler. Lepidoptera Linn. Glossata Fabr.*, pp. 772-836. In: Cuvier, G., *Das Thierreich eingetheilt nach dem Bau der Tiere als Grundlage ihrer Naturgeschichte und der vergleichenden Anatomie*. Stuttgart und Tübingen, J. G. Cotta. 3: xviii + 933 pp. [general]
- Schirber, Emile** [1882-1932]
1931. Présentation d'un *Morpho menelaus* L. hermaphrodite (Lep.). *Procès-Verbaux des Séances de la Société linnéenne de Bordeaux* 82(1): 28-29 (15 January) [French Guiana]
- Schlater, David**
1890. Mittheilungen über den Schmetterlingsfang in Surinam. *Societas entomologica* 5(7): 49 (1 July), (8): 59-60 (15 July), (10): 73 (15 August), (11): 82 (1 September), (14): 106-107 (15 October) [general; ecology]
- Schleuning, Matthias**
2013. See Kambach, S. et al., 2013.
- Schlick-Souza, Eunice Cláudia**
2015. See Baldin, E. L. L. et al., 2015.
- Schlick-Souza, Eunice Cláudia, Edson Luiz Lopes Baldin and André Luiz Lourenção**
2011. Variation in the host preferences and responses of *Ascia monuste orseis* Godart (Lepidoptera: Pieridae) to cultivars of collar greens *Brassica oleracea* (L.) var. *acephala*. *Journal of Pest Science* 84(4): 429-436, 4 figs., 2 tabs. (December; published online 20 August) [host plant; Brazil]
- Sch lindwein, Clemens Peter**
2005. See Darrault, R. O. & C. P. Sch lindwein, 1975.
2008. See Nobre, C. E. B. et al., 2008.
2011. See Nobre, C. E. B. & C. P. Sch lindwein, 2011.
- 2012a. See Braun, M. et al., 2012.
- 2012b. See Nobre, C. E. B. & C. P. Sch lindwein, 2012.
- 2012c. See Nobre, C. E. B. et al., 2012.
- Sch lindwein, Clemens Peter, and Petrúcio Carlo Rodrigues de Medeiros**
2006. Pollination in *Turnera subulata* (Turneraceae):

- Unilateral reproductive dependence on the narrowly oligolectic bee *Protomeliturga turnerae* (Hymenoptera, Andrenidae). *Flora* (Jena) 201(3): 178-188, 9 figs., 3 tabs. (12 April) [*Nisoniades macarius* (Herrich-Schäffer), *Urbanus dorantes dorantes* (Stoll), *U. proteus proteus* (Linnaeus); Brazil]
- Schlottfeldt, Carlos Socias** [1919-1981]  
1944. Insetos encontrados em plantas cultivadas e comuns - Viçosa, Minas Gerais. *Ceres* (Viçosa) 6(31): 52-65 (September-October), (32): 108-127 (November-December) [general; host plants; Brazil]
- Schluter, Dolph**  
2012. See Conte, G. L. et al., 2012.
- Schmack, Alfred**  
1910. [Notes]. *Berliner entomologische Zeitschrift* 55(1/2): (2), (25) (early September) [general; Cuba]  
1911. [A note]. *Berliner entomologische Zeitschrift* 56(1/2): (8) (late August) [*Papilio* spp., *Clothilda* spp.; Cuba]
- Schmalz, Johann Paul** [1844-1915]  
1893. Entomologisches aus Südbrasilien. *Societas entomologica* 8(7): 52-53 (30 June), (8): 61 (15 July), (9): 68 (1 August) [general; ecology]
- Schmarda, Ludwig Karl** [1819-1908]  
1872. *Zoologie*. Wien, Wilhelm Braumüller. 2: xii + 584 pp., figs. 270-622. [general]  
1878. *Zoologie*. Wien, Wilhelm Braumüller. 2: xii + 727 pp., figs. 325-709. [Ed. 2] [general]
- Schmassmann, Walter** [1890-1971]  
1916a. [A note]. *Proceedings of the South London entomological & natural History Society* 1915-16: 85. [*Papilio homerus* Fabricius; Jamaica]  
1916b. [A note]. *Proceedings of the South London entomological & natural History Society* 1915-16: 132-133. [general; South America]
- Schmid, Joseph Karl** [1788-1854]  
1822. *Naturhistorische Beschreibung der Insekten. Zum gemeinnützigen Gebrauche systematisch bearbeitet*. München, im Verlage der lithographischen Kunst-Anstalt daselbst. [2] + x + 3-143 pp., 20 pls. [*Morpho*]
- Schmid, Michael** [1948-2018], and **Bradford Maxwell Endicott**  
1968. *Mariposas de Venezuela*. Copenhagen, L. Levison Junr. xi + 67 pp., 142 pls., 4 figs. [general; host plants; larvae, pupae, imagines; behavior; ecology]
- Schmid, Simone**  
2011. See Kamke, R. et al., 2011.
- Schmid, Simone, Rafael Kamke, Anne Zillikens and Josefina Steiner**  
2011. Flower visitors of *Aechmea nudicaulis* (Bromeliaceae): species richness, visitation frequency, and interactions in different habitats of southern Brazil. *Studies on neotropical Fauna and Environment* 46(2): 101-120, 10 figs., 3 tabs. (August; published online 28 June) [general; behavior]
- Schmid, Simone, Volker Simon Schmid, Rafael Kamke, Josefina Steiner and Anne Zillikens**  
2010. Association of three species of *Strymon* Hübner (Lycaenidae: Theclinae: Eumaeini) with bromeliads in southern Brazil. *Journal of Research on the Lepidoptera* 42: 50-55, 1 fig. (31 January) [*S. ziba* (Hewitson), *S. oreala* (Hewitson), *S. serapio* (Godman & Salvin); host plants]
- Schmid, Volker Simon**  
2010. See Schmid, S. et al., 2010.
- Schmidl, Jürgen, and Bruno Corbara**  
2005. IBISCA - Artenvielfalt der Boden- und Baumkronen-Arthropoden in einem tropischen Regenwald (San Lorenzo NP, Panama). *Entomologische Zeitschrift* 115(3): 104-108, 12 figs. (15 June) [general]
- Schmidt, B. Christian**  
2006. See Scott, J. A. et al., 2006.  
2011. See Nieukerken, E. J. van et al., 2011.
- Schmidt, Camila Angélica, and Eduardo Périco**  
2015. Borboletas (Lepidoptera, Papilionoidea e Hesperioidea), nas matas ripárias do Rio Taquari, Vale do Taquari, Rio Grande do Sul. *Destques Acadêmicos* (Lajeado) 7(3): 104-115, 2 figs., 2 tabs. [general; Brazil]
- Schmidt, Deise Graciele, Leila Cristina da Costa, Ábner Elpino-Campos and Elisete Ana Barp**  
2012. Diversidade de borboletas (Lepidoptera) na borda e no interior de um fragmento de mata, no Município de Seara – SC. *Saúde e Meio Ambiente* 1(2): 3-15, 5 figs., 3 tabs. (December) [general; Brazil]
- Schmidt, Ernesto**  
2003. See Schmidt-Mumm, E. W. et al., 2003.
- Schmidt, Fritz Ludwig**  
[1955?]. See Märker, H. & F. L. Schmidt, [1955?].
- Schmidt, Gerold, and Gerhard Zotz**  
2000. Herbivory in the epiphyte. *Vriesea sanguinolenta* Cogn. & Marchal (Bromeliaceae). *Journal of tropical Ecology* 16(6): 829-839, 4 figs., 1 tab. (November) [*Napaea eucharila* (Bates); host plant; Panama]
- Schmidt, Karen**  
2010. See Pinheiro, C. E. G. et al., 2010.
- Schmidt-Göbel, Hermann Maximilian** [1809-1882]  
1880. Bibliographisches. *Stettiner entomologische Zeitung* 42(1/3): 330-332 (late December) [with a note by C. A. Dohrn] [on J. C. Fabricius, 1781, q.v.]
- Schmidt-Koenig, Klaus** [1930- ]  
1985. Migration strategies of Monarch butterflies. *Contributions in marine Science* 27(suppl.): 787-798, 9 figs., 1 tab. (September) [*Danaus plexippus* (Linnaeus); Mexico]
- Schmidt-Lebuhn, Alexander N.**  
2007. See Döll, S. et al., 2007.
- Schmidt-Loske, Katharina**  
2010a. *Maria Sibylla Merian's "extremely costly" journey to nature's treasure house*, pp. 7-67, figs. In: Merian, M. S., *Insects of Surinam – Die Insekten Surinams – Les Insectes de Surinam. Metamorphosis Insectorum Surinamensium 1705*. Köln, Taschen. [general; history]  
2010b. *Plates with commentaries*, pp. 68-192, figs. In: Merian, M. S., *Insects of Surinam – Die Insekten Surinams – Les Insectes de Surinam. Metamorphosis Insectorum Surinamensium 1705*. Köln, Taschen. [general]
- Schmidt-Mumm, Ernesto Wolfgang** [1922-2000], **Ernesto Schmidt and Julián Adolfo Salazar**  
2003. Un viaje lepidopterístico a la Reserva Natural La Planada, Nariño, suroccidente de Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 81-89, 4 figs. (November) [general]
- Schmith, Karl** [1878-1945]  
1930. Wiederholte Begeutung bei Tagfaltern. *Entomologische Rundschau* 47(9): 36 (15 September) [*Morpho aega* (Hübner); Brazil]  
1931. Zwei bemerkenswerte Fälle von Parasitismus. *Entomologisches Jahrbuch* 40: 96-97. [*Catoblepia amphirhoe placita* Stichel; larvae; Brazil]
- Schmith, Karl, and Fritz Hoffmann**  
1931. Die Brassoliden des Municipis Joinville im Staate Sta. Catharina, Südbrasilien. *Entomologisches Jahrbuch*

40:150-153. [general; host plants; larvae, pupae, imagines; behavior; ecology]

**Schmitt, Jairo Lizandro**

2018. See Endres Júnior, D. et al., 2018.

**Schmitt-Brauner, Otto**

1913. Ein seltener *Papilio*. *Neue Heimat* (Porto Alegre) 2(2): 10-11, 1 fig. (1 February) [Brazil]

**Schmitter, Juan J.**

2009. See Maya, A. et al., 2009.

2011. See Maya, A. et al., 2011.

**Schnack, Friedrich** [1888-1977]

[ca. 1935]. *Das kleine Buch der Tropenwunder. Kolorierte Stiche von Maria Sibylla Merian*. Leipzig, Insel-Verlag (Insel-Bücherei, Nr. 351). [4] + 56 pp., pls. [general; Surinam]

1956a. *Maria Sibylla Merian. Die Reise nach Surinam 1699*. Stuttgart, Schuler Verlag. 64 pp., 11 pls., 1 map. [general]

[1956]b. *Aurora und Papilio. Roman der Schmetterlinge*. Zürich, Schweizer Druck- und Verlagshaus AG. 154 pp., pls. [general]

**Schnack, Friedrich, and Josef Bijok**

1955. *Fliegende Kleinodien*. Stuttgart, Schuler Verlag. 194 pp., 34 + 8 pls. [French Ed., 1955; English Eds. by Werner, A. & J. Bijok, London, André Deutsch Ltd.; 1956, 1965, 1970] [general; Neotropics]

**Schneider, Christopher J.**

2012. See Kronforst, M. R. et al., 2012.

**Schneider, David Hinrich** [1755-1826]

1785. *Nomenclator entomologicus oder systematisches Nahmen-Verzeichniss der bis jetzt bekannt gewordenen Insekten*. Stralsund, Christian Lorenz Struck. [ii] + 70 pp. ([25 July]) [general; published anonymously]

1792a. Herbsts Natur-System aller Insekten. Der Schmetterlinge fünfter Theil. *Neuestes Magazin für die Liebhaber der Entomologie* 1(4): 441-457 (December) [general; book review]

1792b. Lepidopterologische Bemerkungen. *Neuestes Magazin für die Liebhaber der Entomologie* 1(4): 471-477 (December) [new species: *Papilio chrysophthalmus* Boddaert; Surinam]

1794. Natursystem aller bekannten in- und ausländischen Insekten von Joh. Friedr. Wilh. Herbst. 1793. *Neuestes Magazin für die Liebhaber der Entomologie* 1(5): 635-640 (after 16 April) [general; book review]

1800. Verzeichniss einer Parthei Insekten welche am 6ten März 1800 zu Stralsund in öffentlicher Auction einzeln verkauft werden sollen. [Stralsund, Author]. 23 pp. [suppressed; ICZN, Opinion 1820; 1995] [general]

**Schneider, Dietrich** [1919-2008]

1975. Pheromone communication in moths and butterflies. *Advances in behavioral Biology* 15: 173-193, 10 figs. [general; biochemistry; physiology; behavior; morphology; host plants; Neotropics]

1980. Pheromone von Insekten: Produktion - Reception - Inaktivierung. *Nova Acta Leopoldina (Neue Folge)* 51(237): 249-278, 19 figs. [Danainae]

1982. See Boppré, M. H. & D. Schneider, 1982.

1984. *Insect olfaction - our research endeavor*, pp. 381-418, 17 figs. In: Dawson, W. W. & J. M. Enoch (Eds.), *Foundations of Sensory Science*. Berlin, Springer-Verlag. [*Lycorea ceres* (Cramer); Trinidad]

1987a. *Plant recognition by insects: a challenge for neuroethological research*, pp. 117-123. In: Labeyrie, V., G. Fabres & D. Lachaise (Eds.), *Insects - Plants*

Dordrecht, Dr. W. Junk Publishers. [*Heliconius*]

1987b. *The strange fate of pyrrolizidine alkaloids*, pp. 123-142, 11 figs. In: Chapman, R. F., E. A. Bernays & J. G. Stofferlano, Jr. (Eds.), *Perspectives in chemoreception and behavior*. New York, Springer-Verlag. [Ithomiinae, Danainae, *Heliconius*]

1988. See Schulz, S. et al., 1988.

1992. 100 years of pheromone research. An essay on Lepidoptera. *Naturwissenschaften* 79(6): 241-250, 6 figs., 1 tab. (June) [*Danaus*]

1993. Danaine butterflies: A didactic story about chemical ecology. *Science Series. Natural History Museum of Los Angeles County* 38: 19-28, 1 fig. 1 tab. (18 February) [general]

**Schneider, Dietrich, and Uta Seibt**

1969. Sex pheromone of the queen butterfly: electroantennogram responses. *Science* 164(3884): 1173-1174, 1 fig., 1 tab. (6 June) [*Danaus gilippus berenice* (Cramer), *Lycorea ceres ceres* (Cramer); biochemistry; Trinidad]

**Schneider, Friedrich Emil Robert** [1854- ]

1878. Die Schuppen an den verschiedenen Flügel- und Körpertheilen der Lepidopteren. *Zeitschrift für die gesamten Naturwissenschaften* 51: 1-59, pls. 1-3 (January-February) [general; Neotropics]

**Schneider, Hans** [1907-1943]

1937a. *Morpho catenarius* var. *argentinus*. Erlebnisse, Beobachtung und Erfahrungen mit diesem Falter in Uruguay. *Entomologische Rundschau* 54(16): 190-195 (22 January), (19): 232-240 (15 February)

1937b. Entomologische Naturereignisse in Uruguay. *Entomologische Rundschau* 54(43): 537-538 (15 August) [general; *Colias lesbia* variety *pyrrhothea* (Hübner); life history]

1937c. Fangreisen in Uruguay, La Sierra de las Animas. *Entomologische Rundschau* 55(9): 97-102 (1 December), (10): 109-112, 1 fig. (8 December), (11): 128-131 (15 December) [general; ecology]

1937d. Beschreibung zweier neuer Eryciniden der Gattung *Hamearis* Hbn. aus Uruguay. *Entomologische Rundschau* 55(12): 137-138 (22 December) [*H. montana*, *H. arenarum*]

1938a. Betrachtungen über die Faunengebiete Süduru-guays. *Entomologische Rundschau* 55(19): 202-204 (15 February), (20): 208-211 (22 February) [general]

1938b-39. Arazati. Fangausflug in Uruguay. *Entomologische Rundschau* 55(51): 589-593, 2 figs. (15 October 1938), (59): 695-698, fig. 3 (15 December 1938); 56(5): 34-38, figs. 4-5 (1 February 1939) [general]

1941a. Lichtfang mit verschiedenen Lichtquellen und andere Nachtfangmethoden in Südamerika. *Deutsche entomologische Zeitschrift "Iris"* 54: 35-46 (20 May) [*Callicore*]

1941b. Fangreisen in Uruguay. *Deutsche entomologische Zeitschrift "Iris"* 54: 46-70, 1 pl. (20 May) [general]

**Schnetter, Marie-Luise**

1999. See Elster, C. et al., 1999.

**Schnitzler, Hans-Ulrich**

2018. See Dolle, P. et al., 2018.

**Schober, Juliana**

2003. Borboletas da Mata Atlântica. *Ciência e Cultura* (São Paulo) 55(2): 10-11, 1 fig. (April) [general; Brazil]

**Schoefberger, Wolfgang**

2018. See Manno, N. et al., 2018.

**Schönitzer, Klaus**

2011. *Ein Leben für die Zoologie. Die Reisen und*

*Forschungen des Johann Baptist Ritter von Spix.* München, Allitera Verlag. 222 pp., 89 figs. (September) [*Sarbia xanthippe spixii* (Plötz); Brazil]

**Schöpf, Clemens** [1899-1970], **August Kottler and Wolf Reichert**

1939. Allantoin als Spaltstück des Pigments von Pieriden. *Justus Liebig's Annalen der Chemie* 539(2): 168-178. [*Catopsilia rurina* Felder, *C. argante* (Fabricius)]

**Schomburgk, Robert Hermann** [1804-1865]

1840. Observations on the migrations of certain butterflies in British Guiana. *Annals and Magazine of natural History* 7(42): 151 (1 April) [also in *Journal of Proceedings of the entomological Society of London* 1840/1846: 15-16 (1 April 1841)] [*Callidryas* spp.]

1847. *The history of Barbados; comprising a geographical and statistical description of the island; a sketch of the historical events since the settlement; and an account of its geology and natural productions.* London, Longman, Brown, Green and Longmans. xxi + 722 pp., figs. ([December]) [general; ecology]

**Schotman, Charles Y. L.**

1998. See Woodruff, R. E. et al., 1998.

**Schoultz, Barbara von**

2004. See Brown, K. S., Jr. et al., 2004.  
2007a. See Brown, K. S., Jr. et al., 2007a.  
2007b. See Brown, K. S., Jr. et al., 2007b.  
2012. See Brown, K. S., Jr. et al., 2012.  
2013. See Saura, A. et al., 2013.

**Schranz, M. Eric**

2015. See Edger, P. P. et al., 2015.

**Schreiner, Manfred**

2016a. See Zobl, S. et al., 2016a.  
2016b. See Zobl, S. et al., 2016b.

**Schreiter, Carlos Rodolfo** [1897-1942]

1919. Observaciones biológicas sobre lepidópteros. *Physis* (Buenos Aires) 4(18): 541 (19 December) [abstract; general; Argentina]

1925. Informe sobre una excursión a Tartagal, en febrero de 1925. *Boletín. Museo de Ciencias naturales. Universidad nacional de Tucumán* 1(6): 15-26, 24 figs., 1 map. [general; Argentina]

1926. Sphingidae. Estudio sobre las especies tucumanas de esta familia. *Boletín. Museo de Historia natural. Universidad nacional de Tucumán* 1(9): 1-24, 23 pls., 1 fig., 1 tab. [*Libythea carinenta* (Cramer), *Pieris monuste* (Linnaeus); host plants; migration; Argentina]

1930. Contribución al estudio biológico de los papilionídeos del Norte argentino y *Papilio argentinus* Jörg. (nueva especie). *Boletín. Museo de Historia natural. Universidad nacional de Tucumán* 2(5): 1-10, 8 pls. [general; life history; host plants]

1943. Notas entomo-biológicas y otras. *Acta zoologica Lilloana* 1: 7-44, 26 pls., 3 figs. ([28 December]) [edited by K. J. Hayward] [general; life histories; migrations; Argentina]

**Schremmer, Friedrich** [1914-1990]

1978. Zur Bionomie und Morphologie der Myrmekophilen Raupe und Puppe der neotropischen Tagfalter-Art *Haemaris erostratus* (Lepidoptera: Riodinidae). *Entomologica germanica* 4(2): 113-121, 11 figs. (February) [Colombia]

**Schriks, Chris**

1986a. See Celli, G. et al., 1986.  
1986b. See Ricci, F. M., 1986.

**Schroeder, Charles Arthur** [1913-2001]

1968. The jicama, a rootcrop from Mexico. *Proceedings of*

*the tropical Region. American Society for horticultural Science* 11: 65-71, 2 figs. (June) [*Thecla jebus* (Godart)]

**Schröder, Christoph Wilhelm Marcus** [1871- ?]

1897a. Miscellen zur Biologie von *Pyrameis huntera* Fabr. *Illustrierte Wochenschrift für Entomologie* 2(19): 291-294, 1 pl. (9 May) [general; host plant; larva, pupa, imago; distribution; Neotropics]

1897b. *Papilio hectorides* Esp. (Brasilien) in verschiedener Beleuchtung. *Illustrierte Wochenschrift für Entomologie* 2(31): 485-486, figs. 1-2 (1 April), (32): 497-500, figs. 3-4 (8 August) [host plant; larva, pupa, imago]

**Schroeder, Heinz G.**

1954. See Franz, E. & H. G. Schroeder, 1954.

1955. Eine Falter-Ausbeute aus dem westlichen Bolivien. (Ins. Lepid. Rhopal.). *Senckenbergiana biologica* 36(5/6): 329-338 (1 December) [general]

1994. See Mielke, O. H. H. & H. G. Schroeder, 1994.

1984. Bernard D'Abrera: Butterflies of South America. 1984. *Entomologische Zeitschrift* 94(16): 238 (15 August) [book review]

**Schroers, Paul A.**

1909. [A note]. *Entomological News* 20(4): 191 ([5] April) [*Hypna epigena* (sic) Herrich-Schäffer, *Anaea troglodyta* variety *cubana* (Druce); Cuba]

**Schröter, Johann Samuel** [1725-1808]

1776a. *Die zehente Abhandlung. Von dem Kohlschmetterling, und seinen Gattungen in Thüringen*, pp. 195-208, pl. 1, fig. 4. In: *Abhandlungen über verschiedene Gegenstände der Naturgeschichte*. Halle, J. Just Gebauers Witwe, und J. Jac. Gebauer. 1: [xxviii] + 488 pp., 3 pls. ([31 May]) [Surinam]

1776b. *Die eilfte Abhandlung. Von dem Argus unter den Papilionen und dessen Abänderungen in Thüringen*, pp. 209-228, pl. 1, figs. 1, 5. In: *Abhandlungen über verschiedene Gegenstände der Naturgeschichte*. Halle, J. Just Gebauers Witwe, und J. Jac. Gebauer. 1: [xxviii] + 488 pp., 3 pls. ([31 May]) [Surinam]

**Schrottky, Curt** [1874-1937]

1908. Blumen und Insekten in Paraguay. *Zeitschrift für wissenschaftliche Insektenbiologie* 4(1/2): 22-26, 47-52 (5 March), (3): 73-78 (26 March) [general; pollinators]

1909a. Hymenoptera nova. *Anales de la Sociedad científica argentina* 67(5): 209-228 (May) [*Papilio polydamas* (Linnaeus), *Opsiphanes crameri* Felder, *Brassolis sophorae* (Linnaeus); parasitoids; Paraguay]

1909b. Las mariposas argentinas. I.-Los papilionídeos. *Anales de la Sociedad científica argentina* 67(6): 249-294 (June) [general; host plants; parasitoids]

1909c. Blumen und Insekten in Paraguay. II. *Zeitschrift für wissenschaftliche Insektenbiologie* 5(7/8): 205-214 (20 August) [general; pollinators]

1909d. Die ersten Stände von *Papilio perrebus* Boisd. *Deutsche entomologische Zeitschrift "Iris"* 22(2/3): 133-134 (15 September) [host plant; egg, larva, pupa; Paraguay]

1909e. Blumen und Insekten in Paraguay. II. *Zeitschrift für wissenschaftliche Insektenbiologie* 5(9): 277-280 (20 September) [general; pollinators]

1909f. [Notes]. *Deutsche entomologische Zeitschrift* 1909(6): 797 (1 November) [also in *Entomologisches Vereinsblatt (Entomologische Rundschau)* 26(23): 43; 1 December] [Brassoliniinae, Heliconiinae; Central America, Colombia, Venezuela, Brazil]

1910. Der Wirt von *Pedinopelta* Kriechb. (Ichneumonidae). *Zeitschrift für wissenschaftliche Insektenbiologie* 6(11):



- 402 (15 November) [*Papilio* spp.; parasitoids; Argentina, Paraguay]
- Schubart, Herbert Otto Roger**  
1986. See Lovejoy, T. E. et al., 1986.
- Schubert, Gotthilf Heinrich von** [1780-1860]  
1837. *Die Geschichte der Natur als zweite, gänzliche umgearbeitete Auflage der Allgemeinen Naturgeschichte*. Erlangen, J. J. Palm und Ernst Enke. 3: vi + 593 pp., 11 pls. [general]
- Schütz, Viktor**  
1947. See Rüttimeyer, K. E. & V. Schütz, 1947.
- Schuler, Hannes, Glen R. Hood, Scott P. Egan and Jeffrey L. Feder**  
2016. Modes and mechanisms of speciation. *Reviews in Cell Biology and molecular Medicine* 2(3): 60-93, 3 figs., 2 tabs. (26 July) [*Heliconius*]
- Schuler, J. E.**  
1955. *Fliegende Kleinodien. Ein farbiges Falterbuch*. Stuttgart, Seewald & Schuler Verlagsgesellschaft. 194 pp., 42 pls. [general]
- Schull, J.**  
1987. See DeVries, P. J. et al., 1987.
- Schultz, Henry F.**  
1908. *Brassolis isthmia*, a lepidopterous insect highly injurious to cocoanut culture in the Panama Canal Zone. *Proceedings of the entomological Society of Washington* 10(3/4): 164-167 (14 June) [larva, pupa; behavior; parasitoids]  
1932. El peligro del "pilpinto" o "isoca de los repollos" y su repesión económica y eficaz. *Revista industrial y agrícola de Tucumán* 22(11/12): 313-316. [*Tatochila* (?) sp.; life history; Argentina]
- Schultz, Hildegard**  
1914. Das Pronotum und die Patagia der Lepidopteren. *Deutsche entomologische Zeitschrift* 1914(1): 17-42, 11 pls., 2 figs. (1 February) [general]
- Schultz, Thomas D.**  
[1989]. See Gilbert, L. E. et al., [1989].
- Schultz, Victor G. M.** [1891-1963]  
1928. Der Wedergang einer grossen englischen Schmetterlingssammlung. Das "Hill-Museum" in der Grafschaft Surrey. *Internationale entomologische Zeitschrift* 22(32): 297-302 (22 November) [general]
- Schultze-Rhonhof, Arnold** [1875-1948]  
1927a. Einige Beobachtungen über die Neigung zum Wandern bei den tagfliegenden Uraniden Kolumbiens. *Deutsche entomologische Zeitschrift "Iris"* 41(3): 187-195 (1 September) [general]  
1927b. Eine neue *Agrias*-Form aus Kolumbien. *Deutsche entomologische Zeitschrift "Iris"* 41(3): 195-196 (1 September) [*A. amydon* variety *nevadensis*]  
1927c. Berichtigungen. *Deutsche entomologische Zeitschrift "Iris"* 41(4): 235 (15 December) [general]  
1928a. Beobachtungen und Betrachtungen über zwei in ihrer Existenz gefährdete *Morpho*-Arten Kolumbiens, *Morpho rhodopteron* v. *nevadensis* und *Morpho sulkowskyi*. *Deutsche entomologische Zeitschrift "Iris"* 42(2): 246-248 (27 June), (3): 249-268, pls. 6-7, 1 fig. (25 September) [general; ecology; behavior]  
1928b. Eine weitere neue *Agrias*-Form aus Kolumbien. *Deutsche entomologische Zeitschrift "Iris"* 42(4): 329-330 (15 December) [*A. aedon* aberration *magdalenae*]  
1930a. Die ersten Stände von drei kolumbianischen hochandinen Satyriden. *Deutsche entomologische Zeitschrift "Iris"* 43(4): 157-165, pl. 3 (15 January) [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology]
- 1930b. Erlebnisse und vergleichende Betrachtungen von einer Kongo-Ubangi-Reise. *Deutsche entomologische Zeitschrift "Iris"* 44(4): 154-169 (31 December) [*Heliconius guarica* Reakirt, *Agrias beatifica* Hewitson; Colombia]  
1931. Eine neue Satyride aus der Sierra Nevada de Santa Marta (Kolumbien). *Deutsche entomologische Zeitschrift "Iris"* 45(1): 27-30, pl. 2 (31 March) [*Sabatoga nevadensis*]  
1933. Etwas über die Gattung *Catasticta* und ihre Verwandten. Biologische Studien auf dem Hochlande von Kolumbien. *Deutsche entomologische Zeitschrift "Iris"* 47(1): 35-39 (25 March) [general; ecology; behavior]  
1934. Nochmals *Morpho rhodopteron*. Eine Berichtigung. *Deutsche entomologische Zeitschrift "Iris"* 48(2): 53-54 (30 June) [ecology; Colombia, Venezuela]  
1935. Ueber die ersten Stände von *Catasticta flisa* H. Schäff. *Deutsche entomologische Zeitschrift "Iris"* 49(2): 52-54, 1 fig. (4 July) [host plant; larva, pupa; ecology; Ecuador]  
1937. Beobachtungen über andine, besonders westkolumbianische *Heliconius*-Arten. *Deutsche entomologische Zeitschrift "Iris"* 50(4): 160-166, pl. 4, 1 fig. (30 January) [general; host plants; eggs, larvae, pupae, imagines; ecology; mimicry]  
1938a. Ueber die ersten Stände zweier Rhopaloceren aus Ecuador. *Deutsche entomologische Zeitschrift "Iris"* 52(1): 36-43, 1 pl., figs. (15 May) [*Caligo atreus dentina* Druce, *Thecla coronata* Hewitson; host plants; eggs, larvae, pupae, imagines; behavior; ecology]  
1938b. Beobachtungen über *Agrias* und Beschreibung von zwei neuen Formen aus dieser Gattung von Ecuador. *Deutsche entomologische Zeitschrift "Iris"* 52(2): 92-95 (1 August) [general; *A. beatifica* aberration *herthae*, *A. b.* aberration *tiemanniae*]  
1950. Pflanzengeographische Beobachtungen aus den Regenwäldern von Ecuador und den angrenzenden Gebieten von Colombia. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 75(2): 221-270. [general]
- Schulz, Gabriela**  
2017. See Roque, F. de O. et al., 2017.
- Schulz, Stefan** [1957- ]  
1992. Absolute configuration and synthesis of 2-hydroxy-2-(1-hydroxyethyl)-3-methyl- $\gamma$ -butyrolactone, a presumed pheromone of ithomiine butterflies. *Liebigs Annalen der Chemie* 1992: 829-834, 2 figs., 2 tabs. [*Prittwitzia hymenaea* (Prittwitz), *Callithomia hezia* (Hewitson)]  
2010. See Estrada, C. et al., 2010.  
2011. See Estrada, C. et al., 2011.  
2017a. See Mann, F. et al., 2017.  
2017b. See Darragh, K. et al., 2017.  
2019a. See Darragh, K. et al., 2019.  
2019b. See Stamm, P. et al., 2019.  
2019c. See Rosser, N. et al., 2019b.
- Schulz, Stefan, George William Beccaloni, Keith Spalding Brown, Jr., Michael Hans Boppré, André Victor Lucci Freitas, Peter Ockenfels and José Roberto Trigo**  
2004. Semiochemicals derived from pyrrolizidine alkaloids in male ithomiine butterflies (Lepidoptera: Nymphalidae: Ithomiinae). *Biochemical Systematics and Ecology* 32(8): 699-713, 3 figs., 1 tab. (August; published online

- 9 April) [general]
- Schulz, Stefan, George William Beccaloni, Ritsuo Nishida, Yves Roisin, Richard Irwin Vane-Wright and Jeremy N. McNeil**
1998. 2,5-Dialkyltetrahydrofurans, common components of the cuticular lipids of Lepidoptera. *Zeitschrift für Naturforschung* 53c(1/2): 107-116, 5 figs., 3 tabs. [general; Ithomiinae; Costa Rica, Ecuador, Brazil, Argentina]
- Schulz, Stefan, Catalina Estrada, Selma Yildizhan, Michael Hans Boppré and Lawrence Edmund Gilbert**
2008. An antiaphrodisiac in *Heliconius melpomene* butterflies. *Journal of Chemical Ecology* 34(1): 82-93, 5 figs., 3 tabs. (January; published online 12 December 2007) [host plant; Costa Rica]
- Schulz, Stefan, Wittko Ernst Georg Francke, John A. Edgar and Dietrich Schneider**
1988. Volatile compounds from androconial organs of danaine and ithomiine butterflies. *Zeitschrift für Naturforschung* 43c: 99-104, 2 figs., 1 tab. [*Prittwitzia hymenaea* (Prittwitz), *Mechanitis isthmia veritabilis* (Butler), *Tithorea harmonia* (Cramer); Argentina, Venezuela]
- Schulz, Stefan, Selma Yildizhan, Katja Stritzke, Catalina Estrada and Lawrence Edmund Gilbert**
2007. Macrolides from the scent glands of the tropical butterflies *Heliconius cydno* and *Heliconius pacheus*. *Organic & biomolecular Chemistry* 5(21): 3434-3441, 8 figs. (7 November; published online 18 September) [Costa Rica]
- Schulz, Wilhelm Albert** [1871- ?]
1896. [A note]. *Berliner entomologische Zeitschrift* 41(2/3): (19) (mid December) [Dismorphiinae, Heliconiinae; Brazil]
1897. [Notes]. *Berliner entomologische Zeitschrift* 42(1/2): (10), (19) (mid November) [general; Brazil, Colombia]
1904. Dipteren als Ektoparasiten an südamerikanischen Tagfaltern. *Zoologischer Anzeiger* 28(2): 42-43 (13 September) [*Morpho achilles* (Linnaeus), *Helicopis acis* (Fabricius), *H. cupido* (Linnaeus); Brazil]
- Schulze, Christian H.**
2014. See Binz, H. et al., 2014.
- Schulze, Franz Eilhard** [1840-1921], and **Willy Georg Kühnenthal**
- 1926-54. *Nomenclator animalium generum et subgenerum*. Berlin, Preussischen Akademie der Wissenschaften. 1(1): [iii] + 160 pp. (10 March 1926), (2): 161-320 (15 May 1926), (3): 321-476 (10 August 1926), (4): i-clx (30 October 1926), (5): clxi-cccxxxvi + [iii] (30 December 1926); 2(6): 477-636 (23 May 1927), (7): 673-796 (12 October 1927), (8): 797-956 (29 February 1928), (9): 957-1116 (31 August 1928), (10): 1117-1298 + [iii] (27 March 1929); 3(11): 1299-1458 (5 May 1929), (12): 1459-1618 (28 March 1930), (13): 1619-1778 (7 October 1930), (14): 1779-1938 (15 April 1931), (15): 1939-2098 (8 October 1931), (16): 2099-2184 + [iii] (3 August 1932); 4(16, continued): 2185-2248 (3 August 1932), (17): 2249-2408 (10 June 1933), (18): 2409-2568 (25 November 1933), (19): 2569-2728 (3 July 1934), (20): 2729-2888 (8 March 1935), (21): 2889-2988 + [iii] (11 December 1935); 5(21, continued): 2989-3052 (11 December 1935), (22): 3053-3212 (8 October 1936), (23): 3213-3372 (3 September 1937), (24): 3373-3532 (30 August 1938), (25): 3533-3692 (27 January 1940), (26): 3693-3717 (26 April 1954) [parts 1-20 edited by T. Kuhlitz, 21-25 by R. Hesse and 26 by S. von Kéler] [general]
- Schulze, Johann Dominicus** [1752-1790]
1776. Beiträge zur Kenntniss seltner Insecten. Zweytes Stück. *Naturforscher* (Halle) 9: 99-110, pl. 2. [new species: *Papilio claudia*, *P. iphigenia*; Surinam]
- Schulze, Leopold Ernst Paul** [1887-1949]
1913. *Pedinopelta gravenhorsti* Guér. als Parasit von *Papilio anchisiades capys* Hb. *Internationale entomologische Zeitschrift* 6(49): 351 (8 March) [Brazil]
- Schuster, Wilhelm** [1880-1942]
- 1927a. Die Falterwelt der Galapagos-Inseln. Neue entomologische Erforschung der berühmten Inselgruppe im fernsten Weltmeer. *Entomologische Rundschau* 44(2): 7-8 (15 February) [general]
- 1927b. See Müller, M. & W. Schuster, 1927.
- Schutte, Carol W.**
2005. See Shuey, J. A. et al., 2005.
- Schwab, Sharon**
1988. Faunal checklist of the Aripo Savannas (Scientific Reserve). *Living World* 1987-1988: 6-13 (August) [general; Trinidad]
- Schwanwitsch, Boris Nikolaevich** [1899-1957]
1924. On the ground-plan of wing-pattern in nymphalids and certain other families of the rhopalocerous Lepidoptera. *Proceedings of the zoological Society of London* 1924(2): 509-528, 4 pls. (9 July) [general; Neotropics]
1925. On a remarkable dislocation of the components of the wing-pattern in the satyrid genus *Pierella*. *Entomologist* 58(750): 266-269, 8 figs. (November)
- 1926a. On the modes of evolution of the wing-pattern in nymphalids and certain other families of the rhopalocerous Lepidoptera. *Proceedings of the zoological Society of London* 1926(2): 493-508, 3 pls., 1 fig. (15 July) [general; Neotropics]
- 1926b. The evolution of the wing-pattern in Rhopalocera. *Proceedings of the entomological Society of London* (A) 1(1): 4-5 (3 November) [general]
1928. Studies upon the wing-pattern of *Pierella* and related genera of South American satyridan butterflies. *Zeitschrift für Morphologie und Oekologie der Tiere* (A) 10(2/3): 433-532, pls. 10-13, 6 figs. (21 April) [general]
1929. Two schemes of the wing-pattern of butterflies. *Zeitschrift für Morphologie und Oekologie der Tiere* (A) 14(1): 36-58, 16 figs. (12 March) [general]
- 1930a. Studies upon the wing-pattern of *Catagramma* and related genera of South American nymphalid butterflies. *Transactions of the zoological Society of London* 21(2): 105-284, pls. 8-12, figs. 13-30 (January) [general]
- 1930b. Studies upon the wing-pattern of *Prepona* and *Agrias*, two genera of South American nymphalid butterflies. *Acta zoologica* (Stockholm) 11: 289-424, 4 pls., 12 figs. [general]
1931. [New advancements in the study of the evolution of wing-pattern in butterflies and moths.] [In Russian]. *Priroda* 1931(4): 326-367, 23 figs. [general]
1935. Superposition of pattern components in a species of amthusiid butterflies. *Entomologist* 68(865): 128-131, 5 figs. (June), (866): 157-160 (July) [general]
1940. On a remarkable dead leaf imitation in *Zaretas* [sic], a genus of nymphalid butterflies. [In Russian]. *Zoologischeskoe Zhurnal* 19(1): 14-25, 16 figs. [*Z. isidora* (Cramer), *Siderone marthesia* (Cramer); crypsis]
1944. Stereomorphism in the cryptic color patterns of Rhopa-

- locera. [In Russian]. *Zoologicheskoe Zhurnal* 22(6): 323-339, 7 figs. (14 January) [*Caligo beltrao* Illiger, *Dasyophthalma* sp.]
1945. [On the principles of insect coloration in insects.] [In Russian]. *Uchenye Zapiski Leningradskogo Ordena Lenina Gosudarstvennogo Universiteta* (Leningrad) (*Seriya Biologicheskich Nauk*) 15(75): 96-111, 11 figs. [general]
1949. Evolution of the wing-pattern in the lycaenid Lepidoptera. *Proceedings of the zoological Society of London* 119(1): 189-263, 337 figs. (May) [general; Neotropics]
1951. [Opyty nad lokalizatsiei risunka kryla u chesuekrylych.] [In Russian]. *Entomologicheskoe Obozrenie* 31(3/4): 485-494, 6 figs. (22 October) [general]
- 1956a. Wing-pattern of pierid-butterflies (Lepidoptera, Pieridae). [In Russian]. *Entomologicheskoe Obozrenie* 35(2): 285-301, 29 figs. (21 June) [general]
- 1956b. Color-pattern in Lepidoptera. *Entomologicheskoe Obozrenie* 35(3): 530-546, 77 figs. (21 July) [general]
- 1956c. [On the variability of pattern in diurnal Lepidoptera (Rhopalocera).] [In Russian]. *Zoologicheskoe Zhurnal* 35(7): 1004-1012, 29 figs. (4 August) [general]
- Schwanwitsch, Boris Nikolaevich, and G. N. Sokolov**
1934. On the wing-pattern of the genus *Lethe* (Lepidoptera, Satyridae). *Acta zoologica* (Stockholm) 15: 153-181, 50 figs. [general]
- Schwartz, Albert** [1923-1992]
- 1980a. See Sommer, W. W. & A. Schwartz, 1980.
- 1980b. Deforestación y Rhopalocera. Una comparación en la recolección de mariposas entre República Dominicana y Haití. *Naturalista postal* 30/80: 1-3 (6 October) [general]
1982. Variation in Hispaniolan *Greta diaphana* (Ithomiidae). *Bulletin of the Allyn Museum* 69: 1-10, 2 figs. (10 June) [new subspecies: *G. d. charadra*, *G. d. calimete*, *G. d. gali*]
- 1983a. A new Hispaniolan *Calisto* (Satyridae). *Bulletin of the Allyn Museum* 80: 1-10, 2 figs. (27 May) [*C. gali*]
- 1983b. See Gali, F. & A. Schwartz, 1983a.
- 1983c. See Gali, F. & A. Schwartz, 1983b.
- 1983d. See Gali, F. & A. Schwartz, 1983c.
- 1983e. *Haitian Butterflies*. Santo Domingo, Museo Nacional de Historia Natural. 71 pp., 1 map (July) [general]
- 1985a. A new subspecies of *Calisto* (Satyridae) from Hispaniola, West Indies. *Bulletin of the Allyn Museum* 93: 1-5, 2 figs. (10 May) [*C. gali choneupsilon*]
- 1985b. See Wisor, R. W. & A. Schwartz, 1985.
1986. See Correa, J. C. & A. Schwartz, 1986.
1987. The taxonomic status of *Pseudochrysops* (Lycaenidae) on Puerto Rico. *Bulletin of the Allyn Museum* 110: 1-5, 2 figs. (3 September) [new subspecies: *P. bornoi escobio*]
- [1988]a. A new species of *Calisto* (Satyridae) from Hispaniola. *Florida Scientist* 50(4): 246-252, 2 figs. ("1987", [before 5 April 1988]) [*C. gonzalezi*; República Dominicana]
- 1988b. Butterflies of the Sierra Martin Garcia, Republica Dominicana. *Caribbean Journal of Science* 23(3/4): 418-431, 1 fig. (May) [general]
- 1989a. Rediscovery of *Adelpha lapitha* Hall, 1929 (Nymphalidae) on Hispaniola, West Indies. *Bulletin of the Allyn Museum* 124: 1-7, 2 figs. (6 April) [behavior]
- 1989b. *The butterflies of Hispaniola*. Gainesville, University of Florida Press. xiv + 580 pp., frontisp., 7 pls., 4 figs., maps. [general; distribution; ecology; behavior]
- 1991a. *Battus polydamas* (Papilionidae) on Barbados, West Indies. *Journal of the Lepidopterists' Society* 44(4): 290-291 (16 May)
- 1991b. A new species of *Calisto* (Lepidoptera: Satyridae) from the Cordillera Central, República Dominicana. *Contributions in Biology and Geology. Milwaukee Public Museum* 81: 1-3, 1 fig. (1 November) [*C. neochma*]
- 1991c. New records of butterflies from Montserrat, West Indies. *Florida Scientist* 54(2): 103-105. [*Astraptus anaphus anausis* (Cramer), *Ephyriades arcas* (Drury), *E. brunneus dominicensis* Bell & Comstock, *Polites dictynna* (Godman & Salvin), *Marpesia petreus* (Cramer)]
- 1991d. See González, F. L. et al., 1991.
1996. See Wetherbee, D. K. & A. Schwartz, 1996.
- Schwartz, Albert, and Frank Gali**
1984. Five new species of *Calisto* (Satyridae) from Hispaniola. *Bulletin of the Allyn Museum* 85: 1-18, 7 figs. (19 April) [*C. neiba*, *C. micrommata*, *C. sommeri*, *C. clydoniata*, *C. clenchi*]
- Schwartz, Albert, and Fernando L. González**
1988. A new species of *Calisto* (Satyridae) from Hispaniola. *Bulletin of the Allyn Museum* 117: 1-5, 2 figs. (11 August) [*C. wetherbee*]
- Schwartz, Albert, Fernando L. González and Rose M. Henderson**
1987. New records of butterflies from the West Indies. *Journal of the Lepidopterists' Society* 41(3): 145-150, 1 tab. (7 October) [general]
- Schwartz, Albert, and S. Blair Hedges**
1991. An elevational transect of Lepidoptera on Pico Turquino, Cuba. *Caribbean Journal of Science* 27(3/4): 130-138, 2 figs. (December) [general]
- Schwartz, Albert, and Robert W. Henderson**
1990. The butterflies of Barbuda, West Indies. *Caribbean Journal of Science* 26(3/4): 98-100. [general]
- Schwartz, Albert, Rose M. Henderson and Robert W. Henderson**
1999. The butterflies of St. Vincent, the Grenadines, and Grenada. *Caribbean Journal of Science* 35(3/4): 165-183, 3 figs., 1 tab. (December) [general]
- Schwartz, Albert, and Carlos J. Jiménez**
1982. The butterflies of Montserrat, West Indies. *Bulletin of the Allyn Museum* 66: 1-18, 1 fig. (19 March) [general]
- Schwartz, Albert, and Kurt Duane Johnson**
1992. Two new butterflies (Lepidoptera: Lycaenidae) from Cuba. *Caribbean Journal of Science* 28(3/4): 149-157, 4 figs. [*Leptotes hedgesi*, *Ministrymon hernandez*]
- Schwartz, Albert, and Jacqueline Yvonne Miller**
1985. A new species of hairstreak (Lycaenidae) from Hispaniola. *Bulletin of the Allyn Museum* 99: 1-6, 12 figs. (24 October) [*Strymon monopeteinus*]
- Schwartz, Albert, and William W. Sommer**
1986. A new subspecies of *Synapte malitiosa* (Lepidoptera: Hesperidae) from Hispaniola. *Florida Scientist* 49(1): 18-22, 2 figs. [*S. m. adoceta*]
- Schwartz, Albert, William W. Sommer and Frank Gali**
1985. *Synapte malitiosa* [sic] (Lepidoptera: Hesperidae) on Hispaniola. *Florida Scientist* 48(1): 13-17.
- Schwartz, Albert, and David Kenneth Wetherbee**
1996. *Calisto* (Lepidoptera: Satyridae [sic]) of the Hispaniolan Western Cordillera Central. *Caribbean Journal of Science* 32(2): 158-165, 2 figs. (August) [general]
- Schwartz, Gustavo**
2004. See Di Mare, R. A. et al., 2004.

- Schwartz, Gustavo, and Rocco Alfredo Di Mare**  
2001. Diversidade de quinze espécies de borboletas (Lepidoptera, Papilionidae) em sete comunidades de Santa Maria, RS. *Ciência rural* (Santa Maria) 31(1): 49-55, 5 figs., 3 tabs. (January-February) [general; Brazil]
- Schwartz, Johanna**  
2018. See Nakahara et al., 2018b.
- [Schwarz, Christian]** [1760-1835]  
1826. *Schmetterlings-Belustigungen für die Jugend und ausgehende Entomologen überhaupt. Ein Auszug aus dem grossen Rösel'schen Insektenwerke, mit Hinweisung auf das Linnéische System und mit Beibehaltung der Original-Kupfertafeln.* Nürnberg, Bauer und Raspe. 2: vi + 106 pp., 38 pls. [general]
- Schwarzinger, Clemens**  
2018. See Manno, N. et al., 2018.
- Schweighofer, Mona**  
1995. See Van den Berghe, E. P. et al., 1995.
- Schweizer, Federico, and Ronald G. Webster Kay**  
1941a. Lepidópteros del Uruguay. I. Descripción de nuevas especies. *Anales del Museo de Historia natural de Montevideo* (2)5(2): 1-14, 4 pls., 5 figs. (February) [*Dismorphia delia*, *Heliconius phyllis* aberration *alicia*, *Hamearis erycina*, *H. e.* form *affinis*, *H. almirionensis*, *H. ina*, *H. precaria*, *H. p.* aberration *similis*]  
1941b. Lepidópteros del Uruguay. II. Catálogo sistemático. Parte I. Rhopalocera & Grypocera. *Anales del Museo de Historia natural de Montevideo* (2)5(3): 1-24, 1 map (November) [general]
- Schwerte, Thorsten**  
2016a. See Zobl, S. et al., 2016a.  
2016b. See Zobl, S. et al., 2016b.
- Schwertner, Cristiano Feldens**  
2008. See Grazia, J. et al., 2008.
- Sciocco-Cap, Alicia**  
2011. See Rodríguez, V. A. et al., 2011.
- Sclater, Philip Lutley** [1829-1913]  
1901. [A note]. *Proceedings of the zoological Society of London* 1901(1): 223 (1 August) [general; St. Lucia]
- Scoble, Malcolm John**  
1986. The structure and affinities of the Hedyloidea: a new concept of the butterflies. *Bulletin of the British Museum (Natural History)* 53(5): 102 figs. (18 December) [general; morphology; systematics; larva, pupa, host plant; behavior; distribution; Central and South America]  
1988. Hedyliidae: A response to Weintraub and Miller. *Cladistics* 4(1): 93-96, 1 fig. (March) [general; systematics]  
1990a. A catalogue of the Hedyliidae (Lepidoptera: Hedyloidea), with descriptions of two new species. *Entomologica scandinavica* 21(2): 113-119, 4 figs. (June) [*Macrosoma amaculata*, *M. pectinogyna*; Central and South America]  
1990b. An identification guide to the Hedyliidae (Lepidoptera: Hedyloidea). *Entomologica scandinavica* 21(2): 121-158, 131 figs. (June) [general; morphology; Central and South America]  
1992a. Guía de las mariposas hedyliidas de Costa Rica (Lepidoptera: Hedyliidae). *Guía. Instituto Nacional de Biodiversidad* 1: vi + 42 pp., 1 pl., 61 figs., 1 map (June) [general]  
1992b. *The Lepidoptera: Form, Function and Diversity.* London, Oxford University Press. ix + 352 pp., pls., 134 figs. (reprinted 1995) [general]
1994. [Moth-like butterflies from tropical America (Lepidoptera: Hedyliidae)] [In Japanese]. *Yadoriga* 158: 2-10, 10 figs. (30 June) [general; Central and South America]  
1996. In search of butterfly origins: morphology and molecules. *Trends in Ecology and Evolution* 11(7): 274-275 (July) [general]  
1998. Hedyliidae. *Lepidopterorum Catalogus* (New Series) 93: viii + 10 pp., 1 pl., 1 tab., 1 map [general; host plants]  
2001. See Honey, M. R. & M. J. Scoble, 2001.  
2007. See Kristensen, N. P. et al., 2007.  
2008. See Kristensen, N. P. et al., 2008.
- Scoble, Malcolm John, and Annette Aiello**  
1990. Moth-like butterflies (Hedyliidae: Lepidoptera): a summary, with comments on the egg. *Journal of natural History* 24(1): 159-164, 5 figs. ([22] February) [general; morphology; phylogeny]
- Scoble, Malcolm John, and Howard Mendel**  
2009. The entomological collections at the Natural History Museum, London. *Antenna* 33(1): 19-26, figs. [general; history]
- Scotfield, Anthony M., Peter Witham, Robert J. Nash, Geoffrey C. Kite and Linda E. Fellows**  
1995. Differentiation of glycosidase activity in some Hemiptera and Lepidoptera by means of castanospermine and other polyhydroxy alkaloids. *Comparative Biochemistry and Physiology* (A) 112(1): 197-205, 4 figs., 6 tabs. (September) [*Heliconius melpomene* (Linnaeus)]
- Scopoli, Giovanni Antonio** (= Johann Anton) [1723-1788] [1771]. *V. Observationes zoologicae*, pp. 70-128. In: *Historico naturalis. Annus V.* Lipsiae, Christian Gottlob Hilscheri. 128 pp. ("1772", [22 August 1771]) [general]  
1777. *Introductio ad Historiam Naturalem sistens Genera Lapidvm, Plantarvm, et Animalivm hactenus detecta, characteribvs essentialibvs donata, in tribvs divisa, svbinde ad leges natvrae.* Pragae, Wolfgang Gerle. [vii] + 506 + 34 pp. ([13 April]) [new genera: *Argyreus*, *Argus*, *Pterourus*, *Battus*, *Graphium*, *Ascia*]
- Scott, James Allan** [1946- ]  
1971. A list of Antillean butterflies. *Journal of Research on the Lepidoptera* 9(4): 249-256 ([before 13 December]) [general]  
1972. Biogeography of Antillean butterflies. *Biotropica* 4(1): 32-45, 4 figs., 5 tabs. (April) [general]  
1973. Mating of butterflies. *Journal of Research on the Lepidoptera* 11(2): 99-127, 7 tabs. ([before 1 June]) [general]  
1974a. Mate-locating behavior of butterflies. *American Midland Naturalist* 91: 103-117, 2 tabs. [general]  
1974b. Lifespan of butterflies. *Journal of Research on the Lepidoptera* 12(4): 225-230, 1 tab. ([before 4 October]) [general]  
1985. The phylogeny of butterflies (Papilionoidea and Hesperioidea). *Journal of Research on the Lepidoptera* 23(4): 241-281, 3 figs., 2 tabs. (10 May) [general]  
1986a. Distribution of Caribbean butterflies. *Papilio* (N.S.) 3: 1-26, 2 tabs. (5 March) [general]  
1986b. *The Butterflies of North America. A natural history and field guide.* Stanford, Stanford University Press. xv + 583 pp., 64 pls., 71 figs., 2 tabs., maps ([26 September]) [general; eggs, larvae, pupae, imagines; host plants; ecology; behavior; distribution; Neotropics]  
1988. Logic and phylogeny: reply to R. K. Robbins. *Journal of the Lepidopterists' Society* 41(4): 216-218 (5 January)

- [general]
1989. Parellelism and phylogenetic trees. *Journal of Research on the Lepidoptera* 27(3/4): 257-258 (10 December) [Baronia]
1992. Hostplant records for butterflies and skippers (mostly from Colorado) 1959-1992, with new life histories and notes on oviposition, immatures, and ecology. *Papilio* (New Series) 6: 1-185, 10 tabs. (5 July) [general; Mexico, Colombia; behavior]
1994. Biology and systematics of *Phyciodes* (*Phyciodes*). *Papilio* (New Series) 7: 1-120, 227 figs., 12 tabs. (18 November) [general; Mexico, Guatemala, Cuba, Cayman Islands]
- 1998a. *Phyciodes* (*Phyciodes*): New discoveries, new subspecies, and convergence. *Papilio* (New Series) 10: 1-42, 41 figs., 5 tabs. (20 February) [new subspecies: *P. phaon jalapeno*; Mexico, Guatemala]
- 1998b. New western North American butterflies. *Papilio* (New Series) 11: 1-12, 15 figs. (20 February) [general; Mexico]
2003. See Wahlberg, N. et al., 2003a.
2006. *Phyciodes* (*Phyciodes*): More progress. *Papilio* (New Series) 13: 1-34, 5 tabs. (28 April) [general; taxonomy]
- 2008a. Corrections/reviews of 58 North American butterfly books. *Papilio* (New Series) 19: 1-122 (3 December) [general]
- 2008b. Biological catalogue of North American butterflies. *Papilio* (New Series) 20: 1-50 (3 December) [general]
2015. Do subspecies exist? *News of the Lepidopterists' Society* 57(2): 85-88, 2 figs. (26 May) [general]
2016. Ernest J. Oslar, 1858-1944: His travel and collection itinerary, and his butterflies. *Papilio* (New Series) 25: 1-39, 5 figs. [general; Mexico]
- 2017a. *Notamblyscirtes simius durango* Scott, new subspecies (Hesperiidae). *Papilio* (New Series) 26: 5-6, figs. 4-7 ([17] May) [Mexico]
- 2017b. *Euchloe hyantis guaymasensis* Opler, new combination (Pieridae). *Papilio* (New Series) 26: 7-9, figs. 8-10 ([17] May) [Mexico]
- 2017c. *Apodemia "mormo"*-group variation, especially in New Mexico, Colorado, and in Sonora, Mexico (Riodininae, Lycaenidae). *Papilio* (New Series) 26: 33-39 ([17] May) [general]
- 2017d. *Leptotes cassius surbaja* Scott, new subspecies (Lycaenidae). *Papilio* (New Series) 26: 50, figs. 39-41 ([17] May) [Mexico]
- Scott, James Allan, and Michael S. Fisher**
2017. *Libythea carinenta larvata*, the predominant subspecies in Colorado (Nymphalidae). *Papilio* (New Series) 26: 14-15 ([17] May) [Mexico]
- Scott, James Allan, Michael S. Fisher, Norbert G. Kondla, Steve Kohler, Crispin S. Guppy, Stephen M. Spomer, and B. Christian Schmidt**
2006. Taxonomic studies and new taxa of North American butterflies. *Papilio* (New Series) 12: 1-74, 6 pls. (28 April) (general; new subspecies: *Poladryas minuta simador*, Mexico)
- Scott, James Allan, and Sterling O. Mattoon**
1982. Early stages of *Speyeria nokomis* (Nymphalidae). *Journal of Research on the Lepidoptera* 20(1): 12-15, 11 figs. (20 September) [Mexico]
- Scott, James Allan, and David M. Wright**
1990. *Butterfly phylogeny and fossils*, pp. 152-208, 1 fig. In: Kudrna, O. (Ed.), *Butterflies of Europe. Volume 2. Introduction to lepidopterology*. Wiesbaden, AULA-Verlag. [general]
- Scott, Janet A.**
2011. See Merrill, R. M. et al., 2011a.
- Scott, Jane Vicroy**
1996. Orange snow on the mountains: Monarchs in Mexico. *American Butterflies* 4(1): 4-8, figs. [*Danaus plexippus* (Linnaeus)]
- Scott, Maxwell J.**
2019. See Concha, C. et al., 2019.
- Scott-Stokes, Natascha**
2006. *Wild and fearless. The life of Margaret Fountaine*. London, Peter Owen Publishers. 295 pp., figs. ([27 September])[general; Neotropics]
- Scovell, Keith**
2003. Exotic butterfly in Tesco's. *Atropos* 19: 72, pl. 8, fig. 20 [*Opsiphanes tamarindi* Felder & Felder]
- Scriber, John Mark [1948- ]**
1974. Latitudinal gradients in larval feeding specialization of the world Papilionidae. *Psyche* (Cambridge) 80(4): 355-373, 5 figs., 1 tab. (20 February) [general]
1983. *Evolution of feeding specialization, physiological efficiency, and host races in selected Papilionidae and Saturniidae*, pp. 373-412, 19 figs., 10 tabs. In: Denno, R. F. & M. M. McClure (Eds.), *Variable plants and herbivores in natural and managed systems*. New York, Academic Press. [*Papilio* spp.; Mexico]
- 1984a. Larval foodplant utilization by the World Papilionidae (Lep.): Latitudinal gradients reappraised. *Tokurana* 6/7: 1-50, 3 figs., 2 tabs. (31 March) [general; Neotropics]
- 1984b. *Host-plant suitability*, pp. 159-202, 19 figs., 2 tabs. In: Bell, W. J. & R. T. Cardé (Eds.), *Chemical ecology of insects*. London, Chapman and Hall Ltd. [*Papilio polyxenes* Fabricius, *P. glaucus* Linnaeus; host plants; Mexico]
1987. *Population genetics and foodplant use among the North American tree-feeding Papilionidae*, pp. 221-230, 3 figs., 1 tab. In: Labeyrie, V., G. Fabres & D. Lachaise (Eds.), *Insect-plants. Proceedings of the 6th International Symposium on Insect-Plant Relationships (PAU 1986)*. Dordrecht, Dr. W. Junk Publishers. (*Series Entomologica*, Vol. 41) [Mexico]
1988. *Tale of the Tiger. Beringial biogeography, binomial classification, and breakfast choices in the Papilio glaucus complex of butterflies*, pp. 241-301, 20 figs., 6 tabs. In: Spencer, K. C. (Ed.), *Chemical mediation of coevolution*. San Diego, Academic Press, Inc. [general; host plants]
1991. See Hagen, R. H. & J. M. Scriber, 1991.
1992. See Lederhouse, R. C. et al., 1992.
- 1995a. *Overview of swallowtail butterflies: Taxonomic and distributional latitude*, pp. 3-8, 3 figs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- 1995b. See Bossart, J. L. & J. M. Scriber, 1995.
- 1995c. See Hagen, R. H. & J. M. Scriber, 1995.
1996. Tiger tales: Natural history of native North American swallowtails. *American Entomologist* 42(1): 19-32, figs., 1 tab. [*Papilio*; life history; host plants; Mexico]
2010. Integrating ancient patterns and current dynamics of insect-plant interactions: Taxonomic and geographic variation in herbivore specialization. *Insect Science* 17(6): 471-507, 2 figs., 1 tab. (December; published online 5 September) [Papilionidae; Neotropics]
2011. See Kunte, K. et al., 2011.
2015. *Tales of three tigers: A 50-year career-shaping journey chasing swallowtail butterflies*, pp. 103-131, 14 figs. In:

- Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general; Neotropics]
- Scriber, John Mark, Mark Deering and Aram Stump**  
2003. *Hybrid zone ecology and tiger swallowtail trait clines*, pp. 367-391, 4 figs., 8 tabs. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [*Papilio*; Mexico]
- Scriber, John Mark, Robert V. Dowell, Robert Cecil Lederhouse and Robert H. Hagen**  
1991. Female color and sex ratio in hybrids between *Papilio glaucus glaucus* and *P. eurymedon*, *P. rutulus*, and *P. multicaudatus* (Papilionidae). *Journal of the Lepidopterists' Society* 44(4): 229-244, 3 figs., 6 tabs. (16 May) [Mexico]
- Scriber, John Mark, and Mark H. Evans**  
[1989]. Bilateral gynandromorphs, sexual and/or color mosaics in the tiger swallowtail butterfly, *Papilio glaucus* (Lepidoptera: Papilionidae). *Journal of Research on the Lepidoptera* 26(1/4): 39-57, 30 figs., 6 tabs. ("15 November 1988", [2 March 1989]) [general]
- Scriber, John Mark, Mark H. Evans and Robert Cecil Lederhouse**  
1989. Hybridization of the Mexican tiger swallowtail, *Papilio alexiaries garcia* (Lepidoptera: Papilionidae) with other *P. glaucus* group species and survival of pure and hybrid larvae on potential host plants. *Journal of Research on the Lepidoptera* 27(3/4): 222-232, 6 figs., 4 tabs. (10 December)
- Scriber, John Mark, and Stuart H. Gage**  
1995. *Pollution and global climatic change: Plant ecotones, butterfly hybrid zones and changes in biodiversity*, pp. 319-344, 14 figs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- Scriber, John Mark, and John H. Hainze**  
1987. *Geographic invasion and abundance as facilitated by differential host plant utilization abilities*, pp. 433-468, 14 figs., 2 tabs. In: Barbosa, P. & J. C. Schultz (Eds.), *Insect outbreaks*. San Diego, Academic Press. [*Papilio*; Mexico]
- Scriber, John Mark, and Robert Cecil Lederhouse**  
1989. Hand-pairing of *Papilio glaucus glaucus* and *Papilio pilumnus* (Papilionidae) and hybrid survival on various foodplants. *Journal of Research on the Lepidoptera* 27(2): 96-103, 5 figs., 2 tabs. (15 July) [Mexico]  
1996. Illustrated field notes on *Papilio astyalus pallas* in Costa Rica (Lepidoptera: Papilionidae). *Tropical Lepidoptera* 7(2): 119-120, 9 figs. (30 December) [life history; host plant; behavior]
- Scriber, John Mark, Robert Cecil Lederhouse and Keith Spalding Brown, Jr.**  
1991. Hybridization of the Brazilian *Papilio (Pyrrhosticta)* (Section V) with the North American *Papilio (Pterourus)* (Section III). *Journal of Research on the Lepidoptera* 29(1/2): 21-32, 3 figs., 6 tabs. (31 December) [general]
- Scriber, John Mark, Robert Cecil Lederhouse and Robert V. Dowell**  
1995. *Hybridization studies with North American swallowtails*, pp. 269-281, 9 figs., 6 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [Mexico]
- Scriber, John Mark, Robert Cecil Lederhouse and Robert H. Hagen**  
1991. *Foodplants and evolution within Papilio glaucus and Papilio troilus species groups*, pp. 341-373, 7 figs., 3 tabs. In: Price, P. W., T. W. Lewinsohn, G. W. Fernandes & W. W. Benson (Eds.), *Plant-animal interactions. Evolutionary Ecology in Tropical and Temperate Regions*. New York, John Wiley & Sons, Inc. [general]
- Scriber, John Mark, Rodrigo Mercader, Howard Romack and Mark Deering**  
2009. Not all bilateral gynandromorph butterflies are interspecific hybrids: New *Papilio* specimens from field populations. *Journal of the Lepidopterists' Society* 63(1): 37-47, 18 figs. (29 April) [general; Mexico]
- Srok, Gilson João, and Isabela Galarda Varassin**  
2011. Reproductive biology and pollination of *Aechmea distichantha* Lem. (Bromeliaceae). *Acta botanica brasiliica* 25(3): 571-576, 1 fig., 2 tabs. (September) [general; Brazil]
- Scudder, Samuel Hubbard [1837-1911]**  
1872. A systematic revision of some of the American butterflies, with brief notes on those known to occur in Essex County, Massachusetts. *Report. Peabody Academy of Science* 4: 24-83 (15 January-24 December) [separate, 62 pp., issued in April] [general; new taxa: *Basilarchia*, *Speyeria*, *Charidryas*, *Limnaecia*, *Euphydryas*, *Callipareus*, *Mitoura*, *Erora*, *Glaucoopsyche*, *Pyrrhopyga venezuelae*, *P. chalybea*, *Dysenius* (new genus) *cruentus*, *Erycides texana*, *E. sanguinea*, *Thymele vitreus*, *T. sumichrasti*, *T. domingo*, *T. montezuma*, *Epargyreus orizaba*, *Achalarus*, *Acolastus*, *Thorybes* (new genus) *nevada*, *Pholisora* (new genus) *azteca*, *Leucoscirtes* (new genus) *nivea*, *Hesperia tessellata*, *Callimormus juvenus*, *Ancyloxypha brunnea*, *Oarisma*, *Potanthus* (new genus) *californica*, *Amblyscirtes* (new genus) *tolteca*, *Stomyles*, *Ocytes* (new genus) *seminole*, *Poanes*, *Phycanassa*, *Atrytone*, *Euthymus*, *Pamphila columbia*, *Atalopedes*, *Anthomaster*, *Polites*, *Ochlodes* (new genus) *sonora*, *Choranthus*, *Hedore* (new genus) *praeceps*, *H. orono*, *Limochores*, *Euphyes*, *Lerodea* (new genus) *inca*, *Prenes* (new genus) *hecebolus*, *Pansydia*, *Perichares* (new genus) *marmorata*, *Oligoria*, *Cymaenes*, *Lerema* (new genus) *pattenii*, *Megathymus*; Neotropics]  
1875a. Remarks on the old genus *Callidryas*. *Proceedings of the Boston Society of natural History* 17(2): 206-209 ([16 March]) [general; new species: *Aphrissa butleri*; Mexico]  
1875b. Historical sketch of the generic names proposed for butterflies. *Proceedings of the american Academy of Arts and Sciences* 10(2): 91-293 (31 March) [general]  
1875c. The structure and transformations of *Eumaeus atala*. *Memoirs of the Boston Society of natural History* 2: 413-419, pl. 14 (13 October) [Cuba, Central America]  
1875d-76a. Synonymic list of the butterflies of North America, north of Mexico. *Bulletin of the Buffalo Society of natural Sciences* 2(4): 233-269 ("February" [31 May] 1875); 3: 98-104 (April 1876), 105-129 ("May" [8 June] 1876) [general; new genus: *Thessalia*; Mexico]  
1876b. Guadalupe Orthoptera and butterflies. *Psyche* (Cambridge) 1(25): 168 ("May", [21 July]) [*Vanessa carye* (Hübner); Mexico]  
1876c. A cosmopolitan butterfly. I. Its birthplace. *American Naturalist* 10(7): 392-396 (July) [*Vanessa cardui* (Linnaeus)]  
1876d. Mimicry in butterflies explained by Natural Selection.

- American Naturalist* 10(9): 534-536 (September) [general; Brazil]
- 1876e. A cosmopolitan butterfly. II. Its history. *American Naturalist* 10(10): 602-611 (October) [*Vanessa cardui* (Linnaeus); egg, larva, pupa, imago; host plants; behavior; parasitoids]
1877. Antigeny, or sexual dimorphism in butterflies. *Proceedings of the American Academy of Arts and Sciences* 12: 150-158 [separate published 10 May] [general]
1878. An account of some insects of unusual interest from the Tertiary rocks of Colorado and Wyoming. *Bulletin of the United States Geological and Geographical Survey of the Territories* 4(2): 519-543 (6 May) [*Hypanartia*]
1882. Nomenclator Zoologicus. An alphabetical list of all generic names that have been employed by naturalists for recent and fossil animals from the earliest times to the close of the year 1879. I. Supplemental list of genera in Zoology. List of generic names employed in Zoology and Paleontology to the close of the year 1879, chiefly supplemental to those catalogued by Agassiz and Marschall, or indexed in the Zoological Record. *Bulletin of the United States National Museum* 19[1]: i-xxi, 1-376 ([August]) [general]
- [1884]. Nomenclator Zoologicus. An alphabetical list of all generic names that have been employed by naturalists for recent and fossil animals from the earliest times to the close of the year 1879. II. Universal index to genera in Zoology. Complete list of generic names employed in Zoology and Paleontology to the close of the year 1879, as contained in the nomenclators of Agassiz, Marschall, and Scudder, and in the Zoological Record. *Bulletin of the United States National Museum* 19[2]: [i-ii], 1-340 ([30 June]) [general]
1887. *Note on the group Eumaeidi*, pp. 110-112. In: Godman, F. D. & O. Salvin, 1879-1901, *Biologia Centrali-Americana. Insecta. Lepidoptera-Rhopalocera*. London, Dulau & Co., Bernard Quaritch. 2(64). (December) [general; morphology]
- 1888-89a. *The butterflies of the Eastern United States and Canada with special reference to New England*. Cambridge, Author. 1: xxvi + 766 pp., frontisp.; 2: xii + 767-1774, frontisp., figs.; 3: viii + 1775-1958, frontisp., pls. 1-89, 3 maps. [published in 12 parts from November 1888 to October 1889] [general; Neotropics]
- 1889b. Cosmopolitan butterflies. *Psyche* (Cambridge) 5(156): 190-192 (15 April) [general]
1895. *Frail children of the air. Excursions into the world of butterflies*. Boston and New York, Houghton, Mifflin and Company. [viii] + 279 pp., 9 pls. [general; morphology; behavior; mimicry]
- Seaward, Mark**  
2016. Hemming, John. Naturalists in paradise. Wallace, Bates and Spruce in the Amazon. 2015. *Archives of Natural History* 43(1): 183-184 (April) [general; book review]
- Seba, Albertus** [1665-1736]  
1765. *Locupletissimi rerum naturalium thesauri accurata descriptio et iconibus artificiosissimis expressio per universam physices historiam. Opus, cui, in hoc rerum genere, nullum par existit. Ex toto terrarum orbe collegit, digessit, descripsit, et depingendum curavit*. Amstelaedami, H. C. Arkssteum et H. Merkus, et Petrus Schouten. 4: [4] + i- viii, 9-42, 1-226, pls. 1-108. [published simultaneously in Latin/Dutch and Latin/French editions; the plates were reissued in June 1831 by F. É. Guérin-Méneville (Ed.), in the "Planches de Seba"] [general]
- Sediyama, Camilla Atsumi Zanuncio**  
2009. See Zanuncio, J. C. et al., 2009.
- See, Joseph, Shinichi Nakahara and Geoffrey Gallice**  
2018. Immature stages of *Splendeptychia quadrina* (Butler, 1869) (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera Research* 28(2): 49-53, 5 figs. (published online 28 September) [egg, larva, pupa, imago; host plant; behavior; Peru]
- Seeberan, G. S. B.**  
1979. See Bacon, P. R. et al., 1979.
- Sefer, Elias**  
[1963]a. Pragas da bananeira que ocorrem na Amazônia e seu combate. *Boletim técnico do Instituto agrônomo do Norte* (Belém) 43: 3-8, 4 pls. ("1961", [1963]) [*Caligo beltrao* (Illiger); Brazil]  
[1963]b. Catálogo dos insetos que atacam as plantas cultivadas da Amazônia. *Boletim técnico do Instituto agrônomo do Norte* (Belém) 43: 23-53 ("1961", [1963]) [general; host plants; Brazil]
- Sefton, Nancy**  
1976. See Andresen, J. et al., 1976.
- Segade, Gonzalo**  
2002. See Botto, E. N. et al., 2002.
- Segall, H. J.**  
1987. See Kelley, R. B. et al., 1987.
- Segami, Carolina**  
2019. See Rosser, N. et al., 2019b.
- Segar, Simon**  
2015. See Basset, Y. et al., 2015.
- Segarra, Alejandro E.**  
1994. See Medina, S. et al., 1994.
- Segarra, Alejandro E., Irma Cabrera, Luisa E. Flores and Luis Morales**  
2010. Ciclo de vida y control de la mariposa asiática de los cítricos, *Papilio demoleus* (Lepidoptera: Papilionidae), una nueva plaga invasiva en Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 94(1/2): 165-174, 1 fig., 3 tabs. (April) [life history; host plants]
- Segeren, P. A.**  
1983. Surinaams Insektenleven. *Natuurgids Serie B. Stichting Natuurbehoud Surinam* 7: 1-48, 51 figs. [general]
- Seguí, Rosina**  
2007. See Morais, A. B. B. de et al., 2007.
- Segura, Consuelo Bazán de, and Pedro Sánchez**  
1973. Manual de enfermedades y plagas de hortalizas. *Manual. Estación experimental agrícola de La Molina. Ministerio de Agricultura* (Lima) 36: 1-22 (March) [general; host plants; Peru]
- Segura, Gerardo**  
1992. See Espejo, A. et al., 1992.
- Segura, Oscar Antonio**  
2019. See Murillo, L. R. et al., 2019.
- Segura, Ricardo**  
1995. See Harley, K. et al., 1995.
- Séguy, Émile Allain** [1877-1951]  
[1924]. *Papillons. Vingt planches en phototypie coloriées au patron donnant 81 papillons et 16 compositions décoratives*. Paris, Tolmer. [iv] pp., 20 pls. [general; Neotropics]
- Sehnal, Peter**  
1996. *Esquinas-Nationalpark, "Regenwald der Österreicher". Gebietsbeschreibung - Regenwaldbiologie - Naturbeobachtungen*, pp. 80-111, figs. 108-195. In: Sehnal, P.

- & H. Zettel, *Esquinas-Nationalpark. Der Regenwald der Österreicher in Costa Rica*. Wien, Naturhistorisches Museum. [general]
- Seiber, James N.**  
 1984. See Brower, L. P. et al., 1984.  
 1987. See Kelley, R. B. et al., 1987.  
 1988. See Brower, L. P. et al., 1988.
- Seiber, James N., Lincoln Pierson Brower, S. Mark Lee, Michael M. McChesney, H. T. Andrew Cheung, Carolyn J. Nelson and Thomas R. Watson**  
 1986. Cardenolide connection between overwintering monarch butterflies from Mexico and their larval food plant, *Asclepias syriaca*. *Journal of chemical Ecology* 12(5): 1157-1170, 4 figs., 1 tab. (May) [*Danaus plexippus* (Linnaeus)]
- Seibert, Henri C.**  
 2001. Four wings and a prayer: Book review. *The Ohio Lepidopterist* 24(1): 9 (May) [*Danaus plexippus* (Linnaeus); Mexico]
- Seibt, Uta**  
 1969. See Schneider, D. & U. Seibt, 1969.
- Seifert, Carlo Lutz, Lisamarie Lehner, Florian Gerhard Franz Bodner and Konrad Fiedler**  
 2016. Caterpillar assemblages on *Chusquea* bamboos in southern Ecuador: abundance, guild structure, and the influence of host plant quality. *Ecological Entomology* 41(6): 698-706, 3 figs., 3 tabs. (December; published online 23 August) [general]
- Seifert, Richard P.**  
 1981. *Biogeographic patterns among milkweed insects*, pp. 207-220, 4 figs., 8 tabs. In: Denno, R. F. & H. Dingle (Eds.), *Insect life history patterns: Habitat and geographic variation*. New York, Springer Verlag [Danaiidae, Lycaenidae; Venezuela]  
 1982. Neotropical *Heliconia* insect communities. *Quarterly Review of Biology* 57(1): 1-28, 5 figs., 2 tabs. (March) [Brassoliniinae]
- Seín, Francisco [1898- ]**  
 1929. Una invasión de mariposas. *Revista de Agricultura de Puerto Rico* 22(10): 169-170 (April) [*Anosia plexippus* (Linnaeus); migration; Puerto Rico]
- Seitz, Adalbert [1860-1938]**  
 1889a. Ueber Schmetterlingseier. *Zoologische Jahrbücher (Systematik)* 4(2): 485-492, 6 figs. (5 April) [general; host plants; Brazil]  
 1889b. Lepidopterologische Studien in Ausland. *Zoologische Jahrbücher (Systematik)* 4(3): 771-779 (10 August), (4): 905-924, 3 figs. (25 October) [general; Brazil]  
 1890a. Die Schmetterlingswelt des Monte Corcovado. *Stettiner entomologische Zeitung* 50(10/12): 325-329, 351-355 (January); 51(1/3): 2-5, 28-35 (after 29 March) [general; ecology; behavior; Brazil]  
 1890b. Allgemeine Biologie der Schmetterlinge. I. Theil. Die geographische Verbreitung der Schmetterlinge und ihre Abhängigkeit von klimatischen Einflüssen. *Zoologische Jahrbücher (Systematik)* 5(2): 281-343 (19 July) [general; Neotropics]  
 1890c-91a. Die Schmetterlingswelt des Monte Corcovado. *Stettiner entomologische Zeitung* 51(4/6): 89-99 (July 1890), (7/12): 258-266 (January 1891) [general; ecology; behavior; mimicry; Brazil]  
 1891b. Mittheilungen über Mimicry. *Verhandlungen der deutschen zoologischen Gesellschaft* 1: 49-54. [general]  
 1892. E. Haase, Zum System der Tagfalter. *Stettiner entomologische Zeitung* 53(4/6): 157-159 (after September) [general; book review]
- 1893a. Dr. Erich Haase, Untersuchungen über die Mimicry auf Grundlage eines natürlichen Systems der Papilioniden (Bibliotheca Zoologica, herausgeg. von Leuckart und Chun.). Cassel, Theodor Fischer. 1892. *Stettiner entomologische Zeitung* 53(10/12): 332-349 (after mid February) [general; book review]  
 1893b. Über "Mimicry". *Jahrbücher des nassauischen Vereins für Naturkunde* 46: ix-xiv. [general]  
 1893c. Eine lepidopterologische Reise um die Welt. *Jahrbücher des nassauischen Vereins für Naturkunde* 46: 41-80. [general; Neotropics]  
 1894a. Allgemeine Biologie der Schmetterlinge. II. Theil. Die Ernährung. *Zoologische Jahrbücher (Systematik)* 7(1): 131-186 (20 May) [general]  
 1894b. Allgemeine Biologie der Schmetterlinge. Ili. Theil. Fortpflanzung. *Zoologische Jahrbücher (Systematik)* 7(5): 823-851 (31 May) [general]  
 1895. Reiseskizzen. *Stettiner entomologische Zeitung* 56(7/9): 228-235 (November) [general; behavior; ecology; Brazil]  
 1896. Ueber den gestaltenden Einfluss der Schmetterlinge auf das Antlitz der Erde. *Versammlung der Gesellschaft deutsche Naturforscher und Ärzte* 68(1)(1): 189-196. [general; behavior; ecology; Brazil]  
 1897. Auf der südlichen Halbkugel. *Societas entomologica* 12(10): 73-75 (15 August), (11): 82-84 (1 September) [general; Argentina, Brazil]  
 [1907]. *Einleitung. Die Gross-Schmetterlinge des Amerikanischen Faunengebietes*. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1-8 ([4 June]) [general; Neotropics]  
 1913a. *Unterfamilie: Heliconiinae*. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 375-402 (5 June), pls. 72-80, 84. [general; ecology; behavior; life histories; new taxa: *Heliconius narcaea* aberration *connexa*, *H. n.* aberration *physcoa*, *H. cydno submarginalis*, *H. melpomene eulalia* form *fascinatrix*, *H. xanthocles* form *cethosia*, *H. hydara* form *adana*, *H. phyllis androdaixa*, *H. p. confluens*, *H. clysonymus* form *micra*, *Eueides isabella* form *imitans*, *E. aliphra* aberration *cillenula*; Neotropics]  
 1913b. *2. Subfamilie: Clothildinae*. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 402 (5 June), pl. 83. [general; Mexico, Central America, West Indies]  
 1913c. *3. Subfamilie: Nymphalinae. A. Gruppe: Argynnidi. 1. Gattung: Euptoieta Dbl.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 403-404 (5 June), pl. 85. [general; ecology; behavior; life histories; Neotropics]  
 1913d. *3. Gattung: Melitaea F. - 34. Gattung: Bolboneura Salv.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 429-432, pl. 88 (10 June) [general; ecology; behavior; life histories; Mexico]  
 1913e. *7. Familie: Nymphalidae. Allgemeines*. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 357-358 ([1 July]) [morphology; ecology; behavior]  
 1913f. On the sense of vision in insects. *Transactions of the II international Congress of Entomology* (Oxford), pp. 198-204 (October) [general; South America]  
 1913g-14. *3. Gattung: Melitaea F. - 34. Gattung: Bolboneura Salv.* [continued]. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 433-434 (10 December 1913), 454-456 ([before 28 February 1914]), 457-464 (14 April 1914), 465-472 (3 June 1914), 473-477 (19 June 1914), pls. 93-97, 104, 115. [general; ecology; behavior; life histories; Neotropics]



- 1915a. 39. *Gattung: Cybdelis Bsd. - 41. Gattung: Eunica Hbn.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 483-488 (17 May), 489-490 (23 June), pls. 97, 99, 100A, 100B, 102B. [general; ecology; behavior; new forms: *E. monima* form *habanae*, *E. margarita* form *ingens*, *E. sophonisba* form *agele*; Neotropics]
- 1915b. 47. *Gattung: Cyclogramma Dbl. - Gruppe Limenitidi.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 508-510 (13 September), pls. 102B, 103A. [general; ecology; behavior; Neotropics]
- 1915c-16a. 50. *Gattung: Limenitis F. - 53. Gattung: Batesia Fldr.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 533-536 (29 November 1915), 537 (14 March 1916), pls. 103, 109. [general; ecology; behavior; mimicry; life histories; Mexico, Central and South America]
- 1916b. *Nachtrag zu den Amerikanischen Nymphaliden.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 593-598, 600, 601-608 (15 May) [general; new taxa: *Heliconius euphone* aberration *nephele*, *H. weymeri gustavi* aberration *flavomaculata*; Neotropics]
- 1916c. Betrachtungen über die Eryciniden. *Entomologische Rundschau* 33(7): 33 (7 July), (8): 37-39 (4 August), (9): 45-46 (1 September), (10): 49-50 (29 September) [general; ecology; mimicry]
- 1916d. *Nachtrag zu den Amerikanischen Nymphaliden* [continued]. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 609-615 (7 October) [general]
- 1916e. 8. *Familie Erycinidae.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 617-624 (7 October) [general; morphology; ecology; behavior; mimicry; life histories; biogeography; new taxa: *Euselasia eucritus* form *catapoecila*, *E. euriteus* form *gration*, *E. eutyclus* form *dyrrachus*; Neotropics]
- 1916f. Betrachtungen über die Eryciniden. *Entomologische Rundschau* 33(11): 52-53 (27 October) [general; new subspecies: *Barbicornis mona cinaropsis*; ecology; mimicry]
- 1916g. 8. *Familie Erycinidae* [continued]. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 625-640 (23 November) [general; new taxa: *Euselasia ella*, *E. eustachus* form *rhodon*, *E. placidus*, *E. arbas* form *attrita*, *E. a.* form *proavia*, *E. crotopus* male form *ater*, *E. c.* male form *mutator*, *E. c.* male form *psammathe*, *E. c.* male form *venezolana*, *E. eusepus eupatra*, *E. authe* aberration *flava*, *E. gyda* aberration *tetra*, *E. teleclus archelaus*, *Methonella cecilia* form *magnarea*, *M. c.* form *amithrata*, *M. c.* aberration *vitellia*, *Helicopsis cupido* form *erotica*, *H. c.* form *trinitatis*, *H. c.* *divergens*, *H. c.* aberration *stupenda*, *H. endymion* form *latmicus*, *Eurybia dardus fassli*, *Mesosemia putli*, *M. eumene* form *attalus*, *M. maenades bacche*, *M. marsena* form *semivitrea*, *M. phelina analoga*, *M. p. minima*, *M. telegone amanda*; Neotropics]
- 1916h. Betrachtungen über die Eryciniden. *Entomologische Rundschau* 33(12): 59-60 (24 November) [general; ecology; mimicry]
- 1916i. 8. *Familie Erycinidae* [continued]. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 641-648 (30 November) [general; new taxa: *Mesosemia metuana* form *fassli*, *Diopthalma philemon* form *subalbata*; Neotropics]
- 1916j. Betrachtungen über die Eryciniden. *Entomologische Rundschau* 33(13): 62-64 (22 December) [general; ecology; mimicry]
- 1916k-18a. 8. *Familie Erycinidae* [continued]. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 649-656 (31 December 1916), 657-664 ([3 May 1917]), 665-672 (30 March 1917), 673-680 (17 April 1917), 681-688 (1 May 1917), 689-696 (13 May 1917), 697-704 (16 June 1917), 705-712 (5 July 1917), 713-720 (16 July 1917), 729-736 ([13 May 1918]), 737-738 ([7 October 1918]), pls. 121-143. [general; new taxa: *Eunogyra satyrus* form *picus*, *Mimocastnia* (new genus) *rothschildi*, *Panara thisbe* form *ovifera*, *P. t.* form *eclipsis*, *Riodina lysippus* form *negrita*, *R. l.* form *erratica*, *R. lysippoides* form *crioeus*, *Lymnas pixe* form *sexpunctata*, *L. cephise* form *nigretta*, *L. araguaya*, *L. aegates* form *nigrapex*, *L. a. leucophlegmoides*, *L. cratippa*, *L. epijarbas* form *echidna*, *Barbicornis melanops* aberration *cuneifera*, *B. m.* aberration *fuscus*, *B. m.* aberration *aterrima*, *B. basilis* aberration *alcyoneus*, *B. b.* form *polyplaga*, *B. marginata*, *Ancyluris aulestes olivencia*, *Necyria bellona* form *enyo*, *Monethe albertus* form *carens*, *Paraphthonia cteatus*, *Colaciticus johnstoni* form *jordani*, *C. j.* form *banghaasi*, *Mesene phareus* form *colombica*, *M. epaphus* form *speculum*, *M. e.* form *albiplaga*, *Symmachia probetor* form *astiana*, *Baetis felix* aberration *citrina*, *B. orthotaenia*, *B. johanna* form *cearaica*, *Amarynthis meneria* form *superior*, *A. m.* form *coctincta*, *Emesis lucinda* aberration *albida*, *Siseme alectryo* form *megala*, *S. a.* form *transiens*, *S. aristoteles* form *ochrotaenia*, *S. a.* form *leucodesma*, *S. pallas* form *angustior*, *S. pseudopallas* form *hyperion*, *Hamearis erostratus* form *antaeus*, *H. cisandina*, *Nymphidium maravalica*, *N. enimanga*, *N. agle* form *menalcidas*, *N. menalcus* form *leucidiodes*, *N. ninias* form *undimargo*, *Thisbe lycorias* form *incarcum*, *Anatole glaphyra* form *campicola*, *Tharops hebrus* form *ergines*, *T. h.* form *gemma*, *Stalactis phlegia* form *irion*, *S. p.* form *nocticoelum*, *S. p.* form *venezolana*, *S. calliope* form *terpsichore*, *S. phaedusa* form *exul*; Neotropics]
- 1918b. 9. *Familie: Lycaenidae. Allgemeines.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 739-744 ([7 October]) [morphology; ecology; behavior; life histories; biogeography]
1920. 8. *Familie Erycinidae* [continued]. In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 721-728 (28 October) [general; new taxa: *Aricoris fassli*, *Theope eurygonina* form *sisemina*, *Tmetoglene trichroma*, *Emesis samius*; Mexico, Central and South America]
- 1921a. *B. Grypocera, breitköpfige Tagfalter. 1. Familie: Hesperidae. Dickköpfe. Allgemeines.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 833-836 (17 March) [morphology; ecology; behavior; life histories; biogeography]
- 1921b. Lepidopterologisches aus J. Gistels "Naturgeschichte des Tierreichs". *Senckenbergiana* 3(6): 165-169 (31 December) [general; nomenclature]
- 1924a. *Nachträge: Papilionidae.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1012-1014 (21 January) [general; life histories; South America, Trinidad]
- 1924b. *Nachträge: Danaidae - Gattung Melitaea.* In: *Die Gross-Schmetterlinge der Erde*. Stuttgart, Alfred Kernen. 5: 1026-1030 (26 March) [general; life histories; new genus: *Eucorma*; Mexico, Central and South America]

- 1925a. Ueber den Umfang der Sammel-Ausbeuten. *Entomologische Rundschau* 42(4): 13-14 (15 April) [general]
- 1925b. Das System der Schmetterlinge. *Entomologische Rundschau* 42(5): 18-20 (15 May), (6): 21-23 (15 June), (7): 26-27 (15 July), (8): 29-31 (15 August), (9): 35-36 (15 September), (10): 38-40 (15 October), (11): 43-44 (15 November), (12): 46-48 (15 December) [general; Papilionidae]
1926. Das System der Schmetterlinge. II. Die Pieriden. *Entomologische Rundschau* 43(4): 15-16 (15 April), (5): 19-20 (15 May), (6): 21-22 (15 June), (7): 27-28 (15 July), (8): 29-30 (15 August), (9): 35-36 (15 September), (10): 38-39 (15 October), (11): 42-43 (15 November) [general]
- 1927a. *Stalachtis*. *Entomologische Rundschau* 44(4): 13-14 (15 April), (5): 19-20 (15 May) [general; life history; mimicry; South America]
- 1927b. Itatiaya. *Entomologische Rundschau* 44(8): 29-31 (15 August) [general; Brazil]
- 1927c. Das System der Schmetterlinge. III. Die Danaiden. *Entomologische Rundschau* 44(8): 32 (15 August) [general]
- 1927d. Itatiaya. *Entomologische Rundschau* 44(9): 33-35 (15 September) [general; Brazil]
- 1927e. Das System der Schmetterlinge. III. Die Danaiden. *Entomologische Rundschau* 44(9): 35-36 (15 September) [general]
- 1927f. Reisebericht. *Natur und Museum* 57(9): 428-433, 3 figs. (September) [general; Brazil]
- 1927g. Itatiaya. *Entomologische Rundschau* 44(10): 37-38 (15 October) [general; Brazil]
- 1927h. Das System der Schmetterlinge. III. Die Danaiden. *Entomologische Rundschau* 44(10): 39-40 (15 October) [general]
- 1927i. Reisebericht. *Natur und Museum* 57(10): 484-487, figs. 4-5 (October) [general; Brazil]
- 1927j. Itatiaya. *Entomologische Rundschau* 44(11): 42-43 (15 November) [general; Brazil]
- 1927k. Das System der Schmetterlinge. III. Die Danaiden. *Entomologische Rundschau* 44(11): 44 (15 November) [general]
- 1927l. Reisebericht. *Natur und Museum* 57(11): 536-542, 1 pl., figs. 1-2 (November) [general; Brazil]
- 1927m. Itatiaya. *Entomologische Rundschau* 44(12): 45-46 (15 December) [general; Brazil]
- 1927n. Das System der Schmetterlinge. III. Die Danaiden. *Entomologische Rundschau* 44(12): 47-48 (15 December) [general]
- 1927o. Reisebericht. *Natur und Museum* 57(12): 591-594 (December) [general; Brazil]
- 1927p. Ein Bild aus unserer Schmetterlings-Schaussammlung. *Natur und Museum* 57(12): 594-595, 1 fig. (December) [Papilionidae]
- 1928a. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(1): 3-4 (15 January) [general]
- 1928b. Reisebericht. *Natur und Museum* 58(1): 31-37, figs. 6-7 (January) [general; Brazil]
- 1928c. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(2): 8 (15 February) [general]
- 1928d. Reisebericht. *Natur und Museum* 58(2): 75-79 (February) [general; Brazil]
- 1928e. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(3): 9-10 (15 March) [general]
- 1928f. Reisebericht. *Natur und Museum* 58(3): 131-137 (March) [general; Brazil]
- 1928g. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(4): 14-16 (15 April) [general]
- 1928h. Reisebericht. *Natur und Museum* 58(4): 177-181, 2 figs. (April) [general; Brazil]
- 1928i. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(5): 20 (15 May) [general]
- 1928j. Reisebericht. *Natur und Museum* 58(5): 224-231, 5 figs. (May) [general; Brazil]
- 1928k. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(6): 23-24 (15 June) [general]
- 1928l. Reisebericht. *Natur und Museum* 58(6): 263-277, 8 figs. (June) [general; Brazil]
- 1928m. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(7): 27 (15 July) [general]
- 1928n. Reisebericht. *Natur und Museum* 58(7): 318-326, 4 figs. (July) [general; Brazil]
- 1928o. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(8): 31 (15 August) [general]
- 1928p. Reisebericht. *Natur und Museum* 58(8): 367-371, 1 fig. (August) [general; Brazil]
- 1928q. Das System der Schmetterlinge. IV. Die Satyromorphen. *Entomologische Rundschau* 45(9): 34-35 (15 September) [general]
- 1928r. Glossen zu vorstehenden Artikel: Die Falterfauna des Itatiaya. *Entomologische Rundschau* 45(12): 46-47 (15 December) [general; Brazil]
- 1929a. Weitere Beobachtungen und Betrachtungen über die Gattung *Stalachtis* und ihre Verwandten. *Entomologische Rundschau* 46(3): 9-12 (15 March), (4): 14-16 (15 April), (5): 19-20 (15 May), (6): 23 (15 June), (8): 30-31 (15 August) [general; South America]
- 1929b. Zu Stichels Kritik über meine Eryciniden-Arbeiten. I. (Lep. Rhopal.). *Deutsche entomologische Zeitschrift* 1929(3): 209-235, 3 figs. (1 October) [general; life histories; classification]
- 1929c. Weitere Beobachtungen und Betrachtungen über die Gattung *Stalachtis* und ihre Verwandten. *Entomologische Rundschau* 46(11): 42 (15 November), (12): 45-46 (15 December) [general; South America]
- 1930a. Wir wollen klar sehen. *Entomologische Rundschau* 47(2): 7-8 (15 February), (3): 9-12, 3 figs. (15 March) [general; Brazil]
- 1930b-31a. Goyaz-Reise. *Entomologische Rundschau* 47(8): 29-32, fig. 1 (15 August 1930), (9): 35-36, fig. 2 (15 September 1930), (10): 37-38 (15 October 1930), (11): 43-44 (15 November 1930), (12): 45-48, figs. 1-2 (15 December 1930); 48(1): 1-6, figs. 3-4 + [1] (1 January 1931), (4): 36-39, fig. 5 (15 February 1931), (5): 48-51, fig. 6 (1 March 1931), (7): 74-76, fig. 7 (1 April 1931), (8): 81-83, fig. 8 (15 April 1931), (10): 105-109, fig. 9 (15 May 1931) [general; Brazil]
- 1931b. Schmetterlings-Schwärme in Brasilien. *Natur und Museum* 61(6): 258-259, 2 figs. (1 June) [*Catopsilia* sp., *Terias* sp.; behavior]
- 1931c. Goyaz-Reise. *Entomologische Rundschau* 48(13): 137-140, fig. 10 (1 July), (14): 143-146 (15 July), (18): 184-189 (15 September), (19): 197-202, figs. 11-12 (1 October), (20): 205-213, fig. 13 (15 October), (21): 224-228, fig. 14 (1 November), (22): 236-242 (15

- November), (23): 245-248 (1 December) [general; Brazil]
- 1931d. [A note]. *Entomologische Rundschau* 48(23): 251-252 (1 December) [*Morpho aega* (Hübner); parasites; Brazil]
- 1931e-32a. Goyaz-Reise. *Entomologische Rundschau* 48(24): 257-263, figs. 15-16 (15 December 1931); 49(2): 11-15 (1 February 1932), (3): 17-21, fig. 1 (15 February 1932), (5/6): 41-47, fig. 2 (15 March 1932), (8): 73-77 (15 April 1932) [general; Brazil]
- 1932b. [A note]. *Entomologische Rundschau* 49(8): 79-80 (15 April) [Morphinae, Apaturinae; behavior; Paraguay]
- 1932c. Goyaz-Reise. *Entomologische Rundschau* 49(10): 91-94 (15 May), (11): 105-109 (1 June), (12): 118-123, fig. 4 [sic] (15 June), (13): 129-133 (1 July), (14): 139-143, fig. 4 (15 July), (15): 151-152 (1 August), (21): 218-219 (1 November), (22): 228-231 (15 November), (23): 238-243, figs. 5-6 (1 December), (24): 253-256, pl. 2 (15 December) [general; new taxa: *Ematurgina axenus* form *perrupta*, *E. a.* aberration *röberi*, *Diophthalma hyphea* form *prosoeca*; Brazil; Guyana]
1934. Fünf entomologische Tage. Der zweite Tag: Argentinien. *Entomologische Rundschau* 51(6): 49-57 (15 March) [general]
- 1936a. Warum überhaaren mancher Schmetterlinge ihre Eigelege mit der Analwolle? *Entomologische Rundschau* 53(19): 263-264, 2 figs. (1 April) [*Stalactis* spp.]
- 1936b. Raupenbilder aus Paraguay. *Entomologische Rundschau* 53(38): 537-539 (22 August), (40): 569-570 (8 September) [*Papilio* spp.]
1951. *Als Naturforscher durch alle Erdteile*. Frankfurt am Main, W. Kramer. 315 pp., 78 figs. [general; host plants; larvae, pupae, imagines; behavior; ecology; Argentina, Brazil]
- Seixas, Rany da Rocha, Suzane Evaristo dos Santos, Yukari Okada and André Victor Lucci Freitas**
2017. Population biology of the sand forest specialist butterfly *Heliconius hermathena hermathena* (Hewitson) (Nymphalidae: Heliconiinae) in Central Amazonia. *Journal of the Lepidopterists' Society* 71(3): 133-140, 6 figs., 2 tabs. (1 September) [Brazil]
- Selander, Richard Brent** [1927-1992], and **Patricia Vaurie**
1962. A gazetteer to accompany the "Insecta" volumes of the "Biologia Centrali-Americana". *American Museum Novitates* 2099: 1-70, 8 figs. (17 August)
- Seligmann, Johann Michael** [1720-1762]
- 1751-64. *Sammlung verschiedener ausländischer und seltener Vögel, worinnen ein jeder derselben nicht nur auf das genaueste beschrieben, sondern auch in einer richtigen und sauber illuminirten Abbildung vorgestellt wird*. Nürnberg, Johann Joseph Fleischmann. 2: [58] pp., pls. 51-102 (1751); 4: [100] pp., pls. 51-114 + 1 (1755); 6: [70] pp., pls. 53-105 (1764) [German ed. of G. Edwards, 1743-1751; a Dutch ed., 1772-1781] [general]
- [1777]. *Sammlung und Beschreibung ausländischer Schmetterlinge aus den drey Welttheilen Asia, Afrika und Amerika*. Nürnberg, Johann Michael Seligmanns sel. Erben. (1): i-xlviii, 1-24, pls. 1-12, (2): 25-48, pls. 13-24, (3): 49-72, pls. 25-36. [German translation of the first three parts ('Hefte') of Cramer, P., 1775-1780, q.v.] [general]
- Sellier, Robert** [1914-1990]
1971. Données sur les apports de la microscopie électronique à balayage, pour l'étude ultrastructurale des écailles alaires chez le lépidoptères diurnes. *Comptes Rendus hebdomadaires des Séances de l'Académie des Sciences* (Paris) (D) 273(22): 2097-2100, 4 pls. (29 November) [*Morpho menelaus* (Linnaeus)]
1972. L'étude de l'ultrastructure tégumentaire des lépidoptères, à l'aide de la microscopie électronique à balayage. *Alexanon* 7(6): 279-285, pls. 14-15, 1 fig. (24 June) [*Morpho menelaus* (Linnaeus)]
- Sellier, Robert, and Alain Barreau**
1977. Utilisation du nouveau procédé de métallisation par pulvérisation cathodique, pour l'étude en microscopie électronique par balayage, des productions tégumentaires des insectes. *Comptes Rendus hebdomadaires des Séances de l'Académie des Sciences* (Paris) (D) 285(10): 1053-1056, 8 figs. (24 October) [*Morpho menelaus* (Linnaeus); scale ultrastructure]
- Semir, João, and Keith Spalding Brown, Jr.**
1975. Maracujá: A flor da paixão. *Revista geográfica universal* (Rio de Janeiro) 5(2): 40-47, figs. (February) [*Heliconius wallacei flavescens* Weymer, *Eueides vibilia unifasciatus* Butler; Brazil]
- Semmens, Brice X.**
- 2017a. See Thogmartin, W. E. et al., 2017.
- 2017b. See Oberhauser, K. S. et al., 2017.
- Semmens, Brice X., Darius J. Semmens, Wayne E. Thogmartin, Ruscena Wiederholt, Laura López-Hoffman, Jay E. Diffendorfer, John M. Pleasants, Karen Suzanne Oberhauser and Orley Robert Taylor, Jr.**
2016. Quasi-extinction risk and population targets for the Eastern, migratory population of monarch butterflies (*Danaus plexippus*). *Scientific Reports* 6(23265): 1-7, 2 figs., 2 tabs. (published online 21 March) [Mexico]
- Semmens, Darius J.**
2016. See Semmens, B. X. et al., 2016.
- 2017a. See Thogmartin, W. E. et al., 2017.
- 2017b. See Oberhauser, K. S. et al., 2017.
- Senbeta, Feyera**
2011. See Laurance, W. F. et al., 2011.
- Sendoya, Sebastián Felipe**
2009. See Kaminski, L. A. et al., 2009b.
- Sendoya, Sebastián Felipe, André Victor Lucci Freitas and Paulo Sérgio Oliveira**
2009. Egg-laying butterflies distinguish predaceous ants by sight. *American Naturalist* 174(1): 134-140, 4 figs. (July) (*Eunica bechina* (Hewitson); host plant; Brazil)
- Sendoya, Sebastián Felipe, and Paulo Sérgio Oliveira**
2017. Behavioural ecology of defence in a risky environment: caterpillars versus ants in a Neotropical savanna. *Ecological Entomology* 42(5): 553-564, 3 figs., 3 tabs. (October; published online 4 May) [general; Brazil]
- Senior, Michael J. M.**
2011. See Lewis, O. T. & M. J. M. Senior, 2011.
- Senoh, Siro**
1967. See Tokuyama, T. et al., 1967.
- Seña, Leidys Isabel**
2013. See Boom, C. J. et al., 2013.
2015. See Vargas, M. A. et al., 2015.
- Sepp, Jan** [1778-1853]
- [1829-43]. *Natuurlijke Historie van Surinaamsche Vlinders, naar het leven geteekend. Papillons de Surinam dessinés d'après nature*. Amsterdam, Jan Christian Sepp en Zoon. 1(1): 1-16, pls. 1-4 ([1829]), (2): 17-24, pls. 5-8 ([1829]), (3): 25-32, pls. 9-12 ([1830]), (4): 33-40, pls. 13-16 ([1830]), (5): 41-48, pls. 17-20 ([1832]),

- (6): 49-56, pls. 21-24 ([1832-40]), (7): 57-64, pls. 25-28 ([1832-40]), (8): 65-72, pls. 29-32 ([18 December 1840]), (9): 73-80, pls. 33-36 ([11 December 1841]), (10): 81-88, pls. 37-40 ([11 December 1841]), (11): 89-96, pls. 41-44 ([19 November 1842]), (12): 97-104, pls. 45-48 ([31 December 1842]), (13): i-viii, 105-108, pls. 49-50 ([29 December 1843]) [based on drawings and notes by H. J. Scheller] [general; host plants; larvae, pupae, imagines; new species: *Papilio baeton*, *P. leucogramma*, *P. ingae*, *P. hyperici*, *P. longirostris*, *P. erythromelas*, *P. pyrophoros*, *P. fulminator*, *P. lucidator*, *P. rubricollis*, *P. paullinia*]
- [1843-47]. *Surinaamsche Vlinders...* Amsterdam, Jan Christian Sepp en Zoon. 2(13): 109-112, pls. 51-52 ([29 December 1843]), (14): 113-120, pls. 53-56 ([29 December 1843]), (15): 121-128, pls. 57-60 ([27 August 1844]), (16): 129-136, pls. 61-64 ([30 December 1844]), (17): 137-144, pls. 65-68 ([18 October 1845]), (18): 145-152, pls. 69-72 ([18 October 1845]), (19): 169-176, pls. 73-76 ([27 December 1845]), (20): 177-184, pls. 77-80 ([29 June 1846]), (21): 185-192, pls. 81-84 ([26 March 1847]), (22): 193-200, pls. 85-88 ([30 December 1846]), (23): 201-208, pls. 89-92 ([26 March 1847]), (24): 209-216, pls. 93-96 ([13 July 1847]), (25): i-iv, 217-224, pls. 97-100 ([31 December 1847]) [based on drawings and notes by H. J. Scheller] [general; host plants; larvae, pupae, imagines; new species: *Papilio decemmaculata*, *P. cassiae*, *Hesperia octomaculata*, *Papilio quadratum*, *P. xanthe*, *P. longicauda*, *P. tetrastigma*]
- [1848-52]. *Surinaamsche Vlinders...* Amsterdam, Jan Christian Sepp en Zoon. 3(26): 225-232, pls. 101-104 ([12 August 1848]), (27): 233-240, pls. 105-108 ([19 September 1848]), (28): 241-248, pls. 109-112 ([30 December 1848]), (29): 249-256, pls. 113-116 ([12 September 1849]), (30): 257-264, pls. 117-120 ([10 December 1849]), (31): 265-272, pls. 121-124 ([25 October 1850]), (32): 273-280, pls. 125-128 ([31 December 1850]), (33): 281-288, pls. 129-132 ([31 July 1851]), (34): 289-296, pls. 133-136 ([31 July 1851]), (35): 297-304, pls. 137-140 ([12 November 1851]), (36): 305-312, pls. 141-144 ([19 December 1851]), (37): 313-320, pls. 145-148 ([26 November 1852]), (38): i-viii, 321-328, pls. 149-152 ([26 November 1852]). [based on drawings and notes by H. J. Scheller] [general; host plants; larvae, pupae, imagines; new species: *Papilio nigrocinctus*, *P. mammeae*, *P. uraniae*, *P. barcastus*, *P. albusta*, *P. flavomarginatus*, *P. dirceoides*]
- Sept, J. Duane** [1950- ]
2003. *Tropical butterflies of the world*. Sechelt, Calypso Publishing. 80 pp., figs. [general]
- Sepúlveda, Einer**
2013. See Sanzana, M.-J. et al., 2013.
- Sepúlveda, Paula Andrea**
- 2012a. See La Pava, N. de & P. A. Sepúlveda
- 2012b. See Brochero, C. E. et al., 2012.
- Seraphim, Noemy**
2015. See Kaminski, L. A. et al., 2015b.
2017. See Kaminski, L. A. et al., 2017.
- 2019a. See Iserhard, C. A. et al., 2019.
- 2019b. See Chazot, N. et al., 2019b.
- Seraphim, Noemy, Mariana Araújo Barreto, Gilberto de Souza Soares de Almeida, Alexandre Pimenta Esperanço, Ricardo Ferreira Monteiro, Anete Pereira de Souza, André Victor Lucci Freitas and Karina Lucas Silva-Brandão**
2016. Genetic diversity of *Parides ascanius* (Lepidoptera: Papilionidae: Troidini): implications for the conservation of Brazil's most iconic endangered invertebrate species. *Conservation Genetics* 17(3): 533-546, 6 figs., 7 tabs. (June; published online 21 December 2015)
- Seraphim, Noemy, Lucas Augusto Kaminski, Philip James DeVries, Carla Maria Penz, Curtis John Callaghan, Niklas Wahlberg, Karina Lucas Dilva-Brandão and André Victor Lucci Freitas**
2018. Molecular phylogeny and higher systematics of the metalmark butterflies (Lepidoptera: Riodinidae). *Systematic Entomology* 43(2): 407-425, 3 figs., 3 tabs. (April; published online 11 January) [general; new taxa: Calydini, Sertaniini, Dianesiini, Emesidini, Zabuellina, Pachythronina, Pandemina]
- Seraphim, Noemy, Mario Alejandro Marín, André Victor Lucci Freitas and Karina Lucas Silva-Brandão**
2014. Morphological and molecular marker contributions to disentangling the cryptic *Hermeuptychia hermes* species complex (Nymphalidae: Satyrinae: Euptychiina). *Molecular Ecology Resources* 14(1): 39-49, 3 figs., 1 tab. (January; published online 6 September 2013) [general; Neotropics]
- Séraphin, Gilles**
2012. Le complexe *Agrias amydon* dans le haut bassin amazonien (Equateur, Pérou, Brésil, Bolivie) (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 117(4): 461-472, 13 figs. ([11 December) [new subspecies: *A. amydonius lathyi*, *A. a. philoxenus*, *A. a. klugii*]
2014. Description de deux nouvelles sous-espèces d'*Agrias* du Pérou (Lepidoptera Nymphalidae Charaxinae Preponini). *Antenor* 1(1): 107-119, 13 figs., 2 maps ("28", [30] May) [*A. beatifica lachaumei*, *A. aedon jouberti*; Ecuador]
2015. Les sous-espèces colombiennes de *Pterourus menatius* Hübner (Lepidoptera Papilionidae Papilioninae). *Antenor* 2(2): 198-209, 1 pl., 9 figs., 1 tab. ("20", [23] December) [new subspecies: *P. m. elvirae*]
2016. Les populations d'*Agrias beatifica* dans les vallées andines du Pérou (Lepidoptera [sic] Nymphalidae Charaxinae Preponini). *Antenor* 3(1): 50-64, 2 + 7 figs., 1 tab., 1 map. ("30 June", [11 July]) [new subspecies: *A. b. elata*]
2017. *Agrias phalcidon* Hewitson et sa variation géographique au nord du fleuve Amazone (Brésil, Colombie) (Lepidoptera [sic] Nymphalidae Charaxinae Preponini). *Antenor* 4(1): 79-86, 15 figs., 1 tab., 1 map ("15", [14] June) [new subspecies: *A. p. cyaneigera*, *A. p. penthesilea*]
- 2018a. *Agrias*: esquisse d'une phylogénie au regard de résultats du barcoding moléculaire. *Antenor* 5(2): 99-142, 19 figs., 4 maps ("November", 28 December) [general; Central and South America]
- 2018b. [A note]. *Antenor* 5(2): 188 ("November", 28 December) [*Agrias phalcidon penthesilea* Séraphin]
- Séraphin, Gilles, and Stéphane Attal**
2009. Deux sous-espèces d'*Agrias claudina* Godart du Bas-Amazon: *A. claudina croesus* Staudinger et *A. cl. lucianus* n. ssp. (Lepidoptera, Nymphalidae). *Bulletin de la Société entomologique de France* 114(1): 29-38, 10 figs., 1 map ([12] March) [Brazil]
- Seres, Alberto, and Nelson Luis Ramirez**

1995. Biología floral y polinización de algunas monocotiledóneas de un bosque nublado venezolano. *Annals of the Missouri botanical Garden* 82(1): 61-81, 4 tabs. (23 February) [*Dismorphia crisia foedora* (Lucas)]
- Serfas, Michael S.**  
2004. See Reed, R. D. & M. S. Serfas, 2004.
- Serpijerri, Dione**  
2016. See Ferreira, V. de S. et al., 2016.
- Sermeño, José Miguel**  
2008. See Gómez, R. E. et al., 2008.  
2009. See López-Sorto, R. E. & J. M. Sermeño, 2009.  
2014a. See Gómez, R. E. et al., 2014.  
2014b. Una hoja seca que vuela. *Consul fabius* (Cramer, 1776) (Lepidoptera: Nymphalidae: Charaxinae). *Bioma* (San Salvador) 2(15): 45-53, 6 figs. (January) [larva, pupa, imago; host plants; behavior; El Salvador]  
2015a. See López-Sorto, R. E. & J. M. Sermeño, 2015a.  
2015b. See López-Sorto, R. E. & J. M. Sermeño, 2015b.
- Sermeño, José Miguel, and Gustavo Henríquez**  
2013. Bioecología y migración de la mariposa *Eunica monima* (Stoll) (Lepidoptera: Nymphalidae) en El Salvador. *Bioma* (San Salvador) 1(8): 37-43, 6 figs. (June) [life history; host plant; behavior]
- Sermeño, José Miguel, and Rubén Ernesto López-Sorto**  
2015. Descripciones del ciclo biológico de *Chlosyne rosita* Hall, 1924 (Lepidoptera: Nymphalidae) en El Salvador. *Bioma* (San Salvador) 3(33): 12-18, 7 figs. (July) [egg, larva, pupa, imago; host plants]
- Sermeño, José Miguel, Rubén Ernesto López-Sorto and Dagoberto Pérez**  
2014a. Notas sobre el ciclo biológico de la mariposa *Marpesia chiron* (Fabricius 1775) (Lepidoptera: Nymphalidae), alimentándose con hojas de ojushte *Brosimum alicastrum* Swartz (Moraceae) en El Salvador. *Bioma* (San Salvador) 2(19): 49-55, 5 figs. (May) [egg, larva, pupa, imago; host plants]  
2015a. Reporte de *Opsiphanes boisduvalii* Doubleday (1849) (Lepidoptera: Nymphalidae) en el Área Natural Protegida La Magdalena, Santa Ana, El Salvador. *Bioma* (San Salvador) 3(27): 29-36, 5 figs. (January) [life history; host plants; conservation]
- Sermeño, José Miguel, and Fidel Ángel Parada**  
2013. Insectos asociados al árbol de nance (*Byrsonima crassifolia*: Malpigiaceae [sic]) en el departamento de Sonsonate, El Salvador. *Bioma* (San Salvador) 1(7): 29-36, figs. (May) [*Macrosoma* sp., *Emesis mandana* (Cramer), *Chiomara asychis* (Stoll), *Siderus leucophaeus* (Hübner); host plant]
- Sermeño, José Miguel, and Dagoberto Pérez**  
2015a. Descripciones del ciclo biológico de la mariposa del repollo *Leptophobia aripa* (Boisduval 1836) (Lepidoptera: Pieridae) en El Salvador. *Bioma* (San Salvador) 3(34): 7-14, 9 figs. (August) [egg, larva, pupa, imago; host plants; parasitoids; pathogens]  
2015b. Gusano del repollo *Ascia monuste* (Linnaeus, 1764) (Lepidoptera: Pieridae). *Bioma* (San Salvador) 3(35): 7-13, 6 figs. (September) [egg, larva, pupa, imago; host plants; parasitoids, pathogen; El Salvador]  
2015c. Ciclo biológico de *Opsiphanes cassina* (Boisduval 1870) (Lepidoptera: Nymphalidae) en El Salvador. *Bioma* (San Salvador) 3(36): 9-18, 9 figs. (October) [egg, larva, pupa, imago; host plants; parasitoids, predators]
- Sermeño, José Miguel, Dagoberto Pérez and Rubén Ernesto López-Sorto**  
2015b. Aspectos del ciclo biológico de *Euptoieta hegesia* (Cramer, 1779) (Lepidoptera: Nymphalidae) criada en El Salvador. *Bioma* (San Salvador) 3(30): 7-16, 8 figs. (April) [egg, larva, pupa, imago; host plants]
- Sermeño, José Miguel, Dagoberto Pérez, Fidel Ángel Parada, Rafael Antonio Menjivar and Rosa María Estrada**  
2014b. *Guía ilustrada de artrópodos asociados al árbol de ojushte* (*Brosimum alicastrum* Swartz) en El Salvador. San Salvador, Universidad de El Salvador, Facultad de Ciencias Agronómicas. 27 pp., 30 figs. (November) [also in *Bioma* (San Salvador) 3(25): 58-80, 29 figs. (November)] [*Marpesia chiron* (Fabricius); life history; host plant]
- Sermeño, José Miguel, Dagoberto Pérez and Carmen Susana Pérez**  
2015c. *Pterourus menatius laetitia* (Butler, 1872) y *Pterourus menatius victorinus* (Doubleday, 1844) (Lepidoptera: Papilionidae) alimentándose de hojas del árbol de aguacate (*Persea americana* Miller) en El Salvador. *Bioma* (San Salvador) 4(38): 7-20, 13 figs. (December) [eggs, larvae, pupae, imagos; host plant]  
2016. *Theritas lisus* (Stoll, 1790) (Lepidoptera: Lycaenidae) en árboles de paterno (*Inga paterno* Harms) y almendro de río (*Andira inermis* (Wright)) en El Salvador. *Bioma* (San Salvador) 4(39): 7-16, 8 figs. (January) [egg, larva, pupa, imago; host plants]
- Sermeño, José Miguel, Dagoberto Pérez, L. Serrano, M. E. Parada, A. L. Joyce, E. J. Maldonado, Y. A. Alvanes, F. M. Rodríguez, C. D. Girón, D. A. García, E. E. Hernández, F. Rivas, F. A. Rivera, Fidel Ángel Parada, Efraín Antonio Rodríguez, E. A. Vásquez and L. M. Lovo**  
2019. *Diversidad de artrópodos y sus enemigos naturales asociados al café* (*Coffea arabica* L.) en El Salvador. San Salvador, Universidad de El Salvador, Facultad de Ciencias Agronómicas. 246 pp., figs. [*Anteros carausius* (Westwood)]
- Sermeño, José Miguel, Andrés Wilfredo Rivas, Miguel Angel Hernández, Mario Antonio Orellana, Luis Fernando Castaneda, Rafael Stanley Cano and Evelia del Carmen Martínez**  
2008. Mariposas de la subcuenca del Río Jupula, Departamento de Chalatenango, El Salvador. *Mesoamericana* 12(3): 116 (November) [general]
- Sermeño, José Miguel, Robert Kanner Robbins, Gerardo Lamas and Juan Andrés Gámez**  
2013. Cría en laboratorio de las "joyas vivientes" de El Salvador, *Evenus regalis* (Cramer) y *Evenus batesii* (Hewitson) (Lepidoptera: Lycaenidae). *Bioma* (San Salvador) 1(3): 4-9, 44-48, figs. ([1] January) [eggs, larvae, pupae, imagos; host plants; parasitoid]
- Serpa-Filho, Arlindo**  
2019. See Freitas, J. et al., 2019.
- Serra, Gerardo V.**  
2011. See Ávalos, D. S. et al., 2011.
- Serra, Gerardo V., Norma C. La Porta, Delia Susana Ávalos and Vilma Mazzuferi**  
2013. Fixed-precision sequential sampling plans for estimating alfalfa caterpillar, *Colias lesbia*, egg density in alfalfa, *Medicago sativa*, fields in Córdoba, Argentina. *Journal of Insect Science* 13(41): 1-9, 4 figs., 1 tab. (13 May) [host plant]
- Serra, Gerardo V., Norma C. La Porta, Vilma Mazzuferi and Delia Susana Ávalos**  
2006. Distribución espacial de huevos de *Colias lesbia*

- (Lepidoptera: Pieridae) en lotes de alfalfa en la región central de Córdoba (Argentina). *Agriscientia* 22(2): 79-85, 4 figs., 1 tab. [host plant]
- Serrano, Alberto**  
1992. See García, F. et al., 1992.
- Serrano, David**  
2005. See Fleming, T. H. et al., 2005.
- Serrano, Francisco** [1946- ]  
1994. *How dangerous are Salvadorean Papilios?*, pp. 188-124, 2 tabs. In: *Invertebrates in Captivity 1994*. Tucson, Sonoran Arthropod Studies Institute. [general; El Salvador]  
1995. *Invertebrados terrestres (artrópodos)*, pp. 241-270, figs. In: Serrano, F. (Ed.), *Historia Natural y Ecología de El Salvador. Tomo 1*. San Salvador, Ministerio de Educación (September) [general; El Salvador]
- Serrano, Francisco, and Miguel Eliseo Serrano**  
1972. Las mariposas de El Salvador. Primera parte. Papilionidae. *Comunicaciones. Instituto de Ciencias naturales. Universidad de El Salvador* (2)1(1): 44-78, 8 pls. (March) [general; host plants; ecology; behavior]
- Serrano, L.**  
2019. See Sermeño, J. M. et al., 2019.
- Serrano, Miguel Eliseo** [1939- ]  
1972. See Serrano, F. & M. E. Serrano, 1972.
- Serrano-Meneses, Martín Alejandro**  
2007. See Martínez-Lendech, N. et al., 2007.  
2009. See Córdoba-Aguilar, A. et al., 2009.
- Serrão, José Eduardo**  
2009a. See Soares, M. A. et al., 2009.  
2009b. See Silva, C. A. D. da et al., 2009.  
2012. See Leite, G. L. D. et al., 2012.  
2013a. See Ribeiro, R. C. et al., 2013.  
2013b. See Tavares, W. de S. et al., 2013a.  
2013c. See Tavares, W. de S. et al., 2013b.  
2014. See Tavares, W. de S. et al., 2014.  
2016. See Rodríguez-Dimaté, F. A. et al., 2016.  
2018. See Martínez, L. C. et al., 2018.
- Servín, Jorge**  
2017. See Álvarez, H. et al., 2017.
- Servín-Garcidueñas, Luis Eduardo, and Esperanza Martínez-Romero**  
2014. Complete mitochondrial genome recovered from the gut metagenome of overwintering monarch butterflies, *Danaus plexippus* (L.) (Lepidoptera: Nymphalidae, Danainae). *Mitochondrial DNA* 25(6): 427-428, 1 fig. (December; published online 8 July 2013) [Mexico]
- Servín-Garcidueñas, Luis Eduardo, Andrés Sánchez-Quinto and Esperanza Martínez-Romero**  
2014. Draft genome sequence of *Commensalibacter papalotli* MX01, a symbiont identified from the guts of overwintering monarch butterflies. *Genome Announcements* 2(2)(e00128-14): 1-2 (April; published online 6 March) [*Danaus plexippus* (Linnaeus); Mexico]
- Seta, Francisco Dandolo de**  
1939. See Biezanko, C. M. & F. D. de Seta, 1939.
- Settle, Josef, and Roland Van Gyseghem**  
1992. Die Schmetterlingssammlungen des Pfalz museums für Naturkunde (Pollichia-Museum) in Bad Dürkheim (Rheinland-Pfalz, Deutschland) (Lepidoptera). *Nota lepidopterologica. Supplement* 4: 146-152, 1 tab. (30 November) [general]
- Seufert, Peter**  
1996. See Fiedler, K. et al., 1996.
- Seurat, Léon-Gaston** [1872-1949]
1898. Métamorphoses du *Papilio daunus*. *Memorias y Revista de la Sociedad científica "Antonio Alzate"* 11(1/4): 33-36, pl. 1. [Mexico]
1899. Moeurs et métamorphoses d'une piéride des environs de Mexico. *Bulletin du Muséum national d'Histoire naturelle* (Paris) 5(3): 138-139. [*Pieris elodia* Boisduval, *Papilio daunus* Boisduval]
1901. Moeurs et métamorphoses d'une piéride des environs de Mexico. *Revista científica y bibliográfica. Sociedad científica "Antonio Alzate"* 15(3/4): 47-48. [*Pieris elodia* Boisduval]
- Sevastopulo, Demetrius George** [1903-1987]  
1969. Collecting Ithomiidae with heliotrope. *Entomologist's Record and Journal of Variation* 81(9): 251 (15 September) [general]  
1976. Charaxinae (Nymphalidae): Old World versus New. *Journal of the Lepidopterists' Society* 30(2): 150 (12 July) [*Anaea eurypyle confusa* Hall; behavior]
- Seven, Selma, and Seveda Bulguer**  
1991. A bibliographical list of the homonymous generic names in Zoology based on S. A. Neave's Nomenclator Zoologicus (Vols. I-VII). *Memoirs. Centre for entomological Studies* (Ankara) 1: i-x, 1-114 (25 June) [general]
- Sewlal, Jo-Anne Nina**  
2003. Field trip report. La Laja Waterfall - February 23, 2003. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2003(2): 4-5 (April-June) [general; Trinidad]  
2004. Field trip report. Proposed Mantura National Park - June 27, 2004. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2004(3/4): 9, 12, 24, 1 fig. (July-December) [*Morpho peleides* Kollar; Trinidad]  
2005. Field trip report. Proposed Nariva Swamp National Park. August 29, 2004. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2005(1): 8-9 (January-March) [general; Trinidad]
- Seydel, Charles-Henri-Victor** [1873-1960]  
1924a. *Eryphanis seleucida* (Hew.) ♂ (Lep. Brassol.). *Neue Beiträge zur systematischen Insektenkunde* 3(4): 30-32 (15 July) [general; new genus: *Caligopsis*; Brazil]  
1924b. *Lymanopoda excisa decorata*, subsp. nov. (Lep. Satyr.). Nach einem ♂ aus Columbien, Rio Putumayo-Gebiet: Santiago de Suvunday [sic], März 1921, e. coll. W. Hopp. *Neue Beiträge zur systematischen Insektenkunde* 3(4): 32 (15 July)  
1925. *Agrias pericles* f. n. *niepelti* ♂. *Entomologische Rundschau* 42(1): 4 (15 January) [general; Peru]
- Seymoure, Brett M.**  
2016a. See Brashears, J. et al., 2016.  
2016b. See Thurman, T. J. & B. M. Seymoure, 2016.  
2019. See Briolat, E. S. et al., 2019.
- Seymoure, Brett M., and Annette Aiello**  
2015. Keeping the band together: evidence for false boundary disruptive coloration in a butterfly. *Journal of evolutionary Biology* 28(9): 1618-1624, 3 figs., 1 tab. (September; published online 14 July) [*Anartia fatima* (Fabricius); Panama]
- Seymoure, Brett M., William Owen McMillan and Ronald L. Rutowski**  
2015. Peripheral eye dimensions in longwing (*Heliconius*) butterflies vary with body size and sex but not light environment nor mimicry ring. *Journal of Research on the Lepidoptera* 48: 83-92, 7 figs., 2 tabs. (31 December; published online 27 November) [general;

- Panama]
- Seymour, Brett M., Andrew Raymundo, Kevin J. McGraw, William Owen McMillan and Ronald L. Rutowski**
2018. Environment-dependent attack rates of cryptic and aposematic butterflies. *Current Zoology* 64(5): 663-669, 2 figs., 1 tab. (October; published online 28 October) [*Heliconius melpomene* (Linnaeus), *H. cydno* (Doubleday), *Junonia coenia* Hübner; Panama]
- Sezutsu, Hideki**
2014. See Suzuki, T. K. et al., 2014.
2019. See Suzuki, T. K. et al., 2019.
- Shaak, Steven G., and Brian A. Counterman**
2017. High warning colour polymorphism in *Heliconius* hybrid zone roosts. *Ecological Entomology* 42(3): 315-324, 2 figs., 2 tabs. (June; published online 24 January) [*H. erato* (Linnaeus); French Guiana]
- Shah, A.**
2015. See Huber, B. et al., 2015.
- Shahabuddin, Ghazala, and César Aponte**
2005. Frugivorous butterfly species in tropical forest fragments: correlates of vulnerability to extinction. *Biodiversity and Conservation* 14(5): 1137-1152, 1 fig., 3 tabs. (May; published online 19 April) [general; Venezuela]
- Shahabuddin, Ghazala, Gudrun A. Herzner, César Aponte and María del Carmen Gómez**
2000. Persistence of a frugivorous butterfly species in Venezuelan forest fragments: the role of movement and habitat quality. *Biodiversity and Conservation* 9(12): 1623-1641, 6 figs., 1 tab. (December) [*Hamadryas februa* (Hübner); Venezuela]
- Shahabuddin, Ghazala, and John Whittle Terborgh**
1999. Frugivorous butterflies in Venezuelan forest fragments: abundance, diversity and the effects of isolation. *Journal of tropical Ecology* 15(6): 703-722, 4 figs., 3 tabs. (November) [general]
- Shahani, Priya C., Guadalupe del Río, Phillip J. Schappert and Eligio García**
2015. *Monarch habitat conservation across North America. Past progress and future needs*, pp. 31-41. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Mexico]
- Shang, Wen**
2018. See Rodríguez, R. E. et al., 2018.
- Shannon, William Cummings** [1851-1905]
1898. Appendix IX. Report on the insects collected in Central America, pp. 355-360. In: Macomb, M. M., *Report of surveys and explorations made by Corps No. 1 in Guatemala, El Salvador, Honduras, Nicaragua and Costa Rica. 1891-1893*. Washington, D. C., Intercontinental Railway Commission. 1(2). [general]
- Shanower, Thomas G.**
2001. See Peter, A. J. & T. G. Shanower, 2001.
- Shapiro, Alexandra M.**
2003. See Hay-Roe, M. M. et al., 2003.
- Shapiro, Arthur Maurice** [1946- ]
- 1977a. The life history of *Reliquia santamarta*, a Neotropical alpine pierine butterfly (Lepidoptera: Pieridae). *Journal of the New York entomological Society* 86(1): 45-50, 7 figs. (14 July) [host plant; egg, larva, pupa; ecology; Colombia]
- 1977b. The life-history of an equatorial montane butterfly, *Tatochila xanthodice* (Lepidoptera: Pieridae). *Journal of the New York entomological Society* 86(1): 51-55, 7 figs. (14 July) [host plants; egg, larva, pupa; ecology; Colombia]
- [1978]a. Notes on the disappearing humid Neotropics. *Wings* 4(2): 4-6 ("December 1977", [February 1978]) [*Tatochila xanthodice* (Lucas); Colombia]
- [1978]b. Evidence for obligate monophenism in *Reliquia santamarta*, a Neotropical-alpine pierine butterfly (Lepidoptera: Pieridae). *Psyche* (Cambridge) 84(2): 183-190, 2 figs. ("June 1977", [28 March 1978]) [Colombia]
- 1978c. Phenotypic and behavioral convergence of "silver-spotted skippers" (Lepidoptera: Hesperidae). *Biotropica* 10(2): 159-160, 1 fig. (June) [general; Central and South America]
- 1978d. Developmental and phenotypic responses to photoperiod and temperature in an equatorial montane butterfly, *Tatochila xanthodice* (Lepidoptera: Pieridae). *Biotropica* 10(4): 297-301, 1 fig. (December) [Colombia]
- 1979a. Notes on the behavior and ecology of *Reliquia santamarta*, an alpine butterfly (Lepidoptera: Pieridae) from the Sierra Nevada de Santa Marta, Colombia, with comparisons to Nearctic alpine Pierini. *Studies on neotropical Fauna and Environment* 14(2/3): 161-170, 5 figs. (September)
- 1979b. The life history of the *autodice* and *sterodice* species groups of *Tatochila* (Lepidoptera: Pieridae). *Journal of the New York entomological Society* 87(3): 236-255, 6 figs. (18 October) [general; Argentina, Chile, Colombia]
1980. Convergence in pierine polyphenisms (Lepidoptera). *Journal of natural History* 14(6): 781-802, 8 figs., 8 tabs. ([22 October]) [general; South America]
- 1981a. The pierid red-egg syndrome. *American Naturalist* 117(3): 276-294, 3 figs., 7 tabs. (March) [*Heliconius*]
- 1981b. Physiological and developmental responses to photoperiod and temperature as data in phylogenetic and biogeographic inference. *Systematic Zoology* 29(4): 335-341 (6 April) [Pieridae; South America]
- 1982a. Notas sobre los estadios inmaduros de la mariposa plateada, *Argyrophorus argenteus* Blanchard (Lepidoptera: Satyridae). *Revista de la Sociedad mexicana de Lepidopterología* 7(1): 29-31, 8 figs. (25 February) [Argentina]
- 1982b. Survival of refrigerated *Tatochila* butterflies (Lepidoptera: Pieridae) as an indicator of male nutrient investment in reproduction. *Oecologia* 53(1): 139-140, 1 tab. (April) [South America]
- 1982c. The biological and systematic significance of red fecal and meconial pigments in butterflies: A review with special reference to the Pieridae. *Journal of Research on the Lepidoptera* 20(2): 97-102, 1 fig. (20 September) [general]
- 1983a. A new record of *Vanessa virginiensis* "ab. *ahwashtee*" from Northern California (Lepidoptera: Nymphalidae). *Journal of Research on the Lepidoptera* 20(3): 176-178, 2 figs. (15 April) [*Vanessa carye* (Hübner)]
- 1983b. A reared gynandromorph of *Tatochila* (Pieridae). *Journal of Research on the Lepidoptera* 20(4): 240-242, fig. 2 (15 April) [Argentina]
- 1983c. An apparent "intersexual" *Colias eutytheme* (Pieridae). *Journal of Research on the Lepidoptera* 20(4): 241, 244, fig. 4 (15 April) [*C. flaveola* Blanchard, *C. weberbaueri* Strand; South America]
- 1983d. Two homoeotic *Pieris rapae* of Mexican origin (Pieridae). *Journal of Research on the Lepidoptera* 20(4): 242-244, figs. 3, 5 (15 April)

- 1983e. Errores en plantas huésped de mariposas mexicanas como una extrapolación de la literatura estadounidense. *Revista de la Sociedad mexicana de Lepidopterología* 8(2): 47-48 (15 Augsut) [general]
- 1983f. See Kellner, C. V. & A. M. Shapiro, 1983.
- 1984a. Hunting white butterflies. *Explorers Journal* 61(4): 148-153, figs. (February) [*Reliquia santamarta* Ackery, *Tatochila xanthodice* (Lucas); Colombia]
- 1984b. A recessive lethal "wingless" mutation in *Tatochila* (Pieridae). *Journal of Research on the Lepidoptera* 22(4): 262-263, 1 fig. (15 March) [Chile, Argentina]
- 1984c. Population biology of tropical insects. Young, Allen M. *Journal of Research on the Lepidoptera* 23(1): 112 (15 June) [general; book review]
- 1984d. Butterflies of South America. D'Abrera, Bernard. *Journal of Research on the Lepidoptera* 23(2): 172-174 (31 December) [general; book review]
- 1984e. Polyphenism, phyletic evolution, and the structure of the pierid genome. *Journal of Research on the Lepidoptera* 23(3): 177-195 (31 December) [general]
- 1984f. *Experimental studies on the evolution of seasonal polyphenism*, pp. 297-307, 5 figs., 3 tabs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [*Tatochila* spp.; Chile, Argentina]
- 1984g. *The genetics of seasonal polyphenism and the evolution of "general purpose phenotypes" in butterflies*, pp. 16-30, 7 figs. In: Wöhrmann, K. & V. Loeschke (Eds.), *Population biology and evolution*. Berlin, Springer-Verlag. [Pieridae; South America]
- 1984h. Photoperiodism and physiological ecology of a relict equatorial alpine butterfly. *National geographic Society Research Reports* 17: 793-800, 1 fig. [*Reliquia santamarta* Ackery; Colombia]
- 1985a. Behavioral and ecological observations of Peruvian high-Andean pierid butterflies (Lepidoptera). *Studies on neotropical Fauna and Environment* 20(1): 1-12, 6 figs. (January) [general; *Hylephila bouletti peruana* Draudt, *Hylephila* sp., *Pyrgus* sp.]
- 1985b. A melanic *Colias euxanthe stuebeli* from Peru (Pieridae). *Journal of Research on the Lepidoptera* 24(1): 87, 1 fig. (15 September)
- 1985c. Phenetics and ecology of hybridization in buckeye butterflies (Lepidoptera, Nymphalidae). Hafernik, H. E., Jr. *Journal of Research on the Lepidoptera* 24(1): 89-91 (15 September) [general; review]
- 1985d. The genetics of polyphenism and its role in phylogenetic interpretation of the *Tatochila sterodice* species-group (Pieridae) in the Andean-Neantarctic region. *Journal of Research on the Lepidoptera Supplement* 1: 24-31, 1 fig. ([after October]) [South America]
- 1986a. The life history of *Tatochila distincta distincta*, a rare butterfly from the puna of Northern Argentina (Lepidoptera: Pieridae). *Journal of the New York entomological Society* 94(4): 526-530, 9 figs. (16 October)
- 1986b. See Courtney, S. P. & A. M. Shapiro, 1986a.
- 1986c. Intergradation of *Tatochila autodice* and *T. blanchardii* (Lepidoptera: Pieridae) in North-western Patagonia. *Journal of natural History* 20(6): 1309-1320, 7 figs., 1 tab. ([1] December) [Chile, Argentina]
- 1986d. See Courtney, S. P. & A. M. Shapiro, 1986b.
- 1986e. *r-K selection at various taxonomic levels in the pierid butterflies of North and South America*, pp. 135-152, 3 figs., 3 tabs. In: Taylor, F. & R. Karban (Eds.), *The evolution of insect life cycles*. New York, Springer-Verlag. [general]
1988. Butterflies in Mesoamerica. *Ecology* 69(3): 875-876 (June) [book review]
- 1989a. See Franco, A. et al., 1989.
- 1989b. See Geiger, H. et al., 1989.
- 1989c. Ignorance in high places. *Paleobiology* 15(1): 61-67 [book review]
- 1989d. Homosexual pseudocopulation in *Eucheira socialis* (Pieridae). *Journal of Research on the Lepidoptera* 27(3/4): 262, 1 fig. (10 December) [Mexico]
- 1989e. Observaciones acerca de las mariposas fueguinas. *Praxis* (Ushuaia) 1(9): 43-45, 1 pl. [general; ecology; behavior; Argentina]
- 1990a. See Porter, A. H. & A. M. Shapiro, 1990.
- 1990b. The biology of *Colias blameyi* (Pieridae) the "Green Sulphur" of the Argentine Puna. *Journal of Research on the Lepidoptera* 28(1/2): 14-25, 12 figs. (25 July) [egg, larva, pupa; host plants]
- 1990c. A new specimen of *Vanessa braziliensis* "ab. dallasi" (Nymphalidae) from Argentina. *Journal of Research on the Lepidoptera* 28(1/2): 126-128, 1 fig. (25 July)
- 1990d. The life histories and behavior of the Patagonian-Fuegian white butterflies *Hypsochila microdice* and *H. galactodice* (Lepidoptera: Pieridae). *Journal of the New York entomological Society* 98(4): 461-473, 15 figs., 1 tab. (14 November) [Argentina]
- 1991a. The biology and zoogeography of the legume-feeding Patagonian-Fuegian white butterfly *Tatochila theodice* (Lepidoptera: Pieridae). *Journal of the New York entomological Society* 99(2): 251-260, 8 figs. (29 May) [egg, larva, pupa, imago; host plants; ecology; Chile, Argentina]
- 1991b. The zoogeography and systematics of the Argentine Andean and Patagonian pierid fauna. *Journal of Research on the Lepidoptera* 28(3): 137-238, 4 pls., 24 figs., 4 tabs. (15 September) [general]
- 1993a. Convergent evolution in western North American and Patagonian skippers (Hesperiidae). *Journal of Research on the Lepidoptera* 30(3/4): 162-174, 4 figs. (1 December) [general; Argentina]
- 1993b. The proposed magellanic type-locality of *Colias imperialis* Butler (Lepidoptera: Pieridae). *Acta entomológica chilena* 18: 77-82 (18 December) [Chile]
- 1994a. Why are there so few butterflies in the high Andes? *Journal of Research on the Lepidoptera* 31(1/2): 35-56, 2 pls., 2 tabs. (1 July) [general; biogeography; South America]
- 1994b. *La genética fisiológica y la sistemática*, pp. 145-155. In: Llorente, J. E. & I. Luna (Eds.), *Taxonomía Biológica*. México, Universidad Nacional Autónoma de México. [*Reliquia santamarta* Ackery, *Tatochila*; South America]
1996. From darkness to light to flight: Monarch - The miracle butterfly, by Jules H. Poirier. 1995. *News of the Lepidopterists' Society* 38(2): 58-59 (April) [*Danaus plexippus* (Linnaeus); book review]
- 1997a. Butterflies of the Neotropical Region, Part VI by Bernard D'Abrera, 1994. *Reports. National Center for Science Education* 17(1): 33-35 (January) [Riodinidae; book review]
- 1997b. See Porter, A. H. et al., 1997.
1998. Impactos antropogénicos sobre la fauna de mariposas (Lepidoptera: Rhopalocera) de Patagonia austral y Tierra del Fuego. *Anales del Instituto de la Patagonia (Ciencias naturales)* 25: 117-126, 1 tab. ("1997", January 1998) [general; Argentina, Chile]
- 1999a. See Underwood, D. L. A. & A. M. Shapiro, 1999a.



- 1999b. See Underwood, D. L. A. & A. M. Shapiro, 1999b.
- 1999c. See Nice, C. C. & A. M. Shapiro, 1999.
- 2001a. The spirit of butterflies: Myth, magic, and art, by Maraleen Manos-Jones. 2000. *News of the Lepidopterists' Society* 43(1): 16, 27, 1 fig. (15 March) [general; book review]
- 2001b. The Concise Atlas of Butterflies of the World. By Bernard d'Abbrera. 2001. *Reports. National Center for Science Education* 21(5/6): 45 (November) [general; book review]
2002. Mariposas argentinas: Guía práctica e ilustrada para la identificación de las principales mariposas diurnas y nocturnas de la Provincia de Buenos Aires, by Andrés E. Barga. 2000. *Journal of the Lepidopterists' Society* 55(3): 126-128 (26 February) [general; book review]
2003. See Forister, M. L. & A. M. Shapiro, 2003.
- 2004a. [Two book reviews]. *Quarterly Review of Biology* 79(1): 107-109 (March) [Pronophilini, Hypocystini; biogeography; South America]
- 2004b. [Three book reviews]. *Quarterly Review of Biology* 79(3): 315-316 (September) [general; Argentina]
2005. See Underwood, D. L. A. et al., 2005.
- 2006a. Use of an exotic weed as an oviposition substrate of the high Andean pierid *Phulia nymphula*. *Journal of the Lepidopterists' Society* 60(2): 100-101 (31 July) [Argentina]
- 2006b. A melanic *Colias eurytheme* from northern California. *News of the Lepidopterists' Society* 48(3): 77, 92, 2 figs. (26 September) [*Colias ponteni* Wallengren]
- 2006c. See Gompert, Z. et al., 2006.
2007. Your field guide is lying to you (unless it's mine). *News of the Lepidopterists' Society* 49(3): 88-89 (10 October) [general; distributions]
- 2008a. See Forister, M. L. et al., 2008.
- 2008b. Chrysalis: Maria Sibylla Merian and the secrets of metamorphosis. By Kim Todd. 2007. *Journal of the Lepidopterists' Society* 62(1): 58-59 (6 May) [Surinam; history; book review]
- 2008c. *Erynnis funeralis* oviposits on exotic *Robinia pseudoacacia* in Western Argentina. *Journal of the Lepidopterists' Society* 62(2): 107-108 (25 August)
- 2008d. Los lepidópteros argentinos: Sus plantas hospedadoras y otros sustratos alimenticios. 2004. By Jose A. Pastrana. *Journal of the Lepidopterists' Society* 62(2): 114-115 (25 August) [general; book review]
- 2008e. Papillonages [sic]: Une histoire culturelle du papillon. 2007. By Nicolas Witkowski. *Journal of the Lepidopterists' Society* 62(2): 116-117 (25 August) [general; book review]
- 2008f. See Fordyce, J. A. et al., 2008.
2009. The neo-riparian butterfly fauna of western Argentina. *Journal of Research on the Lepidoptera* 41: 24-30, 1 fig. (31 January) [general; ecology]
2010. Mariposas serranas de Argentina central. By Luis Volkmann and Ezequiel Nunez [sic] Bustos. Tomo 1: Papilionidae, Pieridae, Lycaenidae, Riodinidae. 2010. *Journal of the Lepidopterists' Society* 64(4): 222-223 (16 December) [general; book review]
2011. A wildlife guide to Chile by Sharon Chester, 2008. *Journal of Research on the Lepidoptera* 44: 47-48 (31 December; published online 28 August) [general; book review]
2012. See Runquist, E. B. et al., 2012.
- 2014a. See Benyamini, D. et al., 2014.
- 2014b. See Long, E. C. et al., 2014.
2015. *Contingency*, pp. 31-40, 3 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general; Neotropics]
2016. See Pycrz, T. W. et al., 2016a.
2017. Mi guía de mariposas del Valle de La Paz. Juan Fernando Guerra Serrudo, Ariel Fernando Guerra Cazon, and Yael Asuncion Guerra Cazon. 2013. *News of the Lepidopterists' Society* 59(1): 40-41, 1 fig. (23 February) [general; Bolivia; book review]
- 2018a. Taxonomy, ecology, and evolutionary theory of the genus *Colias* (Lepidoptera: Pieridae: Coliadinae) by Paul C. Hammond and David V. McCorkle. 2017. *News of the Lepidopterists' Society* 60(1): 26-27, 39, 1 fig. (16 February) [general; book review]
- 2018b. The Butterflies of Afghanistan by Vadim Tshikolovets, Igor Pliushch, Oleg Pak and Yuriy Skrylnik. 2018. *News of the Lepidopterists' Society* 60(3): 142-143, 2 figs. (27 August) [South America; book review]
- Shapiro, Arthur Maurice, and Steven P. Courtney**
1985. Loss of the 'Pierid mate-refusal posture' in *Phulia* and allied high-Andean genera (Lepidoptera: Pieridae). *Animal Behaviour* 33(4): 1388-1390, 1 fig. (November) [*Infraphulia*, *Pierphulia*; Chile, Peru, Argentina]
1986. The life history of *Pierphulia rosea annamariaeae*, an unusual butterfly from the Peruvian Altiplano (Lepidoptera: Pieridae). *Journal of the New York entomological Society* 94(4): 536-541, 8 figs. (16 October)
- Shapiro, Arthur Maurice, Matthew L. Forister and James A. Fordyce**
2007. Extreme high-altitude Asian and Andean pierid butterflies are not each others' closest relatives. *Arctic, antarctic and alpine Research* 39(1): 137-142, 3 figs., 3 tabs. (February) [general]
- Shapiro, Arthur Maurice, and Hansjürg Geiger**
1986. Electrophoretic confirmation of the species status of *Pontia protodice* and *P. occidentalis* (Pieridae). *Journal of Research on the Lepidoptera* 25(1): 39-47, 2 figs., 4 tabs. (1 October) [Mexico]
1989. Electrophoretic comparisons of vicariant *Vanessa*: Genetic differentiation between *V. annabella* and *V. carye* (Nymphalidae) since the Great American Interchange. *Journal of the Lepidopterists' Society* 43(2): 81-92, 1 fig., 3 tabs. (18 May) [biogeography]
- Shapiro, Arthur Maurice, and Rodrigo Torres**
1978. Notas sobre la biología de dos mariposas Pieridae de grandes alturas de Colombia (Lepidoptera: Pieridae). *Cespedesia* 7(25/26): 7-23, 6 figs. (January-June) [*Reliquia santamarta* Ackery, *Tatochila xanthodice* (Lucas); eggs, larvae, pupae; ecology; behavior]
- Shapiro, B. Jesse, Jean-Baptiste Leducq and James Louis Borlase Mallet**
2016. What is speciation? *PLoS Genetics* 12(3)(e1005860): 1-14, 2 figs. (31 March) [*Heliconius*]
- Sharkey, Michael J.**
1999. See Janzen, D. H. et al., 1999.
2009. See Janzen, D. H. et al., 2009.
- Sharkey, Michael J., and Eric G. Chapman**
2015. The Nearctic genera of Agathidinae (Hymenoptera: Braconidae) with a phylogenetic analysis, illustrated generic key, and the description of three new genera. *Zootaxa* 4000(1): 49-72, 5 figs. (13 August) [general; parasitoids; Neotropics]
- Sharkey, Michael J., Eric G. Chapman, Daniel Hunt Janzen, Winifred D. Hallwachs and M. Alex Smith**
2015. Revision of *Aphelagathis* (Hymenoptera, Braconidae, Agathidinae, Agathidini). *Zootaxa* 4000(1): 73-89, 12

- figs. (13 August) [general; parasitoids; Neotropics]
- Sharkey, Michael J., Kathie Finnell, Jason Leathers and Jorge E. Frana**
2000. Microgastrine (Hymenoptera: Braconidae) parasitoids of *Colias lesbia* (Fabricius) (Lepidoptera: Pieridae). *Journal of Hymenoptera Research* 9(1): 108-110, 2 figs., 1 tab. (5 May) [host plant; Argentina]
- Sharp, David** [1840-1922]
1899. *Insects. Part II. In:* Harmer, S. F. & A. E. Shipley (Eds.), *The Cambridge Natural History*. London, Macmillan and Co., Limited. (2)6: xii + 626 pp., 293 figs. ([15 July]) [general; anatomy; morphology; physiology; host plants; eggs, larvae, pupae, imagines; behavior; ecology; predators and parasitoids; mimicry; biogeography; Neotropics]
- Sharpe, Christopher**
1989. See Bond, R. et al., 1989.
- Sharpe, Emily Mary Bowdler, née Burrows**
1890. On a collection of Lepidoptera made by Mr. Edmund Reynolds on the rivers Tocantins and Araguaya and in the province of Goyaz, Brazil. *Proceedings of the zoological Society of London* 1890(3): 552-577, pl. 46 (October) [general; new species: *Amphidecta reynoldsi*, *Mesosemia bella*, *Lymnas isabellae*, *Diorhina arthuriana*, *Mesene clarissa*, *Baetis johanna*, *Anatole middletoni*]
1898. On a collection of lepidopterous insects from San Domingo. With field notes by the collector, Dr. Cuthbert Christy. *Proceedings of the zoological Society of London* 1898(3): 362-369 (1 October) [general; new species: *Telegonus christyi*; República Dominicana]
1900. On a collection of butterflies from the Bahamas. *Proceedings of the zoological Society of London* 1900(2): 197-203, pl. 19 (1 August) [general; new species: *Papilio bonhotei*]
1915. Descriptions of three new Neotropical butterflies. *Annals and Magazine of natural History* (8)16(95): 411-412 (1 November) [*Pyrrhogyra toppini*, *Euselasia toppini*, *Catasticta toppini*; Peru, Bolivia]
- Shashar, Nadav**
2003. See Cronin, T. W. et al., 2003.
- Shaw, George** [1751-1813]
- 1790-1813. *Vivarium naturae, sive rerum naturalium, variae et vividae icones, ad ipsam naturam. Depictae et descriptae. The naturalist's miscellany: Or coloured figures of natural objects; drawn and described immediately from nature*. London, Frederick P. Nodder and Co. 2: [172] pp., pls. 38-74 (August 1790-July 1791); 4: [166] pp., pls. 111-146 (August 1792-July 1793); 5: [168] pp., pls. 147-182 (August 1793-July 1794); 9: [192] pp., pls. 301-348 (September 1797-August 1798); 13: [188] pp., pls. 493-540 (September 1801-August 1802); 14: [186] pp., pls. 541-588 (1802-1803); 15: [184] pp., pls. 589-636 (1803-1804); 17: [192] pp., pls. 685-732 (1805-1806); 19: [192] pp., pls. 781-828 (1807-1808); 20: [192] pp., pls. 829-876 (1808-1809); 21: [192] pp., pls. 877-924 (1809-1810); 22: [192] pp., pls. 925-972 (1810-1811); 23: [192] pp., pls. 973-1020 (1811-1812); 24: [204] pp., frontisp., pls. 1021-1064 (1812-1813) [general; new species: *Papilio spondiae*; Neotropics]
1796. *Cimelia physica. Figures of rare and curious quadrupeds, birds, &c together with several of the most elegant plants. Engraved and coloured from the subjects themselves by John Frederick Miller*. London, Benjamin and John White. [ii] + 106 pp., 60 pls. [Heliconius]
1806. *General Zoology or Systematic Natural History*. London, G. Keartley. 6(1): xiv + 239 pp., pls. 1-79 ([1 February]) [general; new species: *Papilio polyhymnia*]
- Shaw, John Gilbert** [1908-1991]
1947. Parasites of a bag-making pierid, *Eucheira socialis* in Morelos, Mexico. *Journal of economic Entomology* 40(3): 436-437 (June) [host plant]
- Shaw, J. P.**
1951. Collecting in British Guiana. *Entomologist's Record and Journal of Variation* 63(9): 165-167 (15 September) [general]
- Shaw, Mark R.**
2012. See Smith, M. A. et al., 2012.
- Shaw, Scott Richard**
1997. See Zitani, N. M. et al., 1997.
1998. See Zitani, N. M. et al., 1998.
- 2012a. See Kula, R. R. et al., 2012.
- 2012b. See Jones, G. Z. & S. R. Shaw, 2012.
- 2015a. See Valerio, A. A. & S. R. Shaw, 2015.
- 2015b. See Aguirre, H. et al., 2015.
- Shaw, Scott Richard, and Guinevere Z. Jones**
2009. A new species of solitary *Meteorus* (Hymenoptera: Braconidae) reared from caterpillars of toxic butterflies (Lepidoptera: Nymphalidae) in Ecuador. *Journal of Insect Science* 9(34): 1-8, 12 figs. (2 June) [*Pteronymia zerlina* (Hewitson); host plant]
- Shawkey, Matthew D., Nathan I. Morehouse and Peter Vukusic**
2009. A protean palette: colour materials and mixing in birds and butterflies. *Journal of the royal Society of London Interface* 6(supplement 2): 221-231, 3 figs. (6 April; published online 13 January) [*Morpho didius* Hopffer; morphology]
- Shea, Cristina**
2011. See Kunte, K. et al., 2011.
- Sheffield, Cory**
2012. See Smith, M. A. et al., 2012.
- Sheldon, William George** [1859-1943]
- 1933a. *Morpho achilles* L. *Entomologist* 66(844): 193-195 (September) [general]
- 1933b. Barro Colorado: A tropical nature reserve. *Entomologist* 66(845): 217-221, pls. 5-6 (October) [general; Panama]
1934. The genus *Prepona*. *Entomologist* 67(857): 228-230 (October) [general]
1936. Tobago and its butterflies. *Entomologist* 69(880): 200-208 (September), (881): 240 (October) [general]
1938. Additions to the butterflies of Tobago. *Entomologist* 71(897): 29-31 (February) [general; new subspecies: *Morpho achilles tobagoensis*]
1949. *The butterflies of Tobago*, pp. 70-81. In: Alford, C. E. R., *The Island of Tobago (British West Indies)*. Dorchester, Longmans Ltd. 128 pp., figs. [Ed. 3] [general; behavior]
- Shelly, Todd E., and David Ludwig**
1985. Thermoregulatory behavior of the butterfly *Calisto nubila* (Satyridae) in a Puerto Rican forest. *Oikos* 44(2): 229-233, 3 figs., 1 tab. (April)
- Shen, Jinhui**
- 2016a. See Cong, Q. et al., 2016a.
- 2016b. See Cong, Q. et al., 2016b.
- 2017a. See Cong, Q. et al., 2017a.
- 2017b. See Cong, Q. et al., 2017b.
- 2019a. See Li, W. et al., 2019.
- 2019b. See Zhang, J. et al., 2019a.

- 2019c. See Zhang, J. et al., 2019b.  
 2019d. See Zhang, J. et al., 2019c.  
 2019e. See Cong, Q. et al., 2019.  
 2019f. See Zhang, J. et al., 2019d.
- Shen, Jinhui, Qian Cong, Dominika Borek, Zbyszek Otwinowski and Nick V. Grishin**  
 2017. Complete genome of *Achalarus lyciades*, the first representative of the Eudaminae subfamily of skippers. *Current Genomics* 18(4): 366-374, 3 figs., 1 tab. [general]
- Shen, Jinhui, Qian Cong and Nick V. Grishin**  
 2015. The complete mitochondrial genome of *Papilio glaucus* and its phylogenetic implications. *Meta Gene* 5: 68-83, 4 figs., 4 tabs. (September; published online 14 June) [general]
- Shen, Qing-Qing, and Li Wang**  
 2016. The mitochondrial genome sequence of *Heliconius hecale* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA (A)* 27(2): 1291-1292, 1 tab. (3 March; published online 4 August 2014)
- Shepard, Harold Henry** [1898-1993]  
 1929. Notes on hesperiid nomenclature (Lepid.). *Entomological News* 40(7): 233-234 (9 July) [general]  
 1931a. Additions and corrections to Lindsey's "Types of hesperioid genera". *Annals of the entomological Society of America* 24(1): 173-176 ([19] March) [general]  
 1931b-36. Hesperidae: Subfamilia Pyrginae. *Lepidopterorum Catalogus* 47: 1-144 (4 December 1931), 64: 145-272 (19 December 1934), 69: 273-560 (5 July 1935), 74: 581-679 (10 May 1936) [general]  
 1937-39. Hesperidae: Hesperinae I. *Lepidopterorum Catalogus* 83: 1-126 (16 December 1937), 90: 127-206 (16 February 1939) [general]  
 1944. The types of hesperioid genera. Further additions and corrections to the Lindsey list. *Annals of the entomological Society of America* 36(4): 754-760 (10 January) [general]
- Shephard, Jill M., Jane M. Hughes and Myron P. Zalucki**  
 2002. Genetic differentiation between Australian and North American populations of the monarch butterfly *Danaus plexippus* (L.) (Lepidoptera: Nymphalidae): an exploration using allozyme electrophoresis. *Biological Journal of the Linnean Society* 75(4): 437-452, 4 figs., 7 tabs. (April) [Mexico]
- Sheppard, Philip Macdonald** [1921-1976]  
 1959. The evolution of mimicry; a problem in ecology and genetics. *Cold Spring Harbor Symposia on quantitative Biology* 24: 131-140, 1 pl., 2 figs., 1 tab. [general; South America]  
 1963a. The genetics of mimicry. *Proceedings. XVI international Congress of Zoology* (Washington, D.C.) 4: 150-156, 1 tab. (September) [general; Neotropics]  
 1963b. Some genetic studies of Müllerian mimics in butterflies of the genus *Heliconius*. *Zoologica* (New York) 48(4): 145-154, 2 pls., 9 tabs. (31 December) [general; Trinidad]  
 1969. Evolutionary genetics of animal populations: The study of natural populations. *Proceedings. XII international Congress of Genetics* (Tokyo) 3: 261-279, 2 figs. [general; *Heliconius melpomene* (Linnaeus), *H. erato* (Linnaeus); mimicry; South America]  
 1974a. See Brown, K. S., Jr. & P. M. Sheppard, 1974.  
 1974b. Müllerian mimicry and Amazonian forest refugia. *Heredity* 33(1): 130 (August) [abstract; *Heliconius* spp.; South America]
1975. See Turner, J. R. G. & P. M. Sheppard, 1975.
- Sheppard, Philip Macdonald, and John Richard George Turner**  
 1977. The existence of Müllerian mimicry. *Evolution* 31(2): 452-453 (29 July) [*Heliconius* spp.]
- Sheppard, Philip Macdonald, John Richard George Turner, Keith Spalding Brown, Jr., Woodruff Whitman Benson and Michael C. Singer**  
 1985. Genetics and the evolution of Müllerian mimicry in *Heliconius* butterflies. *Philosophical Transactions of the royal Society of London (B)* 308(1137): 433-613, 4 pls., 18 figs., 25 tabs. (28 February) [general; Neotropics]
- Sherborn, Charles Davies** [1861-1942]  
 1899. *An index to the generic and trivial names of animals, described by Linnaeus, in the 10th and 12th editions of his "Systema Naturae."* London, Dulau & Co.; Manchester, J. E. Cornish. viii + 108 pp. [general]  
 1902. *Index Animalium sive index nominis quae ab A. D. MDCCCLVIII generibus et speciebus animalium imposita sunt. Sectio prima.* Cantabrigiae, Typographio Academico. lix + 1195 pp. ([October]) [general]  
 1922-33. *Index Animalium... Sectio secunda.* London, Trustees of the British Museum. cxlviii + 7056 + 1098 pp. [general]
- Sherratt, Thomas N.**  
 2004a. See Ruxton, G. D., T. N. Sherratt et al., 2004.  
 2004b. See Ruxton, G. D., M. P. Speed et al., 2004.  
 2008. The evolution of Müllerian mimicry. *Naturwissenschaften* 95(8): 681-695, 3 figs. (August; published online 10 June) [general]  
 2017. See Cuthill, I. C. et al., 2017.  
 2019. See Chouteau, M. et al., 2019.
- Sherry, Thomas W.**  
 1983. *Galbula ruficauda* (Jacamar Rabirrufo, Gorrión de Montaña, Rufous-Tailed Jacamar), pp. 579-581. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [butterflies as prey: *Morpho cypris* Westwood, *Nessaea aglaura* (Doubleday), *Catagramma bugaba* (Staudinger); Costa Rica]
- Shi, Jing**  
 2008. See Zhang, M. et al., 2008.
- Shi, Qing-Hui**  
 2017. See Su, C.-Y. et al., 2017.
- Shi, Qing-Hui, Xue-Qin Lin, Xiong Ye, Jian-Hong Xing and Guo-Wen Dong**  
 2019. Characterization of the complete mitochondrial genome of *Minois dryas* (Lepidoptera: Nymphalidae: Satyrinae) with phylogenetic analysis. *Mitochondrial DNA (B)* 4(1): 1447-1449, 1 fig. (published online 9 April) [*Hamadryas epinome* (C. Felder & R. Felder), *Heliconius melpomene* (Linnaeus)]
- Shi, Qing-Hui, Xiao-Yan Sun, Yun-Liang Wang, Jia-Sheng Hao and Qun Yang**  
 2015. Morphological characters are compatible with mitogenomic data in resolving the phylogeny of nymphalid butterflies (Lepidoptera: Papilionoidea: Nymphalidae). *PLoS ONE* 10(4)(e0124349): 1-19, 5 figs., 3 tabs. (10 April) [general]
- Shi, Qing-Hui, Jian-Hong Xing, Xi-Hua Liu and Jia-Sheng Hao**  
 2018. The complete mitochondrial genome of comma, *polygonia* [sic] *c-aureum* (Lepidoptera: Nymphalidae: Nymphalinae). *Mitochondrial DNA (B)* 3(1): 53-55, 1 fig. (published online 24 December 2017) [*Hamadryas*

- epinome* (C. Felder & R. Felder), *Heliconius melpomene* (Linnaeus)]
- Shi, Wangzhou**  
2011. See Liu, F. et al., 2011.
- Shichijo, N.**  
2004. See Iwasawa, S. et al., 2004.
- Shields, Allan Oakley [1943- ]**  
[1966]. *Callophrys (Mitoura) spinetorum* and *C. (M.) johnsoni*. Their known range, habits, variation, and history. *Journal of Research on the Lepidoptera* 4(4): 233-250, 3 figs., 3 tabs. ("December 1965"; [before 26 July 1966]) [Mexico]  
[1968]. Hilltopping. An ecological study of summit congregation behavior of butterflies on a Southern California hill. *Journal of Research on the Lepidoptera* 6(2): 69-178, 15 figs., 25 tabs. ("June 1967", [before 15 November 1968]) [general]  
1972. Flower visitation records for butterflies (Lepidoptera). *Pan-Pacific Entomologist* 48(3): 189-203, 1 fig. (27 December) [general; behavior]  
1973. Studies on North American *Philotes* (Lycaenidae). II. The biology, distribution, and taxonomy of *Philotes sonorensis* (F. & F.). *Bulletin of the Allyn Museum* 15: 1-16, 4 figs., 1 graph (31 December) [Mexico]  
[1975]a. A partial bibliography of the world distribution and zoogeography of butterflies. *Journal of Research on the Lepidoptera* 13(3): 169-178, 207-216 ("September 1974", [before 8 April 1975])  
[1975]b. Toward a theory of butterfly migration. *Journal of Research on the Lepidoptera* 13(4): 217-238 ("December 1974", [before 9 July 1975]) [general]  
1978. The expanding earth. S. Warren Carey. 1976. *Systematic Zoology* 27(3): 379-381 (13 December) [general; book review; zoogeography]  
1979. Evidence for initial opening of the Pacific Ocean in the Jurassic. *Palaeogeography, Palaeoclimatology, Palaeoecology* 26(3/4): 181-220, 12 figs. 1 tab. (March) [general; biogeography]  
1984a. A revised, annotated checklist of world Libytheidae. *Journal of Research on the Lepidoptera* 22(4): 264-266 (15 March) [general]  
1984b. Coevolution. Futuyma, D. J. & M. Slatkin (eds.). *Journal of Research on the Lepidoptera* 23(2): 174 (31 December) [book review; *Heliconius*]  
1985a. Zoogeography of the Libytheidae (Snouts or Breaks [sic]). *Tokurana* 9: 1-58, 60 figs. (14 April) [general]  
1985b. Revisions to the checklist of world Libytheidae. *Journal of Research on the Lepidoptera* 24(1): 85 (15 September)  
1986. Factors in the distribution of butterfly color and behavior patterns - selected aspects. Landing, Benjamin H., 1984. *Journal of Research on the Lepidoptera* 24(4): 375-376 (15 May) [general; book review]  
1987a. A review of migration in Libytheidae. *Tokurana* 12(2): 1-14, 2 maps (3 March) [*Libytheana bachmanii* larvata (Strecker), *L. carinenta* (Cramer); Central and South America]  
1987b. The geologic significance of *Libythea collenettei* (Lepidoptera: Libytheidae) endemic to the Marquesas Islands, south-central Pacific. *Bulletin of the Southern California Academy of Sciences* 86(2): 107-112, 2 figs., 1 tab. [*Libytheana terena* (Godart), *L. fulvescens* (Lathy)]  
1987c. Presence of pterin pigments in wings of Libytheidae butterflies. *Journal of chemical Ecology* 13(8): 1843-1847 (August) [*Libytheana bachmanii* larvata (Strecker); Mexico]  
1989a. World numbers of butterflies. *Journal of the Lepidopterists' Society* 43(3): 178-183, 1 tab. (7 September) [general]  
1989b. Systematic position of Libytheidae, diphyletic position of Rhopalocera, and Heteroceran ancestry of Rhopalocera (Lepidoptera). *Tyô to Ga* 40(3): 197-228, 1 fig., 2 tabs. (20 September) [general]  
1992. World distribution of the *Vanessa cardui* group (Nymphalidae). *Journal of the Lepidopterists' Society* 46(3): 235-238 (10 November)  
1996. Geographic isolation in southwestern North American butterflies (Lepidoptera, Rhopalocera). *Nachrichten des entomologischen Vereins Apollo (Neue Folge)* 17(1): 71-92 (14 June) [general; biogeography; evolution; Mexico]
- Shields, Allan Oakley, and Stanley K. Dvorak**  
1979. Butterfly distribution and continental drift between the Americas, the Caribbean and Africa. *Journal of natural History* 13(2): 221-250, 23 figs. ([30] April) [general]
- Shields, Allan Oakley, and John F. Emmel**  
1973. A review of carrying pair behavior and mating times in butterflies. *Journal of Research on the Lepidoptera* 12(1): 25-64, 5 figs., 8 tabs. "March", [18 December] [general]
- Shields, Allan Oakley, and James Lauritz Reveal**  
1988. Sequential evolution of *Euphilotes* (Lycaenidae: Scolitantidini) on their plant host *Eriogonum* (Polygonaceae: Eriogonoideae). *Biological Journal of the Linnean Society* 33(1): 51-93, 4 figs., 8 tabs. ([26] January) [Mexico]
- Shiels, Aaron B., William P. Haines, Kirsty Jane Swinnerton, Susan Silander, Cielo Figuerola-Hernández, David Will, Juan G. García-Cancel and Christian W. Torres-Santana**  
2017. Sudden appearance and population outbreak of *Eunica monima* (Lepidoptera: Nymphalidae) on Desecheo Island, Puerto Rico. *Florida Entomologist* 100(1): 176-179, 6 figs. (March) [host plant]
- Shih, ChungKun**  
2016. See Labandeira, C. C. et al., 2016.
- Shima, Sulene Noriko, and Nivar Gobbi**  
1981a. Preliminary study of some factors that influence mating behaviour of *Ascia monuste orseis* under laboratory conditions (Lepidoptera, Pieridae). *Revista brasileira de Biologia* 41(3): 663-666, 4 figs., 1 tab. (August) [Brazil]  
1981b. Estudo de alguns aspectos da biologia de *Ascia monuste orseis* (Godart, 1818 [sic]) (Lepidoptera, Pieridae) em condições de laboratório e campo. *Revista brasileira de Entomologia* (São Paulo) 25(4): 313-319, 8 tabs. (31 December) [life history; host plant; Brazil]
- Shimano, Yulie**  
2017. See Cabette, H. S. R. et al., 2017.
- Shin, Jung H.**  
2017. See Song, B. et al., 2017.
- Shinkawa, Tsutomu, Masaya Yago, Hideshi Naka, I. Kanazawa, Haruo Fukuda, Y. Murakami, Y. Miyatake and M. Nonaka**  
2007. [Molecular phylogeny of the family Danaidae]. *The Nature and Insects* 42(1): 5-11, 5 figs. [In Japanese] [general]
- Shintani, Mitsuko**  
2002. See Muroi, T. et al., 2002.
- Shirai, Leila Teruko, Eduardo de Proença Barbosa, Roberto**

- Rezende Greve, Luiza de Moraes Magaldi, André Rangel Nascimento and André Victor Lucci Freitas**  
2017a. Natural history of *Selenophanes cassiope guarany* (Lepidoptera: Nymphalidae: Brassolini): an integrative approach, from molecules to ecology. *Annals of the entomological Society of America* 110(2): 145-159, 5 figs., 1 tab. (March; published online 24 December 2016) [egg, larva, pupa, imago; host plant; parasitoids; Brazil]
- Shirai, Leila Teruko, Patricia Avelino Machado, Luísa Lima e Mota, Augusto Henrique Batista Rosa and André Victor Lucci Freitas**  
2019a. DNB, the database of nymphalids in Brazil, with a checklist for standardized species lists. *Journal of the Lepidopterists' Society* 73(2): 93-108, 3 figs., 3 tabs. (11 June) [general]
- Shirai, Leila Teruko, Luísa Lima e Mota and André Victor Lucci Freitas**  
2017b. Aggregation of *Epityches eupompe* (Nymphalidae: Ithomiini) in Southern Brazil. *Tropical Lepidoptera Research* 27(2): 111-114, 1 fig. (19 December) [behavior]  
2019b. A treasure hunt for mistakes in DnB, the database of nymphalids of Brazil. *News of the Lepidopterists' Society* 61(3): 136-138, 1 fig. (27 August) [general]
- Shiraiwa, Kojiro**  
2007. *Morpho* butterflies in the stereogram [In Japanese]. *Butterflies* (Tokyo) 46: 56-57, 1 fig. (31 August)  
2010. North and Central American *Callophrys* Billberg, 1820 (Lepidoptera: Lycaenidae) with notes of its immature stages of three *Callophrys* species. *Butterflies* (Teinopalpus) 55: 4-14, 28 figs., 1 tab. (20 September) [general]
- Shiraiwa, Kojiro, Qian Cong and Nick V. Grishin**  
2014. A new *Heraclides* swallowtail (Lepidoptera, Papilionidae) from North America is recognized by the pattern on its neck. *ZooKeys* 468: 85-135, 25 figs. (23 December) [*H. rumiko*; Neotropics]
- Shirôzu, Takashi** [1917-2004]  
1947. Note on *Bibacis* [!] *argenteola* Matsumura recently described from Formosa (Hesperidae). [In Japanese]. *Zephyrus* 9(4): 270-271 (June) [= *Epargyreus tityrus* (Fabricius)]  
1955. [Notes on butterflies.] [In Japanese]. *Shin Konchû* 8(4): 38-45, 14 figs. (April), (5): 38-44, figs. 15-18 (May), (7): 28-36, figs. 19-28 (July) [general; Papilionidae; phylogeny]  
1962. Presidential address to the Eleventh Annual Meeting of the Lepidopterists' Society. *Journal of the Lepidopterists' Society* 15(4): 245-248 (19 June) [general]
- Shirôzu, Takashi, and Toyohei Saigusa**  
1973. A generic classification of the genus *Argynnis* and its allied genera (Lepidoptera: Nymphalidae). *Sieboldia* 4(3): 99-114, 5 figs., 1 tab. (31 July) [general]
- Shizukuishi, Takashi**  
1980. Foreign butterfly part 4.- Genus *Agrias*. [In Japanese]. *Gekkan Mushi* 110: 3-11, figs., tabs., maps (April) [general; new subspecies: *A. hewitsonius meridionalis*; Central and South America]
- Shoemaker, Ernest, and Thomas Hallinan**  
1925. [Notes]. *Journal of the New York entomological Society* 33(1): 58 (27 March) [*Morpho* spp.; behavior; Panama, Peru]
- Shokralla, Shadi**  
2014. See Bertrand, C. et al., 2014.
- Shokralla, Shadi, Xin Zhou, Daniel Hunt Janzen, Winifred D. Hallwachs, Jean-François Landry, Luke M. Jacobus and Mehrdad Hajibabaei**  
2011. Pyrosequencing for mini-barcoding of fresh and old museum specimens. *PLoS ONE* 6(7)(e21252): 1-5, 2 figs., 2 tabs. (27 July) [general; Costa Rica]
- Shoo, Luke P.**  
2011. See Laurance, W. F. et al., 2011.
- Shore, Joel S.**  
1995. See Schappert, P. J. & J. S. Shore, 1995.  
1998. See Schappert, P. J. & J. S. Shore, 1998.  
1999a. See Schappert, P. J. & J. S. Shore, 1999.  
1999b. See Schappert, P. J. & J. S. Shore, 1995.  
2000. See Schappert, P. J. & J. S. Shore, 1999.
- Shou, Jianxin, and Io Chou**  
1990. *Butterfly stamps of the world. A glimpse of world butterflies from stamps* [In Chinese]. Tianze Eldonejo. iv + 88 pp., 39 pls., figs. [general; philately]
- Shou, Jianxin, Io Chou and Yufei Li**  
2006. *Systematic butterfly names of the world*. Xian, Shaanxi Science and Technology Press. 4 + 6 + 20 + 450 pp., 32 pls., figs. (April) [general]
- Shoumatoff, Alexander** [1946- ]  
1982. *Russian blood. A family chronicle*. New York, Coward, McCann & Geoghegan. 352 pp., figs. [general; history; Jamaica]  
1986. *The rivers Amazon*. San Francisco, Sierra Club Books. xviii + 238 pp. (Ed. 1, 1978) [general; South America]  
1996. My father's butterfly. *Natural History* (New York) 105(3): 12-15, figs. (March) [*Nesiostrymon shoumatoffi* (Comstock & Huntington); Jamaica]
- Shoumatoff, Nicholas** [1918-1999]  
1941. See Avinoff, A. N. & N. Shoumatoff, 1941.  
1946. See Avinoff, A. N. & N. Shoumatoff, 1946.  
1953. The excelsior complex. *Lepidopterists' News* 7(2): 38-40 (29 July) [*Papilio thersites* Fabricius, *Vanessa atalanta* (Linnaeus); hilltopping behavior; Jamaica]  
1993. *Danaus cleophile* (Nymphalidae: Danainae) from Jamaica. *Journal of the Lepidopterists' Society* 47(3): 249 (26 August)
- Showalter, William Joseph** [1878-1935]  
1927. Strange habits of familiar moths and butterflies. *National Geographic Magazine* 52(1): 76-126, 16 pls., figs. (July) [general; host plants; Neotropics]
- Shreeve, Timothy George, and Roger L. H. Dennis**  
1992. The development of butterfly settling posture: the role of predators, climate, hostplant-habitat and phylogeny. *Biological Journal of the Linnean Society* 45(1): 57-69, 2 figs., 2 tabs. ([27] January) [general]
- Shuckard, William Edward** [1803-1868]  
1840. See Swainson, W. J. & W. E. Shuckard, 1840.
- Shuey, John Allen**  
1987. Phylogenetic position of *Arotis* (Lepidoptera: Hesperidae). *Annals of the entomological Society of America* 80(5): 584-589, 37 figs. (September) [general]  
1990. Atlas de las Mariposas Diurnas de Cuba (Lepidoptera: Rhopalocera). Pastor Alayo D. and Luis R. Hernández. 1987. *Ohio Lepidopterist* 12(4): 58-59 (December) [general; book review]  
1991. A new *Polythrix* from Central America (Lepidoptera: Hesperidae). *Journal of Research on the Lepidoptera* 28(4): 277-282, 16 figs. (15 September) [*P. kanshui*; Bolivia]  
1993. See Iftner, D. C. et al., 1993.  
1994. Phylogeny and biogeography of *Euphyes* Scudder (Hesperidae). *Journal of the Lepidopterists' Society*

- 47(4): 261-278, 77 figs., 1 tab. (7 January) [general; Neotropics]
1995. A Belize field journal - Excerpts from September, 1995. *Ohio Lepidopterist* 17(4): 47-51 (December) [general]
- 1997a. Mariposas de Chiapas, by Roberto G. de la Maza E. and Javier de la Maza E. 1993. *Journal of the Lepidopterists' Society* 51(2): 191-193 (11 July) [general; Mexico; book review]
- 1997b. An optimized portable bait trap for quantitative sampling of butterflies. *Tropical Lepidoptera* 8(1): 1-4, 2 figs. ([8] September) [general; Belize]
1999. Two days and a cloud of dust: Butterflying in southern Belize. *American Butterflies* 7(1): 14-20, figs. [general]
2015. See Van Swaay, C. et al., 2015.
- Shuey, John Allen, and Robert Anderson**
2011. *Carystoides "mexicana"* Freeman, a species and genus new to Cuba and the Caribbean (Hesperiidae). *Journal of the Lepidopterists' Society* 65(3): 194-196, 2 figs. (12 October) [morphology; behavior Belize]
- Shuey, John Allen, Valerie Giles, Jan C. Meerman, Paul Labus, Carol W. Schutte and Peter Kovarik**
2005. New additions to the butterfly fauna of Belize. *Journal of the Lepidopterists' Society* 59(2): 83-88, 1 tab. (25 July) [general]
- Shuey, John Allen, and Paul Labus**
2007. Sampling Belize butterflies: An excursion to Doyle's Delight – the high point of the country. *News of the Lepidopterists' Society* 49(4): 107-111, 10 figs. (5 December) [general]
- Shuey, John Allen, Paul Labus, Eduardo Carneiro, Fernando Maia Silva Dias, Luis Anderson Ribeiro Leite and Olaf Hermann Hendrik Mielke**
2017. Butterfly communities respond to structural changes in forest restorations and regeneration in lowland Atlantic Forest, Paraná, Brazil. *Journal of Insect Conservation* 21(3): 545-557, 5 figs., 4 tabs. (June; published online 10 June) [general]
- Shull, Ernest M.**
2000. Observation of orange-barred giant sulphur, *Phoebis philea*, in Indiana. *News of the Lepidopterists' Society* 42(4): 109 (15 November) [Mexico, Brazil]
- Sibatani, Atuhiro** [1920-2011]
1974. A new genus for two new species of Lycaeninae (s. str.) (Lepidoptera: Lycaenidae) from Papua New Guinea. *Journal of the Australian Entomological Society* 13(2): 95-110, 23 figs., 1 tab. (28 June) [*Iophanus* Draudt; Guatemala]
1983. A compilation of data of wing homoeosis in Lepidoptera. *Journal of Research on the Lepidoptera* 22(1): 1-46, 18 figs., 6 tabs. (20 December) [general]
- Sich, Alfred** [1858-1943]
1901. Illustrations of Lepidoptera - being imprints of impressions. *Entomologist's Record and Journal of Variation* 13(2): 66-72 (15 February) [general]
- Siddique, Radwanul Hasan, Silvia Diewald, Juerg Leuthold and Hendrik Hölscher**
2013. Theoretical and experimental analysis of the structural pattern responsible for the iridescence of *Morpho* butterflies. *Optics Express* 21(12): 14351-14361, 6 figs. (17 June; published online 10 June) [*M. sulkowskyi* Kollar]
- Siddique, Radwanul Hasan, Guillaume Gomard and Hendrik Hölscher**
2015. The role of random nanostructures for the omnidirectional anti-reflection properties of the glasswing butterfly. *Nature Communications* 6(6909): 1-8, 5 figs. (22 April) [*Greta oto* (Hewitson); morphology]
- Siebel, Gottfried**
2018. See Guerra, J. F. et al., 2018.
- Siebke, K.**
2004. See Stavenga, D. G. et al., 2004.
- Siegismund, Hans R.**
2019. See Stanton, D. W. G. et al., 2019.
- Sielfeld, Walter**
2007. See Guzmán, J. A. et al., 2007.
- Sierra, Adriel**
2014. See Prado, A. et al., 2014.
- Sierra, Juan T.**
1949. See Torre y Callejas, S. L. de la & J. T. Sierra, 1949.
- Siewert, Ricardo Russo**
2012. See Bellaver, J. et al., 2012.
2014. See Zacca, T. et al., 2014.
- 2015a. See Freitas, A. V. L. et al., 2015b.
- 2015b. See Leviski, G. L. et al., 2015.
- 2015c. See Paluch, M. et al., 2015.
- 2016a. See Zacca, T. et al., 2016.
- 2016b. See Dolibaina, D. R. et al., 2016.
- 2016c. See Leviski, G. L. et al., 2016.
- 2017a. See Silva, J. M. et al., 2017.
- 2017b. See Zacca, T. et al., 2017b.
- 2017c. See Zacca, T. et al., 2017d.
- 2018a. See Barbosa, E. de P. et al., 2018.
- 2018b. See Gaviria, F. G. et al., 2018.
2019. See Dias, F. M. S. et al., 2019b.
- Siewert, Ricardo Russo, Fernando Maia Silva Dias, Diego Rodrigo Dolibaina, Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande and Gerardo Lamas**
- 2014e. New species and taxonomic notes on *Anteros* Hübner, [1819] and *Ourocnemis* Bethune-Baker, 1887 (Lepidoptera: Riodinidae). *Zootaxa* 3860(5): 401-418, 44 figs. (9 September) [*A. alicaeae*, *A. zikani*, *A. ethani*; Central and South America]
- Siewert, Ricardo Russo, Diego Rodrigo Dolibaina, Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande and Alfred Moser**
- 2014a. A new species of *Aricoris* Westwood, [1851] belonging to "*chilensis*" group (Lepidoptera: Riodinidae). *Zootaxa* 3764(4): 495-500, 16 figs. (12 February) [*A. schneideri*; Brazil, Paraguay, Argentina]
- Siewert, Ricardo Russo, Gustavo Crizel Gomes, Mariana Centeno Gallo and Cristiano Agra Iserhard**
- 2016a. *Stichelia pelotensis* (Lepidoptera, Riodinidae): conservation, notes, and rediscovery of an endangered butterfly from southern Brazil. *Revista Brasileira de Entomologia* 60(1): 105-108, 5 figs. (March; published online 28 November 2015)
- Siewert, Ricardo Russo, Cristiano Agra Iserhard, Ezequiel Osvaldo Núñez and Helena Piccoli Romanowski**
- 2014b. First record of *Aricoris cinerica* (Stichel, 1910) from Brazil and update on its geographical distribution. *Journal of the Lepidopterists' Society* 68(1): 69-70, 5 figs. (3 March) [Argentina]
- Siewert, Ricardo Russo, Cristiano Agra Iserhard, Helena Piccoli Romanowski, Curtis John Callaghan and Alfred Moser**
- 2014c. Distribution patterns of riodinid butterflies (Lepidoptera: Riodinidae) from southern Brazil. *Zoological Studies* 53(15): 1-10, 5 figs., 1 tab. (12 March) [general]
- Siewert, Ricardo Russo, Gabriela Lourenço Leviski, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**

- 2015b. A new species of *Aguna* Williams (Lepidoptera, HesperIIDae) from Panamá belonging to the "claxon group". *Revista brasileira de Entomologia* 59(4): 320-322, 12 figs. (December; published online 9 October) [*A. prasinus*]
- 2018a. A remarkable new species of *Phocides* (Lepidoptera: HesperIIDae) from Bolivia and taxonomic considerations on *Phocides charon*. *Iheringia (Zoologia)* 108(e2018023): 1-5, 7 figs., 1 tab. (published online 25 June) [*P. petroleum*; Paraguay, Argentina, Uruguay, Brazil]
- Siewert, Ricardo Russo, Janaína Madruga, Diego Rodrigo Dolibaina, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2018b. Hidden in plain sight: a morphological study revealing three new species of the skipper genus *Drephalys* Watson, 1893 (Lepidoptera: HesperIIDae) from Brazil. *Zootaxa* 4472(3): 573-580, 13 figs. (11 September) [*D. (Drephalys) dracarys*, *D. (D.) electrinus*, *D. (D.) citrinus*]
- Siewert, Ricardo Russo, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2014d. *Phaenochitonina pseudodebilis* (Lepidoptera: Riodinidae): First description of the female and updated geographic distribution. *Florida Entomologist* 97(2): 801-803, 2 figs. (June) [Brazil]
- 2014g. *Comphotis apachita* Hall & Willmott, 1996 (Lepidoptera: Riodinidae): Distribution extension and first record from Brazil. *Check List* 10(5): 1148-1149, 3 figs. (October)
- 2015a. *Tosta Evans*, 1953 (Lepidoptera: HesperIIDae): a new species from northeast Brazil, first description of the female of *Tosta tosta* Evans, 1953, and placement of the genus within Achlyodini. *Zootaxa* 3999(3): 446-450, 22 figs. (11 August) [*T. pseudospeculum*]
- Siewert, Ricardo Russo, Ichiro Nakamura and Olaf Hermann Hendrik Mielke**
- 2014f. *Psoralis mirnae* sp. nov., the first species of the skipper genus from Central America (Lepidoptera: HesperIIDae). *Zootaxa* 3861(1): 91-95, 18 figs. (11 September)
- Siewert, Ricardo Russo, Eduardo José Ely e Silva and Livia Leivas Marques**
2010. Catálogo do acervo de borboletas (Lepidoptera: Papilionoidea) depositadas no Museu de História Natural da Universidade Católica de Pelotas, Rio Grande do Sul, Brasil. *EntomoBrasilis* 3(3): 77-84, 2 figs. (December) [general]
- Siewert, Ricardo Russo, Thamara Zacca, Fernando Maia Silva Dias, André Victor Lucci Freitas, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
2013. The "*Taygetis ypthima* species group" (Lepidoptera, Nymphalidae, Satyrinae): taxonomy, variation and description of a new species. *ZooKeys* 356: 11-29, 8 figs. (27 November) [*T. drogoni*; Brazil, Paraguay, Argentina]
- Siewert, Ricardo Russo, Thamara Zacca, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2016b. Taxonomic revision and cladistic analysis of the genus *Sophista* Plötz, 1879 (Lepidoptera: HesperIIDae) with description of a new species from north-east Brazil. *Zoological Journal of the Linnean Society* 177(3): 526-540, 80 figs., 1 tab. (July; published online 13 June) [*S. spectrum*; South America]
- Sifuentes, Juan Antonio**
1966. Lista de nombres comunes y científicos de algunas plagas agrícolas en la región central de México. *Circular. Centro de Investigaciones básicas. Instituto nacional de Investigaciones agrícolas* (México) 10: 1-30 (December) [general; host plants]
1968. See Velasco, H. et al., 1968.
1969. See Lagunes, A. & J. A. Sifuentes, 1969.
1971. Pérdidas causadas por algunas plagas de importancia económica en México. *Agricultura técnica en México* 3(3): 86-88, 5 figs. (July) [*Thecla basilides* (Geyer); host plant]
1973. See Peña, R. & J. A. Sifuentes, 1973.
- Sigala, Pascual**
1999. *La conservación de la monarca, reto para la organización campesina*, pp. 273-276. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); Mexico]
- Sigmund, Ole**
2017. See Song, B. et al., 2017.
- Sigríst, Maria Rosângela, Camila Aoki, Camila Silveira de Souza, Sebastião Laroca, Jennifer Elaine Maier, Márcia Rocha Vicente, Fabrício Hiroiuki Oda and Hélder Consolaro**
2017. Listagem da entomofauna antófila do estado de Mato Grosso do Sul, Brasil. *Iheringia (Zoologia)* 107(Suplemento)(e2017150): 1-15, 3 figs., 1 tab. [general]
- Sigríst, Maria Rosângela, and Marlies Sazima**
2002. *Ruellia brevifolia* (Pohl) Ezcurra (Acanthaceae): fenologia da floração, biologia da polinização e reprodução. *Revista brasileira de Botânica* (São Paulo) 25(1): 35-42, 3 figs., 2 tabs. ([31] March) [general; Brazil]
- Sihvonen, Pasi**
2015. See Heikkilä, M. et al., 2015.
- Sikes, Derek S., and Michael A. Ivie**
1995. Predation of *Anetia briarea* Godart (Nymphalidae: Danainae) at aggregation sites: A potential threat to the survival of a rare montane butterfly in the Dominican Republic. *Journal of the Lepidopterists' Society* 49(3): 223-233, 5 figs. (26 September) [conservation]
- Sikkink, Kristin**
2019. See Hill, J. A. et al., 2019.
- Silander, Susan**
2017. See Shiels, A. B. et al., 2017.
- Silberglied, Robert Elliot [1946-1982]**
1969. See Eisner, T. et al., 1969.
1972. See Ghiradella, H. T. et al., 1972.
1977. *Communication in the Lepidoptera*, pp. 362-402. In: Sebeok, T. A. (Ed.), *How animals communicate*. Bloomington, Indiana University Press. [general]
1978. See Aiello, A. & R. E. Silberglied, 1978.
- 1979a. See Aiello, A. & R. E. Silberglied, 1979.
- 1979b. Communication in the ultraviolet. *Annual Review of Ecology and Systematics* 10: 373-398, 19 figs., 1 tab. [general]
1982. See Lamas, G. et al., 1982.
1983. *Anartia fatima* (Cocinera, *White-banded Fatima*), pp. 682-683, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [Costa Rica]
1984. *Visual communication and sexual selection among*

- butterflies, pp. 207-223, pl. 4, figs. A-C, 1 tab. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
1997. See Davies, N. et al., 1997.
- Silberglied, Robert Elliot, Annette Aiello and Gerardo Lamas**
1980. Neotropical butterflies of the genus *Anartia*: Systematics, life histories, and general biology (Lepidoptera: Nymphalidae). *Psyche* (Cambridge) 86(2/3): 219-260, 10 figs., 3 tabs. ("June-September 1979", [25 June] 1980)
- Silberglied, Robert Elliot, Annette Aiello and Donald Montgomery Windsor**
1980. Disruptive coloration in butterflies: lack of support in *Anartia fatima*. *Science* 209(4456): 617-619, 1 fig., 3 tabs. (1 August) [Panama]
- Silberglied, Robert Elliot, and Orley Robert Taylor, Jr.**
1973. Ultraviolet differences between the sulphur butterflies, *Colias eurytheme* and *C. philodice*, and a possible isolating mechanism. *Nature* (London) 241(5389): 406-408, 2 figs., 1 tab. (9 February) [Guatemala]
- Silbermann, Gustave Henri Rodolphe** [1801-1877]
1833. [A note]. *Revue entomologique (Silbermann's)* 1: 134-135. [Franck's collection in Strasbourg Museum]
1835. *Énumération des Entomologistes vivans, suivie de notes sur les collections entomologiques des principaux musées d'histoire naturelle d'Europe, sur les sociétés d'Entomologie, sur les recueils périodiques consacrés à l'étude des insectes, et d'une table alphabétique des résidences des entomologistes* [sic]. Paris, Roret. v + 116 pp. [general]
- [1838]. Géographie des insectes. *Revue entomologique (Silbermann's)* 4(2): 195-222 ("1836", after 15 February 1838) [general; zoogeography; Neotropics]
- Siljeström, Sandra**
2016. See Labandeira, C. C. et al., 2016.
- Sill, Sue**
2006. Trees for monarchs. *American Butterflies* 13(4): 4-9, 7 figs. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Sillén-Tullberg, Birgitta**
1988. Evolution of gregariousness in aposematic butterfly larvae: a phylogenetic analysis. *Evolution* 42(2): 293-305, 13 figs., 1 tab. (25 February) [general]
- Silva, Adelson Nascimento da**
2015. See Mapeli, N. C. et al., 2015.
- Silva, Alex S. da**
2011. See Soares, A. et al., 2011.
- Silva, Alexandre Faria da**
2007. See Pratisoli, D. et al., 2007.
- Silva, Alexis**
2016. See Bermúdez, F. et al., 2016.
- Silva, Alfonso**
1996. *Natural Cuba natural*. Saint Paul, Pangaea. xviii + 173 pp., figs. [general]
- Silva, Américo Gomes da**
1961. Primeira contribuição ao conhecimento bio-cronológico da ocorrência de pragas, no Ceará. *Boletim da Sociedade cearense de Agronomia* (Fortaleza) 2: 47-50 (June) [*Brassolis sophorae* (Linnaeus), *Ascia monuste orseis* (Godart), *Papilio thoas brasiliensis* Rothschild & Jordan, *P. anchisiades capys* Hübner; host plants; Brazil]
1962. Segunda contribuição ao conhecimento bio-cronológico da ocorrência de pragas agrícolas, no Ceará. *Boletim da Sociedade cearense de Agronomia* (Fortaleza) 3: 77-79 (June) [*Phoebis philea* (Linnaeus), *Megalura peleus* (Sulzer); host plants; Brazil]
1963. Terceira contribuição ao conhecimento bio-cronológico da ocorrência de pragas agrícolas, no Ceará. *Boletim da Sociedade cearense de Agronomia* (Fortaleza) 4: 41-44 (June) [general; host plants; Brazil]
1966. Índice bio-cronológico de ocorrência de pragas agrícolas no Ceará. *Boletim da Sociedade cearense de Agronomia* (Fortaleza) 7: 43-48, 1 tab. (June) [general; host plants; Brazil]
1967. Catálogo de lepidópteros cearenses. *Revista do Instituto do Ceará* 81: 91-112. [general; host plants; Brazil]
- Silva, Anabela da**
2003. See Berthier, S. et al., 2003.
- Silva, Ana Kristina**
2010. See Iserhard, C. A. et al., 2010b.
2012. See Bellaver, J. et al., 2012.
2015. See Barbosa, E. de P. et al., 2015.
2016. See Mota, L. L. e et al., 2016.
- Silva, Ana Kristina, Gislene Lopes Gonçalves and Gilson Rudinei Pires Moreira**
2014. Larval feeding choices in heliconians: induced preferences are not constrained by performance and host plant phylogeny. *Animal Behaviour* 89: 155-162, 6 figs., 1 tab. (March; published online 3 February) [*Heliconius erato* (Linnaeus), *H. ethilla* (Godart); host plants; Brazil]
- Silva, André Roberto Melo**
2012. See Soares, G. R. et al., 2012.
2018. See Freitas, A. V. L. et al., 2018b.
2019. See Soldati, D. et al., 2019.
- Silva, André Roberto Melo, Cintia Oliveira de Castro, Pedro Oliveira Mafia, Michelle Oliveira Campagnini Mendonça, Tatiana Couto Castro Alves and Marina do Vale Beirão**
2012. Borboletas frugívoras (Lepidoptera: Nymphalidae) de uma área urbana (Área de Proteção Especial Manancial Cercadinho) em Belo Horizonte, Minas Gerais, Brasil. *Biota neotropica* 12(3): 292-297, 2 figs., 1 tab. (17 September) [general]
- Silva, André Roberto Melo, Marco Paulo Macedo Guimarães, Raphael Fraga Vitalino, Ângelo Schifini Bagni, Yuri Elias Martins, Aldecéia Maria Cordeiro and Evandro Gama de Oliveira**
2010. Borboletas frugívoras no Parque Estadual do Rio Doce/MG. *MG.Biota* 3(4): 5-21, 41 figs., 1 tab., 1 graph (November) [general; Brazil]
- Silva, André Roberto Melo, Giovanni Guimarães Landa and Raphael Fraga Vitalino**
2008. Borboletas (Lepidoptera) de um fragmento de mata urbano em Minas Gerais, Brasil. *Lundiana* 8(2): 137-142, 1 tab. (30 April) [general; conservation]
- Silva, André Roberto Melo, Ivan Assunção Pimenta, Fernando Corrêa Campos-Neto and Raphael Fraga Vitalino**
2013. Longevidade de adultos de oito espécies de borboletas (Lepidoptera: Papilionoidea) criadas em cativeiro. *Lundiana* 11(1/2): 65-67, 1 tab. (31 August) [general; Brazil]
- Silva, André Roberto Melo, Douglas Vitor Pontes, Marco Paulo Macedo Guimarães, Marina Vicente de Oliveira, Lucas Tito Faria de Assis and Márcio Uehara-Prado**
2015. Fruit-feeding butterflies (Lepidoptera: Nymphalidae) of the Área de Proteção Especial Manancial Mutuca,



- Nova Lima and species list for the region of Belo Horizonte, Minas Gerais, Brazil. *Biota neotropica* 15(3)(e20140118): 1-9, 3 figs., 2 tabs. (September; published online 4 August) [general]
- Silva, Antonio de Brito, and Jocicler da Silva Carneiro**  
1986. Entomofauna de culturas alimentares e fibrosas na região amazônica brasileira. *Anais. 1º Simpósio do Trópico úmido* (Belém) 3: 71-83, 2 tabs. [general; host plants; Brazil]
- Silva, Antonio de Brito, and Bonifácio Peixoto Magalhães**  
1980. Insetos nocivos à cultura do feijão caupi (*Vigna unguiculata*) no Estado do Pará. *Boletim de Pesquisa. Centro de Pesquisa agropecuária do Trópico úmido. Embrapa* 3: 1-22 (January) [*Urbanus proteus* (Linnaeus), Lycaenidae; host plant; Brazil]
- Silva, Aristóteles Godofredo d'Araújo e** [1910?-1965]  
1933. Contribuição para o estudo da biologia de tres pentatomídeos. O possível emprego destes insectos no combate biológico como destruidores de espécies nocivas. *O Campo* (Rio de Janeiro) 4(3): 23-25, 6 figs. (March) [general; host plants; Brazil]  
1935. Sobre dois parasitos de *Papilio anchisiades capys* (Hübner). *O Campo* (Rio de Janeiro) 6(6): 19, 2 figs. (June) [larva, pupa; host plant; Brazil]  
1936. *Alguns insectos com os seus respectivos hospedeiros*. Rio de Janeiro. 30 + [9] pp. (May) [general; Brazil]
- Silva, Aristóteles Godofredo d'Araújo e, Cincinnato Rory Gonçalves, Dario Monteiro Galvão, Américo José Lobo Gonçalves, Jair Gomes, Mario do Nascimento Silva and Lúcia de Simoni**  
1968. *Quarto catálogo dos insetos que vivem nas plantas do Brasil seus parasitos e predadores. Edição ampliada do "3º catálogo dos insetos que vivem nas plantas do Brasil" de autoria do Prof. A. M. da Costa Lima. Parte II. Insetos, hospedeiros e inimigos naturais. Índice de insetos e índice de plantas*. Rio de Janeiro, Ministério da Agricultura. 1: xxvii + 622 pp.; 2: [viii] + 265 pp. [general]
- Silva, Armando**  
2011. See Silva, D. L. de et al., 2011.
- Silva, Carlos** [1883-1967]  
1915. Informe del Jefe de la Sección Entomológica. *Boletín del Museo nacional de Chile* 8: 69-72. [general; Chile]  
1916. Contribución al conocimiento del género *Epinephele* Hübner et Auct. *Revista chilena de Historia natural* 20(1/2): 29-35, 4 figs. (30 April) [general; new varieties: *E. limonias* variety *quinquepunctata*, *E. janirioides* variety *quinquepunctata*; Chile]  
1917a. Algunas observaciones sobre la variación entre los lepidópteros chilenos. *Boletín del Museo nacional de Chile* 9: 54-64, 5 pls. (after 23 March) [general]  
1917b. Sección entomológica. *Boletín del Museo nacional de Chile* 9: 169-170 (after 23 March) [*Eroessa chilensis* (Guérin-Méneville); Chile]  
1917c. Descripción de un nuevo *Epinephele* y clave de las especies chilenas del género. *Revista chilena de Historia natural* 21(3): 85-88, fig. 6 (June) [*E. barrosi*]  
1920. Revisión de los lepidópteros ropalóceros de Chile. *Boletín del Museo nacional de Chile* 11: 198-214, figs. 58-65. [*Papilio bias* Roger; life history; host plant]  
1923. Revisión de las especies chilenas del género *Brenthis*, Hübner. *Revista chilena de Historia natural* 25: 462-470, figs. 43-46 ("1921", 1923) [general]  
1930. La *Anosia plexippus*, Linn., en Chile. *Revista chilena de Historia natural* 33: 49-53, pl. 1, fig. 13 ("1929", 27 February 1930) [distribution]
- Silva, Carlos Alberto Domingues da, Teresinha Vinha Zanuncio, Bruno Gomes Cunha, Ancidérton Antonio de Castro, Glaucio da Cruz Canevari, José Eduardo Serrão and José Cola Zanuncio**  
2009. Development and survival of nymphs of *Podisus nigrispinus* (Heteroptera: Pentatomidae) fed with caterpillars of *Chlosyne lacinia saundersii* [sic] (Lepidoptera: Nymphalidae). *Brazilian Archives of Biology and Technology* 52(1): 105-109, 1 fig., 1 tab. (February) [host plant; Brazil]
- Silva, Celice Alexandre, and Jorge Arturo Lobo**  
2015. Reproductive biology and herkogamy of *Psychotria elata* (Rubiaceae), a distylous species of the tropical rain forests of Costa Rica. *American Journal of Plant Sciences* 6(3): 433-444, 3 figs., 5 tabs. (published online 25 February) [*Hyposcada virginiana evanides* Haensch, *Heliconius cydno galanthus* Bates, *H. doris* (Linnaeus), *Eurybia lycisca* Westwood; pollination]
- Silva, Cristina Ferreira**  
1997. See Ruzszczyk, A. & C. F. Silva, 1997.
- Silva, Delano Moody Simões da**  
2000. See Morais, H. C. de et al., 2000.
- Silva, Denis Santos da**  
2015. See Barão, K. R. et al., 2015.  
2017. See Moreira, G. R. P. et al., 2017.
- Silva, Denis Santos da, Elisete Ana Barp, Luiz Carlos Rios Kucharski and Gilson Rudinei Pires Moreira**  
2018. Sensing the plant surface prior to feeding and oviposition: Differences in external ultrastructure and function among tarsi of *Heliconius erato*. *Neotropical Entomology* 47(1): 85-95, 7 figs., 2 tabs. (February; published online 22 March 2017) [morphology; physiology; Brazil]
- Silva, Denis Santos da, Rafael Dell'Erba, Lucas Augusto Kaminski and Gilson Rudinei Pires Moreira**  
2006. Morfologia externa dos estágios imaturos de heliconíneos neotropicais: V. *Agraulis vanillae maculosa* (Lepidoptera, Nymphalidae, Heliconiinae). *Iheringia (Zoologia)* 96(2): 219-228, 45 figs., 1 tab. (30 June) [egg, larva, pupa; host plant; Brazil]
- Silva, Denis Santos da, Lucas Augusto Kaminski, Rafael Dell'Erba and Gilson Rudinei Pires Moreira**  
2008. Morfologia externa dos estágios imaturos de heliconíneos neotropicais: VII. *Dryadula phaeusa* (Linnaeus) (Lepidoptera, Nymphalidae, Heliconiinae). *Revista brasileira de Entomologia* 52(4): 500-509, 42 figs. (31 December) [egg, larva, pupa; host plant; Brazil]
- Silva, Diego Carvalho da**  
2016. See Paluch, M. et al., 2016.
- Silva, Diego Mathias Natal da, Fábio Luiz de Oliveira, Leandro Pin Dalvi, Dirceu Pratisoli, Wellington Abeldt Erlacher and Mateus Augusto Lima Quaresma**  
2015. Occurrence of insects causing injuries to the yacon crop. *Horticultura brasileira* 33(3): 394-397, 1 fig. (September) [*Chlosyne lacinia saundersi* (Doubleday); host plants; Brazil]
- Silva, Donna Lisa de**  
2016a. See Chazot, N. et al., 2016b.  
2016b. See Chazot, N. et al., 2016c.  
2016c. See Arias, M. M. et al., 2016c.  
2018. See Chazot, N. et al., 2018.  
2019. See Chazot, N. et al., 2019a.
- Silva, Donna Lisa de, Julia J. Day, Marianne Elias, Keith Richard Willmott, Alaine Whinnett and James**

- Louis Borlase Mallet**
2010. Molecular phylogenetics of the neotropical butterfly subtribe Oleriina (Nymphalidae: Danainae: Ithomiini). *Molecular Phylogenetics and Evolution* 55(3): 1032-1041, 2 figs., 3 tabs. (June; published online 15 January) [general]
- Silva, Donna Lisa de, Marianne Elias, Keith Richard Willmott, James Louis Borlase Mallet and Julia J. Day**
2016. Diversification of clearwing butterflies with the rise of the Andes. *Journal of Biogeography* 43(1): 44-58, 4 figs., 3 tabs. (January; published online 24 September 2015) [Oleriina; evolution; Central and South America]
- Silva, Donna Lisa de, Luísa Lima e Mota, Nicolas Chazot, Ricardo Mallarino, Karina Lucas Silva-Brandão, Luz Myriam Gómez, André Victor Lucci Freitas, Gerardo Lamas, Mathieu Joron, James Louis Borlase Mallet, Carlos Eduardo Giraldo, Sandra Inés Uribe, Tiina Särkinen, Sandra Knapp, Christopher David Jiggins, Keith Richard Willmott and Marianne Elias**
2017. North Andean origin and diversification of the largest ithomiine butterfly genus. *Scientific Reports* 7(45966): 1-17, 5 figs., 4 tabs. (published online 7 April) [general; *Pteronymia*; Neotropics]
- Silva, Donna Lisa de, Armando Silva and James Louis Borlase Mallet**
2011. Selection for enemy-free space: eggs placed away from the host plant increase survival of a neotropical ithomiine butterfly. *Ecological Entomology* 36(6): 667-672, 3 figs., 1 tab. (December; published online 30 October) [*Oleria onega* (Hewitson); life history; host plant; behavior; predation; Peru]
- Silva, E. Pilar, and Marcela Patricia Ibarra-González**
2003. *Lepidópteros diurnos de la Sierra de Huautla, Morelos*, pp. 230-235, 1 fig., 1 tab. In: Romero, J., E. G. Estrada & A. Equihua (Eds.), *Entomología mexicana 2*. México, Sociedad mexicana de Entomología. [general; Mexico]
- Silva, Edimar Antônio da**
1997. See Bastos, C. S. et al., 1997.
- Silva, Eduardo José Ely e**
2010. See Siewert, R. R. et al., 2010.
2013. See Silva, J. M. et al., 2013.
- 2017a. See Silva, J. M. et al., 2017a.
- 2017b. See Silva, J. M. et al., 2017b.
2019. See Silva, J. M. et al., 2019.
- Silva, Eduardo Oliveira, Ana Carla Feio, Poliana Cardoso-Gustavson, Michaele Alvim Milward-de-Azevedo, João Ubiratan Moreira dos Santos and Ana Cristina Andrade de Aguiar Dias**
2017. Extrafloral nectaries and plant-insect interactions in *Passiflora* L. (Passifloraceae). *Brazilian Journal of Botany* 40(1): 331-340, 41 figs., 1 tab. (March; published online 24 October 2016) [*Dryas iulia* (Fabricius); host plant; Brazil]
- Silva, Eliane Aparecida**
1987. See Araújo, A. F. B. de et al., 1987.
- Silva, Eliene de Jesus, and Acácio Geraldo de Carvalho**
2004. Influencia de *Clitoria fairchildiana*, *Desmodium incarum* e *Galactia striata* (Leguminosae) na biologia de *Urbanus acawoios* (Lepidoptera: HesperIIDae). *Quebracho* 11: 33-41, 6 tabs. (December) [host plants; Brazil]
- Silva, Elliot**
1989. See Jiménez, M. et al., 1989.
- Silva, Emmanuelle Séfora Cabral**
2015. See Cardoso, M. Z. & E. S. C. Silva, 2015.
- Silva, Ezio Marques da**
2004. See Moreira, M. D. et al., 2004.
- Silva, Fátima Regina Jaloretto da**
2019. See Sousa, W. O. de et al., 2019.
- Silva, Flávio Marquini da**
2010. See Picanço, M. C. et al., 2010.
- Silva, Gabriel Barros**
2011. See Soares, A. et al., 2011.
- Silva, Gerson Adriano**
2008. See Paula, V. F. de et al., 2008.
2017. See Araújo, T. A. de et al., 2017.
2018. See Lopes, M. C. et al., 2018.
- Silva, Héctor**
2004. See Solís, R. et al., 2004.
- Silva, Iole Fernanda da**
2011. See Wendt, J. G. N. et al., 2011.
- Silva, Irene da**
- 1986a. See Souza, V. B. V. de et al., 1986a.
- 1986b. See Souza, V. B. V. de & I. da Silva, 1986a.
- 1986c. See Souza, V. B. V. de & I. da Silva, 1986b.
- 1986d. See Souza, V. B. V. de et al., 1986b.
- Silva, J.**
1962. See Báscones, L. et al., 1962.
1990. See Oleas, A. et al., 1990.
- Silva, Janaina Madruga, Samuel Kabke da Cunha, Eduardo José Ely e Silva and Flávio Roberto Mello Garcia**
2013. Borboletas frugívoras (Lepidoptera: Nymphalidae) no Horto Botânico Irmão Teodoro Luis, Capão do Leão, Rio Grande do Sul, Brasil. *Biotemas* (Florianópolis) 26(1): 87-95, 5 figs., 2 tabs. (March) [general]
- Silva, Janaina Madruga, Karine Gawlinski, Mayana Rabêlo Moscoso, Mara Patricia Verman Zurschimiten, Samuel Kabke da Cunha, Cristiano Agra Iserhard, Eduardo José Ely e Silva and Flávio Roberto Mello Garcia**
2019. Diversidade de borboletas em fragmentos de floresta estacional semidecidual e campos do bioma Pampa brasileiros. *Shilap* 47(186): 359-372, 5 figs., 2 tabs. (30 June) [general]
- Silva, Janaina Madruga, Karine Gawlinski, Mayana Rabêlo Moscoso, Mara Patricia Verman Zurschimiten, Samuel Kabke da Cunha, Eduardo José Ely e Silva and Flávio Roberto Mello Garcia**
- 2017b. Borboletas em floresta estacional semidecidual e campos do bioma Pampa, Brasil (Lepidoptera: Papilionoidea). *Shilap* 45(179): 357-368, 3 figs., 2 tabs. (30 September) [general]
- Silva, Janaina Madruga, Cristiane Pereira Krüger, Ricardo Russo Siewert and Eduardo José Ely e Silva**
- 2017a. Borboletas em áreas de vegetação nativa e plantio de eucalipto no extremo sul do Brasil (Lepidoptera: Papilionoidea). *Shilap* 45(177): 5-16, 3 figs., 2 tabs. (30 March) [general]
- Silva, Joaquim R.**
1996. See Morais, H. C. de et al., 1996.
- Silva, José Jairo da**
2010. See Cunha, F. et al., 2010.
- Silva, Juliana Braga da**
2010. See Rios, P. A. F. et al., 2010.
- Silva, Juliana Resende da**
2011. See Pereira, H. A. et al., 2011.
- Silva, Leonardo Assis da**
2019. See Ribeiro, B. M. et al., 2019.
- Silva, Leonardo Assis da, Daniel Mendes Pereira Ardisson de Araújo, Ricardo Salles Tinôco, Odair Aparecido**

- Fernandes, Fernando Lucas de Melo and Bergmann Morais Ribeiro**  
2015. Complete genome sequence and structural characterization of a novel iflavivirus isolated from *Opsiphanes invirae* (Lepidoptera: Nymphalidae). *Journal of Invertebrate Pathology* 130: 136-140, 2 figs. (September; published online 5 August) [host plant; Brazil]
- Silva, Luciana da**  
2016. See Nardin, J. de et al., 2016.  
2017. See Nardin, J. de et al., 2017.
- Silva, Maria Helena Pinto Bivar de Matos e**  
1996. See Anken, R. H. & M. H. P. B. de M. e Silva, 1996.  
1998a. See Anken, R. H. & M. H. P. B. de M. e Silva, 1998.  
1998b. See Anken, R. H. et al., 1998.
- Silva, Maria-Lídia de Souza**  
2015. See Ramos, M. V. et al., 2015.
- Silva, Maria Nazareth Ferreira da**  
2007. See Barlow, B. J. et al., 2007a.  
2008. See Gardner, T. A. et al., 2008.
- Silva, Mario do Nascimento**  
1968. See Silva, A. G. d'A. e et al., 1968.
- Silva, Michelle Gonçalves**  
2013. See Rios, G. G. et al., 2013.
- Silva, Miriam de Castro e**  
2014. See Cruz, D. D. da et al., 2014.
- Silva, Nadja Nara Pereira da**  
2016. See Querino, R. B. et al., 2016.
- Silva, Nedyson Araújo**  
2011. See Soares, A. et al., 2011.
- Silva, Neliton Marques da**  
2007. See Lourido, G. M. et al., 2007.
- Silva, Neuza Aparecida Pereira da**  
2017. See Lepesqueur, C. et al., 2017.
- Silva, Neuza Aparecida Pereira da, Eliezer Beleza de Araújo, Olaf Hermann Hendrik Mielke and Helena Castanheira de Morais**  
2012. Aspectos biológicos de *Heliopetes arsalte* (Linnaeus, 1758) (Hesperiidae, Pyrginae) em cerrado do Distrito Federal. *Bioscience Journal* (Uberlândia) 28(1): 114-117, 2 figs. (February) [egg, larva, pupa, imago; host plant; parasitoid; Brazil]
- Silva, Neuza Aparecida Pereira da, Marcelo Duarte, Eliezer Beleza de Araújo and Helena Castanheira de Morais**  
2014. Larval biology of anthophagous Eumaeini (Lepidoptera: Lycaenidae, Theclinae) in the Cerrado of Central Brazil. *Journal of Insect Science* 14(184): 1-17, 23 figs., 2 tabs. (1 January) [general; host plants; parasitoids]
- Silva, Neuza Aparecida Pereira da, Marcelo Duarte, Ivone Rezende Diniz and Helena Castanheira de Morais**  
2011. Host plants of Lycaenidae on inflorescences in the central Brazilian cerrado. *Journal of Research on the Lepidoptera* 44: 95-105, 2 tabs. (31 December; published online 4 December) [general]
- Silva, Neuza Aparecida Pereira da, Cintia Lepesqueur, Agnelo Rodrigues Souza and Helena Castanheira de Morais**  
2016. Biology of the immature stages of *Strymon crambusa* (Lycaenidae, Theclinae) on Oxalidaceae. *Revista Brasileira de Entomologia* 60(1): 68-72, 2 figs., 1 tab. (March; published online 28 November 2015) [egg, larva, pupa, imago; host plants; Brazil]
- Silva, Osvaldo Aulino da**  
1989. See Gobbi, N. et al., 1989.
- Silva, Patrícia Lopes da**  
2017. See Teston, J. A. & P. L. da Silva, 2017.
- Silva, Patrícia Lopes da, Nathalia Prado Oliveira, Eduardo de Proença Barbosa, Yukari Okada, Lucas Augusto Kaminski and André Victor Lucci Freitas**  
2011. Immature stages of the Brazilian crescent butterfly *Ortilia liriopae* (Cramer) (Lepidoptera: Nymphalidae). *Neotropical Entomology* 40(3): 322-327, 3 figs. (June) [egg, larva, pupa, imago; host plant; behavior]
- Silva, Patrícia do Socorro de Campos da**  
2010. See Santos, S. B. dos et al., 2010.
- Silva, Paula Joseanny Borges da**  
2000. See Overal, W. L. & P. J. B. da S., 2000.  
2002. See Overal, W. L. & P. J. B. da S., 2002.
- Silva, Pedrito** [1917-1990]  
1939. Relação dos insetos observados pela Estação Geral de Experimentação do Instituto de Cacau da Bahia, durante o ano de 1938. *A Bahia rural* (Salvador) 6(65/66): 93, 95 (April-May) [*Papilio anchisiades capys* Hübner; host plant; Brazil]  
1944. Insect pests of cacao in the state of Bahia, Brazil. *Tropical Agriculture* 21(1): 8-14 (January) [*Thecla* sp.]
- Silva, Péricles Rocha da**  
2004. See Endringer, F. B. et al., 2004.
- Silva, Ramón**  
2006. See Rodríguez, G. et al., 2006.  
2009a. See Rodríguez, G. et al., 2009a.  
2009b. See Rodríguez, G. et al., [2009]b.  
2011. See Rodríguez, G. et al., 2011.  
2012a. See Rodríguez, G. et al., 2012a.  
2012b. See Rodríguez, G. et al., 2012b.
- Silva, Raymundo Fernandes e**  
1932. *Cultura racional do abacaxi*. Recife, Publicações da Secretaria da Agricultura, Viação e Obras Públicas. 75 pp., 12 pls. [*Hypolycaena phillipus* (Fabricius); host plant; larva, pupa, imago; Brazil]  
1934. *Doenças e pragas do abacaxi*. Rio de Janeiro, Typographia Carmo. 36 pp., 9 figs. [*Hypolycaena phillipus* (Fabricius), *Thecla echion* (Linnaeus); life history; host plants; Brazil]
- Silva, Regina M. P. Cordeiro da**  
1986. See Souza, V. B. V. de et al., 1986.
- Silva, Ricardo Adaime da**  
2002. See Gazel Filho, A. B. et al., 2002.
- Silva, Ricardo Siqueira da**  
2010. See Picanço, M. C. et al., 2010.
- Silva, Rodolfo R. da**  
2018. See Borges, E. de O. et al., 2018.
- Silva, Roger Borges da**  
2007. See Fleck, T. et al., 2007.
- Silva, Rogério Rosa da**  
1998. A coleção entomológica do Museu Fritz Plaumann. *Biotemas* (Florianópolis) 11(2): 157-164, 2 tabs. (November) [general; Brazil]
- Silva, Sônia M. T.**  
1989. See Hohmann, C. L. et al., 1989.
- Silva, Thamyrys Pinho da, Willian Falcão Pias and Ricardo Giovenardi**  
2018. Borboletas frugívoras de fragmentos de mata atlântica no noroeste do Rio Grande do Sul, Brasil (Lepidoptera: Nymphalidae). *EntomoBrasilis* 11(2): 95-102, 3 figs., 1 tab. (31 August) [general]
- Silva, Tito Lopes da**  
1971. See Corseuil, E. & T. L. da Silva, 1971.
- Silva, Valkiria Fabiana**  
2010. See Antunes, C. S. et al., 2010.

- Silva, Vanessa Diniz e**  
2018. See Pires, A. C. V. et al., 2018.
- Silva, Wiane Meloni**  
2018. See Tavares, W. de S. et al., 2018.
- Silva, Xavier**  
1998. See Moreno, M. et al., 1998.  
[2011]. *Ecología de mariposas del Ecuador. Ecuador's butterfly ecology*. Quito, Universidad San Francisco. 216 pp., figs. ([before 14 December]) [general]
- Silva-Aparicio, Marisa**  
2013. See Pacheco-Flores, C. et al., 2013.
- Silva(-Brandão), Karina Lucas**  
2006. See Brower, A. V. Z. et al., 2006.  
2007. The genus *Parides*. Butterflies of the World, Supplement 13, by Tommaso Racheli. 2006. *Journal of the Lepidopterists' Society* 61(4): 233-234 (14 December) [general; book review]  
2009a. See Willmott, K. R. et al., 2009.  
2009b. See Elias, M. et al., 2009.  
2009c. See Freitas, A. V. L. et al., 2009.  
2011. See Freitas, A. V. L. et al., 2011a.  
2012a. See Condamine, F. L. et al., 2012b.  
2012b. See Freitas, A. V. L. et al., 2012a.  
2014a. See Seraphim, N. et al., 2014.  
2014b. See Freitas, A. V. L. et al., 2014.  
2014c. See Brower, A. V. Z. et al., 2014a.  
2014d. See Brower, A. V. Z. et al., 2014b.  
2015. See Garzón, I. J. et al., 2015a.  
2016. See Seraphim, N. et al., 2016.  
2017. See Silva, D. L. de et al., 2017.  
2018. See Seraphim, N. et al., 2018.  
2019a. See Freitas, A. V. L. et al., 2019c.  
2019b. See Rosa, A. H. B. et al., 2019b.
- Silva-Brandão, Karina Lucas, Ana Maria Lima de Azeredo-Espin and André Victor Lucci Freitas**  
2008b. New evidence on the systematic and phylogenetic position of *Parides burchellanus* (Lepidoptera: Papilionidae). *Molecular Ecology Resources* 8(3): 502-511, 3 figs., 4 tabs. (May; published online 11 October 2007) [host plant; Brazil]
- Silva(-Brandão), Karina Lucas, André Victor Lucci Freitas, Andrew Van Zandt Brower and Vera Nisaka Solferini**  
2005. Phylogenetic relationships of the New World Troidini swallowtails (Lepidoptera: Papilionidae) based on COI, COII, and EF-1 $\alpha$  genes. *Molecular Phylogenetics and Evolution* 36(3): 468-483, 4 figs., 4 tabs. (September; published online 13 June) [general]
- Silva-Brandão, Karina Lucas, Mariana Lúcio Lyra and André Victor Lucci Freitas**  
2009. Barcoding Lepidoptera: Current situation and perspectives on the usefulness of a contentious technique. *Neotropical Entomology* 38(4): 441-451 (August) [general]
- Silva(-Brandão), Karina Lucas, and Vera Nisaka Solferini**  
2007. Use of host plants by Troidini butterflies (Papilionidae, Papilioninae): constraints on host shift. *Biological Journal of the Linnean Society* 90(2): 247-261, 6 figs., 1 tab. ([12] February) [general; Neotropics]
- Silva(-Brandão), Karina Lucas, and José Roberto Trigo**  
2002. Structure-activity relationships of pyrrolizidine alkaloids in insect chemical defense against the orb-weaving spider *Nephila clavipes*. *Journal of chemical Ecology* 28(4): 657-668, 1 fig., 2 tabs. (April) [general; Brazil]
- Silva-Brandão, Karina Lucas, Niklas Wahlberg, Ronaldo Bastos Francini, Ana Maria Lima de Azeredo-Espin, Keith Spalding Brown, Jr., Márion Paluch, David C. Lees and André Victor Lucci Freitas**  
2008a. Phylogenetic relationships of butterflies of the tribe Acraeini (Lepidoptera, Nymphalidae, Heliconiinae) and the evolution of host plant use. *Molecular Phylogenetics and Evolution* 46(2): 515-531, 5 figs., 3 tabs. (February; published online 10 January) [general]
- Silva-Díaz, Nivia da**  
2011. See Broglio-Micheletti, S. M. F. et al., 2011.
- Silva-Junior, Eduardo Afonso**  
2019. See Gallon, M. E. et al., 2019.
- Silva-Vásquez, Armando**  
2007. See Dasmahapatra, K. K. et al., 2007.
- Silva-Vásquez, Carmela**  
2014. *Artrópodos*, pp. 392-394, figs. 26-27, tab. 14. In: *La biodiversidad en Chihuahua: Estudio de estado*. México, Comisión Nacional para el Conocimiento y Uso de la Biodiversidad. [*Pieris rapae* (Linnaeus), *Nathalis iole* Boisduval; Mexico]
- Silvain, Jean-François**  
1990. See Rogers, C. E. et al., 1990.  
2012. See Cassildé, C. et al., 2012.  
2017. See Nattier, R. et al., 2017.
- Silveira, Aquiles** [1914-2004]  
1953. See Parker, H. L. et al., 1953.
- Silveira, Aquiles, and Dale H. Habeck**  
[1979]. *Natural enemies of Strangler, Morrenia odorata, and two closely related species*, *M. brachystephana* and *Araujia hortorum* in Uruguay, pp. 128-131, 1 tab. In: Freeman, T. E. (Ed.), *Proceedings of the IVth International Symposium on Biological Control of Weeds*. Gainesville, University of Florida. [*Danaus erippus* (Cramer); host plants; life history]
- Silveira, Aquiles, and Agustín Ruffinelli**  
1956. Primer catálogo de los parásitos y predadores encontrados en el Uruguay. *Boletín. Facultad de Agronomía de Montevideo* 32: 1-78 (November) [general]  
1958. Primer catálogo de los parásitos y predadores encontrados en el Uruguay. *Proceedings of the Tenth international Congress of Entomology* (Montreal) 4: 913-924 (December) [general]
- Silveira, Arlete José da**  
2012. Mattos Sobrinho, C. C. de et al., 2012.
- Silveira, Fernando Amaral da**  
2008. See Machado, A. B. M. et al., 2008.  
2019. See Soldati, D. et al., 2019.
- Silveira, Geraldo Goulart da**  
1949. Alguns processos para combater a "resinose" do abacaxizeiro. *Chácaras e Quintais* (São Paulo) 80(1): 47-48, 2 figs. (15 July) [*Thecla basilides* (Geyer); Brazil]
- Silveira, Luís Cláudio Paterno**  
2012. See Assis, F. A. de et al., 2012.
- Silveira, Rosiris Bergemann de Aguiar**  
1986. See Bergman, E. C. et al., 1986.
- Silveira, Sinval, Neto**  
1970. See Gallo, D. et al., 1970.
- Silver, Jack, Robert Withnall, Terry G. Ireland and George R. Fern**  
2005. Novel nano-structured phosphor materials cast from natural *Morpho* butterfly scales. *Journal of modern Optics* 52(7): 999-1007, 6 figs. (10 May) [*M. peleides* Kollar]
- Silvério, Flaviano Oliveira**  
2017. See Moreno, S. C. et al., 2017.

- Silvério, Flaviano Oliveira, Elson S. de Alvarenga, Shaiene Costa Moreno and Marcelo Coutinho Picanço**  
2009. Synthesis and insecticidal activity of new pyrethroids. *Pest Management Science* 65(8): 900-905, 3 figs., 3 tabs. (August; published online 5 May) [*Ascia monuste orseis* (Godart); Brazil]
- Silvestre, Rogério**  
2017. See Roque, F. de O. et al., 2017.
- Silvestre-Trujillo, María del Rosario**  
2018. Peralta-Cisneros, J. M. et al., 2018.
- Simbaña, Wilmer Rosendo**  
2009. See Greeney, H. F. et al., 2009.  
2010. See Greeney, H. F. et al., 2010c.
- Sime, Karen R.**  
2006. See Wahl, D. B. & K. R. Sime, 2006.
- Sime, Karen R., and Andrew Van Zandt Brower**  
1998. Explaining the latitudinal gradient anomaly in ichneumonid species richness: evidence from butterflies. *Journal of Animal Ecology* 67(3): 387-399, 2 figs., 2 tabs. (May) [general]
- Sime, Karen R., and David Bruce Wahl**  
2002. The cladistics and biology of the *Callajoppa* genus-group (Hymenoptera: Ichneumonidae, Ichneumoniinae). *Zoological Journal of the Linnean Society* 134(1): 1-56, 73 figs. ([28] January) [Nymphalidae, Papilionidae; parasitoids]
- Simelane, David O., K. V. Mawela and A. Fourie**  
2011. Prospective agents for the biological control of *Tithonia rotundifolia* (Mill.) S.F. Blake and *Tithonia diversifolia* (Hemsl.) A. Gray (Asteraceae) in South Africa. *African Entomology* 19(2): 443-450, 5 figs. (August) [*Chlosyne* sp.; host plant; Mexico]
- Simmonds, Frederick J.** [ -1985]  
1958. Recent work on biological control in the British West Indies. *Proceedings of the Tenth International Congress of Entomology* (Montreal) 4: 475-478 (December) [*Calpodes ethlius* (Cramer), *Pieris monuste* (Linnaeus), *Brassolis sophorae* (Linnaeus); host plants; parasitoids; Guyana]  
1964. See Thompson, W. R. & F. J. Simmonds, 1964.
- Simmonds, Hubert W.** [1877-1966]  
1930. Mission to Trinidad – Introduction of *Liothrips urichi*. *Agricultural Journal* (Suva) 3(2): 55-67, figs. 9-23 [figures not printed]. [*Siderus leucophagus* [sic] (Hübner); host plant]  
1931. Noxious weeds and their control in Fiji. *Agricultural Journal* (Suva) 4(1): 29-31. [*Thecla echion* (Linnaeus), *T. agra* Hewitson; host plant; Mexico]  
1932. A list of insects introduced into Fiji for the biological control of pests and weeds. *Agricultural Journal* (Suva) 5(1): 5-9 (September) [*Thecla echion* (Linnaeus), *T. agra* Hewitson; host plant; Mexico]  
1933. The biological control of the weed *Clidemia hirta*, D. Don, in Fiji. *Bulletin of Entomological Research* 24(3): 345-348 (29 September) [*Siderus leucophaeus* (Hübner); host plant; Trinidad]  
1934. Biological control of noxious weeds, with special reference to the plants *Clidemia hirta* (The Curse) and *Stachytarpheta jamaicensis* (Blue Rat Tax). *Agricultural Journal* (Suva) 7(1): 3-10. [*Thecla echion* (Linnaeus), *T. agra* Hewitson; host plants]
- Simmons, Alvin M.**  
1990. See Rogers, C. E. et al., 1990.  
1991. See Rogers, C. E. et al., 1991.
- Simmons, Zoë**  
2009. See Mann, D. J. & Z. Simmons, 2009.
- Simó, Miguel, Carlos Prigioni, José Antonio Langone and Federico Achaval**  
1986. Nuevos aportes al relevamiento de especies introducidas accidentalmente al Uruguay por cargamentos de bananas. *Resumos XIII Congresso Brasileiro de Zoologia* (Cuiabá), p. 265. [*Caligo* sp.; Brazil]
- Simões, Luíz Carlos G.**  
1997. See Kubrusly, F. S. et al., 1997.
- Simon, Hilda**  
1969. *Milkweed butterflies. Monarchs, models, and mimics*. New York, The Vanguard Press. 120 pp., figs. [general; ecology; behavior]  
1971. *The splendor of iridescence. Structural colors in the animal world*. New York, Dodd, Mead and Company. 268 pp., 8 pls., figs. [general]
- Simón, Juan E., Juan Ezequiel González, A. Lung and Alberto Martín**  
1963. Plagas y pesticidas en la campaña agrícola 1961-1962. *La Vida Agrícola* (Lima) 40(471): 77-95 (February) [*Papilio thoas* Linnaeus; host plant; Peru]
- Simón, Juan E., Juan Ezequiel González, Francisco Olave and Alberto Martín**  
1964a. Plagas y pesticidas en la campaña agrícola 1962-63. *Boletín Técnico. Servicio de Investigación y Promoción Agraria. Ministerio de Agricultura* (Lima) 50: 1-48 (January) [*Papilio thoas* Linnaeus; host plant; Peru]  
1964b. Plagas y pesticidas en la campaña agrícola 1963-64. *La Vida Agrícola* (Lima) 41(485): 191-203 (April) [*Prenes ares* Felder, *Papilio thoas* Linnaeus; host plants; Peru]
- Simón, Juan E., Alberto Martín and Marcos A. Arellano**  
1966. Plagas y pesticidas en la campaña agrícola 1963-1964. *Boletín Técnico. Servicio de Investigación y Promoción Agraria. Ministerio de Agricultura* (Lima) 64: 1-83 ("December 1965", March 1966) [*Papilio thoas* Linnaeus, *Urbanus proteus* (Linnaeus); host plants; Peru]
- Simon, Leroy**  
2002. Photography and travel in Ecuador. *News of the Lepidopterists' Society* 44(4): 107-109, 24 figs. (1 December) [general]  
2004. A return to Ecuador. *News of the Lepidopterists' Society* 46(2): 65, 67-69, 72, figs. (15 June) [general]
- Simon, Mark J.**  
1992. See Miller, L. D. et al., 1992.  
1997. See Miller, L. D. & M. J. Simon, 1997.  
1998a. See Miller, L. D. & M. J. Simon, 1998a.  
1998b. See Hernández, L. R. et al., 1998.  
1998c. See Miller, L. D. & M. J. Simon, 1998b.  
2015. See Miller, J. Y. et al., 2015.  
2017. See Willmott, K. R. et al., 2017a.
- Simon, Mark J., and Lee Denmark Miller**  
1986. Observations on the butterflies of Great Inagua Island, Bahamas, with records of three species new to the island. *Bulletin of the Allyn Museum* 105: 1-14, 14 figs. (29 July) [general]
- Simon, Robert B.**  
2000. Art of the butterfly. *American Butterflies* 8(1): 33-35, 1 fig. [*Morpho menelaus* (Linnaeus); Brazil]
- Simonetti, Gastón, and Mariano Devoto**  
2018. La defensa de *Passiflora caerulea* por hormigas reduce el número de huevos y larvas de *Agraulis vanillae*, pero no el daño por herbivoría. *Ecología Austral* 28(1): 123-132, 1 fig. (April) [host plant; Argentina]

- Simonetti, Javier A.** [1955- ]  
2002. See Niemeyer, H. M. et al., 2002.
- Simoni, Lúcia de**  
1968. See Silva, A. G. d'A. e et al., 1968.
- Simonis, Priscilla**  
2010a. See Vigneron, J.-P. et al., 2010.  
2010b. See Vigneron, J.-P. & P. Simonis, 2010.
- Simonis, Priscilla, and Serge Berthier**  
2012. *How nature produces blue color*, pp. 3-24, 12 figs. In: Massaro, A. (Ed.), *Photonic crystals. Introduction, applications and theory*. Rijeka, In Tech. (published online 30 March) [general; morphology]
- Simons, G. J.**  
1868. *Beschrijving van het eiland Curaçou, uit verschillende Bronnen bijeenverzameld*. Oosterwolde, G. S. de Tempe. 156 pp., frontisp., 1 map. [general; Curaçao]
- Simonsen, Thomas Johannes** [1972- ]  
2003. See Kristensen, N. P. & T. J. Simonsen, 2003.  
2005. *Boloria* phylogeny (Lepidoptera: Nymphalidae): tentatively reconstructed on the basis of male and female genital morphology. *Systematic Entomology* 30(4): 653-665, 6 figs., 2 tabs. (October) (published online 7 March) [*Yramea cytheris* (Drury); Argentina]  
2006a. Glands, muscles and genitalia. Morphological and phylogenetic implications of histological characters in the male genitalia of fritillary butterflies (Lepidoptera: Nymphalidae: Argynnini). *Zoologica Scripta* 35(3): 231-241, 7 figs., 1 tab. (May) [general; new subtribe: Euptoitina [sic] (*nomen nudum*)]  
2006b. Fritillary phylogeny, classification, and larval host plants: reconstructed mainly on the basis of male and female genital morphology (Lepidoptera: Nymphalidae: Argynnini). *Biological Journal of the Linnean Society* 89(4): 627-673, 33 figs., 3 tabs. (December) [general; new subtribe: Euptoietina]  
2007. Comparative morphology and evolutionary aspects of the reflective under wing scale-pattern in fritillary butterflies (Nymphalidae: Argynnini). *Zoologischer Anzeiger* 246(1): 1-10, 25 figs., 1 tab. (22 May) [general]  
2009. See Roe, A. D. et al., 2009.  
2011a. See Penz, C. M. et al., 2011a.  
2011b. See Nieuwerkerken, E. J. van et al., 2011.  
2014. See Timmermans, M. J. T. N. et al., 2014.  
2017. See Penz, C. M. et al., 2017.
- Simonsen, Thomas Johannes, Rienk de Jong, Maria Heikkilä and Lauri Kaila**  
2012. Butterfly morphology in a molecular age – Does it still matter in butterfly systematics? *Arthropod Structure and Development* 41(4): 307-322, 11 figs. (July) [general; Neotropics]
- Simonsen, Thomas Johannes, and Niels Peder Kristensen**  
2003. Scale length/wing length correlation in Lepidoptera. *Journal of Natural History* 37(6): 673-679, 2 figs. (20 March) [general]
- Simonsen, Thomas Johannes, Niklas Wahlberg, Andrew Van Zandt Brower and Rienk de Jong**  
2006. Morphology, molecules and fritillaries: approaching a stable phylogeny for Argynnini (Lepidoptera: Nymphalidae). *Insect Systematics and Evolution* 37(4): 405-418, 5 figs., 3 tabs. (December) [general]
- Simonsen, Thomas Johannes, Niklas Wahlberg, Andrew David Warren and Felix A. H. Sperling**  
2010. The evolutionary history of *Boloria* (Lepidoptera: Nymphalidae): phylogeny, zoogeography and larval-plant relationships. *Systematics and Biodiversity* 8(4): 513-529, 5 figs., 2 tabs. (1 December; published online 21 December) [*Yramea cytheris* (Drury)]
- Simonsen, Thomas Johannes, Evgueni Valentinovich Zakharov, Marie Djernaes, Adam Miles Cotton, Richard Irwin Vane-Wright and Felix A. H. Sperling**  
2011. Phylogenetics and divergence times of Papilioninae (Lepidoptera) with special reference to the enigmatic genera *Teinopalpus* and *Meandrusa*. *Cladistics* 27(2): 113-137, 6 figs., 3 tabs. (April; published online 1 June 2010) [general; Neotropics]
- Simplicio, Antônio Alisson Fernandes**  
2014. See Roque, M. G. et al., 2014.
- Simpson, Beryl B., and Jürgen Haffer**  
1978. Speciation patterns in Amazonian forest biota. *Annual Review of Ecology and Systematics* 9: 497-518, 6 figs. [general; biogeography]
- Simpson, Fraser**  
2005a. See Whinnett, A. et al., 2005b.  
2005b. See Whinnett, A. et al., 2005c.  
2010. See Dasmahapatra, K. K. et al., 2010b.  
2013. See Martin, S. H. et al., 2013.  
2015. See Keightley, P. D. et al., 2015.  
2016. See Davey, J. W. et al., 2016.  
2019. See Rosser, N. et al., 2019a.
- Sims, Sarah**  
2011. See Joron, M. et al., 2011.
- Simson, Alfred**  
1886. *Travels in the wilds of Ecuador and the exploration of the Putumayo river*. London, Sampson Low, Marston, Searle, and Rivington. v + 270 pp., 1 map [general]
- Sinclair, Bradley J.**  
1998. See Peck, S. B. et al., 1998.  
2006. See Causton, C. E. et al., 2006.
- Singer, Michael C.**  
1975. See Gilbert, L. E. & M. C. Singer, 1975.  
1982. See MacKay, D. A. & M. C. Singer, 1982.  
1984. *Butterfly-host plant relationships: host quality, adult choice and larval success*, pp. 81-88, 2 tabs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]  
1985. See Sheppard, P. M. et al., 1985.  
1986. *The definition and measurement of oviposition preferences in plant-feeding insects*, pp. 65-94, 2 figs. In: Miller, J. R. & T. A. Miller (Eds.), *Insect-Plant Interactions*. New York, Springer-Verlag. [*Heliconius*]  
1987. See Mallet, J. L. B. & M. C. Singer, 1987.  
2015. *The education of the field biologist*, pp. 187-202, 2 figs. In: Dyer, L. A. & M. L. Forister (Eds.), *The lives of lepidopterists*. Cham, Springer. [general]
- Singer, Michael C., Philip James DeVries and Paul Ralph Ehrlich**  
1983. The *Cissia confusa* species-group in Costa Rica and Trinidad (Lepidoptera: Satyrinae). *Zoological Journal of the Linnean Society* 79(2): 101-119, 4 figs. ([10] October) [new species: *C. pseudoconfusa*, *C. gomezi*, *C. joyceae*; life histories; host plants; Central and South America]
- Singer, Michael C., and Paul Ralph Ehrlich**  
1993. Host specialization of satyrine butterflies, and their responses to habitat fragmentation in Trinidad. *Journal of Research on the Lepidoptera* 30(3/4): 248-256, 1 fig., 3 tabs. (1 December) [general]
- Singer, Michael C., Paul Ralph Ehrlich and Lawrence Edmund Gilbert**  
1971. Butterfly feeding on lycopsid. *Science* 172(3990): 1341-1342 (25 June) [general; Panama, Trinidad]

- Singer, Michael C., and Lawrence Edmund Gilbert**  
1978. *Ecology of butterflies in the urbs and suburbs*, pp. 1-11. In: Frankie, C. W. & C. S. Koehler (Eds.), *Perspectives in Urban Entomology*. New York, Academic Press. [*Dione juno* (Cramer), Riodininae; Peru, Brazil]
- Singer, Michael C., and James Louis Borlase Mallet**  
1986. Moss-feeding by a satyrine butterfly. *Journal of Research on the Lepidoptera* 24(4): 392 (15 May) [*Euptychia insolata* Butler & Druce; host plant; Costa Rica]
- Singer, Michael C., and Joanne Mandracchia**  
1982. On the failure of two butterfly species to respond to the presence of conspecific eggs prior to oviposition. *Ecological Entomology* 7(3): 327-330, 2 tabs. (August) [*Euptychia libye* (Linnaeus), *E. arnaea* (sic) (Fabricius); Costa Rica]
- Singer, Michael S.**  
2005. See Stireman, J. O., III et al., 2005.  
2007. See Dyer, L. A. et al., 2007.
- Singer, Rodrigo Bustos**  
2012. See Pedron, M. et al., 2011.
- Singer, Rodrigo Bustos, and Marlies Sazima**  
2001. Flower morphology and pollination mechanism in three sympatric Goodyerinae orchids from southeastern Brazil. *Annals of Botany* 88(6): 989-997, 5 figs., 1 tab. (December; published online 8 October) [Hesperiidae]
- Singh, Rhea Nadine**  
1992. The gold drop *Helicopsis*. *The Field Naturalist. Bulletin of the Trinidad and Tobago Field Naturalist Club* 1992(2): 2 (June) [*H. cupido* (Linnaeus); Trinidad]
- Singh, S. R., Louis E. N. Jackai, José Higinio Ribeiro dos Santos and Candida B. Adalla**  
1990. *Insect pests of cowpea*, pp. 43-89, 11 pls., 11 tabs. In: Singh, S. R. (Ed.), *Insect pests of tropical food legumes*. Chichester, John Wiley & Sons. [*Urbanus proteus* (Linnaeus), *Thecla jebus* (Godart); host plant]
- Sipayung, Alimin**  
2002a. See Desmier de Chenon, R. et al., 2002a.  
2002b. See Desmier de Chenon, R. et al., 2002b.
- Siqueira, Herbert Álvaro Abreu de**  
2016. See Lima Neto, J. E. et al., 2016.
- Siqueira, Jane Beatriz Gonçalves**  
1994. See Pereira, O. L., Jr. et al., 1994.
- Siqueira, Kátia Maria Medeiros de**  
2010. See Kiill, L. H. P. et al., 2010.
- Siqueira, Kátia Maria Medeiros de, Lúcia Helena Piedade Kiill, Celso Feitosa Martins, Ivanice Borges Lemos, Sabrina Pitombeira Monteiro Trigo and Edsângela de Araújo Feitoza**  
2008. Estudo comparativo da polinização de *Mangifera indica* L. em cultivo convencional e orgânico na região do Vale do Submédio do São Francisco. *Revista brasileira de Fruticultura* 30(2): 303-310, 8 figs., 2 tabs. (June) [*Urbanus* sp.; Brazil]
- Siqueira, Tadeu**  
2017. See Roque, F. de O. et al., 2017.
- Siqueira Filho, José Alves, and Isabel Cristina Sobreira Machado**  
2008. Flowering phenology and pollination ecology of *Cryptanthus diana* Leme: A case of floral fragrance collecting by Euglossinae bees in Bromeliaceae. *Selbyana* 29(2): 226-232, 2 figs., 1 tab. [*Saliana*; Brazil]
- Sisk, Thomas D.**  
1994a. See Ehrlich, P. R. et al., 1994.  
1994b. See Sparrow, H. R. et al., 1994.  
1996. See Austin, G. T. et al., 1996.
- Sison-Mangus, Marilou P.**  
2006. See Zaccardi, G. et al., 2006.  
2007a. See Frentiu, F. D. et al., 2007a.  
2007b. See Frentiu, F. D. et al., 2007b.  
2009. See Pohl, N. et al., 2009.  
2010a. See Briscoe, A. D. et al., 2010a.  
2010b. See Briscoe, A. D. et al., 2010b.
- Sison-Mangus, Marilou P., and Adriana Danielle Briscoe**  
2009. *Molecular and physiological innovations of butterfly eyes*, pp. 121-135, 5 figs., 1 tab. In: Goldsmith, M. R. & F. Marec (Eds.), *Molecular Biology and Genetics of the Lepidoptera*. Boca Raton, CRC Press (1 September) [general; morphology]
- Sittenfeld, Ana**  
2004. See Nielsen, V. et al., 2004.  
2005. See Hernández, F. et al., 2005.
- Sjöberg, Göran [1947- ]**  
1997. *Colias ponteni*, Wallengren, 1860. Bredbandad Höfjäril. *Insectifera* 5: 68-102, figs. (August) [Chile, Argentina]  
2004. Dagfjärilsnamn härledda ur Trojanska krigets mytologiska figurer. *Insectifera* 10: 70-137, figs. (December) [general]  
2019. *Colias ponteni* Wallengren, 1861. 47 years of investigation, thought and speculations over a butterfly. *Insectifera* 11: 1-100, figs. (June) [general]
- Sjöstedt, Bror Yngve [1866-1948]**  
1928. Über einen dem Stockholmer Reichmuseum gehörenden Zwitter von *Morpho rhetenor* Cram., den prachtvollsten aller bisher bekannter gynandromorphen Lepidopteren, nebst Literatur über die Zwitter (Hermaphroditen) dieser Insekten-gruppe. *Arkiv för Zoologi* 20A(5): 1-60, 5 pls., 1 fig. (9 October) [general; Central and South America]
- Sjostrom, Zacharias**  
1819. [Thesis]. In: Thunberg, C. P., *Museum Naturalium Academiae Upsaliensis. Dissertationes*. Upsaliae, Regiae Academiae Typographi. 29: [4] + 1-8 (26 May) [general]
- Skals, Niels**  
2003. See Rydell, J. et al., 2003.
- Skalski, Andrzej Władysław [1938-1996]**  
1998. See Kristensen, N. P. & A. W. Skalski, 1998.
- Skelhorn, John**  
2017. See Cuthill, I. C. et al., 2017.
- Skelley, Paul E.**  
1998. See Woodruff, R. E. et al., 1998.
- Skertchly, Sydney Barber Josiah [1850-1926]**  
1886. See Tylor, A. & S. B. J. Skertchly, 1886.
- Skinner, Harold W. [1917-2004]**  
1966. On collecting *Agrias* in Venezuela. *Newsletter of the Association of Minnesota Entomologists* 1(1): 20 (26 July-9 November) [general]  
1969. Banana bait. *Bulletin of the amateur Entomologists' Society* 28(285): 121-123 (December) [*Morpho theseus fruhstorferi* Röber; Venezuela]
- Skinner, Henry [1861-1926]**  
1889. Two new species of butterflies. *Transactions of the american entomological Society* 16(11): 86-87 (March) [*Anartia dominica*, *Myscelia streckeri*; Dominica, Mexico]  
1891a. [Explanation of plate]. *Entomological News* 2(6): 101-102, pl. 1 ("June", [29 May]) [cf. also Aaron, 1890] [*Erycides urania* Westwood, *Eudamus hesus*

- (Westwood); Mexico]
- 1891b. Explanation of plate VII. *Entomological News* 2(8): 149-150, pl. 7 ("October", [29 September]) [*Caligo atreus* Kollar]
1892. [Explanation of plate]. *Entomological News* 3(5): 105, pl. 4 ([2] May) [*Papilio polydamas* Linnaeus, *P. sinon* Cramer, *P. mylotus* Bates]
1894. *Tachyris ilaire* n. var. *neumoegenii*. *Entomological News* 5(4): 110, pl. 4 ("April", [30 March]) [general]
- 1897a. [A note]. *Entomological News* 8(6): 123 ("June", [29 May]) [*Thecla martialis* Herrich-Schäffer; Cuba]
- 1897b. Notes on Rhopalocera, with descriptions of new species and varieties. *Canadian Entomologist* 29(6): 154-156 (4 June) [*Junonia coenia* variety *negra* Felder; Mexico]
1898. *A synonymic catalogue of the North American Rhopalocera*. Philadelphia, American Entomological Society. xvi + 100 + xiv pp. (15 December) [general; Neotropics]
1899. Notes on butterflies, with descriptions of new species. *Entomological News* 10(5): 111-113 (3 May) [*Lycorea cleobaea* variety *atergatis* Doubleday; Brazil, Central America]
- 1900a. [Notes]. *Entomological News* 11(1): 346-347 (January) [general; Peru, Bolivia]
- 1900b. A headlong plunge into the synonymy. *Entomological News* 11(7): 533-535, pl. 14 ([1] September) [*Neophasia terlotii* Behr; Mexico]
1904. [Explanation of plate]. *Entomological News* 15(1): 1, pl. 1 ([5] January) [*Agrias sardanapalus* Bates, *Papilio oedippus* Lucas]
- 1905a. [Explanation of plate]. *Entomological News* 16(1): 1, pl. 1 ([5] January) [*Callithea optima* Butler, *Catagramma atacama* Hewitson; Peru, Ecuador]
- 1905b. [Explanation of plate]. *Entomological News* 16(2): 33, pl. 3 ([1] February) [*Catagramma cynosura* Doubleday; Brazil]
- [1905]c. *A synonymic catalogue of the North American Rhopalocera. Supplement No. 1*. Philadelphia, American Entomological Society. 34 pp. [general; Neotropics]
- 1911a. The larger boreal American Hesperidae, including *Eudamus*, *Erycides*, *Pyrrhopyge* and *Megathymus*. *Transactions of the American Entomological Society* 37(3): 169-209, pl. 10, 3 figs. (18 August) [general; new species: *Megathymus drucei*; life histories; Neotropics]
- 1911b. *Adelpha (Heterochroa) bredowi* and *californica* (Lepidoptera). *Entomological News* 22(9): 414-415 (30 October) [Mexico, Guatemala]
1912. Two new butterflies (Lepid.). *Entomological News* 23(3): 126-127 (29 February) [*Mesosemia ramsdeni*; Cuba]
1913. A new hesperid butterfly from Cuba (Lepid.). *Entomological News* 24(2): 72 (31 January) [*Ephyriades cubensis*]
- 1914a. Studies in the genus *Thanaos*. *Transactions of the American Entomological Society* 40: 195-221, figs. (3 August) [general; life histories; Neotropics]
- 1914b. See Swainson, E. M. & H. Skinner, 1914.
1916. A new *Catagramma* from Brazil (Lep.). *Entomological News* 27(7): 307 (30 June) [*C. oberthüri*]
1917. Some synonymy in the Hesperidae (Lep.). *Entomological News* 28(2): 82 ([5] February) [Cuba]
1919. A new species of *Copaeodes* (Lep.). *Entomological News* 30(4): 100 ([3] April) [*C. chromis*; Mexico]
- 1920a. Descriptions of new species of Hesperidae (Lepidoptera). *Entomological News* 31(5): 132-135 (5 May) [*Pyrrhopyge viriditas*, *Mimoniades aemulus*, *M. amans*, *Proteides jamaicensis*, *Thymele angustus*, *Telegonus antiquus*, *Bungalotis immaculata*, *B. canalis*, *Eudamus parvus*, *Callimormus dimidiatus*; Neotropics]
- 1920b. The genus *Pyrrhocalles* Mabille with the description of a new form (Lepidoptera, Hesperidae). *Entomological News* 31(6): 151-153 (12 June) [*P. orientis*; West Indies]
- 1920c. The genus *Choranthus* Scudder, with a description of a new species (Lepidoptera). *Entomological News* 31(7): 186-187 (9 July) [*C. haitensis*; Cuba, Hispaniola]
1921. Two new species of Hesperidae (Lepid., Rhop.). *Entomological News* 32(8): 236-237 (5 October) [*Pseudosarbia flavofasciata*, *Pyrrhopyge sangaris*; Brazil, Colombia]
- Skinner, Henry, and Charles Theodore Ramsden**
1923. Annotated list of the Hesperidae of Cuba. *Proceedings of the Academy of Natural Sciences of Philadelphia* 75: 307-321 ([27 November]) [general; new taxa: *Cyclogypha* [sic] *gundlachi*, *Godmania*; Neotropics]
- Skuhrová, M.**
2011. Muniappan R., Reddy G.V.P. & Raman A.: Biological control of tropical weeds using arthropods. 2009. *European Journal of Entomology* 108(2): 331-332 (5 April) [general; book review]
- Skutch, Alexander Frank** [1904-2004]
1937. Life history of the black-chinned jacamar. *The Auk* 54(2): 135-146, pls. 7-8 ([8] April) [general; predators; Central America]
1963. Life history of the rufous-tailed jacamar *Galbula ruficauda* in Costa Rica. *The Ibis* 105(3): 354-368 ([1] July) [general; predators]
1971. *A naturalist in Costa Rica*. Gainesville, University of Florida Press. x + 378 pp., figs. [general; behavior]
- Skye, Rachael**
2018. See Rodríguez, R. E. et al., 2018.
- Slack, Henry J.**
1870. The scales of the Lepidoptera: Researches of Dr. Pigott. *The Student and Intellectual Observer of Science, Literature and Art* 5: 49-58, 1 pl. (February) [*Morpho menelaus* (Linnaeus)]
- Slager, Benjamin H.**
- 2015a. See Zalucki, M. P. et al., 2015.
- 2015b. See Malcolm, S. B. & B. H. Slager, 2015.
- Slager, Benjamin H., and Stephen Baillie Malcolm**
2015. Evidence for partial migration in the southern monarch butterfly, *Danaus erippus*, in Bolivia and Argentina. *Biotropica* 47(3): 355-362, 3 figs., 1 tab. (May; published online 12 February) [host plants; behavior]
- Slansky, Frank, Jr.**
1973. Latitudinal gradients in species diversity of the New World swallowtail butterflies. *Journal of Research on the Lepidoptera* 11(4): 201-217, 1 fig., 2 tabs. ([before 10 July]) [ecology]
- Slatkin, Montgomery**
1983. See Futuyama, D. J. & M. Slatkin, 1983.
- Slayback, Daniel A.**
2009. See Brower, L. P. et al., 2009.
2011. See Brower L. P. et al., 2011.
2012. See Brower L. P. et al., 2012a.
2016. See Brower L. P. et al., 2016.
2017. See Brower, L. P. et al., 2017.
- Slayback, Daniel A., and Lincoln Pierson Brower**
2007. Further aerial surveys confirm the extreme localization



- of overwintering monarch butterfly colonies in Mexico. *American Entomologist* 53(3): 146-149, 1 fig., 1 tab. [*Danaus plexippus* (Linnaeus)]
- Slayback, Daniel A., Lincoln Pierson Brower, María Isabel Ramírez and Linda Susan Fink**  
2007. Establishing the presence and absence of overwintering colonies of the monarch butterfly in Mexico by the use of small aircraft. *American Entomologist* 53(1): 28-40, 6 figs., 2 tabs. [*Danaus plexippus* (Linnaeus)]
- Slinn, Heather L., Lora A. Richards, Lee A. Dyer, Paul J. Hurtado and Angela M. Smilanich**  
2018. Across multiple species, phytochemical diversity and herbivore diet breadth have cascading effects on herbivore immunity and parasitism in a tropical model system. *Frontiers in Plant Science* 9(656): 1-12, 3 figs., 3 tabs. (11 June) [*Quadrus cerialis* (Stoll); host plants; Costa Rica]
- Sloan, Mark**  
2004. See Pick, N. & M. Sloan, 2004.
- Sloane, Hans** [1660-1753]  
1725. *A voyage to the islands Madera, Barbadoes, Nieves, St. Christophers, and Jamaica; with the natural history of the herbs and trees, four-footed beasts, fishes, birds, insects, reptiles, &c. of the last of those islands. To which is prefix'd, an introduction, wherein is an account of the inhabitants, air, water, diseases, trade, &c. of that place; with some relations concerning the neighbouring continent, and islands of America. Illustrated with the figures of the things described, which have not been heretofore engraved. In large copper-plates as big as the life.* London, Author. 2: xviii + 499 pp., pls. 7 + 156-274. [general; habitats; host plants]
- Slotten, Jeffrey R.**  
2002. See Calhoun, J. V. et al., 2002.
- Slove, Jessica**  
2014. See Nylin, S. et al., 2014.
- Slove, Jessica, and Niklas Janz**  
2010. Phylogenetic analysis of the latitude-niche breadth hypothesis in the butterfly subfamily Nymphalinae. *Ecological Entomology* 35(6): 768-774, 1 fig., 2 tabs. (December; published online 26 October) [general; Neotropics]  
2011. The relationship between diet breadth and geographic range size in the butterfly subfamily Nymphalinae – A study of global scale. *PLoS One* 6(1)(e16057): 1-5, 2 figs. (5 January) [general; Neotropics]
- Smadi, Charline, Hélène Leman and Violaine Llaurens**  
2018. Looking for the right mate in diploid species: How does genetic dominance affect the spatial differentiation of a sexual trait? *Journal of theoretical Biology* 447: 154-170, 13 figs., 1 tab. (14 June; published online 23 March) [*Heliconius*]
- Small, Gordon Burgess, Jr.** [1934-1989]  
1969. See Nicolay, S. S. & G. B. Small, Jr., 1969.  
1979a. See Maza, J. de la & G. B. Small, Jr., 1979a.  
1979b. See Maza, J. de la & G. B. Small, Jr., 1979b.  
1981a. See Nicolay, S. S. & G. B. Small, Jr., 1981.  
1981b. See Robbins, R. K. & G. B. Small, Jr., 1981.  
1992. See Lamas, G. & G. B. Small, Jr., 1992.
- Small, Robert L.**  
1999. See Rashin, E. et al., 1999.
- Smart, Paul Edgar**  
1973. *Butterflies presented by Saruman.* London, Saruman Butterflies. 44 pp., figs. (May) [general]
1975. *The illustrated encyclopedia of the butterfly world in colour.* London, Salamander Books. 275 pp., pls., figs. [general; morphology; life histories; ecology; genetics; mimicry; zoogeography; new taxa: *Callicorina* (new subgenus), *Lasiophila gita*, *Pierella hortona* form *ocellata*, *Prepona sarumani*; Neotropics]
- 1978-79a. Butterfly dispersal and the shifting continents. *The Aurelian* 1(1): 1-10, 3 maps (14 September 1978), (3): 12-13 (30 November 1979) [general; biogeography]  
1979b. A new species of *Argyrogramma* (Lepidoptera: Nemeobiidae) from Trinidad. *The Aurelian* 1(3): 9, 13, figs. (30 November) [*A. alstonii*]
- Smetaček, Peter, and Rajani Smetaček**  
2006. Are the Marpesinae [sic] (Nymphalidae) unpalatable? *News of the Lepidopterists' Society* 48(2): 54-55 (29 July) [*Marpesia*]
- Smetaček, Rajani**  
2006. See Smeta ek, P. & R. Smeta ek, 2006.
- Smilanich, Angela M.**  
2012. See Greeney, H. F. et al., 2012.  
2018. See Slinn, H. L. et al., 2018.
- Smilanich, Angela M., and Lee A. Dyer**  
2012. Effects of banana plantation pesticides on the immune response of lepidopteran larvae and their parasitoid natural enemies. *Insects* (Basel) 3(3): 616-628, 3 figs., 3 tabs. (September; published online 27 June) [*Caligo memnon* (Felder & Felder), *Opsiphanes tamarindi* Felder & Felder; Costa Rica]
- Smiles, Robert Leslie**  
1976a. See Ackery, P. R. & R. L. Smiles, 1976.  
1976b. See Vane-Wright, R. I. et al., 1976.  
1977. See Vane-Wright, R. I. et al., 1977.
- Smiley, John T.**  
1978a. See Gilbert, L. E. & J. T. Smiley, 1978.  
1978b. Plant chemistry and the evolution of host specificity: New evidence from *Heliconius* and *Passiflora*. *Science* 201(4357): 745-747, 1 fig. (25 August) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus), *H. cydno* (Doubleday); host plants; Costa Rica, Mexico]  
1981a. See Boggs, C. L. et al., 1981.  
1981b. See Waage, J. K. et al., 1981.  
1982. *The herbivores of Passiflora: comparison of monophyletic and polyphyletic feeding guilds*, pp. 325-330, 3 tabs. In: Visser, J. H. & A. K. Minks (Eds.), *Proceedings of the 5th International Symposium on Insect-Plant Relationships*. Wageningen, Pudoc. [*Heliconius* spp.; host plants; Costa Rica]  
1983a. *Passiflora foetida* (Bombillo, Calzoncillo, Norbo, Granadilla del Monte, Passion Flower), pp. 298-299, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [*Agraulis vanillae* (Linnaeus), *Euptoieta hegesia* (Cramer); Costa Rica]  
1983b. *Passiflora vitifolia* (Granadilla del Monte, Passion Flower), pp. 299-301, 1 fig., 1 tab. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [Heliconiinae; Costa Rica]  
1985a. Are chemical barriers necessary for evolution of butterfly-plant associations? *Oecologia* 65(4): 580-583, 3 tabs. (March) [*Heliconius* spp.; host plants; Central America, Brazil]  
1985b. *Heliconius* caterpillar mortality during establishment on plants with and without attending ants. *Ecology* 66(3): 845-849, 4 figs., 2 tabs. (June) [*H. ismenius* (Latreille), *H. melpomene* (Linnaeus); Costa Rica]  
1986. Ant constancy at *Passiflora* extrafloral nectaries:

- effects on caterpillar survival. *Ecology* 67(2): 516-521, 2 figs., 4 tabs. (April) [*Heliconius ismenius* (Latreille); Costa Rica]
- Smiley, John T., and Charles S. Wisdom**  
1982. Photographic estimation of weight of insect larvae. *Annals of the entomological Society of America* 75(6): 616-618, 3 figs., 1 tab. (15 November) [*Heliconius cydno* (Bates)]  
1985. Determinants of growth rate on chemically heterogeneous host plants by specialist insects. *Biochemical Systematics and Ecology* 13(3): 305-312, 7 figs., 2 tabs. (14 August) [*Heliconius melpomene* (Linnaeus), *H. ismenius* (Latreille); Costa Rica]
- Smit, Franciscus ("Frans") Gerardus Albertus Maria** [1920-2000]  
1960. A checklist of insect-stamps. *Entomologische Berichten* 20(5): 90-99 (1 May) [general]  
1962. Insect stamps issued in 1961. *Entomologische Berichten* 22(10): 206-208 (1 October) [general]  
1978. *Insects on Stamps, a cross-referenced checklist*. Tring, Author. 74 pp. [general; philately]
- Smith, Anthony John Francis** [1926- ]  
1971. *Mato Grosso. Last virgin land. An account of the Mato Grosso based on the Royal Society and Royal Geographical Society expedition to central Brazil 1967-9*. London, Michael Joseph. 288 pp., figs. [general]
- Smith, Arthur Clayton**  
1986. See Tilden, J. W. & A. C. Smith, 1986.
- Smith, Audrey Z.**  
1986. *A history of the Hope Entomological Collections in the University Museum, Oxford with lists of Archives and Collections*. Oxford, Clarendon Press. xiii + 172 pp., 17 pls. (Oxford University Museum Publication 2) [general; Neotropics]
- Smith, Campbell Robert** [1951-2019]  
1988. Lionel George Higgins - A bibliography and type catalogue. *Entomologist's Gazette* 39(1): 17-37 [general]  
2004. See Zakharov, E. V. et al., 2004b.
- Smith, Campbell Robert, and Richard Irwin Vane-Wright**  
2008. Classification, nomenclature and identification of lime swallowtail butterflies: a post-cladistic analysis (Lepidoptera: Papilionidae). *Systematics and Biodiversity* 6(2): 175-203, 72 figs. (6 June; published online 30 May) [general; Antilles]
- Smith, Christopher P.**  
2010. See Counterman, B. A. et al., 2010.
- Smith, Dan**  
2002. See Peña, J. E. et al., 2002.
- Smith, David A. S.** [1934- ]  
1984. *Mate selection in butterflies: competition, coyness, choice and chauvinism*, pp. 225-244, 1 fig., 22 tabs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]  
1989. See Owen, D. F. & D. A. S. Smith, 1989.  
2003. See Lushai, G. et al., 2003.  
2005a. See Lushai, G. et al., 2005a.  
2005b. See Lushai, G. et al., 2005b.  
2014. *African queens and their kin. A Darwinian odyssey*. Taunton, Brambleby Books. xxxiii + 810 pp., figs., tabs. [general; Danainae; Neotropics]
- Smith, David A. S., Ian J. Gordon, Gugs Lushai, Dave Goulson, John A. Allen and Norman MacLean**  
2002. Hybrid queen butterflies from the cross *Danaus chrysippus* (L.) x *D. gilippus* (Cramer): confirmation of species status for the parents and further support for Haldane's rule. *Biological Journal of the Linnean Society* 76(4): 535-544, 2 figs., 2 tabs. (August) [host plants; Cayman Islands]
- Smith, David A. S., Gugs Lushai and John A. Allen**  
2005. A classification of *Danaus* butterflies (Lepidoptera: Nymphalidae) based upon data from morphology and DNA. *Zoological Journal of the Linnean Society* 144(2): 191-212, 3 figs., 1 tab. (June) [general]
- Smith, David Spencer** [1934-2005]  
1981. See Leston, D. & D. S. Smith, 1981.  
1983. See Leston, D. et al., 1983.  
1990. The Butterflies of Hispaniola, by Albert Schwartz. 1989. *Journal of the Lepidopterists' Society* 44(2): 103-105 (2 December) [general; book review]  
1993. See Johnson, K. D. & D. S. Smith, 1993.  
1994. See Hernández, L. R. et al., 1994.  
1995a. See Knowles, D. O. & D. S. Smith, 1995.  
1995b. See Hernández, L. R. et al., 1995.  
1995c. See Roque, L. et al., 1995.  
1996. See Knowles, D. O. & D. S. Smith, 1996.  
1998. See Davies, N. & D. S. Smith, 1998.  
1999. See Davies, N. & D. S. Smith, 1999.
- Smith, David Spencer, Eric William Classey and Stuart José Ramos**  
1989. *Appias punctifera* D'Almeida (Pieridae) in the Dominican Republic and Puerto Rico. *Journal of the Lepidopterists' Society* 43(4): 333-336, 4 figs. (20 December)
- Smith, David Spencer, and Luis Roberto Hernández**  
1992. New subspecies of *Pseudochrysops bornoii* (Lycaenidae) and *Saliana esperi* (Hesperiidae) from Cuba, with a new island record and observations on other butterflies. *Caribbean Journal of Science* 28(3/4): 139-148, 8 figs. (December) [general; *P. b. yateritas*, *S. e. soroa*]
- Smith, David Spencer, Luis Roberto Hernández and Neil Davies**  
1998. The butterflies of the Isle of Pines, Cuba: Eighty years on. *Annals of Carnegie Museum* 67(4): 281-298, 7 figs., 1 tab. (13 November) [general]
- Smith, David Spencer, Kurt Duane Johnson, Jacqueline Yvone Miller and Faustino McKenzie**  
1991. A new hairstreak butterfly (Lycaenidae) from Mona Island, Puerto Rico. *Bulletin of the Allyn Museum* 134: 1-9, 7 figs. (14 June) [*Strymon amonensis*]
- Smith, David Spencer, Dennis Leston and Barbara Lenczewski**  
1982. Variation in *Eurema daira* (Lepidoptera: Pieridae) and the status of *palmira* in southern Florida. *Bulletin of the Allyn Museum* 70: 1-8, 16 figs., 1 tab. (10 June) [West Indies]
- Smith, David Spencer, Lee Denmark Miller and Faustino McKenzie**  
1991. The butterflies of Anegada, British Virgin Islands, with descriptions of a new *Calisto* (Satyridae) and a new *Copaeodes* (Hesperiidae) endemic to the island. *Bulletin of the Allyn Museum* 133: 1-25, 20 figs. (14 June) [*Calisto anegadensis*, *Copaeodes eoa*]
- Smith, David Spencer, Lee Denmark Miller and Jacqueline Yvonne Miller**  
1994. *The Butterflies of the West Indies and South Florida*. Oxford, Oxford University Press. x + 264 pp., 33 pls., 2 figs. [general; biogeography]
- Smith, David Spencer, Eugene Gordon Munroe and Stuart José Ramos**  
1989. Biogeographical affinities of the butterflies of the

- southwest Caribbean Islands, San Andrés and Providencia. *Journal of the Lepidopterists' Society* 43(4): 274-288, 9 figs., 1 tab. (20 December) [general]
- Smith, David Spencer, Stuart José Ramos and Faustino McKenzie**  
1994. The butterflies of Mona Island (Puerto Rico) and an approach to their origins and phenology. *Caribbean Journal of Science* 30(1/2): 95-103, 1 fig., 1 tab. (June) [general; biogeography]
- Smith, David Spencer, Stuart José Ramos, Faustino McKenzie, Eugene Gordon Munroe and Lee Denmark Miller**  
1988. Biogeographical affinities of the butterflies of a 'forgotten' island: Mona (Puerto Rico). *Bulletin of the Allyn Museum* 121: 1-35, 15 figs. (15 September)
- Smith, Gabriella E.**  
2014. See Gallant, J. R. et al., 2014.
- Smith, Gilbert**  
2017. See McCulloch, K. J. et al., 2017.
- Smith, Gilbert, J. E. Kelly, Aide Macías-Muñoz, C. T. Butts, R. W. Martin and Adriana Darielle Briscoe**  
2018. Evolutionary and structural analyses uncover a role for solvent interactions in the diversification of cocoonases in butterflies. *Proceedings of the royal Society of London (B)* 285(1870)(20172037): 1-10, 5 figs., 1 tab. (10 January; published online 3 January) [*Heliconius melpomene* (Linnaeus), *H. aoede*, (Hübner), *Eueides isabella* (Stoll); Peru]
- Smith, Gilbert, Aide Macias-Muñoz and Adriana Darielle Briscoe**  
2014. Genome sequence of a novel iflavivirus from mRNA sequencing of the butterfly *Heliconius erato*. *Genome Announcements* 2(3)(e00398): 1-2 (15 May) [Costa Rica]  
2016. Gene duplication and gene expression changes play a role in the evolution of candidate pollen feeding genes in *Heliconius* butterflies. *Genome Biology and Evolution* 8(8): 2581-2596, 7 figs., 4 tabs. (August; published online 22 August) [general; Costa Rica]
- Smith, Harold Hamel [1867- ?], and Frederic A. G. Pape**  
1914. *Coco-nuts: The consols of the East. With special sections on their cultivation in the West Indies - Panama - Latin America - East and West Africa - New Guinea - Malaya - Ceylon - Samoa - Philippine Islands - British North Borneo - South Seas - Fiji - India, &c., &c. - The preparation and cost of making copra - The utilisation of coco-nut products and by-products - Catch crops - Subsidiary industries, including cattle rearing - The question of manuring - Prevention of pests - Farming with dynamite - The maintenance of health in the tropics.* London, "Tropical Life" Publishing Department. lxxviii + 644 pp., figs. (Ed. 2) [*Brassolis sophorae* (Linnaeus)]
- Smith, Helen M.**  
1995. See Collins, N. M. & H. M. Smith, 1995.
- Smith, Herbert Huntingdon [1851-1919]**  
1879. *Brazil, the Amazons and the Coast.* New York, Charles Scribner's Sons. xv + 644 pp., figs., 1 map. [general]
- Smith, J. A. D.**  
1995. An observation of *Prepona dexamenus* (Hopffer). *Bulletin of the amateur Entomologists' Society* 54(401): 154 (20 August) [Costa Rica]
- Smith, James**  
1851. Great beauty of South American Lepidoptera. *Zoologist* 9: 3059-3060. [general]
- Smith, Jennifer E.**  
2019. See Montejo-Kovacevich, G. et al., 2019.
- Smith, Joel Haviland, and Marcus R. Kronforst**  
2013. Do *Heliconius* butterfly species exchange mimicry alleles? *Biology Letters* 9(4)(20130503): 1-4, 2 figs. (23 August; published online 17 July) [general; Peru, Colombia]
- Smith, Kenneth George Valentine [1929-2017]**  
1987. Darwin's insects. Charles Darwin's entomological notes. *Bulletin of the British Museum (Natural History) (Historical Series)* 14(1): 1-143, figs. (24 September) [general; South America]
- Smith, M. Alex**  
2009. See Janzen, D. H. et al., 2009b.  
2014a. See Fernández-Triana, J. L. et al., 2014.  
2014b. See Fleming, A. J. et al., 2014.  
2014c. See Otis, G. W. et al., 2014.  
2015. See Sharkey, M. J. et al., 2015.  
2018. See Fleming, A. J. et al., 2018.  
2019. See Fleming, A. J. et al., 2019.
- Smith, M. Alex, Claudia Bertrand, Kate Crosby, Eldon S. Eveleigh, José L. Fernández-Triana, Brian L. Fisher, Jason Gibbs, Mehrdad Hajibabaei, Winifred D. Hallwachs, Katharine Hind, Jan Hrccek, Da-Wei Huang, Milan Janda, Daniel Hunt Janzen, Yanwei Li, Scott Everett Miller, Laurence Packer, Donald L. J. Quicke, Sujeevan Ratnasingham, Josephine J. Rodríguez, Rodolphe Rougerie, Mark R. Shaw, Cory Sheffield, Julie K. Stahlhut, Dirk Steinke, James Bryan Whitfield, Donald Montgomery Wood and Xin Zhou**  
2012. *Wolbachia* and DNA barcoding insects: Patterns, potential, and problems. *PLoS ONE* 7(5)(e36514): 1-12, 3 figs., 5 tabs. (2 May) [*Urbanus belli* (Hayward), *Caligo telamonius* (C. Felder & R. Felder); Costa Rica]
- Smith, M. Alex, Josephine J. Rodríguez, James Bryan Whitfield, Andrew R. Deans, Daniel Hunt Janzen, Winifred D. Hallwachs and Paul David Neil Hebert**  
2008. Extreme diversity of tropical parasitoid wasps exposed by iterative integration of natural history, DNA barcoding, morphology, and collections. *Proceedings of the national Academy of Sciences of the United States of America* 105(34): 12359-12364, 2 figs. (26 August) [general; Costa Rica]
- Smith, M. Alex, Donald Montgomery Wood, Daniel Hunt Janzen, Winifred D. Hallwachs and Paul David Neil Hebert**  
2007. DNA barcodes affirm that 16 species of apparently generalist tropical parasitoid flies (Diptera, Tachinidae) are not all generalists. *Proceedings of the national Academy of Sciences of the United States of America* 104(12): 4967-4972, 2 figs. (20 March) [general; Costa Rica]
- Smith, Marion Estelle**  
1954. Philatelic Lepidoptera. *Lepidopterists' News* 8(1/2): 13-16 (25 June) [*Morpho peleides hyacinthus* Butler; Belize]
- Smith, Martha Rocío Bressan**  
1993. See Zaniccio, J. C. et al., 1993c.
- Smith, Michael John [1945-2003]**  
1986. Ecological observations on *Apodemia phyciodoides* Barnes & Benjamin (Riodinidae). *Journal of the Lepidopterists' Society* 39(4): 337-338 (25 June) [general; Mexico]  
1998a. See Austin, G. T. & M. J. Smith, 1998a.  
1998b. See Austin, G. T. & M. J. Smith, 1998b.
- Smith, Michael John, and James Phillip Brock**

1988. A review of the *Thessalia leanira* complex in the southwestern United States (Nymphalidae: Melitaeinae), with a description of two new subspecies of *Thessalia fulva*. *Bulletin of the Allyn Museum* 118: 1-21, 34 figs., 1 tab. (11 August) [Mexico]
- Smith, Neal G.** [1937-2012]
1992. *Reproductive behaviour and ecology of Urania (Lepidoptera: Uraniidae) moths and of their larval food plants, Omphalea spp. (Euphorbiaceae)*, pp. 576-593, 20 figs., 2 tabs. In: Quintero, D. & A. Aiello (Eds.), *Insects of Panama and Mesoamerica. Selected studies*. Oxford, Oxford University Press. [Nymula, *Theope*, *Panthiades*; host plants; Panama]
- Smith, Paul**
2012. See Ríos, S. D. & P. Smith, 2012.
2015. Observations of novel feeding tactics in guira cuckoo *Guira guira* (Aves: Cuculidae). *Boletín del Museo nacional de Historia natural del Paraguay* 19(2): 58-61, 3 figs. (December) [*Brassolis sophorae* (Linnaeus); predator; Paraguay]
- Smith, T. F.**
1887. On the finer structure of butterfly and moth scales. *Journal of the Quekett microscopical Club* (2)3(20): 178-181 (December) [*Morpho menelaus* (Linnaeus)]
- Smith, Thomas B.**
2011. See Laurance, W. F. et al., 2011.
- Smithson, Ann**
2015. See Edger, P. P. et al., 2015.
- Smoluk, Alexis**
1999. See Lazarus, L. L. et al., 1999.
- Smyth, Ellison Adger, Jr.** [1863-1941]
1903. *Morpho thoosa* (sp. nov.). Description of a new variety of *Morpho polyphemus* Dby. Hew. from Mexico. *Entomological News* 14(3): 85-87, pl. 5 ([6] March)
1907. *Morpho thoosa* Smyth. *Entomological News* 18(5): 165-166, pl. 8 (May) [Mexico]
- Smyth, H. Eugene Graywood** [1886-1975]
1919. Dominio de insectos en los cítricos en Puerto Rico. *Revista de Agricultura de Puerto Rico* 3(1): 39-50 (June), (3): 55-62 (August) [*Papilio androgeus epidaurus* Godman & Salvin, *Achlyodes papinianus minor* Comstock]
- 1920a. To keep out cane butterfly. *Journal of economic Entomology* 13(1): 149 (February) [*Calisto archebates* (Ménétriés); República Dominicana]
- 1920b. List of the insect and mite pests of sugar cane in Porto Rico. *Journal of the Department of Agriculture of Porto Rico* 3(4): 135-150 ("October 1919", [before 29 September] 1920) [Hesperiidae; distribution; host plants; predators and parasitoids]
- Smythe, Luke**
2012. Pigment vs. pixel: Painting in an era of light-based images. *Art Journal* (London) 71(4): 104-118, figs. (December) [*Morpho sulkowskyi* Kollar]
- Snaddon, Jake L.**
2018. See Mullany, F. et al., 2018.
- Snak, Cristiane**
2017. See Souza, J. M. T. de et al., 2017.
- Snellen, Pieter Cornelis Tobias** [1832-1911]
1868. Aanteekeningen op Herrich-Schäffer's *Prodromus Systematicus* [sic] *Lepidopterorum* in het Correspondenz-Blatt des Zoologisch-Mineralogischen Vereins 1864, p. 89 enz. *Tijdschrift voor Entomologie* 11(3): 120-125 (before 25 July) [general]
1870. Aanteekeningen op Dr. Herrich-Schaeffer's *Prodromus Systematis Lepidopterorum*. *Tijdschrift voor Entomologie* 13(1/2): 138-141 (before 30 September) [general]
1884. [Zuid-Amerikaansche dagvlinders]. *Tijdschrift voor Entomologie* 27(1): xiv-xv (January) [general]
- 1885a. [Lepidoptera of Curaçao]. *Tijdschrift voor Entomologie* 28: xcvi-xcviii. [general]
- 1885b. Determinatie der exotische Lepidoptera, afgebeeld in Rösel, Insectenbelustiging en Kleemann's vervolg. *Tijdschrift voor Entomologie* 28: 204-206. [general]
1886. Lepidopterologische Fragmenten, nagelaten door Prof. Dr. H. Weyenbergh. *Tijdschrift voor Entomologie* 29(2): 111-112 (April), (3): 113-124, pls. 3-4 (September) [*Colias agave* (Fabricius); host plant; larva, pupa, imago; Argentina]
1887. Bijdrage tot de Kennis der Lepidoptera van het Eiland Curaçao, met Afbeeldingen door Prof. Dr. J. Van Leeuwen Jr. *Tijdschrift voor Entomologie* 30(1): 9-66, 5 pls. (February) [general; new taxa: *Neonympha thelete*, *Lymnas jarbus* variety *herellus*, *Hesperia curassavica*]
1891. Lepidopteren gesammelt auf einer Reise durch Colombia, Ecuador, Peru, Brasilien, Argentinien und Bolivia in den Jahren 1868-1877 von Alphons Stübel. Bearbeitet von Gustav Weymer und Peter Maassen. 1890. *Tijdschrift voor Entomologie* 34(2): 185-192 ([before 18 July]) [*Dismorphia* Hübner, *Leptalis Dalman*, *Hesperia biforis* Weymer; book review]
1895. Aanteekeningen over exotische Lepidoptera Rhopalocera. *Tijdschrift voor Entomologie* 38(1): 12-30, pl. 1, figs. 2-3 (1 August) [*Heliconia metalilis* Butler; Venezuela, Curaçao]
- Snell-Rood, Emilie**
2018. See Nallu, S. et al., 2018.
- Snider, Richard G.**
2012. Wite-spotted satyr (*Manataria hercyna maculata*) in South Texas – a new United States record. *American Butterflies* 20(1): 36-38, 5 figs. [Mexico]
- Snook, Laura C.**
1989. See Calvert, W. H. et al., 1989.
1993. Conservation of the Monarch butterfly reserves in Mexico: Focus on the forest. *Science Series. Natural History Museum of Los Angeles County* 38: 363-375, 8 figs., 5 tabs. (18 February) [*Danaus plexippus* (Linnaeus)]
- Snow, David William** [1924-2009]
1972. Malcolm Barcant (1971). A field guide to the butterflies of Trinidad and Tobago. *Journal of animal Ecology* 41(1): 245 (February) [book review]
- Snyder, Arthur John** [1867-1954]
1900. The argynnids of North America. *Occasional Memoirs of the Chicago entomological Society* 1(1): 27-38. [general; Mexico]
- Snyder, Noel**
2008. See Garraway, E. et al., 2008.
- Soares, Alexandre** [1960- ]
1996. See Otero, L. S. & A. Soares, 1996.
2001. See Callaghan, C. J. & A. Soares, 2001.
2004. See Monteiro, R. F. et al., 2004.
2012. See Bizarro, J. M. S. & A. Soares, 2012.
2014. See May, E. G. L. et al., 2014.
- Soares, Alexandre, Jorge Manuel Saraiva Bizarro, Carlos B. Bastos, Nirton Tangerini, Nedyson Araújo Silva, Alex S. da Silva and Gabriel Barros Silva**
2011. Preliminary analysis of the diurnal Lepidoptera fauna of the Três Picos State Park, Rio de Janeiro, Brazil, with a note on *Parides ascanius* (Cramer, 1775). *Tropical*

- Lepidoptera Research* 21(2): 66-79, 12 figs., 2 tabs. (1 December) [general]
- Soares, Alexandre, Carlos Eduardo de Alvarenga Júlio, Carlos A. Caetano, Nirton Tangerini, Altamiro C. de Faria and João E. da Costa**
1999. Lista da lepidopterofauna diurna da região da calha do Rio São Francisco, Estado de Minas Gerais, Municípios de Itacarambi, Jaíba, Manga e Matias Cardoso. *Boletim do Museu nacional* (Rio de Janeiro) (N.S.) (Zoologia) 402: 1-11 (23 August) [general; Brazil]
- Soares, Geraldo Luiz Gonçalves**
2011. See Barp, E. A. et al., 2011.
- Soares, Glória Ramos**
2015. See Kaminski, L. A. et al., 2015b.
2019. See Lourenço, G. M. et al., 2019.
- Soares, Glória Ramos, Andréa Aparecida Paiva de Oliveira and André Roberto Melo Silva**
2012. Borboletas (Lepidoptera: Papilionoidea e Hesperioidea) de um parque urbano em Belo Horizonte, Minas Gerais, Brasil. *Biota neotropica* 12(4): 209-217, 2 figs., 2 tabs. (28 November) [general]
- Soares, Lourdes Aragão**
1983. See Moraes, G. W. G. de et al., 1983.
- Soares, Luiz Gustavo Souto**
2013. See Macedo-Reis, L. E. et al., 2013.
- Soares, Marcos Antônio**
2002. See Aguiar-Menezes, E. de L. et al., 2002.
- Soares, Marcus Alvarenga**
2012. See Leite, G. L. D. et al., 2012b.
- 2013a. See Zanuncio, J. C. et al., 2013.
- 2013b. See Tavares, W. de S. et al., 2013b.
2015. See Tavares, W. de S. et al., 2015.
2016. See Tavares, W. de S. et al., 2016.
2019. See Ribeiro, R. C. et al., 2019.
- Soares, Marcus Alvarenga, Teresinha Vinha Zanuncio, José Cola Zanuncio, Olaf Hermann Hendrik Mielke, and José Eduardo Serrão**
2009. *Euselasia mys lara* (Stichel, 1919) (Lepidoptera: Riodinidae) a potential pest of *Eucalyptus* in Brazil? *Journal of Research on the Lepidoptera* 41: 80-82, 1 fig. (31 January) [host plant]
- Soares, Sileno Grillo**
1966. See Vernalha, M. M. et al., 1966.
- Soberón, Jorge**
1989. See Jiménez, G. & J. Soberón, 1989.
1990. See Cordero, C. R. & J. Soberón, 1990.
1993. See Llorente, J. E. et al., 1993.
1994. See Benrey, B. et al., 1994.
1996. See Llorente, J. E. et al., 1996.
1998. See Maza, R. G. de la & J. Soberón, 1998.
1999. See Peterson, A. T. et al., 1999.
2002. See Peterson, A. T. et al., 2002.
2010. Niche and area of distribution modeling: a population ecology perspective. *Ecography* 33(1): 159-167, 3 figs., 1 tab. (February; published online 4 March) [*Baronia brevicornis* Salvin; Mexico]
2012. See Barve, N. et al., 2012.
- Soberón, Jorge, Carlos Rafael Cordero, Betty Benrey, Paulina Parlange, Carlos García and Gerardo Berges**
1988. Patterns of oviposition by *Sandia xami* (Lepidoptera, Lycaenidae) in relation to food plant apparency. *Ecological Entomology* 13(1): 71-79, 5 figs., 2 tabs. (February) [host plants; Mexico]
- Soberón, Jorge, and Jorge Enrique Llorente**
1993. The use of species accumulation functions for the prediction of species richness. *Conservation Biology* 7(3): 480-488, 4 figs., 2 tabs. (September) [general]
- Soberón, Jorge, Jorge Enrique Llorente and Moisés Armando Luis**
2005. *Estimación del componente beta del número de especies de Papilionidae y Pieridae (Insecta: Lepidoptera) de México por métodos indirectos*, pp. 231-237, 4 figs., 2 tabs. In: Halffter, G., J. Soberón, P. Koleff & A. Melic (Eds.), *Sobre diversidad biológica: El significado de las diversidades alfa, beta y gamma*. Zaragoza, Sociedad Entomológica Aragonesa. (Monografías Tercer Milenio, Vol. 4) (30 November) [general]
- Soberón, Jorge, Jorge Enrique Llorente and Leonor Oñate**
2000. The use of specimen-label databases for conservation purposes: an example using Mexican papilionid and pierid butterflies. *Biodiversity and Conservation* 9(10): 1441-1466, 12 figs., 3 tabs. (October) [general]
- Sobrero, Luis R.**
1948. La isoca en la alfalfa. *Pampa argentina* 22(251): 9, 4 figs. [*Colias lesbia* (Fabricius); egg, larva, pupa, imago; Argentina]
- Sobrevila, Claudia**
1987. See Bowers, M. D. et al., 1987.
- Sobrinho, Mellissa Sousa**
2009. See Borges, L. A. et al., 2009.
- Sodoffsky, Carl Heinrich Wilhelm** [1797-1858]
1837. Etymologische Untersuchungen ueber die Gattungsnamen der Schmetterlinge. *Bulletin de la Société impériale des Naturalistes de Moscou* 10(6): 76-97 ([before 20 October]) [general]
- Soffer, Ruth**
2002. *Exotic butterflies and moths*. Mineola, Dover Publications. 32 pp., figs. [general; coloring book]
- Sohn, Jae-Cheon**
2011. See Nieuwerkerken, E. J. van et al., 2011.
2013. See Regier, J. C. et al., 2013.
2019. See Chazot, N. et al., 2019b.
- Sohn, Jae-Cheon, Conrad Christopher Labandeira and Donald R. Davis**
2015. The fossil record and taphonomy of butterflies and moths (Insecta, Lepidoptera): implications for evolutionary diversity and divergence-time estimates. *BMC evolutionary Biology* 15(12): 1-15, 4 figs., 3 tabs. (published online 4 February) [general]
- Sohn, Jae-Cheon, Conrad Christopher Labandeira, Donald R. Davis and Charles Mitter**
2012. An annotated catalog of fossil and subfossil Lepidoptera (Insecta: Holometabola) of the world. *Zootaxa* 3286: 1-132 (30 April) [general]
- Sokolov, G. N.**
1934. See Schwanwitsch, B. N. & G. N. Sokolov, 1934.
- Solana, Eduardo**
1987. See Alayón, G. & E. Solana, 1987.
- Solano, Julián**
2013. See Vega, G & J. Solano, 2013.
- Solano, Julio O.**
1926. El cultivo de las verduras y legumbres. *La Vida agrícola* (Lima) 3(34): 833-836 (October) [*Pieris monuste* (Linnaeus); host plant; Peru]
- Solano, Liliana**
2018. See Acevedo, A. A. et al., 2018.
- Solar, Elvira S.**
2015. See Artigas, J. N. & E. S. Solar, 2015.

- Solares, María José**  
2003. See Bojórquez, L. A. et al., 2003.
- Soldati, Déborah**  
2014. See Gomes, V. et al., 2014.
- Soldati, Déborah, Fernando Amaral da Silveira and André Roberto Melo Silva**  
2019. Butterfly fauna (Lepidoptera, Papilionoidea) in a heterogeneous area between two biodiversity hotspots in Minas Gerais, Brazil. *Papéis avulsos de Zoologia* (São Paulo) 59(e20195902): 1-9, 5 figs., 1 tab. (7 January) [general]
- Solensky, Michelle J.**  
2003. See Oberhauser, K. S. et al., 2003.  
2004a. Overview of monarch migration, pp. 79-83, 1 fig. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); Mexico]  
2004b. Overview of monarch overwintering biology, pp. 117-120, 1 fig. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Soler, Pablo**  
1991. Los insectos coloniales. *Artes de México* 11: 44-51, figs. [Ed. 2, 1997] [general; history; Mexico]
- Solera, Marcele, Sonia Marisa Hefler and Maria Cristina Zborowski de Paula**  
2007. Estudo das interações entre insetos e *Senecio brasiliensis* Less. (Asteraceae) am área experimental no câmpus da Pontifícia Universidade Católica do Paraná, Toledo, Brasil. *Estudos de Biologia Ambiente e Diversidade* (Curitiba) 29(66): 81-87, 1 tab., 4 graphs (March) [*Vanessa*, *Phoebis*, *Hypothyris*; pollination]
- Solervicens, Jaime**  
1985. *La conservación de la fauna*, pp. 259-293, 6 pls., figs. In: Martínez, J. A. (Ed.), *Educación Ambiental. Hacia el desarrollo de una conducta ecológica en Chile*. Santiago de Chile, Universidad Metropolitana de Ciencias de la Educación. (September) [*Eroessa chilensis* (Guérin), *Pieris brassicae* (Linnaeus)]
- Solervicens, Jaime, and Abel A. Henry**  
1989. Catálogo de tipos de insectos depositados en la colección del Instituto de Entomología - UMCE Universidad Metropolitana de Ciencias de la Educación. *Acta entomológica chilena* 15: 283-295 (June) [Pieridae, Satyrinae]
- Soley, Javier**  
1998. See Monge-Nájera, J. et al., 1998.
- Solferini, Vera Nisaka**  
2005. See Silva, K. L. et al., 2005.  
2007. See Silva, K. L. & V. N. Solferini, 2007.
- Soliman, Everton Pires**  
2011. See Zaché, B. et al., 2011.
- Solís, Angel**  
2013. See Ferrer-Paris, J. R. et al., 2013a.
- Solís, Luis Enrique**  
2015. See Nájera, S. et al., 2015.
- Solís, María Alma**  
2009a. See Janzen, D. H. et al., 2009.  
2009b. See Regier, J. C. et al., 2009.  
2011. See Nieuwerkerken, E. J. van et al., 2011.  
2012. See Miller, J. Y. et al., 2012.  
2014. See Fernández-Triana, J. L. et al., 2014.
- Solís, Roberto, Blanca Xiomara Mora, Jaime Lobato, Eligio García and Héctor Silva**  
2004. *The Monarch Butterfly Biosphere Reserve, Michoacán, México*, pp. 167-178. In: Nabhan, G. P. (Ed.), *Conserving migratory pollinators and nectar corridors in western North America*. Tucson, University of Arizona Press. [*Danaus plexippus* (Linnaeus)]
- Sommer, William W.**  
1985. See Schwartz, A. et al., 1985.  
1986. See Schwartz, A. & W. W. Sommer, 1986.
- Sommer, William W., and Albert Schwartz**  
1980. A new species of *Atlantea* (Nymphalidae) from Hispaniola, West Indies. *Bulletin of the Allyn Museum* 58: 1-4, 3 figs. (17 June) [*A. cryptadia*]
- Sommerfeld, August von** [1868-1896]  
1894a. Das Insektenleben Brasiliens. *Entomologische Zeitschrift* 7(28): 221-223 (15 February) [general]  
1894b. Im Urwald. *Entomologische Zeitschrift* 8(18): 152-153 (15 December) [general; Brazil]  
1895. Raupenzucht unter den Tropen. *Entomologische Zeitschrift* 9(2): 9-10 (15 April) [general; Brazil]  
1896a. Entomologisches aus Brasilien. *Insekten-Börse* 13(7): 56 (2 April), (9): 69-70 (16 April) [*Caligo eurilochus* (Cramer); behavior; life history]  
1896b. Entomologisches aus Brasilien (Espírito Santo). *Insekten-Börse* 13(18): 144-145 (18 June) [general; behavior; life histories]
- Song, Bokwang, Villads Egede Johansen, Ole Sigmund and Jung H. Shin**  
2017. Reproducing the hierarchy of disorder for *Morpho*-inspired, broad-angle color reflection. *Scientific Reports* 7(46023): 1-8, 5 figs. (published online 7 April) [*Morpho rhetenor* (Cramer)]
- Sonvico, Violeta**  
1981. See Couzel, I. S. de et al., 1981.
- Sóñora, Humberto**  
1993. See Guerra, M. et al., 1993.
- Sookdeo, Kris Anton**  
2013. Notes on Lycaenidae (Lepidoptera) including a new record for Trinidad, West Indies. *Living World* 2013: 67-70, 16 figs. [general; behavior]  
2015a. Observation of *H[elicopsis]. cupido* at Granville. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2015(3): 14, 1 fig. (September) [Trinidad]  
2015b. Lepidoptera. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2015(4): 17-18, 1 fig. (December) [*Melanis electron* (Fabricius); Tobago]  
2016. The magic of La Forêt. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2016(1): 1, 3-4, figs. (March) [*Euptoieta hegesia* (Cramer); Trinidad]
- Sookdeo, Kris Anton, and Matthew J. W. Cock**  
2017. Notes on the Lepidoptera of Huevos, Trinidad and Tobago. *Living World* 2017: 43-48, 2 pls. (December) [general]
- Soprano, Eliséo**  
2006. See Kerpel, S. M. et al., 2006.
- Sorensen, John T.**  
1985. Phenetics and ecology of hybridization in buckeye butterflies (Lepidoptera: Nymphalidae). John E. Hafernik, Jr. *Journal of the Lepidopterists' Society* 38(3): 254-256 (24 April) [general; book review]
- Sorenson, Clyde E.**  
2017. Moths, myths, & mosquitoes: The eccentric life of Harrison G. Dyar, Jr. Marc Epstein. 2016. *American*

- Entomologist* 63(1): 60-61, 1 fig. (9 March) [general; book review]
- Sorenson, Michael D.**  
2015. See Ebel, E. R. et al., 2015.
- Soriano, Daniela Fernanda**  
2013. See Cervantes, I. P. et al., 2013.
- Soriano, Pascual Joaquín** [1949- ]  
2011. See Valois-Cuesta, H. et al., 2011.
- Sorimachi, Yasushi**  
1997. [Notes]. *Apollo* 4: 74, 3 figs. (1 October) [*Morpho cisseis phanodemus* Hewitson, *Agrias phalcidon fourmiera* Lathy, *A. hewitsonius* Bates; Peru, Brazil]  
1998. *The primer of Agrias*. Kitamoto, Author. 178 pp., 64 pls., figs., maps. (1 October) [In Japanese] [general; new forms: *A. claudina sardanapalus* form  *david*, *A. phalcidon phalcidon* form *poseidon*, *A. p. fourmiera* form  *aristoteles*, *A. p. f.* form  *medusa*, *A. p. f.* form  *augustus*, *A. p. f.* form  *solomon*, *A. excelsior excelsior* form  *jupiter*, *A. e. e.* form  *yokozuna*; Central and South America]  
2000. *The primer of Colias*. Kitamoto, Author. 235 pp., 40 pls., figs., maps. (1 August) [In Japanese] [general]
- Sosa, Carlos**  
1968. See Navarro, V. & C. Sosa, 1968.
- Sosa, Claudio A.**  
1998. See Galetto, L. et al., 1998.
- Sosa-Gómez, Daniel Ricardo**  
2007a. See Cunha, F. et al., 2007a.  
2007b. See Cunha, F. et al., 2007b.  
2010. See Cunha, F. et al., 2010.  
2015. See Formentini, A. C. et al., 2015.  
2018. See Santos, E. R. dos et al., 2018.
- Sosnosky, Theodor von** [1866-1943]  
1914. *Exotische Falterpracht. 56 exotische Schmetterlinge in ihren Originalfarbe*. Leipzig, E. A. Seemann. 7 pp., 6 pls. [general]
- Soto, Carlos de**  
2014. *Ascia monuste*. *Bioma* (San Salvador) 2(24): 41-42, figs. (October) [Dominican Republic]  
2015. *Siproeta stelenes*. *Bioma* (San Salvador) 3(28): 18, fig. ((February) [Dominican Republic]
- Soto, Gerardo**  
1999. See González, A. & G. Soto, 1999.  
2012. See Sánchez-Monge, A. et al., 2012.
- Soto, Gerardo, and Allan González**  
1998. Estados larvales de lepidópteros asociados con plantas de importancia económica en Costa Rica. *Agronomía costarricense* 22(2): 229-233. [general; host plants]  
1999. Parasitoides de *Pythonides hyacinthinus* (Lepidoptera: Hesperidae) en aguacate, *Persea americana* (Lauraceae). *Revista de Biología tropical* 47(3): 628 ("September", October) [Costa Rica]
- Soto, José Carmen, and Leonila Vázquez**  
1993. Vegetation types of Monarch butterflies overwintering habitat in Mexico. *Science Series. Natural History Museum of Los Angeles County* 38: 287-293, 1 figs., 4 tabs. (18 February) [*Danaus plexippus* (Linnaeus)]
- Sotomayor, B.**  
1966. See Tourneur, J.-C. et al., 1966.
- Sotomayor, Eleuterio**  
2005. See Avilés, R. et al., 2005.
- Sotos, Carmen**  
1984. *Flora y fauna cubanas del siglo XVIII. Los dibujos de la expedición del Conde Mopox 1796-1802. Con un estudio preliminar, seguido de la clasificación botánica y zoológica de todas sus láminas*. Madrid, Ediciones Turner. 54 pp., 99 pls. (9 September) [general]
- 1991a. *Iconografía artística de la Real Comisión de Guantánamo*, pp. 123-137, figs. In: Higuera, M. D. (Ed.), *Cuba ilustrada. La Real Comisión de Guantánamo 1796-1802. Tomo I*. Madrid, Lunweg Editores S.A. [general; history]
- 1991b. *Láminas botánicas y zoológicas de José Guío*, pp. 171-181, figs. In: Higuera, M. D. (Ed.), *Cuba ilustrada. La Real Comisión de Guantánamo 1796-1802. Tomo I*. Madrid, Lunweg Editores S.A. [general; history; iconography]
- Soubihé, José, Sobrinho**  
1961. See Mariconi, F. de A. M. & J. Soubihé, Sobrinho, 1961.
- Sourakov, Alexandra, Adrian Duehl and Andrei Sourakov**  
2012. Foraging behavior of the blue *Morpho* and other tropical butterflies: The chemical and electrophysiological basis of olfactory preferences and the role of color. *Psyche* (Cambridge) 2012(378050): 1-10, 6 figs., 2 tabs. [general]
- Sourakov, Andrei**  
1993. See Johnson, K. D. & A. Sourakov, 1993.  
1995a. Systematics, evolutionary biology and population genetics of the *Cercyonis pegala* group (Lepidoptera: Nymphalidae: Satyrinae). *Holarctic Lepidoptera* 2(1): 1-20, 18 figs., 5 tabs. (31 March) [Mexico]  
1995b. Notes on life histories of Lepidoptera of Las Alturas, Costa Rica. *Tropical Lepidoptera* 6(1)(1): 3-4, pl. 1 (25 May) [*Mechanitis menapis saturata* Godman & Salvin, *Hypothyris lycaste callispila* (Bates); larvae, pupae; host plants]  
1996a. Notes on the genus *Calisto*, with descriptions of the immature stages (Part 1) (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 7(1)(2): 91-112, 23 figs., 3 tabs. (25 June) [eggs, larvae, pupae; host plants; morphology; República Dominicana]  
1996b. See Emmel, T. C. & A. Sourakov, 1996.  
1999. Deciduous scales on satyrine legs. *News of the Lepidopterists' Society* 41(1): 29, 2 figs. (15 March) [*Calisto nubila* Lathy; Puerto Rico]  
2000. Notes on the genus *Calisto*, with descriptions of the immature stages (Part 2) (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 10(2): 73-79, 8 figs. ("20", [22] November) [general; life histories; host plants; behavior; Dominican Republic]  
2004. See Emmel, T. C. & A. Sourakov, 2004.  
2007. Dominican Republic - Notes on evolution of butterflies and our knowledge about them. *News of the Lepidopterists' Society* 49(2): 46-49, 55, 2 figs. (1 August) [general]  
2009a. Direct competition for nectar in some Patagonian butterflies. *News of the Lepidopterists' Society* 51(1): 14-15, 15 figs. (3 March) [*Vanessa terpsichore* Philippi, *Yramea cytheris* (Drury), *Cosmosatyrus leptoneuroides* Felder & Felder; behavior; Argentina]  
2009b. Butterflies of the Cayman Islands (2008). Askew, R. R. & P. A. van B. Stafford. *Tropical Lepidoptera Research* 19(1): 59, 1 fig. (1 June) [general; book review]  
2009c. On the immature stages of Citrus-feeding butterflies of Hispaniola. *Tropical Lepidoptera Research* 19(2): 115-117, 3 figs. (1 December) [*Eantis papinianus* (Poey), *Heraclides pelaus imerius* (Godart), *H. androgeus epidaurus* (Godman & Salvin); life histories; host plants; Dominican Republic]  
2009d. Extraordinarily quick visual startle reflexes of skipper butterflies (Lepidoptera: Hesperidae) are among the

- fastest recorded in the animal kingdom. *Florida Entomologist* 92(4): 653-655, 1 fig. (December) [general; behavior; Argentina, Brazil, Ecuador]
2010. Natural and sexual selection in satyrine wing patterns: a complex story. *News of the Lepidopterists' Society* 52(1): 6-7, 15, 7 figs. (15 April) [*Archeuptychia cluena* (Drury), *Chloreuptychia arnaca* (Fabricius), *Auca barrosi* (Silva), *Cosmosatyrus leptoneuroides* (Felder & Felder); behavior; Brazil, Chile]
- 2011a. See Núñez, E. O. et al., 2011.
- 2011b. A letter from the field: Not a paradise, but pretty darn close. *Notes. Association for tropical Lepidoptera* 2011[1]: 8, 7 figs. (June) [general; Brazil]
- 2011c. Report of partial bilateral gynandromorph of *Dismorphia spio* with notes on sexual dimorphism and illustrations of immature stages. *Journal of the Lepidopterists' Society* 65(3): 196-199, 1 fig. (12 October) [host plant; Dominican Republic]
- 2011d. See Willmott, K. R. et al., 2011.
2012. See Sourakov, A. et al., 2012.
2014. See Matos, P. F. et al., 2014.
2015. Antipredation and "antimimicry": wing pattern is supported by behavior in *Archaeoprepona chromus* (Lepidoptera: Nymphalidae: Preponini). *Notes. Association for tropical Lepidoptera* 2015[2]: 1-7, 3 figs. (December) [*Doxocopa cyane* (Latreille); behavior; Argentina]
2016. ELEN V and ELEN VI. *Notes. Association for tropical Lepidoptera* 2016[1]: 4, 4 figs. (June) [*Heliconius erato phyllis* (Fabricius); Argentina]
- 2017a. Studying Lepidoptera in different lights. *News of the Lepidopterists' Society* 59(2): 96-101, 29 figs. (24 May) [general; morphology]
- 2017b. Two recent books celebrating the splendor of butterflies. *Tropical Lepidoptera Research* 27(1): 60-61, 4 figs. (June) [Pieridae; book reviews]
2018. 28 years in Tom's orbit: personal reflections on the passing of Thomas C. Emmel. *News of the Lepidopterists' Society* 60(3): 132-137, 2 pls., 1 fig. (27 August) [general; Neotropics]
2019. Opinion: the future of monarch migration in light of its past. *News of the Lepidopterists' Society* 61(4): 196-197, 4 figs. (27 August) [*Danaus plexippus* (Linnaeus); Mexico]
- Sourakov, Andrei, and Thomas Chadbourne Emmel**
- 1995a. Early stages of *Calisto grannus* Bates on Hispaniola (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 6(1)(1): 27-30, 5 figs. (25 May) [egg, larva, pupa; host plant; República Dominicana]
- 1995b. Life history of *Greta diaphana* from the Dominican Republic (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 6(2): 155-157, 5 figs. ([5] December) [egg, larva, pupa; host plant]
1996. Notes on the life history of *Anetia jaegeri* from Hispaniola (Lepidoptera: Nymphalidae: Danainae). *Tropical Lepidoptera* 7(2): 155-159, 4 figs., 1 tab. (30 December) [morphology; host plant; República Dominicana]
2004. *Conservation of insects*, pp. 595-604, figs. 202-206. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 1. [Ed. 2, 2008] [*Papilio homerus* Fabricius; *Heraclides aristodemus ponceanus* (Schaus); host plants; Jamaica, Bahamas]
- Sourakov, Andrei, and Peter R. Houlihan**
2017. Note on nocturnal activity of a skipper, *Pseudonascus paullinae*, in French Guiana. *Tropical Lepidoptera Research* 27(1): 26-27, 1 fig. (June) [behavior]
- Sourakov, Andrei, and Andrew David Warren**
2015. Irving Finkelstein's collection finds a new home at the McGuire Center. *News of the Lepidopterists' Society* 57(1): 42-43, 6 figs. (26 February) [*Codatractus arizonensis* (Skinner); Mexico]
2016. Two special collections at the McGuire Center are digitized. *News of the Lepidopterists' Society* 58(3): 118-119, figs. (25 August) [general; Neotropics]
- Sourakov, Andrei, and Evgeny Valentinovich Zakharov**
2011. "Darwin's butterflies"? DNA barcoding and the radiation of the endemic Caribbean butterfly genus *Calisto* (Lepidoptera, Nymphalidae, Satyrinae). *Comparative Cytogenetics* 5(3): 191-210, 7 figs., 1 tab. (published online 24 August) [general; West Indies]
- Sousa, Anne Caroline Pantoja de**
2006. See Jauffret, P. & A. C. P. de Sousa, 2006.
- Sousa, Anne Caroline Pantoja de, and William Leslie Overal**
2003. *A importância da Estação Científica Ferreira Penna (FLONA de Caxiuana, Melgaço, PA) para estudos e conservação das borboletas (Papilionoidea: Pieridae, Papilionidae e Nymphalidae): acréscimos, atualização taxonômica e análise da lista*, CZO\_016: 3 pp. In: Montag, L. F. de A. & G. F. Maschio (Eds.), *Estação Científica Ferreira Penna. Dez anos de Pesquisa na Amazônia*. Belém, Museu Paraense Emílio Goeldi. (*Idéias e Debates, Livro de Resumos Seminário*, 6) (October) [general; Brazil]
- Sousa, Jeanlex Soares de**
2015. See Ramos, M. V. et al., 2015.
- Sousa, Juan Carlos de**
2014. See Blandin, P. et al., 2014a.
- Sousa, Lincey Elias**
2019. See Sousa, W. O. de et al., 2019.
- Sousa, Raimundo Maciel**
2011. See Pereira, D. S. et al., 2011.
- Sousa, Ronycleide da Silva**
2017. See Gomes Junior, R. N. et al. 2017.
- Sousa, Suelen de Moura, Maurício Lopes de Faria and Anderson Oliveira Latini**
2010. Sobrevivência diferencial de pupas de *Euselasia apisaon* Dalman (Lepidoptera: Riodinidae) em plantas de sub-bosque nos plantios de *Eucalyptus* de Belo Oriente, MG. *Neotropical Entomology* 39(5): 681-685, 3 figs. (October) [host plant; Brazil]
- Sousa, Wesley Oliveira de, Lincey Elias Sousa, Fátima Regina Jaloretto da Silva, Wildio Ikaro da Graça Santos and Rodrigo Aranda**
2019. Composition and structure of the frugivorous butterfly community (Lepidoptera: Nymphalidae) at the Serra Azul State Park (PESA), Mato Grosso, Brazil. *Zoologia (Curitiba)* 36(e27708): 1-10, 5 figs., 4 tabs. (14 May) [general]
- Sousa-Lopes, Bruno de, James Bryan Whitfield, Geraldo Salgado-Neto and Kleber Del-Claro**
2019. *Cotesia itororensis* sp. nov. from Brazilian savanna: a new reared microgastrine wasp (Hymenoptera: Braconidae) described using an integrative taxonomic approach. *Zootaxa* 4544(3): 437-445, 3 figs. (14 January) [general; parasitoids; Neotropics]
- Sousa-Silva, Carlos Roberto**
2009. See Costa, F. de M. et al., 2009.
- Southcott, Laura, and Marcus R. Kronforst**
2017. A neutral view of the evolving genomic architecture of speciation. *Ecology and Evolution* 7(16): 6358-6366, 5 figs. (August; published online 6 July) [*Heliconius*



2018. Female mate choice is a reproductive isolating barrier in *Heliconius* butterflies. *Ethology* 124(12): 862-869, 3 figs., 4 tabs. (December; published online 14 November) [*H. cydno galanthus* Bates, *H. pacheus* Salvin; host plants; Panama]
- Souto, Leandro de Sousa**  
2016. See Ambrogi, B. G. et al., 2016.
- Soutullo, Álvaro**  
2018. See Borthagaray, A. I. et al., 2018.
- Souza, Agnelo Rodrigues**  
2016. See Silva, N. A. P. da et al., 2016.
- Souza, Amanda Rodrigues de, Teresinha Augusta Giustolin, Ranyse Barbosa Querino and Clarice Diniz Alvarenga**  
2016. Natural parasitism of lepidopteran eggs by *Trichogramma* species (Hymenoptera: Trichogrammatidae) in agricultural crops in Minas Gerais, Brazil. *Florida Entomologist* 99(2): 221-225, 2 tabs. (June) [general; host plants]
- Souza, Anete Pereira de**  
2016. See Seraphim, N. et al., 2016.
- Souza, Brígida**  
2012. See Meira, A. L. et al., 2012.
- Souza, Camila Silveira de**  
2017. See Sigrist, M. R. et al., 2017.
- Souza, Camila Silveira de, Daniel Máximo Correa de Alcântara, Junior Henrique Frey Dargas, Thiago Henrique Stefanello, Muryel Furtado de Barros, Evaldo Benedito de Souza and Milton Omar Cordova**  
2016. Composição e comportamento de visitantes florais de duas espécies herbáceas no Chaco úmido brasileiro. *Entomotropica* 31(9): 64-75, 3 figs., 1 tab. (published online 28 March) [general; pollinators]
- Souza, Carlos Alberto Martinelli de**  
2012. See Wendt, J. G. N. et al., 2012.
- Souza, Christina Lopes de**  
1985a. See Almeida, G. de S. S. de & C. L. de Souza, 1985.  
1985b. See Almeida, G. de S. S. de et al., 1985.  
1986a. See Almeida, G. de S. S. de et al., 1986a.  
1986b. See Almeida, G. de S. S. de et al., 1986b.
- Souza, Diego Pereira de**  
2015. See Ramos, M. V. et al., 2015.
- Souza, Elnatan Bezerra de, Cristiana Barros Nascimento Costa and Eduardo Leite Borba**  
2007. Ocorrência de auto-incompatibilidade homomórfica em *Mitracarpus longicalyx* E. B. Souza & M. F. Sales (Rubiaceae – Spermaceae). *Revista brasileira de Botânica* (São Paulo) 30(2): 281-287, 12 figs., 1 tab. (June) [*Hemiargus hanno* (Stoll); pollination; Brazil]
- Souza, Evaldo Benedito de**  
2016. See Souza, C. S. de et al., 2016.
- Souza, Flavia Pacheco Alves de, and Andrea Paula dos Santos Oliveira Kamensky**  
2015. As contribuições do naturalista Fritz Müller para a história das ciências e o ensino de biologia. *Revista de Educación en Biología* 18(1): 9-17 (May) [general; Brazil]
- Souza, Gabriely Köerich**  
2012. See Ribeiro, R. C. et al., 2012.
- Souza, Henrique Guimarães de**  
2005. See Antonini, Y. et al., 2005.
- Souza, Jana Magaly Tesserolli de**  
2012. See Danieli-Silva, A. et al., 2012.
- Souza, Jana Magaly Tesserolli de, Cristiane Snak and Isabel Galarda Varassin**  
2017. Floral divergence and temporal pollinator partitioning in two synchronopatric species of *Vigna* (Leguminosae-Papilionoidea). *Arthropod-Plant Interactions* 11(3): 285-297, 4 figs., 5 tabs. (June; published online 7 March) [*Hemiargus hanno* (Stoll), Hesperidae; Brazil]
- Souza, Jaqueline Rodrigues de**  
2017. See Cabette, H. S. R. et al., 2017.
- Souza, Jorge Luiz Pereira**  
2017a. See Graça, M. B. C. S. da et al., 2017a.  
2017b. See Graça, M. B. C. S. da et al., 2017c.
- Souza, José Thyago Aires**  
2018. See Souza, M. dos S. de et al., 2018.
- Souza, Júlio César de**  
1980. See Reis, P. R. & J. C. de Souza, 1980.
- Souza, Lauana Pellanda de**  
2015. See Holtz, A. M. et al., 2015.
- Souza, Lindáurea Alves de**  
1991. See Moura, J. I. L. & L. A. de Souza, 1991.  
1997. See Ferreira, J. M. S. et al., 1997.  
2006a. See Ribeiro, R. C. et al., 2006.  
2006b. See Lunz, A. M. et al., 2006.
- Souza, Luciano de Jesus**  
2012. See Ramos, C. S. et al., 2012.
- Souza, Luiz Francisco da Silva**  
2002. See Reinhardt, D. H. et al., 2002.
- Souza, Marcelo Dias de**  
2013. See Dorval, A. et al., 2013.
- Souza, Marcos Magalhães de**  
2019. See Rosa, A. H. B. et al., 2019b.
- Souza, Marina Toutenge de**  
2007. See Lemos, W. de P. et al., 2007.
- Souza, Marlinda Lobo de**  
1997. See Ribeiro, B. M. et al., 1997.
- Souza, Mileny dos Santos de, José Thyago Aires Souza, Guilherme Ferreira Costa Lima, Márcio Raimundo de Medeiros, Robério de Oliveira and Jacinto de Luna Batista**  
2018. Primeiro registro de *Aricoris campestris* (H. Bates) (Lepidoptera: Riodinidae) em palma forrageira *Nopalea cochenillifera* (L.) Dalm-Dyck (Cactaceae) no Brasil. *EntomoBrasilis* 11(2): 142-143, 1 fig. (31 August) [host plant]
- Souza, Neuda Alves de, Antônio Fernando de Souza Leão Veiga, Mirna Martins Casagrande and Manoel Guedes Correa Gondim Jr.**  
2006. Morfologia externa dos imaturos de *Caligo teucer* (Linnaeus) (Lepidoptera, Nymphalidae). *Revista brasileira de Zoologia* 23(4): 1243-1250, 22 figs. (31 December) [egg, larva, pupa; host plants; Brazil]
- Souza, Paulo Ricardo Barbosa de**  
2017. See Roque, F. de O. et al., 2017.
- Souza, Paulo Ricardo Barbosa de, and Rhainer Guillermo Nascimento Ferreira**  
2015. Butterflies of the Bodoquena plateau in Brazil (Lepidoptera, Papilionoidea). *ZooKeys* 546: 105-124, 3 figs., 1 tab. (16 December) [general]
- Souza, Pricila Fátima de, Grasiela Porfirio and Heitor Miraglia Herrera**  
2019. Perceptions and attitudes of Urucum settlement residents about local wildlife. *Anthrozoös* 32(1): 117-127, 1 fig., 2 tabs. (published online 15 January) [*Morpho*; Brazil]
- Souza, Thadeu Sobral**  
2009. See Freitas, A. V. L. et al., 2009.  
2014. See Gomes, V. et al., 2014.  
2015. See Francini, R. B. et al., 2015.

2018. See Santos, J. P. dos et al., 2018.
2019. See Santos, J. P. dos et al., 2019.
- Souza, Thadeu Sobral, and Ronaldo Bastos Francini**
2014. Changes in hindwing traits of *Actinote* (Lepidoptera: Nymphalidae) during pupal development. *News of the Lepidopterists' Society* 56(1): 10-12, 2 figs. (1 March) [general; morphology; Brazil]
- Souza, Thadeu Sobral, Ronaldo Bastos Francini, Murilo Guimarães and Woodruff Whitman Benson**
- 2015a. Short-term dynamics reveals seasonality in a subtropical *Heliconius* butterfly. *Journal of Insects* 2015(761058): 1-5, 2 figs., 1 tab. (after 5 November) [*H. sara apseudes* (Hübner); ecology; Brazil]
- Souza, Thadeu Sobral, Ronaldo Bastos Francini and Matheus Souza Lima Ribeiro**
- 2015b. Species extinction risk might increase out of reserves: allowances for conservation of threatened butterfly *Actinote quadra* (Lepidoptera: Nymphalidae) under global warming. *Natureza & Conservação* 13(2): 159-165, 2 figs., 2 tabs. (published online 2 December) [distribution; Brazil]
- Souza, Vânia Beatriz Vieira de, Zilda Maria Pereira Kässmayer and Irene da Silva**
1986. Estudo ultraestrutural dos túbulos de Malpighi em larva de *Tatochila autodice* (Lepidoptera, Pieridae. II - Região proximal. *Revista brasileira de Entomologia* (São Paulo) 30(1): 187-193, figs. 2-5 (31 March) [Brazil]
- Souza, Vânia Beatriz Vieira de, and Irene da Silva**
- 1986a. Estudo ultraestrutural dos túbulos de Malpighi em larva de *Tatochila autodice* (Lepidoptera, Pieridae. I - Ducto comum. *Revista brasileira de Entomologia* (São Paulo) 30(1): 179-186, 7 figs. (31 March) [Brazil]
- 1986b. Estudo ultraestrutural dos túbulos de Malpighi em larva de *Tatochila autodice* (Lepidoptera, Pieridae. IV - Região distal. *Revista brasileira de Entomologia* (São Paulo) 30(1): 203-211, 6 figs. (31 March) [Brazil]
- Souza, Vânia Beatriz Vieira de, Irene da Silva and Regina M. P. Cordeiro da Silva**
1986. Estudo ultraestrutural dos túbulos de Malpighi em larva de *Tatochila autodice* (Lepidoptera, Pieridae. III - Região mediana. *Revista brasileira de Entomologia* (São Paulo) 30(1): 195-202, figs. 2-9 (31 March) [Brazil]
- Soza, Abiezer Ezequiel**
2014. See Debrix, A. et al., 2014.
2017. See Debrix, A. et al., 2017.
- Spade, Paul, Hamilton A. Tyler and John Wesley Brown**
- [1989]. The biology of seven troidine swallowtail butterflies (Papilionidae) in Colima, Mexico. *Journal of Research on the Lepidoptera* 26(1/4): 13-26, 19 figs., 2 tabs. ("15 November 1988", [2 March 1989]) [eggs, larvae, pupae; host plants]
- Späth, Manfred**
1992. Notes sur la redécouverte de quelques sous-espèces du genre *Agrias*, avec des annotations nomenclaturales et la description de quatre formes nouvelles (Lepidoptera Nymphalidae). *Bulletin de la Société Sciences Nat* 75/76: 38-45, pls. 5-8 (26 October) [*A. narcissus tapajonus* form *weneri*, *A. n. t.* form *kersteini*, *A. phalcidon fournierae* form *mariettae*, *A. claudina sardanapalus* form *paganinii*; Brazil]
1999. *Nymphalidae I. Agrias*. In: Bauer, E. & T. Frankenbach (Eds.), *Schmetterlinge der Erde. Tagfalter*. Krefeld, Goecke & Evers. 2: 1-13, 20 pls. [general]
- Spalding, Adrian**
1996. See Waring, P. et al., 1996.
2018. The ecology and evolution of *Heliconius* butterflies by Chris D. Jiggins. *Entomologist's Gazette* 69(2): 146-148, 1 fig. (27 April) [general; book review]
- Spanier, Jonathan E.**
2009. See Binetti, V. R. et al., 2009.
- Spaniol, Ricardo Luís, Leandro da Silva Duarte, Milton de Souza Mendonça Jr. and Cristiano Agra Iserhard**
2019. Combining functional traits and phylogeny to disentangling Amazonian butterfly assemblages on anthropogenic gradients. *Ecosphere* 10(8)(e02837: 1-15, 5 figs. 1 tab. (August; published online 14 August) [general; Brazil]
- Spaniol, Ricardo Luis, and Ana Beatriz Barros de Morais**
2015. Borboletas frugívoras em áreas de transição ecológica do sul do Brasil (Lepidoptera: Nymphalidae). *Shilap* 43(169): 27-40, 4 figs., 2 tabs. (30 March) [general]
- Sparrow, Helen R.**
1994. See Ehrlich, P. R. et al., 1994.
- Sparrow, Helen R., Thomas D. Sisk, Paul Ralph Ehrlich and Dennis D. Murphy**
1994. Techniques and guidelines for monitoring Neotropical butterflies. *Conservation Biology* 8(3): 800-809, 5 figs., 1 tab. (September) [general; Costa Rica]
- Speart, Jessica**
2011. *Winged obsession. The pursuit of the world's most notorious butterfly smuggler*. New York, HarperCollins Publishers. [viii] + 311 pp. [general; conservation]
- Specht, Alexandre**
2011. See Fronza, E. et al., 2011.
2012. See Duarte, M. et al., 2012.
2015. See Formentini, A. C. et al., 2015.
2016. See Ribeiro, D. B. et al., 2016.
- Specht, Alexandre, José Augusto Teston and Rocco Alfredo Di Mare**
2003. *Lepidópteros*, pp. 111-116, 1 map. In: Fontana, C. S., G. A. Bencke & R. E. Reis (Eds.), *Livro vermelho da fauna ameaçada de extinção no Rio Grande do Sul*. Porto Alegre, Edipucrs. [Papilionidae; Brazil]
- Specht, Maria Joanna da Silva, Larissa Rolim Borges and Márton Paluch**
2011. Borboletas associadas à *Heliconia velloziana* L. Emygd. (Zingiberales: Heliconiaceae) no Estado de Pernambuco. *Revista Biociências* (Taubaté) 17(1): 27-32, 1 fig. [general; host plant; Brazil]
- Specht, Maria Joana da Silva, and Márton Paluch**
2009. Estágios imaturos de *Caligo illioneus illioneus* (Cramer) (Nymphalidae: Morphinae: Brassolini). *Neotropical Entomology* 38(6): 801-808, 3 figs. (December) [egg, larva, pupa, imago; host plant; morphology; Brazil]
- Speed, Michael P.**
2001. See Turner, J. R. G. & M. P. Speed, 2001.
- 2004a. See Ruxton, G. D., T. N. Sherratt et al., 2004.
- 2004b. See Ruxton, G. D., M. P. Speed et al., 2004.
2017. See Cuthill, I. C. et al., 2017.
- Speed, Michael P., and John Richard George Turner**
1999. Learning and memory in mimicry: II. Do we understand the mimicry spectrum? *Biological Journal of the Linnean Society* 67(3): 281-312, 9 figs., 5 tabs. ([21 July) [general]
- Spegazzini, Carlos** [1858-1926]
1916. Las víctimas de la *Araujoa sericifera* Brot. *Revista argentina de Botánica* 1(4): 177-179 (March) [general; Argentina]
- Speidel, Wolfgang**

2007. See Nässig, W. A. & W. Speidel, 2007.
- Speight, Martin R., and F. Ross Wylie**  
2000. *Insect pests in tropical forestry*. Wallingford, CABI Publishing. ix + 307 pp., 128 pls., figs., tabs. [general]
- Spencer, J. L., Eugenio Cabanillas and William Crawford Kennard**  
1956. Incidence and control of the citrus hesperid in Puerto Rico. *FAO Plant Protection Bulletin* 4(5): 61-63, 2 figs., 1 tab. (February) [*Achlyodes papinianus minor* Comstock; host plants; larva, pupa; behavior]
- Spencer, Kevin C.**  
1988. *Chemical mediation of coevolution in the Passiflora-Heliconius interaction*, pp. 167-240, 15 figs., 28 tabs. In: Spencer, K. V. (Ed.), *Chemical mediation of coevolution*. San Diego, Academic Press, Inc. [general; host plants]  
2000. See Engler, H. S. et al., 2000.
- Spencer, Nadia**  
2007. See Salvato, M. H. et al., 2007.
- Spera, Bruno Rafael**  
2012. See Lara, R. I. R. et al., 2012.
- Sperling, Felix A. H.**  
1987. Evolution of the *Papilio machaon* species group in Western Canada (Lepidoptera: Papilionidae). *Quaestiones entomologicae* 23(2): 198-315, 3 pls., 44 figs., 14 tabs. (August) [general; Neotropics]  
1990. Natural hybrids of *Papilio* (Insecta: Lepidoptera): poor taxonomy or interesting evolutionary problem? *Canadian Journal of Zoology* 68: 1790-1799, 3 figs., 3 tabs. [general]  
1993. Mitochondrial DNA variation and Haldane's rule in the *Papilio glaucus* and *P. troilus* species groups. *Heredity* 71(3): 227-233, 3 figs., 2 tabs. (September) [Mexico]  
1999a. See Caterino, M. S. & F. A. H. Sperling, 1999.  
1999b. See Reed, R. D. & F. A. H. Sperling, 1999.  
2000. See Burns, J. M. et al., 2000.  
2001. See Caterino, M. S. et al., 2001.  
2003. *Butterfly molecular systematics: From species definitions to higher-level phylogenies*, pp. 431-458, 5 figs. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [*Papilio*]  
2004a. See Zakharov, E. V. et al., 2004a.  
2004b. See Zakharov, E. V. et al., 2004b.  
2005. See Wahlberg, N. et al., 2005a.  
2006. Collectors, collections, and collegial connections. *News of the Lepidopterists' Society* 48(2): 47-50 (29 July) [general]  
2007a. See Nazari, V. et al., 2007.  
2007b. See Nazari, V. & F. A. H. Sperling, 2007.  
2010. See Simonsen, T. J. et al., 2010.  
2011. See Simonsen, T. J. et al., 2011.  
2012a. See Condamine, F. L. et al., 2012a.  
2012b. See Condamine, F. L. et al., 2012b.  
2013. See Condamine, F. L. et al., 2013.  
2015a. See Proshok, B. et al., 2015.  
2015b. See Lewis, D. S. et al., 2015.  
2017. See Owens, H. L. et al., 2017.  
2018. See Condamine, F. L. et al., 2018.
- Sperling, Felix A. H., and Paul P. Feeny**  
1995. *Umbellifer and composite feeding in Papilio: Phylogenetic frameworks and constraints on caterpillars*, pp. 299-306, 2 figs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [Mexico]
- Sperling, Felix A. H., and Richard Gerald Harrison**  
1994. Mitochondrial DNA variation within and between species of the *Papilio machaon* group of swallowtail butterflies. *Evolution* 48(2): 408-422, 5 figs., 1 tab. (2 November) [*Papilio polyxenes stabilis* Rothschild & Jordan, *P. p. americanus* Kollar; Costa Rica, Ecuador]
- Spero, Jonathan**  
2014. See Otis, G. W. et al., 2014.
- Spessatto, Mary Bortolanza**  
2001. *O diário de Fritz Plaumann*. Chapecó, Santa Catarina, Argos. 312 pp., figs. [general; Brazil]
- Spitz, Robert** [1859-1954]  
1930. Über neue brasilianische Insektenformen. *Entomologische Rundschau* 47(10): 39-40 (15 October), (11): 41-43, 2 figs. (15 November) [general; *Apodemia paucipuncta*, *Systasea latifasciata*; *Pyrrhopygopsis socrates* Ménétrés: life history]  
1931a. Variationserscheinungen an *Euptychia armilla* Btlr., und einige neue Lepidopteren aus Brasilien. *Revista de Entomologia* (Petrópolis) 1(1): 42-52, 2 figs. (25 April) [general; new species: *Cercyonis luederwaldti*, *Thecla violescens*, *T. seitzii*, *T. taunayi*, *T. melzeri*]  
1931b. Especies novas de macrolepidopteros brasileiros e suas biologias. *Revista do Museu paulista* (São Paulo) 17(1): 459-482, 4 pls. (15 July) [*Systasea latifasciata* Spitz, *Apodemia paucipuncta* Spitz, *Pyrrhopygopsis socrates* Ménétrés]  
1932. Catalogo das colleções dos macrolepidopteros do Museu Paulista, com anotações, até 1929. *Revista do Museu paulista* (São Paulo) 17(2): 835-893 (5 July) [general; South America]  
1933. Uma nova especie brasileira da tribu Theclini (Lep. Lycaenidae). *Revista de Entomologia* (Petrópolis) 3(2): 224-225, 1 fig. (20 July) [*Thecla ohausi*]
- Spitzer, Paul R.**  
1983. See Fink, L. S. et al., 1983.
- Spix, Johann Baptist von** [1781-1826], and **Karl Friedrich Philip von Martius**  
1823. *Reise in Brasilien auf Befehl Sr. Majestät Maximilian Joseph I. Königs von Baiern in den Jahren 1817 bis 1820 gemacht. Erster Theil*. München, M. Lindauer. [8] + i-viii, vii-xiv, 1-412, 15 figs., 1 map. [English Ed., 1824] [general]
- Splendore, Alfonso** [1871-1953]  
1901. See Lutz, A. & A. Splendore, 1901.  
1904. See Lutz, A. & A. Splendore, 1904.
- Spomer, Stephen M.**  
1995. The butterflies of the West Indies and South Florida. David Spencer Smith, Lee D. Miller, and Jacqueline Y. Miller. 1994. *Annals of the entomological Society of America* 88(4): 594 (July) [general; book review]  
2006. See Scott, J. A. et al., 2006.
- Sponchiado, Jonas**  
2008. See Giovenardi, R. et al., 2008.
- Springate, Neil D.**  
2005. See Basset, Y. et al., 2005.
- Springer, Jim**  
2002. Butterflying to the beat of a steel drum: Trinidad & Tobago. *American Butterflies* 10(3): 24-29, figs. [general]
- Spruce, Richard** [1817-1893]  
1867. Notes on some insect and other migrations observed in Equatorial America. *Journal of the Linnean Society of London (Zoology)* 9(38): 346-367 (13 December) [general]  
1908. *Notes of a botanist on the Amazon & Andes. Being*

records of travel on the Amazon and its tributaries, the Trombetas, Rio Negro, Uaupés, Casiquiari, Pacimoni, Huallaga, and Pastasa; as also to the cataracts of the Orinoco, along the eastern side of the Andes of Peru and Ecuador, and the shores of the Pacific, during the years 1849-1864. London, Macmillan and Co., Limited. 1: lii + 518 pp., 49 figs., 3 maps, portrait; 2: xii + 542 pp., 22 figs., 4 maps. [Edited by Alfred Russel Wallace] [general]

**Spuler, Arnold** [1869-1937]

1892. Zur Stammesgeschichte der Papilioniden. *Zoologische Jahrbücher (Systematik)* 6(4): 465-498, pls. 22-23 (29 October) [general]

**Squire, F. A.**

1932. Oviposition of *Telenomus nigrocoxalis* Ashm. (Chalcididae). *Nature* (London) 129(3258): 544-545 (9 April) [*Brassolis sophorae* (Linnaeus); parasitoid; Guyana]

1934. See Cleare, L. D., Jr. & F. A. Squire, 1934.

1935. Recent entomological investigations. *Agricultural Journal of British Guiana* 6(2/3): 84-90 (June-September) [*Tmolus echion* (Linnaeus), *Thymele fuligator* (Walch); Guyana]

1936a. Recent entomological investigations, II. *Agricultural Journal of British Guiana* 7(1): 21-26, pls. 4-5, 1 tab. (March) [*Brassolis sophorae* (Linnaeus); parasitoids; Guyana]

1936b. Observations on the pupal respiration of some insects of economic importance. *Bulletin of entomological Research* 27(3): 381-384, 2 figs. (2 October) [general]

1937. Observations on the pupal diapause of the orange dog (*Papilio anchisiades* L.). *Tropical Agriculture* 14(6): 170-171, 3 figs. (June) [life history; physiology; Guyana]

1972. Entomological problems in Bolivia. *PANS* 18(3): 249-268, 10 figs. (September) [*Papilio anchisiades capys* Hübner, *P. aristeus* Stoll, *Colias lesbia* (Fabricius); host plants]

**Srinivasarao, Mohan**

2008. See Weatherspoon, M. R. et al., 2008.

2017. See Fu, J. et al., 2017.

**Srnka, Antonin** [1844-1901]

1884a. Eine neue *Athyrtis*. Lepidoptera: Fam. Heliconiidae. *Berliner entomologische Zeitschrift* 28(1): 163-165 (June) [*A. salvini*; Peru]

1884b. Exotische Notizen. *Stettiner entomologische Zeitung* 45(7/9): 295-298 (late June) [Danainae, Ithomiinae; Brazil, Ecuador, Peru]

1885. Neue südamerikanische Danaidae und Heliconidae. *Berliner entomologische Zeitschrift* 29(1): 121-130, pl. 1 (July) [general; *Athesis hewitsonii*, *Ceratinia porsenna*, *C. soror*, *Ithomia honrathi*, *I. trombona*, *I. excellens*, *I. tenera*, *Athyrtis mechanitis* variety *oberthüri*, *Tithorea cassandrina*, *Eueides pellucida*; Colombia, Brazil, Peru, Ecuador]

**Srygley, Robert Baxter**

1990. See Chai, P. & R. B. Srygley, 1990.

1994a. Locomotor mimicry in butterflies? The associations of positions of centres of mass among groups of mimetic, unprofitable prey. *Philosophical Transactions of the royal Society of London* (B) 343(1304): 145-155, 3 figs., 4 tabs. (29 January) [general; Panama, Costa Rica]

1994b. Shivering and its cost during reproductive behaviour in Neotropical owl butterflies, *Caligo* and *Opsiphanes* (Nymphalidae: Brassoliniinae). *Animal Behaviour* 47(1): 23-32, 3 figs., 2 tabs. (January) [Panama]

1994c. See Dudley, R. & R. B. Srygley, 1994.

1998. See Oliveira, E. G. et al., 1998.

1999. Locomotor mimicry in *Heliconius* butterflies: contrast analysis of flight morphology and kinematics. *Philosophical Transactions of the royal Society of London* (B) 354(1380): 203-214, 4 figs., 5 tabs. (29 January) [Panama]

2000. See Penz, C. M. et al., 2000.

2001a. Compensation for fluctuations in crosswind drift without stationary landmarks in butterflies migrating over seas. *Animal Behaviour* 61(1): 191-203, 6 figs., 4 tabs. (January) [Pieridae, Nymphalidae, Hesperidae; Colombia]

2001b. Incorporating motion into investigations of mimicry. *Evolutionary Ecology* 13(7/8): 691-708, 2 figs., 2 tabs. ("November 1999"; 2001) [general]

2001c. Sexual differences in tailwind drift compensation in *Phoebis sennae* butterflies (Lepidoptera: Pieridae) migrating over seas. *Behavioral Ecology* 12(5): 607-611, 6 figs. [host plants; behavior; Colombia, Panama]

2004. The aerodynamic costs of warning signals in palatable mimetic butterflies and their distasteful models. *Proceedings of the royal Society of London* (B) 271(1539): 589-594, 2 figs., 1 tab. (22 March; published online 10 February) [general; behavior; Panama]

2007. Evolution of the wave: aerodynamic and aposematic functions of butterfly wing motion. *Proceedings of the royal Society of London* (B) 274(1612): 913-917, 2 figs., 1 tab. (7 April) [*Heliconius*; Panama]

2008. See Dudley, R. & R. B. Srygley, 2008.

2015. See Basset, Y. et al., 2015.

2018. Experimental manipulation of dispersal ability in a Neotropical butterfly *Anartia fatima* (Lepidoptera: Nymphalidae). *Insects* (Basel) 9(3)(107): 1-10, 3 figs., 4 tabs. (September; published online 22 August) [Panama]

**Srygley, Robert Baxter, and Peng Chai**

1990a. Predation and the elevation of thoracic temperature in brightly-colored, neotropical butterflies. *American Naturalist* 135(6): 766-787, 4 figs., 4 tabs. (June) [general; Costa Rica]

1990b. Flight morphology of Neotropical butterflies: palatability and distribution of mass to the thorax and abdomen. *Oecologia* 84(4): 491-499, 6 figs., 1 tab. (October) [general; Panama]

**Srygley, Robert Baxter, and Robert Dudley**

1993. Correlations of the position of center of body mass with butterfly escape tactics. *Journal of experimental Biology* 174: 155-166, 2 figs., 4 tabs. (January) [general; Panama, Costa Rica]

2008. Optimal strategies for insects migrating in the flight boundary layer: mechanisms and consequences. *Integrative and comparative Biology* 48(1): 119-133, 5 figs., 2 tabs. (July; published online 25 March) [general; Panama]

**Srygley, Robert Baxter, Robert Dudley, Evandro Gama de Oliveira, Rafael Aizprúa, Nicole Z. Peláez and André J. Riveros**

2010. El Niño and dry season rainfall influence hostplant phenology and an annual butterfly migration from Neotropical wet to dry forests. *Global Change Biology* 16(3): 936-945, 6 figs. (March; published online 28 May 2009) [*Aphrissa statira* (Cramer), *A. boisduvalii* (Felder & Felder); host plants; behavior; Panama]

**Srygley, Robert Baxter, Robert Dudley, Evandro Gama de**

- Oliveira and André J. Riveros**  
 2006. Experimental evidence for a magnetic sense in Neotropical migrating butterflies. *Animal Behaviour* 71(1): 183-191, 3 figs. (January) [*Aphrissa statira* (Cramer); Panama]
2014. El Niño, host plant growth, and migratory butterfly abundance in a changing climate. *Biotropica* 46(1): 90-97, 5 figs. (January; published online 12 December 2013) [*Marpesia chiron* (Fabricius), *Aphrissa statira* (Cramer); Panama]
- Srygley, Robert Baxter, and Charles Porter Ellington**  
 1999a. Discrimination of flying mimetic, passion-vine butterflies *Heliconius*. *Proceedings of the royal Society of London (B)* 266(1434): 2137-2140, 2 figs., 1 tab. (7 November) [behavior; Panama]
- 1999b. Estimating the relative fitness of local adaptive peaks: the aerodynamic costs of flight in mimetic passion-vine butterflies *Heliconius*. *Proceedings of the royal Society of London (B)* 266(1435): 2239-2245, 3 figs. (22 November) [Panama]
- Srygley, Robert Baxter, and Joel G. Kingsolver**  
 2000. Effects of weight loading on flight performance and survival of palatable Neotropical *Anartia fatima* butterflies. *Biological Journal of the Linnean Society* 70(4): 707-725, 5 figs., 1 tab. ([14] August) [Panama]
- Srygley, Robert Baxter, and Evandro Gama de Oliveira**  
 2001a. Sun compass and wind drift compensation in migrating butterflies. *Journal of Navigation* 54(3): 405-427, 7 figs. (September; published online 2 October) [*Phoebis sennae* (Linnaeus), *P. argante* (Fabricius), *Aphrissa statira* (Cramer); Colombia, Panama]
- 2001b. *Orientation mechanisms and migration strategies within the flight boundary layer*, pp. 183-206, 7 figs., 2 tabs. In: Woiwood, I. P., D. R. Reynolds & C. D. Thomas (Eds.), *Insect movement. Mechanisms and consequences*. Wallingford, CAB International. [general]
- Srygley, Robert Baxter, Evandro Gama de Oliveira and Robert Dudley**  
 1996. Wind drift compensation, flyways, and conservation of diurnal, migrant Neotropical Lepidoptera. *Proceedings of the royal Society of London (B)* 263(1375): 1351-1357, 3 figs., 2 tabs. (22 October) [*Aphrissa statira* (Cramer), *Marpesia chiron* (Fabricius), *Phoebis argante* (Fabricius); Panama]
- Srygley, Robert Baxter, and Carla Maria Penz**  
 1999. Lekking in neotropical owl butterflies, *Caligo illioneus* and *C. oileus* (Lepidoptera: Brassolini). *Journal of Insect Behavior* 12(1): 81-103, 5 figs., 4 tabs. (January) [Panama]
2001. Larval description and hostplant record for *Ithomia diasia* Hewitson (Nymphalidae: Ithomiinae) in Panama. *Journal of the Lepidopterists' Society* 54(4): 145-146, 1 fig., 1 tab. (10 December)
- Stadler, Tanja**  
 2012. See Etienne, R. S. et al., 2012.
- Stafford, Christine**  
 2012. See Walters, J. R. et al., 2012.
- Stafford, P. Ann van B.**  
 2008. See Askew, R. R. & P. A. van B. Stafford, 2008.
- Stahl, Agustín [1842-1917]**  
 1883. *Fauna de Puerto-Rico. Clasificación sistemática de los animales que corresponden á esta fauna y catálogo del gabinete zoológico del Dr. A. Stahl en Bayamón*. Puerto Rico, Imprenta del "Boletín Mercantil". 249 pp. [general]
- Stahlhut, Julie K.**  
 2012. See Smith, M. A. et al., 2012.
- St-Aimée, Natasha M.**  
 2002. See Starr, C. K. et al., 2002.
- Stalleicken, Julia**  
 2013. See Mouritsen, H. et al., 2013.
- Stallings, Don Brigg [1910-1987]**  
 1944. See Whittaker, R. H. & D. B. Stallings, 1944.
- Stallings, Don Brigg, and Viola Nancy Stallings**  
 1969. Larval behavior of *Agathymus*, including a divergent group in Baja and Southern California (Megathymidae). *Journal of the Lepidopterists' Society* 23(4): 243-249, 2 pls. (15 December) [general; Mexico]
1986. Variation in egg color in *Agathymus estelleae* (Lepidoptera: Megathymidae). *Entomological News* 97(2): 71-72 (March-April) [host plants; Mexico]
- Stallings, Don Brigg, Viola Nancy Stallings, J. Rice Turner and Beulah R. Turner**  
 1986. Courtship and oviposition patterns of two *Agathymus* (Megathymidae). *Journal of the Lepidopterists' Society* 39(3): 171-176 (13 May) [*A. estelleae* (Stallings & Turner); Mexico]
- Stallings, Don Brigg, and J. Rice Turner**  
 1946. Texas Lepidoptera. *Entomological News* 57(2): 44-49 (6 May) [general; Mexico, West Indies]
1947. Texas Lepidoptera (With description of a new subspecies). *Entomological News* 58(2): 36-41 (8 May) [general; *Asterocampa clyton louisa*; Mexico]
1954. Notes on *Megathymus neumoegei*, with description of a new species (Megathymidae). *Lepidopterists' News* 8(3/4): 77-87, 5 pls. (17 September) [Mexico]
1955. On the question of the lectotype of "*Megathymus aryxna*" Dyar, 1905. *Bulletin of zoological Nomenclature* 11(9): 295-296 (30 December) [Mexico]
1958. A review of the Megathymidae of Mexico, with a synopsis of the classification of the family. *Lepidopterists' News* 11(4/5): 113-137, 8 pls., 3 figs. (13 May) [general; new taxa: *Megathymus remingtoni*, *M. estelleae*, *M. beulahae*, *M. juliae*, *M. hazelae*, *M. yuccae wilsonorum*]
1959. The names for the suprageneric categories of the Megathymidae. *Lepidopterists' News* 12(3/4): 93-94 (26 January) [general; new tribe: Agathymini]
- Stallings, Don Brigg, J. Rice Turner and Viola Nancy Stallings**  
 1961. A new subspecies of *Agathymus mariae* from Mexico (Megathymidae). *Journal of the Lepidopterists' Society* 15(1): 19-22, 1 pl. (9 November) [*A. m. micheneri*; egg, larva, pupa, imago; host plant]
1963. Two new species and one new subspecies of Megathymidae from Mexico and Texas. *Journal of the Lepidopterists' Society* 17(2): 81-88, 3 pls. (8 November) [*Megathymus gayleae*, *Stallingsia jacki*, *Megathymus yuccae reubeni*; eggs, larvae; host plants; distribution]
1964. Notes on five Megathymidae. *Journal of the Lepidopterists' Society* 18(1): 45-47 (13 May) [host plants; life histories; Mexico, Central America]
1966. Two new species and two new subspecies of Megathymidae from Mexico and the United States. *Journal of the Lepidopterists' Society* 20(3): 163-172, 4 pls. (25 August) [*Agathymus ricei*, *A. escalantei*, *Megathymus yuccae maudae*, *M. y. elidaensis*; host plants; distribution]
- Stallings, Viola Nancy [1911-1998]**  
 1961. See Stallings, D. B. et al., 1961.  
 1963. See Stallings, D. B. et al., 1963.

1964. See Stallings, D. B. et al., 1964.
1966. See Stallings, D. B. et al., 1966.
1969. See Stallings, D. B. & V. N. Stallings, 1969.
- 1986a. See Stallings, D. B. & V. N. Stallings, 1986.
- 1986b. See Stallings, D. B. et al., 1986.
- Stallwood, B. Roy** [1910-1990]
- 1972-73. A preliminary survey of the food and feeding habits of adult butterflies. *Bulletin of the amateur Entomologists' Society* 31(297): 130-132 (November 1972); 32(299): 64-72 (May 1973) [general; behavior]
- Stamberger, Jeannie A.**
2014. See Bonebrake, T. C. et al., 2014.
- Stamm, Patrick, Florian Mann, Melanie McClure, Marianne Elias, Stefan Schulz**
2019. Chemistry of the androconial secretion of the ithomiine butterfly *Oleria onega*. *Journal of chemical Ecology* 45(9): 768-778, 10 figs. (September; published online 7 September) [Peru]
- Stammeshaus, Hermann J. L. T.**
1982. *Een voorlopige lijst van de Surinaamse vlinders van het geslacht Heliconius Kluk (Lepidoptera: Nymphalidae)*. Amsterdam, Author. [36] + 72 pp., 11 pls. (August) [new forms: *H. wallacei flavescens* form *inez*, *H. melpomene meriana* form *alba*, *H. erato amalfreda* form *heyde*]
- Stamp, Nancy E.**
1980. Egg deposition patterns in butterflies: Why do some species cluster their eggs rather than deposit them singly? *American Naturalist* 115(3): 367-380, 2 tabs. (March) [general; Neotropics]
1996. Predator! *American Butterflies* 4(4): 30-35, 14 figs. [*Danaus plexippus* (Linnaeus); Mexico]
- Standfuss, Maximilian Rudolph** [1854-1917]
1894. Ueber die Gründe der Variation und Aberration des Falterstadiums bei den Schmetterlingen. *Entomologische Zeitschrift* 8(11): 95-99 1 September), (12): 101-103 (15 September), (13): 109-110 (1 October) [*Vanessa cyanomelas* Doubleday; Mexico]
1895. The causes of variation and aberration in the imago stage of butterflies, with suggestions on the establishment of new species. *Entomologist* 28(382): 69-76 (March), (383): 102-114 (April), (384): 142-150 (May) [English translation of the previous reference]
- Stanék, Václav Jan** [1907-1983]
1969. *The pictorial encyclopedia of insects*. London, Paul Hamlyn. 544 pp., 48 pls., 960 figs. [general]
1977. *The illustrated encyclopedia of butterflies & moths*. London, Octopus Books Limited. 352 pp., figs. [first ed. in Czech] [general; Neotropics]
- Stanford, Ray Edmund**
1994. Presidential address 1993: On the comparative distributions of Lepidoptera and lepidopterists. *Journal of the Lepidopterists' Society* 48(1): 1-7, 1 fig. (23 February) [general; Mexico]
1998. Collecting Lepidoptera in Sonora and Sinaloa, Mexico, 26-31 December, 1954. *News of the Lepidopterists' Society* 40(3): 44 (15 June) [general]
2007. *Phycodes pallelescens* (R. Felder, 1869), new from Arizona and the USA, with a 50 year follow-up! *News of the Lepidopterists' Society* 49(4): 116-117, 2 figs. (5 December) [Mexico]
- Stanford, Ray Edmund, and Paul Alexander Opler**
1993. *Atlas of Western USA butterflies. Including adjacent parts of Canada and Mexico*. Denver and Fort Collins, Authors. [4] + x + 275 pp., maps (January) [general]
- Stanford-Camargo, Sergio Gerardo**
2007. See Méndez, G. et al., 2007.
- 2009a. See Ibarra-González, M. P. & S. G. Stanford-Camargo, 2009.
- 2009b. See Campos, F. V. et al., 2009.
- 2009c. See Pescador, A. et al., 2009.
2011. See Pescador, A. et al., 2011.
2018. See Delgadillo-Romero, S. A. et al., 2018.
- Stanford-Camargo, Sergio Gerardo, Alberto Jesús Ramírez, Marcela Patricia Ibarra-González, René Alberto Ibarra and Luis Enrique Páez**
2013. *Ciclo de vida de Nymphalis antiopa Linnaeus 1758 (Lepidoptera: Nymphalidae) en condiciones del Valle de México*, pp. 1613-1618, 8 figs. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(2). México, Sociedad mexicana de Entomología. [host plant; Mexico]
- Stangeland, Mike**
2005. See Davis, K. et al., 2005.
- Staniou, Joan M.**
1979. See Barbulescu, E. & J. M. Staniou, 1979.
- Stankowich, Theodore**
2019. See Briolat, E. S. et al., 2019.
- Stanley, Kathleen Ann Babb, Héctor Rojas and Rocío Rodiles**
1995. *Anexo II. Biología de la mariposa Danaus plexippus. Una bibliografía anotada*, pp. 161-224, 2 figs., 2 tabs. In: Chapela G. & D. Barkin, *Monarcas y campesinos. Estrategia de desarrollo sustentable en el oriente de Michoacán*. México, Centro de Ecología y Desarrollo (15 May) [general; Mexico]
- Stanton, David W. G., Peter Frandsen, Ryan K. Waples, Rasmus Heller, Isa-Rita M. Russo, Pablo A. Orozco-terWengel, Casper-Emil Tingskov Pedersen, Hans R. Siegismund and Michael W. Bruford**
2019. More grist for the mill? Species delimitation in the genomic era and its implications for conservation. *Conservation Genetics* 20(1): 101-113, 1 tab. (February; published online 1 March) [*Heliconius*]
- Stanton, Mariana Alves**
2013. See Morais, A. B. B. de et al., 2013.
- Starkey, George** [1627/8-1665]
1655. *A philosophical letter, treating of many other secrets and experiments for general Riches and Profits, besides those arising from Bees*, pp. 15-32. In: Hartlib, S. (Ed.), *The Reformed Common-Wealth of Bees: Presented in Several Letters and Observations to Samuel Hartlib Esq. With the Reformed Virginian Silk-Worm. Containing many Excellent and Choice Secrets, Experiments, and Discoveries for Attaining of National and Private Profits and Riches*. London, Giles Calvert. [iv] + 62 + [2] pp. [*Papilio*; Bermuda]
- Starkey, Timothy A.**
2013. See Potyrailo, R. A. et al., 2013.
- Starr, Christopher Kenneth** [1949- ]
1992. Memorandum. *The Field Naturalist. Bulletin of the Trinidad and Tobago Field Naturalist Club* 1992(4): 9 (December) [general; Trinidad, Tobago]
2004. A ramble around Grande Rivière. *The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2004(2): 1-3 (June) [*Morpho peleides* Kollar; Trinidad]
2017. How many insect species are in your country? The example of Trinidad and Tobago. *Journal of natural History* 51(27/28): 1589-1592 (published online 29 June) [general]

**Starr, Christopher Kenneth, Sharon Boodram, Dale N. Stephens, Kevin S. Andrews, Shane T. Ballah, Marissa N. Gowrie, Princess M. Jagoo, Natasha M. St-Aimée and Craig A. Western**

2002. Does brightness mean warning colouration in butterfly wings? *Living World* 2002: 49-50, 1 tab. (November) [general; Trinidad]

**Starr, Christopher Kenneth, Ishmael Samad and Peter Pasold**

1993. Field trip report: Maracas Valley to Maracas Bay (Tyrico trail). *The Field Naturalist. Bulletin of the Trinidad and Tobago Field Naturalist Club* 1993(3): 6-8 (September) [*Morpho peleides* Kollar; Trinidad]

**Starret, Andrew**

1993. Adaptive resemblance: a unifying concept for mimicry and crypsis. *Biological Journal of the Linnean Society* 48(4): 299-317 ([28 May]) [general]

**Stade, Hermann**

2005. Guarulhos airport 17 September 2005. *Metamorphosis* 16(3): 80-82 (September) [general; Brazil]

**Staudinger, Otto** [1830-1900]

1876. Neue Lepidopteren des südamerikanischen Faunengebiets. *Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien* 25(1): 89-124 ("1875", [6] April 1876) [general; *Papilio guaco*, *Styx* (new genus) *infernalis*, *Eurema* (*Terias*) *venustula*, *Daptonoura panamensis*, *D. p.* variety *anceps*, *D. p.* variety *chagris*, *D. chiricana*, *Eutresis imitatrix*, *Melinaea ribbei*, *Heliconius hewitsoni*, *Eueides lybioides*, *Morpho rhetenor* variety *cacica*, *M. candelariae*, *Synchlœ adelina*, *Catagramma bugaba*, *Megalura alcibiades*, *Euptychia mollis*, *E. macrophthalmia*, *Oxeoschistus thammii*, *O. leucospilos*, *Eurybia persona*, *Esthemopsis strigosus*, *Charis iris*, *Telegonus chiriquensis*, *T. henricus*, *Pyrrhopyge aesculapus*, *P. insana*, *P. cyclops*, *Pythonides amaryllis*, *Achlyodes osyris*, *A. (Helias ?) anacreon*, *Helias ascalaphus*, *H. ascalon*, *H. aurocapilla*, *H. (?) ribbei*; Mexico, Central and South America]

1882. On three new and interesting species of Rhopalocera. *Proceedings of the zoological Society of London* 1882(3): 396-398, pl. 24 (October) [*Papilio hahneli*, *Heliconius venus*, *H. godmani*; Brazil, Colombia]

1884-88. *I. Theil. Exotische Tagfalter in systematischer Reihenfolge mit Berücksichtigung neuer Arten*. In: Staudinger, O. & E. Schatz, 1884-1892, *Exotische Schmetterlinge*. Fürth, G. Löwensohn. 1(1): 3-6, pls. 1-5 (early June 1884), (2): 7-10, pls. 6-10 (early July 1884), (3): 11-14, pls. 11-15 (early August 1884), (4): 15-22, pls. 16-20 (mid-September 1884), (5): 23-30, pls. 21-25 (mid November 1884), (6): 31-38, pls. 26-30 (late December 1884), (7): 39-46, pls. 31-35 (early February 1885), (8): 47-58, pls. 36-40 (early April 1885), (9/10): 59-82, pls. 41-50 (mid August 1885), (11/12): 83-102, pls. 51-60 (mid November 1885), (13): 103-122, pls. 61-65 (mid February 1886), (14): 123-138, pls. 66-70 (early May 1886), (15): 139-158, pls. 71-75 (mid September 1886), (16): 159-174, pls. 76-80 (early November 1886), (17): 175-194, pls. 81-85 (mid March 1887), (18): 195-214, pls. 86-90 (late April 1887), (19): 215-234, pls. 91-95 (mid October 1887), (20): 235-270, pls. 96-98 (late April 1888), (21): 1-2, 271-333 + [10] pp., pls. 99-100, 1 map (early November 1888) [Ed. 2, 1895-1897] [general; new taxa: *Papilio arianus*, *P. plaesiolaus*, *P. protesilaus* variety *nigricornis*, *P. pizarro*, *P. tasso*, *P. harmodius*

variety *aristogiton*, *P. hipparchus*, *Pereute chiriquensis*, *P. cheops*, *P. callinira*, *Dismorphia amalia*, *D. arsinœ* variety *arsinoides*, *D. lysinœ* variety *lysinoides*, *D. acraeoides* variety *mimetica*, *Eurema damarina*, *E. hahneli*, *E. elathea* variety *elatrides*, *Perrybris malenka* variety *ostrolenka*, *Lycorea pasinuntia* variety *concolor*, *Ituna lamirus* variety *completa*, *Thyridia singularis*, *Eutresis hypereia* variety *dilucida*, *E. h.* variety *antioquensis*, *Dircenna steinheili*, *D. callichroma*, *Epithomia valera*, *Ceratinia antonina*, *C. fenestrella* variety *peruviana*, *C. f.* variety *hemimelas*, *C. fluonia* aberration *pantherina*, *C. apollinis*, *C. anastasia* aberration *amabilis*, *C. a.* variety *anastasina*, *Mechanitis polymnia* variety *doryssides*, *M. p.* variety *plagifera*, *M. huallaga*, *M. h.* aberration *jurimaguensis*, *Napeogenes hymettia*, *N. hypsaea*, *N. excelsa* variety *centralis*, *N. iquitensis*, *Ithomia ierdinoides*, *I. lerdina*, *I. athalina*, *I. troetschi*, *I. t.* variety *saturata*, *I. laura*, *I. fausta*, *I. makrena* variety *caucana*, *I. fallax*, *I. starkei*, *I. ladra*, *I. paradoxa*, *I. anomala*, *I. mira*, *I. dimidiata*, *I. quinta*, *Aeria elodina*, *Melinaea lucifer* variety *divisa*, *M. hicetas* aberration *flavosignata*, *Tithorea bonplandii* variety *descandollesi*, *T. latreillei*, *T. humboldtii* variety *flavomaculata*, *T. susanna*, *T. harmonia* variety *furia*, *Heliconius sylvana* variety *faunus*, *H. faunus* variety *antioquensis*, *H. antiochus* variety *ocannus*, *H. crispus*, *H. eleusinus*, *H. cydno* variety *cydnides*, *H. hahneli*, *H. doris* variety *viridis*, *H. amor*, *H. vestalis*, *H. vala*, *H. vedius*, *H. erato* variety *mars*, *H. burneyi* variety *catharina*, *Eueides libitina*, *Acraea subhyalina*, *A. lapitha*, *Euptoietia claudia* variety *bogotana*, *Phyciodes annita*, *P. callonia*, *P. c.* variety *murena*, *P. mimas*, *P. alma*, *P. oblita*, *P. fallax*, *P. styx*, *Gnathotriche sodalis*, *Chlosyne narva* variety *brunhilda*, *Anartia jatrophae* variety *saturata*, *Eunica emmelina*, *E. vetula*, *E. violetta*, *Epiphile electra*, *Catonephele penthia* variety *penthiana*, *Temenis pulchra* variety *melania*, *Dynamine niveata* variety *pitheus*, *D. pebana*, *Perisama goeringi* variety *hahneli*, *Catagramma mena*, *C. excelsior* variety *excelsissima*, *C. e.* variety *pastazza*, *C. miles* variety *militaris*, *Callithea hewitsoni*, *C. wallacei*, *C. salvini*, *Ectima liria* variety *viridis*, *Ageronia fallax*, *A. ferox*, *A. albicornis*, *A. chloe* variety *daphnis*, *Vila cacica*, *Cystineura hypermnestra* variety *apicalis*, *Pyrrhogyra catharina*, *P. juani*, *P. lysanias* variety *maculata*, *P. nasica*, *Megalura chiron* variety *chironides*, *Adelpha basiloides* variety *lativittata*, *A. lesbia*, *A. inachia*, *A. eponina*, *A. mesentina* variety *chancha*, *Apatura kallina*, *A. selina* variety *lauretta*, *Prepona miranda*, *P. chromus* variety *synchroma*, *P. demophon* variety *extincta*, *P. catachloa*, *P. antimache* variety *amazonica*, *Agrias sardanapalus* variety *lugens*, *A. claudianus*, *A. amydonius*, *A. narcissus*, *A. anaxagoras*, *A. pericles* variety *xantippus*, *A. phalcion* variety *paulus*, *A. beata*, *Megistanis japetus*, *Anaea morvus* variety *morpheus*, *A. m.* variety *pseudiphis*, *A. m.* variety *drucei*, *A. arginussa* variety *onophides*, *A. glauca* variety *glauca*, *A. vicina*, *Siderone nemesi* variety *confluens*, *S. ellops* variety *strigosa*, *S. e.* variety *cacica*, *Protogonius hippona* variety *immaculatus*, *P. h.* variety *peruvianus*, *P. h.* variety *butleri*, *Morpho iphicles* variety *amphitryon*, *M. adonis* aberration *adonides*, *M. cypris* variety *bugaba*, *M. menelaus* variety *centralis*, *M. marinita* variety *narcissus*, *M. deidamia* variety *pyrrhus*, *Selenophanes*, *Opsiphanes*

- cassiope* variety *cassiopeia*, *O. sulcius*, *O. camena*, *O. quiteria* variety *meridionalis*, *O. q.* variety *quirinalis*, *Caligo idomeneus* variety *rhoetus*, *C. i.* variety *superbus*, *C. eurylochus* [sic] variety *livius*, *C. oilaeus* variety *philademos*, *C. o.* variety *placidianus*, *C. menoeti*, *Eryphanis automedon* variety *tristis*, *E. opimus*, *Narope testacea* variety *stygius*, *N. cyllastros* variety *syllabus*, *N. anartes* variety *sarastro*, *Cithaeris esmeralda* variety *bandusia*, *Pierella lesbia*, *P. hymettia*, *P. lena* aberration *leucospila*, *Antirrhaea murena*, *Euptychia hemileuca*, *E. confusa*, *E. catharina*, *E. lesbia*, *E. juani*, *Lymanopoda nivea*, *Pedaliodes catargyrea*, *P. juba*, *P. hoppferi*, *Daedalma pholoe*, *Taygetis virgilia* variety *rufomarginata*, *T. andromeda* variety *marginata*, *T. echo* variety *velutina*, *T. salvini*, *T. penelea* variety *penelina*, *Corades pannonia* variety *albomaculata*, *Euselasia hahneli*, *E. dolichos*, *E. lysias* variety *lysimachus*, *E. lycaeus*, *Mesosemia toska*, *M. sybillina*, *Monethe albertus* variety *cajetanus*, *Lymnas jarbas* variety *epijarbas*, *Necyria diva*, *Euerycina dephinia*, *Ithomeis corena* variety *corinna*, *Lepricornis incerta*, *Esthemopsis cilnia*, *Astraeodes*, *Syrmatia dorilas* variety *aethiops*, *S. astraea*, *Zelotaea pellex*, *Dismathia cindra*, *Anteros acanthoides* variety *spicata*, *Emesis emesina*, *Symmachia spona*, *S. scurra*, *S. rita*, *S. maeonius*, *S. jugurtha*, *Cricosoma batesi*, *Mesene noctis*, *Charis amalfreda*, *C. barine*, *C. saphirina*, *Metacharis melusina*, *Lasaia narses*, *L. meris* variety *sula*, *L. moeros*, *L. chama*, *Lemonias florus*, *L. fusius*, *L. juanita*, *L. calvus*, *Nymphidium balbinus*, *N. licinias*, *Theope eurygonina* variety *columbiana*, *Aricoris salvini*, *A. heliodora*, *Stalachtis calliope* variety *bicolor*, *S. magdalenae* variety *cleove*, *S. euterpe* variety *latefasciata*, *S. e.* variety *adelphe*, *S. phaedusa* variety *phaloe*, *Thecla baxis* variety *vulnerata*, *T. dolosa*, *T. argiva* variety *obscura*, *T. hahneli*, *T. adela*, *Micandra* (new genus) *sapho*, *Aethilla hahneli*, *Oxynetra hoppferi*, *O. confusa*, *Pyrrhopyge telassa* variety *telassina*, *P. t.* variety *tenuis*, *Myscelus phoronis* variety *caucanus*; Neotropics]
- 1890a. *Morpho rhetenor* Cr. var. *helenae* Stdgr. *Entomologische Nachrichten* 16(7): 107-109 (April) [general; Peru]
- 1890b. Bemerkungen zu den Tafeln III und IV. *Deutsche entomologische Zeitschrift "Iris"* 3(2): 337-338, pls. 3-4 (late December) [new species: *Papilio quadratus*, *Catagramma michaeli*]
1891. Neue exotische Lepidopteren. *Deutsche entomologische Zeitschrift "Iris"* 4(1): 61-157, pls. 1-2 (late July) [*Papilio xanthopleura* variety *diaphora*, *Catagramma michaeli* variety *excelsa*, *C. cyclops*, *C. c.* variety *columbiana*, *C. c.* variety *centralis*; Central and South America]
- 1892a. Eine neue *Morpho*-Form. *Deutsche entomologische Zeitschrift "Iris"* 4(2): 197-198 (mid February) [*M. sulkowskyi* variety *psyche*; Bolivia]
- 1892b. [Footnote and notes]. In: Garlepp, G., Brief aus Bolivien. *Deutsche entomologische Zeitschrift "Iris"* 5(1): 272 (late June), (2): 273-276 (late December) [general]
- 1892c. Neue *Papilio*-Formen aus Südamerika. *Deutsche entomologische Zeitschrift "Iris"* 5(2): 427-428 (late December) [*P. garleppi*, *P. g.* variety *interruptus*, *P. lamarchei*; Bolivia, Brazil]
- 1892d. Berichtigungen. *Deutsche entomologische Zeitschrift "Iris"* 5(2): 466 (late December) [new name: *Morpho* eros]
- 1894a. Hochandine Lepidopteren. *Deutsche entomologische Zeitschrift "Iris"* 7(1): 43-100, pls. 1-2 (14 July) [general; new taxa: *Phulia nymphe*, *P. nymphaea*, *Trifurcula* (new genus) *huanaco*, *Papilio madyes* variety *marsyas*, *Dismorphia garleppi*, *Pieris stigmadice*, *Meganostoma cesonia* variety *cesonides*, *Colias lesbia* variety *andina*, *Tithorea harmonia* variety *pseudonyma*, *Heliconius anactorie* aberration *sanguineus*, *H. penelope*, *H. p.* aberration *pelopeia*, *H. p.* aberration *penelamanda*, *Argynnis inca*, *Phyciodes ursula*, *Pyrameis virginienis* variety *rubia*, *Pedaliodes albopunctata* variety *flavopunctata*, *P. poetica*, *P. prosa*, *P. coca*, *P. loca*, *Corades melania*, *C. medeba* variety *columbina*, *Cupido speciosa*, *C. vava*, *C. moza*, *Thecla* (?) *culminicola*, *T. alihoba*, *Pamphila phylaeus* [sic] variety *andina*, *Hesperia emma*; Mexico, Central and South America]
- 1894b. Bemerkungen über einige Neu-Guinea-Tag-schmetterlinge und Beschreibungen einiger neuer Arten. *Deutsche entomologische Zeitschrift "Iris"* 7(1): 101-120 (14 July) [new name: *Papilio pandonius*; Mexico]
- 1895a. [Footnote]. *Deutsche entomologische Zeitschrift "Iris"* 7(2): ii (5 January) [*Trifurcula*, *Andina*]
- 1895b. Berichtigungen über *Agrias*-Arten. *Entomologische Nachrichten* 21(23/24): 383-385 (December) [general; South America]
1896. Neue exotische Tagfalter. *Deutsche entomologische Zeitschrift "Iris"* 8(2): 366-379, pls. 7-8 (2 January) [*Agrias sardanapalus* variety *croesus*, *A. beatifica* variety *olivencia*; Brasil, Peru, Ecuador]
- 1897a. Neue *Heliconius*-Arten und Formen. *Deutsche entomologische Zeitschrift "Iris"* 9(2): 284-317, pls. 6-7 (9 January) [general; *H. metaphorus* variety *semiphorus*, *H. semiphorus* aberration *holcophorus*, *H. eucoma* variety *daguanus*, *H. weymeri*, *H. w.* aberration *gustavi*, *H. cydno* variety *epicydnides*, *H. c.* variety *subcydnides*, *H. pseudorhea*, *H. apseudes* aberration *albimaculata*, *H. a.* aberration *brevimaculata*, *H. a.* aberration *paranapurae*, *H. antiochus* aberration *divisus*, *H. a.* variety *araneides*, *H. clytia* variety *sulphurea*, *H. petiveranus* variety *colombina*, *H. amaryllis* variety *pseudamaryllis*, *H. aphrodyte*, *H. amatus*, *H. penelope* aberration *pluto*, *H. p.* aberration *penelopeia*, *H. cybele* aberration *cybelina*, *H. thelxiope* aberration *aglaopeia*, *H. t.* aberration *thelxiopeia*, *H. vesta* aberration *leda*, *H. v.* variety *amazona*, *H. melior*, *H. melittus*, *H. demeter*, *H. egeria* variety *egerides*, *H. e.* variety *astraea*, *H. burneyi* variety *huebneri*, *H. erato* variety *eratonius*, *H. e.* variety *transiens*, *H. e.* aberration *metharmina*; Mexico, Central and South America]
- 1897b. Neue südamerikanische Tagfalter. *Deutsche entomologische Zeitschrift "Iris"* 10(1): 123-151, pls. 5-8 (27 July) [*Pedaliodes phaeaca*, *P. phaeina*, *P. thiemei*, *P. antonia*, *P. anina*, *P. hewitsoni*, *P. illimania*, *P. subtangula*, *P. s.* variety *suffumata*, *P. apicalis*, *P. pronoe*, *P. p.* variety *phasina*, *P. phrasa*, *P. porrima*, *P. emma*, *Lasiophila regia*, *L. confusa*, *Daedalma dora*, *D. dinias* variety *boliviana*, *Manerebia* (new genus) *cyclopina*, *M. cyclopella*, *M. cyclops*, *M. typhlops*, *M. thyphlopsella*, *Sabatoga* (new genus) *mirabilis*, *Oxeochistus opalinus*, *O. o.* aberration *spoliatus*, *Lymanopoda marianna*, *L. galactea*, *Anaea anna*, *A. elina*; Venezuela, Colombia, Bolivia, Peru, Brazil]



- 1898a. Einige neue Tagfalterarten und Varietäten. *Deutsche entomologische Zeitschrift "Iris"* 10(2): 344-360 (12 January) [*Phulia nymphagoga*, *Satyrus gustavi*, *Prepona garleppiana*, *P. laertides*; Bolivia]
- 1898b. Einige neue südamerikanische *Papilio*-Formen. *Deutsche entomologische Zeitschrift "Iris"* 11(1): 138-142 (10 August) [*P. quadratus* variety *spoliatus*, *P. cutorina*, *P. vertumnus* variety *autumnus*; Brazil, Peru]
- 1899a. *Lepidopteren*. In: Naturhistorisches Museum, Hamburg, *Hamburger Magalhaensische Sammelreise*. Hamburg, L. Friederichsen & Co. 2(6): 1-117, 1 pl. (January) [general; new taxa: *Tatochila argyrodice*, *Colias lesbia* variety *arena*, *C. l.* variety *antarctica*, *Argynnis darwini*, *Erebia (Tetraphlebia) plumbeola* variety *duseni*; Chile, Argentina]
- 1899b. Ueber die Arten und Formen der Gattung *Agrias*. *Deutsche entomologische Zeitschrift "Iris"* 11(2): 360-376 (10 February) [general; new varieties: *A. claudia* variety *amazonica*, *A. sardanapalus* variety *bolivianus*; Panama, South America]
- 1899c. Bemerkungen. *Deutsche entomologische Zeitschrift "Iris"* 11(2): 376 (10 February) [*Papilio* spp.; synonymy; Peru, Brazil]
1900. Eine neue *Heliconius*-Form. *Deutsche entomologische Zeitschrift "Iris"* 12(2): 404-406, pl. 7, fig. 13 (25 March) [*H. tithoreides*; Peru]
- Stauffer, Fred, José Alejandro Clavijo and Mariapía Bevilacqua**
1993. Ataque de *Brassolis sophorae* (L., 1758) (Lepidoptera: Nymphalidae: Brassoliniinae) a las palmas (Palmae) del Parque del Este "Rómulo Betancourt", Caracas, Venezuela. *Boletín de Entomología venezolana* (N.S.) 8(1): 95-103, 1 tab. (July) [host plants]
- Stavenga, Doekele G.**
2002. Reflections on colourful ommatidia of butterfly eyes. *Journal of experimental Biology* 205(8): 1077-1085, 5 figs. (15 April) [*Heliconius melpomene* (Linnaeus)]
2004. See Arikawa, K. et al., 2004.
2007. See Wijnen, B. et al., 2007.
- 2008a. See Michielsen, K. & D. G. Stavenga, 2008.
- 2008b. See Giraldo, M. A. et al., 2008.
2009. See Vukusic, P. & D. G. Stavenga, 2009.
2011. See Wilts, B. D. et al., 2011.
2012. See Wilts, B. D. et al., 2012.
2014. See Wilts, B. D. et al., 2014.
- 2016a. See Giraldo, M. A. & D. G. Stavenga, 2016.
- 2016b. See Giraldo, M. A. et al., 2016.
2017. See Wilts, B. D. et al., 2017.
- Stavenga, Doekele G., and Kentaro Arikawa**
2006. Evolution of color and vision of butterflies. *Arthropod Structure and Development* 35(4): 307-318, 8 figs., 1 tab. (December; published online 10 December) [general]
- Stavenga, Doekele G., S. Foletti, George Palasantzas and Kentaro Arikawa**
2006. Light on the moth-eye corneal nipple array of butterflies. *Proceedings of the royal Society of London (B)* 273(1587): 661-667, 7 figs., 1 tab. (22 March; published online 6 December 2005) [*Heliconius melpomene* (Linnaeus)]
- Stavenga, Doekele G., Hein L. Leertouwer, Primož Pirih and Martin F. Wehling**
2009. Imaging scatterometry of butterfly wing scales. *Optics Express* 17(1): 193-202, 5 figs. (5 January; published online 24 December 2008) [*Morpho aega* (Hübner); morphology]
- Stavenga, Doekele G., Sally Stowe, K. Siebke, Jochen Zeil and Kentaro Arikawa**
2004. Butterfly wing colours: scale beads make white pierid wings brighter. *Proceedings of the royal Society of London (B)* 271(1548): 1577-1584, 9 figs. (7 August; published online 16 June) [general]
- Stearn, William Tomas [1911-2001]**
- 1982a. *The plants, the insects and other animals of Merian's Metamorphosis Insectorum Surinamensium*, pp. 76-83. In: Rücker, E. & W. T. Stearn, *Maria Sibylla Merian in Surinam. Commentary to the facsimile edition of Metamorphosis Insectorum Surinamensium (Amsterdam 1705) based on original watercolours in the Royal Library Windsor Castle*. London, Pion Limited. xi + 200 pp., frontisp., 5 pls., figs., 2 maps [general]
- 1982b. See Becker, V. O. & W. T. Stearn, 1982.
- Stedman, John Gabriel [1744-1797]**
1972. *Narrative of a five years' expedition against the revolted negroes of Surinam in Guiana on the wild coast of South America from the years 1772 to 1777. Elucidating the history of that country & describing its productions, viz. quadrupeds, birds, reptiles, trees, shrubs, fruits & roots; with an account of the indians of Guiana and negroes of Guinea*. Amherst, University of Massachusetts Press. xxviii + 480 pp., frontisp., 80 pls. [first ed., 1796; German ed., 1797; French ed., 1798; Dutch ed., 1799-1800; Swedish ed., 1800] [genera]
- Steeg, Martin [1899-1976]**
1929. Weitere Beobachtungen bei *Morpho hercules* und *M. laertes*. *Internationale entomologische Zeitschrift* 23(1): 10-11 (1 April) [host plants; eggs, larvae, pupae; behavior; parasitoids]
1933. Morphiden. *Internationale entomologische Zeitschrift* 27(9): 101-103, 3 figs. (1 June) [general; host plants; eggs, larvae, pupae, imagines; behavior; parasitoids; Brazil, Paraguay, Peru]
- Stefan, Greici**
2017. See Roque, F. de O. et al., 2017.
- Stefanello, Thiago Henrique**
2016. See Souza, C. S. de et al., 2016.
- Stefanelli, Emilio**
2017. See Racheli, T. et al., 2017.
- Stefanescu, Constantí**
2009. See Marín, L. et al., 2009.
- Stefani, Vanessa**
2011. See Pereira, H. A. et al., 2011.
2013. See Rios, G. G. et al., 2013.
- Stein, Daniel**
1976. See Young, A. M. & D. Stein, 1976.
- Stein, Julie**
2004. See Yakubu, A.-A. et al., 2004.
- Stein, Katharina, and Isabell Hensen**
2013. The reproductive biology of two understory plants in the Atlantic rain forest, Brazil. *Ecological Research* 28(4): 593-602, 3 figs., 2 tabs. (July; published online 3 May) [Danainae; pollination]
- Steinbach, Josef (Joseph) [1876-1930]**
1925. Beschreibung des ♀ von *Papilio vertumnus-yuracares* Rothsch. *Societas entomologica* 40(8): 29 (1 August) [Bolivia]
- Steiner, Axel**
2003. See Häuser, C. L. et al., 2003.
- Steiner, Josefina**
2010. See Schmid, S. et al., 2010.
- 2011a. See Schmid, S. et al., 2011.

- 2011b. See Kamke, R. et al., 2011.
- Steiner, Kim E.**  
1985. The role of nectar and oil in the pollination of *Drymonia semelata* (Gesneriaceae) by *Epicharis* bees (Anthophoridae) in Panama. *Biotropica* 17(3): 217-229, 6 figs., 4 tabs. (September) [*Dyscophellus phraxanor* (Hewitson), *D. nicephorus* (Hewitson), *Bungalotis midas* (Cramer)]
- Steinhauser, Stephen Rogers** [1921-2007]  
1972. The genus *Zestusa* (Hesperiidae) in El Salvador with description of a new species. *Journal of the Lepidopterists' Society* 26(3): 127-132, 5 figs. (29 September) [*Z. levona*; ecology; distribution]  
1974. Notes on Neotropical Nymphalidae and HesperIIDae with descriptions of new species and subspecies and a new genus. *Bulletin of the Allyn Museum* 22: 1-38, 94 figs. (21 October) [general; *Adelpha albifilum*, *Ridens crison howarthi*, *R. toddi*, *R. fieldi*, *Bolla salva*, *Ebrietas sappho*, *Onespa* (new genus) *nubis*, *Mellana thecla*, *M. tamana*, *M. balsa freemani*, *Vacerra cervara*; El Salvador, Guatemala]  
1975. An annotated list of the HesperIIDae of El Salvador. *Bulletin of the Allyn Museum* 29: 1-34, 1 map (5 December) [general]  
1981. A revision of the *proteus* group of the genus *Urbanus* Hübner. Lepidoptera: HesperIIDae. *Bulletin of the Allyn Museum* 62: 1-41, 61 figs. (4 September) [general; new species: *U. dubius*, *U. magnus*; Neotropics]  
1983. Notes on *Ridens* Evans, 1952 with description of a new species from Mexico. *Bulletin of the Allyn Museum* 79: 1-7, 6 figs. (7 March) [*R. mercedes*; Guatemala, Panama, South America]  
1986. A review of the skippers of the *narcosius* group of species of the genus *Astraptus* Hubner (*sensu* Evans, 1952) and erection of a new genus. Lepidoptera: HesperIIDae. *Bulletin of the Allyn Museum* 104: 1-43, 79 figs., 2 tabs. (29 July) [general; new species: *Narcosius* (new genus) *nazaraeus*; Mexico, Central and South America]  
1987. Notes on the identity of the species-group names in the genera *Urbanus* and *Astraptus* (*sensu* Evans). *Bulletin of the Allyn Museum* 111: 1-16, 1 tab. (20 October) [general]  
1989. Taxonomic notes and descriptions of new taxa in the Neotropical HesperIIDae. Part I. Pyrginae. *Bulletin of the Allyn Museum* 127: 1-70, 109 figs. (22 May) [general; new taxa: *Entheus crux*, *Astraptus mabillei*, genus *Thessia*, *Nisoniades suprapanama*, *N. coca*, *N. lata*, *N. torta*, *N. supra*, *N. evansi*, *Pachyneuria milleri*, *Pellicia vicina naja*, *Viola dagamba*, *Bolla dorsolacinae*, *Staphylus tridentis*, *S. melius*, *S. lizeri album*, *S. lenis*, *S. tingo*, *Ouleus candidus*, *O. negrus cristatus*, *Zera teresa*, *Pythonides rosa*, *Carrhenes sinesinus*, *C. infuscescens*; Neotropics]  
1991a. Six new species of skippers from Mexico (Lepidoptera: HesperIIDae and Heteropterinae). *Insecta Mundi* 5(1): 25-43, 27 figs. (March) [*Bolla solitaria*, *B. fenestra*, *Zobera oaxaquena*, *Piruna jonka*, *P. millerorum*, *Dalla kemneri*]  
1991b. Taxonomic notes and descriptions of new taxa in the Neotropical HesperIIDae. Part II. Heteropterinae and HesperIIDae, *vinus* group. *Bulletin of the Allyn Museum* 132: 1-79, 114 figs. (14 June) [*Dalla nubes*, *D. pincha*, *D. xantha*, *D. bos*, *D. pura*, *D. simplicis*, *D. puracensis*, *D. p. quindio*, *D. p. cotopa*, *D. calima*, *Lento grosso*, *Zalomes banco*, *Z. coto*, *Z. naco*, *Wahydra* (new genus) *subhebetis*, *W. nieblensis*, *W. obscura*, *Pheraeus covadonga loxicha*, *P. manes*, *P. rumba kofan*, *P. jaruensis*, *P. maria*]  
1992. See Miller, L. D. & S. R. Steinhauser, 1992.  
1996a. Three new *Paratrytone* species from Mexico (HesperIIDae: Lepidoptera). *Bulletin of the Allyn Museum* 141: 1-11, 15 figs. (5 June) [*P. kemneri*, *P. miahua*, *P. omiltemensis*]  
1996b. See Austin, G. T. & S. R. Steinhauser, 1996.  
1997. See Austin, G. T. et al., 1997.  
2002. Five new species of *Dalla* from Colombia and Ecuador (HesperIIDae). *Journal of the Lepidopterists' Society* 56(2): 53-61, 20 figs. (30 April) [*D. wardi*, *D. disconnexa*, *D. vista*, *D. pedro*, *D. celsus*]  
2007. Four new species of Neotropical skippers from Colombia, Peru and Brazil (Lepidoptera: HesperIIDae). *Bulletin of the Allyn Museum* 147: 1-11, 10 figs. (20 November) [*Pellicia alta*, *Tosta saltarana*, *Joanna clara*, *Neoxeniades anchicayensis*]  
2008a. New genus and four new species of HesperIIDae from Guyana and Peru (Lepidoptera: HesperIIDae). *Bulletin of the Allyn Museum* 152: 1-13, 21 figs. (9 May) [*Crinifemur*, *C. viridans*, *Parphorus jaguar*, *Thoon opus*, *Saturnus harpe*]  
2008b. See Warren, A. D. et al., 2008c.
- Steinhauser, Stephen Rogers, and George Traut Austin**  
1993. New species of HesperIIDae from Costa Rica. *Tropical Lepidoptera* 4(supplement 2): 12-20, 21 figs. ("15 July", [30 August]) [*Staphylus unicornis*, *S. parvus*, *Artines rica*, *Phemiades rufescens*]
- Steinhauser, Stephen Rogers, Jacqueline Yvonne Miller and Nick V. Grishin**  
2017. Review of the West Indian *Astraptus xagua* (Lucas) complex (HesperIIDae: Eudaminae) with the description of a new subspecies from the Bahamas. *Journal of Research on the Lepidoptera* 49: 81-90, 21 figs. (31 December; published online 2 April) [*A. x. harveyi*]
- Steinhauser, Stephen Rogers, and Lee Denmar Miller**  
1977. Three new species of *Adelpha* (Nymphalidae) from Mexico and Colombia. *Bulletin of the Allyn Museum* 46: 1-10, 22 figs. (22 November) [*A. levona*, *A. escalantei*, *A. jacquelineae*]
- Steinhauser, Stephen Rogers, Lee Denmar Miller, Jacqueline Yvonne Miller and Charles Albert Bridges, III**  
1990. *Dalla* Mabille, 1904 (Insecta, Lepidoptera): proposed conservation. *Bulletin of Zoological Nomenclature* 47(3): 184-186 (28 September)
- Steinhauser, Stephen Rogers, and Andrew David Warren**  
2002. A new species of *Euphyes* Scudder from western Mexico (HesperIIDae: HesperIIDae). *Journal of the Lepidopterists' Society* 55(4): 158-161, 7 figs. (8 April) [*E. canda*]
- Steinheil, Eduard Wilhelm** [1830-1878]  
1876-77. Reisen in Columbien. *Petermann's geographische Mittheilungen* 22(10): 393-395 (9 October 1876); 23(5): 184-188 (17 April 1877), (6): 222-227 (15 May 1877) [general]
- Steiniger, Hartmut**  
1979. See Goergen, J. & H. Steiniger, 1979.
- Steinke, Dirk**  
2012. See Smith, M. A. et al., 2012.
- Stekolnikov, Anatoliy Alexandrovich** [1937- ]  
1997. See Kuznetzov, V. I. & A. A. Stekolnikov, 1997.  
2001a. See Kuznetzov, V. I. & A. A. Stekolnikov, 2001a.  
2001b. See Kuznetzov, V. I. & A. A. Stekolnikov, 2001b.

2010. [Evolution of the skeleton and musculature of the male genitalia in the family Lycaenidae (Lepidoptera): II. Infratribe Polyommata Swainson, 1827.] *Entomologicheskoe obozrenie* 89(3): 561-587, 48 figs., 2 tabs. [in Russian, translated into English in *Entomological Review* 91(1): 37-57, 48 figs., 2 tabs. (2011)] [general; morphology]
- Stekolnikov, Anatoliy Alexandrovich, Vladimir Dmitrievich Ivanov, Vladimir Ivanovitsch Kuznetsov and Vladimir Alexandrovich Lukhtanov**
2000. [Evolution of the chromosome mechanism, wing articulation, and genitalia, and phylogeny of butterflies (Lepidoptera: Hesperioidea, Papilionoidea).] *Entomologicheskoe Obozrenie* 79(1): 123-149, 7 figs. [In Russian, translated into English in *Entomological Review* 80(4): 371-392 (May 2000)] [general]
- Stekolnikov, Anatoliy Alexandrovich, and Vladimir Ivanovitsch Kuznetsov**
2005. [Evolution of the skeleton and musculature of the male genitalia in family Lycaenidae (Lepidoptera). I. Sections *Cupido*, *Glaucopsyche*, *Lycaenopsis*, *Itylos*.] *Entomologicheskoe obozrenie* 84(4): 738-760, 46 figs. (30 November) [in Russian, translated into English in *Entomological Review* 85(9): 1055-1073, 46 figs. (21 November 2005)] [general; morphology]
- Stella, David, Zdeněk Faltýnek Fric, Michal Rindoš, Karel Kleisner and Pavel Pecháček**
2018. Distribution of ultraviolet ornaments in *Colias* butterflies (Lepidoptera: Pieridae). *Environmental Entomology* 47(5): 1344-1354, 4 figs. (3 October; published online 31 July) [general]
- Stempffer, Henri [1894-1977]**
1934. Contribution à l'étude du genre *Zizula* Chapman (Lep. Lycaenidae). *Bulletin de la Société entomologique de France* 38(20): 325-328, 2 figs. (4 February) [general; Neotropics]
1952. See Kiriakoff, S. G. & H. Stempffer, 1952.
1967. The genera of African Lycaenidae (Lepidoptera: Rhopalocera). *Bulletin of the British Museum (Natural History) Entomology (Supplement)* 10: 1-322, 1 pl., 348 figs. (25 August) [*Brephidium pseudofea* Morison, *Zizula tulliola* Godman & Salvin; Neotropics]
- Stenoien, Carl M.**
2016. See McCoshum, S. M. et al., 2016.
- Stenoien, Carl M., Kelly R. Nail, Jacinta M. Zalucki, Hazel Parry, Karen Suzanne Oberhauser and Myron Phillip Zalucki**
2018. Monarchs in decline: a collateral landscape-level effect of modern agriculture. *Insect Science* 25(4): 528-541, 3 figs. (August; published online 21 September 2016) [*Danaus plexippus* (Linnaeus); Mexico]
- Stensmyr, Marcus C., and Bill S. Hansson**
2011. A genome befitting a monarch. *Cell* 147(5): 970-972, 1 fig. (23 November) [*Danaus plexippus* (Linnaeus); Mexico]
- Stephan, Julius [1877-1954]**
1903. Die grössten Schmetterlinge der Erde. *Natur und Haus* (Dresden) 12(18): 274-276. (15 June) [general]
1905. Charakteristische Urwald-Schmetterlinge. *Natur und Haus* (Dresden) 14(2): 17-21, 4 figs. (15 September) [*Caligo* spp.; behavior]
1906. Unsere begehrtesten Satyriden. *Natur und Haus* (Dresden) 15(1): 5-8 (1 October). [general]
1907. Lautäusserungen im Reiche der Schmetterlinge. *Natur und Haus* (Dresden) 15(22): 347-350, 2 figs. (15 August), (23): 365 (1 September) [*Ageronia* spp.; sound production]
- 1908a. Die Schmetterlingswelt der Hochkordilleren von Südamerika. *Natur und Haus* (Dresden) 16(23): 356-359, 4 figs. (September), (24): 371-373, 5 figs. (September) [general; ecology]
- 1908b. Nachtflieger unter den Tagfaltern. *Natur und Haus* (Dresden) 17(3): 33-36 (November) [general; behavior]
1912. Tonerzeugende Schmetterlinge. *Natur* (Leipzig) 3: 117-119, 2 figs. [*Ageronia* spp.; South America]
- [1924]. *Schmetterling, liebes, luft'ges, leichtes Ding! Plaudereien und Betrachtungen für Freunde der Falterwelt*. Guben, Albert Koenig. [iv] + 199 pp. [general]
1936. Erinnerungen an São Paulo. *Entomologische Zeitschrift* 49(23): 477-480, 1 fig. (1 February) [general; Brazil]
1937. Schmetterlingsleben auf den Galápagos-Inseln. *Entomologische Rundschau* 54(15): 165-168 (15 January) [general; ecology]
1940. *Clothilda* (Lep. Rhopal.). *Entomologische Zeitschrift* 54(23): 181-184 (20 November) [general; Neotropics]
- Stephen, Carolyn, and Ragde Sánchez**
2014. Species richness and relative species abundance of Nymphalidae (Lepidoptera) in three forests with different perturbations in the North-Central Caribbean of Costa Rica. *Revista de Biología tropical* 62(3): 919-928, 4 figs., 3 tabs. (September; published online 1 September) [general]
- Stephens, Clyde Schubert [1934- ]**
1992. Control natural de las plagas del banano en algunas plantaciones de Centroamérica. *Ceiba* 33(1)(A): 7-12 (June) [general]
- Stephens, Dale N.**
2002. See Starr, C. K. et al., 2002.
- Stephens, James Francis [1792-1852]**
- 1827-28. *Illustrations of British Entomology; or, a synopsis of indigenous insects: containing their generic and specific distinctions; with an account of their metamorphoses, times of appearance, localities, food, and economy, as far as practicable. Haustellata. I.* London, Baldwin and Cradock. (1): pp. [2] + 1-56, pls. 1-9 (1827), (2): pp. 57-150 + [2] , pls. 10-12 (1828) [new species: *Pamphila bucephalus*]
- Stephensen, Knud Hensch [1882-1947]**
1925. Om udviklingen af *Anosia menippe*. *Entomologiske Meddelelser* 14(9/10): 458-459 (6 May) [life history; St. Thomas]
- Steppan, Scott J.**
2000. Flexural stiffness patterns of butterfly wings (Papilionoidea). *Journal of Research on the Lepidoptera* 35: 61-77, 6 figs., 1 tab. (15 March) [general; biomechanics]
- Sternberg, Eleanore D.**
2012. See Lyons, J. I. et al., 2012.
- Sternberg, Eleanore D., Thierry Lefèvre, Amanda H. Rawstern and Jacobus C. de Roode**
2011. A virulent parasite can provide protection against a lethal parasitoid. *Infection, Genetics and Evolution* 11(2): 399-406, 5 figs. (March; published online 9 December 2010) [*Danaus plexippus* (Linnaeus); host plant; parasitoid; Mexico]
- Sternburg, James Gordon [1919-2014]**
1976. See Waldbauer, G. P. & J. G. Sternburg, 1976.
1983. See Waldbauer, G. P. & J. G. Sternburg, 1983.
- Sterrer, Wolfgang**
1998. How many species are there in Bermuda? *Bulletin of*

*marine Science* 62(3): 809-840, 1 tab. (May) [general]

**Sterry, Paul**

1995. *Butterflies & moths. A portrait of the animal world*. New York, Smithsonian Publishers Inc. 80 pp., figs. [general]

**Stevens, Bruce R.**

2011. See Lewis, D. S. et al., 2011.

**Stevens, Martin**

2005. The role of eyespots as anti-predator mechanisms, principally demonstrated in the Lepidoptera. *Biological Reviews* (Cambridge) 80(4): 573-588, 4 figs. (November; published online 8 July) [general]

2012. See Merrill, R. M. et al., 2012.

2016. See Dell'Aglio, D. D. et al., 2016b.

2017. See Cuthill, I. C. et al., 2017.

2018. See Dell'Aglio, D. D. et al., 2018.

**Stevens, Michael, and Georg Waldmann**

2001. Animal biodiversity of the Lesser Antillean Island of Montserrat (British West Indies): An annotated checklist of terrestrial and freshwater animals. Including a list of endemic animal species and a zoological bibliography. *Archiv zoologischer Publikationen* 6: [viii] + 145 pp., figs., 1 tab. [general]

**Stevens, Richard D.**

2019. See Ray, D. A. et al., 2019.

**Stevens, Virginie M.**

2011. See Legrand, D. et al., 2011.

**Stevenson, C. W.**

1964. Colour in the tropical Lepidoptera. *Entomologist* 97(1219): 281-284 (5 December) [general]

1966. Colours of tropical Lepidoptera. *Entomologist* 99(1240): 223-224 (21 September) [general]

**Stevenson, Robert D.**

2004. See Haber, W. A. & R. D. Stevenson, 2004.

**Stevenson, Robert D., and William A. Haber**

2000a. *Migration of butterflies through Monteverde*, pp. 118-119. In: Nadkarni, N. M. & N. T. Wheelwright (Eds.), *Monteverde. Ecology and conservation of a tropical cloud forest*. New York, Oxford University Press. [general; Costa Rica]

2000b. *Manataria maculata (Nymphalidae: Satyrinae)*, pp. 119-120. In: Nadkarni, N. M. & N. T. Wheelwright (Eds.), *Monteverde. Ecology and conservation of a tropical cloud forest*. New York, Oxford University Press. [host plant; behavior; Costa Rica]

**Stewart, Kenneth W.**

2004. See Petr, D. & K. W. Stewart, 2004.

**Stewart, Paul**

1982. Breeding the *Aristolochia* feeding papilionids (Troidini tribe). *Bulletin of the amateur Entomologists' Society* 41(337): 174-178, 1 fig. (November) [general]

**Stichel, Hans Ferdinand Emil Julius [1862-1936]**

1893. [Notes]. *Berliner entomologische Zeitschrift* 37(4): (13)-(14) (mid May) [general; Brazil, Colombia]

1894a. Ueber columbische *Panacea*-Arten. *Berliner entomologische Zeitschrift* 39(1): 197-198 (late May) [general]

1894b. [Notes]. *Berliner entomologische Zeitschrift* 39(2): (2)-(3), (12), (15) (mid July) [genera; Colombia, Brazil]

1894c. Morphologisches. *Berliner entomologische Zeitschrift* 39(2): 239-240, 1 fig. (mid July) [*Morpho menelaus* (Linnaeus); Colombia]

1895. [Notes]. *Berliner entomologische Zeitschrift* 40(2): (3)-(5), (9)-(10), (12), (18) (mid July) [general; Colombia]

1897a. [Notes]. *Berliner entomologische Zeitschrift* 42(1/2): (2), (11)-(12), (18)-(21) (mid November) [general; Colombia, Brazil, Ecuador, Central America]

1897b. See Thieme, T. A. O. & H. F. E. J. Stichel, 1897.

1898. [A note]. *Berliner entomologische Zeitschrift* 43(1/2): (6)-(7), (12), (17) (mid November) [general; South America]

1899a. *Heliconius nanna* n. sp. Vorläufige Diagnose. *Entomologische Zeitschrift* 12(19): 143 (1 January) [Brazil]

1899b. Neue *Heliconius* aus Süd-Brasilien. *Entomologische Nachrichten* 25(2): 28-30 (January) [*H. nanna* Stichel, *H. phyllis* aberration *artifex*; Paraguay]

1899c. [A note]. *Insekten-Börse* 16(9): 52 (2 March) [also in *Berliner entomologische Zeitschrift* 45(1/2): (12) (early August 1900)] [*Heliconius cythera* (Hewitson), *H. cyrbia* (Godart); Ecuador]

1899d. Neue *Catonephelen*, vorläufige Diagnosen. *Berliner entomologische Zeitschrift* 43(3/4): 415-418 (early May) [general; *Catonephele orites*, *C. acontius exquisitus*, *C. numilia neogermanica*; Colombia, Brazil, Paraguay]

1899e. [A note]. *Insekten-Börse* 16(20): 118 (18 May) [also in *Berliner entomologische Zeitschrift* 45(1/2): (25)-(26) (early August 1900)] [*Papilio warscewiczii* Hopffer, *P. w. jelskii* Oberthür; Bolivia]

1899f. [A note]. *Insekten-Börse* 16(22): 129-130 (1 June) [also in *Berliner entomologische Zeitschrift* 45(1/2): (28)-(29) (early August 1900)] [*Papilio, Lycorea*; mimicry; Colombia, Bolivia, Peru]

1899g. [A note]. *Berliner entomologische Zeitschrift* 44(1/2): (11)-(12) (mid July) [*Heliconius* spp.; Brazil]

1899h. [A note]. *Berliner entomologische Zeitschrift* 44(1/2): (13) (mid July) [*Pyrameis* spp.; Neotropics]

1899i. [Notes]. *Berliner entomologische Zeitschrift* 44(1/2): (8), (11)-(13) (mid July) [general]

1899j. [A note]. *Berliner entomologische Zeitschrift* 44(1/2): (20) (mid July) [*Catonephele* spp.]

1899k. Zur Etymologie des Gattungsnames *Nessaea* Hbn. ein Ergänzungswort zu den "Kritischen Bemerkungen I", Seite 1-47 dieses Heftes. *Berliner entomologische Zeitschrift* 44(1/2): (31) (mid July)

1899l. Kritische Bemerkungen über die Artberechtigung der Schmetterlinge I. *Catonephele* et *Nessaea* Hbn. *Berliner entomologische Zeitschrift* 44(1/2): 1-47, pl. 1, 5 figs. (mid July) [general; South America]

1899m. *Oreogenes*, eine neue Neotropiden-Gattung. *Berliner entomologische Zeitschrift* 44(3/4): 321-323 (mid December) [Colombia, Panama, Costa Rica]

1900a. Variation und Gynandromorphismus bei *Chlorippe vacuna* God. *Berliner entomologische Zeitschrift* 45(1/2): 146-148, pl. 2, fig. 1 (early August) [*C. v. new* aberration *cretacea*; Brazil, Paraguay]

1900b. [A note]. *Berliner entomologische Zeitschrift* 45(3/4): (36) (mid December) [*Anaea* spp.; Mexico, Panama, Nicaragua, Colombia, Guatemala]

1900c. [A note]. *Berliner entomologische Zeitschrift* 45(3/4): (43) (mid December) [Ithomiinae, *Papilio* spp.; Colombia, Panama]

1900d. [A note]. *Berliner entomologische Zeitschrift* 45(3/4): (45) (mid December) [*Tithorea harmonia* (Cramer), *Chlorippe cyane* (Latreille); Paraguay, Panama]

1900e. [A note]. *Berliner entomologische Zeitschrift* 45(3/4): (56)-(57) (mid December) [*Chlorippe vacuna* (Godart); Paraguay]

1900f. See Thieme, T. A. O. & H. F. E. J. Stichel, 1900.

1901a. [A note]. *Berliner entomologische Zeitschrift* 46(1): (3)-(4) (mid June) [general; South America]

1901b. Zur Synonymie einiger Arten der Gattung *Catonephele* Hbn. *Berliner entomologische Zeitschrift* 46(1): 1-4, pls. 1-2 (mid June) [general; new taxa: *C. chromis*

- female aberration *columbana*, *C. godmani*; Central America, Venezuela, Colombia, Bolivia]
- 1901c. [A note]. *Berliner entomologische Zeitschrift* 46(2/3): (17) (September) [general; Neotropics]
- 1901d. [Notes]. *Berliner entomologische Zeitschrift* 46(2/3): (19), (30) (September) [general; Paraguay, Panama]
- 1901e. [A note]. *Insekten-Börse* 18(42): 332-333 (17 October) [also in *Berliner entomologische Zeitschrift* 47(1/2): (12)-(13) (early August 1902)] [*Heliconius*]
- 1901f. [A note]. *Insekten-Börse* 18(47): 373 (21 November) [also in *Berliner entomologische Zeitschrift* 47(1/2): (18)-(19) (early August 1902)] [*Heliconiinae*]
- 1901g. [A note]. *Insekten-Börse* 18(50): 397 (12 December) [also in *Berliner entomologische Zeitschrift* 47(1/2): (21)-(22) (early August 1902)] [*Opsiphanes tamarindi* Felder & Felder; larva, pupa; Ecuador]
- 1901h. [A note]. *Insekten-Börse* 18(52): 413 (26 December) [new taxa: *Selenophanes supremus*, *S. cassiope andromeda*, *Catoblepia* (new genus) *dohrni*, *C. versitincta*, *Ooptera aorsa hilaris*, *O. arsippe bracteolata*; Ecuador, Bolivia, Surinam, French Guiana]
- 1902a. [A note]. *Insekten-Börse* 19(7): 53 (13 February) [also in *Berliner entomologische Zeitschrift* 47(1/2): (27)-(28) (early August 1902)] [*Heliconius phyllis* (Fabricius); Brazil, Paraguay]
- 1902b. Aufteilung der Gattung *Opsiphanes* Westw., Beschreibung neuer Brassoliden und synonymische Notizen. *Berliner entomologische Zeitschrift* 46(4): 487-524, pls. 8-9 (mid February) [general; *Ooptera syme fumosa*, *Catoblepia orgetoryx magnalis*, *C. berecynthius luxuriosus*, *C. b. velatus*, *C. generosa*, *Selenophanes cassiope amplior*, *S. josephus excultus*, *Opsiphanes catharinae*, *O. tamarindi tamarindi* aberration *spadix*, *O. quiteria quaestor*, *O. q. bolivianus*, *O. badius*, *O. sallei mutatus*, *O. invirae intermedius*, *O. cassina aequatorialis*, *O. c. chiriquensis*, *O. c. merianae*, *Brassolis sophorae luridus*, *B. s. vulpeculus*, *B. haenschii*, *B. granadensis*; Mexico, Central and South America]
- 1902c. [A note]. *Insekten-Börse* 19(8): 61 (20 February) [also in *Berliner entomologische Zeitschrift* 48(1/2): (1) (early May 1903)] [*Morpho achillides* C. Felder & R. Felder; Paraguay]
- 1902d. Betrachtungen über Ch. Oberthür's Etudes d'Entomologie vol. 21 und über die Synonymie von *Papilio* (*Heliconius*) *erato* Linné. *Berliner entomologische Zeitschrift* 47(1/2): 147-152 (early August) [general]
- 1902e. [A note]. *Insekten-Börse* 19(45): 355 (6 November) [also in *Berliner entomologische Zeitschrift* 48(1/2): (14)-(16); early May 1903] [*Heliconius timareta* new aberration *virgata*; Ecuador]
- 1903a. Synonymisches Verzeichniss bekannter *Eueides*-Formen mit erläuternden Bemerkungen und Neubeschreibungen. *Berliner entomologische Zeitschrift* 48(1/2): 1-34, pl. 1 (early May) [general; *E. dianasa* aberration *decolorata*, *E. isabella hippolinus* aberration *margaritifera*, *E. i. h.* aberration *personata*, *E. i. h.* aberration *brunnea*, *E. i. seitzii*, *E. i. dissoluta*, *E. i. pellucida* aberration *vegetissima*, *E. i. hubneri* aberration *spoliata*, *E. i. arquata*, *E. cleobaea zorcaon* aberration *adusta*, *E. lampeto* aberration *fuliginosa*, *E. l.* aberration *amoena*, *E. l.* aberration *carbo*, *E. edias luminosus*, *E. vibilia* female aberration *pallens*, *E. v. vialis*, *E. v. vicinalis*, *E. aliphera gracilis*, *E. thales heraldicus*, *E. t. surdus*, *E. t. s.* aberration *aquilifer*, *E. eanes* aberration *eanides*, *E. e.* aberration *farragosa*, *E. e.* aberration *aides*, *E. e.* aberration *riffarthi*, *E. e.* aberration *felderii*, *E. e.* aberration *pluto*; Neotropics]
- 1903b. [A note]. *Insekten-Börse* 20(21): 165 (21 May) [also in *Berliner entomologische Zeitschrift* 49(3/4): (7) (mid April 1905)] [*Eueides*]
- 1903c. [A note]. *Insekten-Börse* 20(36): 285 (3 September) [also in *Berliner entomologische Zeitschrift* 49(3/4): (18); mid April 1905] [new species: *Tithorea regalis*; Colombia]
- 1903d-04a. Brassolidarum novarum descriptio ad tempus proposita. *Insekten-Börse* 20(49): 389 (3 December 1903); 21(1): 6 (1 January 1904), (3): 21 (14 January 1904) [*Brassolis sophorae ardens*, *B. haenschii maritimus*, *Eryphanis reevesii pusillus*, *Caligo teucer japetus*, *C. illioneus polyxenus*, *C. eurilochus andicolens*, *C. e. morpheus*, *C. e. caesius*, *C. bellerophon*, *C. oedipus*, *C. oileus umbratilis*, *Opsiphanes sallei farrago*, *Narope albopunctum*, *N. panniculatus*, *Brassolis astyra philocala*, *Dynastor darius ictericus*, *Dasyophthalma rusina principesa*, *D. creusa baronesa*, *Opsiphanes tamarindi corrosus*, *O. t. incolumis*, *O. cassina notanda*, *Caligo fruhstorferi*, *C. teucer insulanus*; Central and South America, West Indies]
- 1904b. Identifizierung einiger verkannter oder nach den Diagnosen schwer zu erkennender Typen Felders und Boisduval aus der Familie der Brassolidae. *Insekten-Börse* 21(25): 197 (16 June), (26): 203-204 (23 June), (27): 211-212 (30 June) [general; Neotropics]
- 1904c. Lepidoptera Rhopalocera. Fam. Nymphalidae. Subfam. Brassolinae. *Genera Insectorum* 20: 1-48, 5 pls. ([November]) [general; new taxa: *Opsiphanes bassus* form *oculata*, *O. cassiae cassiculus*, *O. c. castaneus*, *O. c. rubigatus*, *O. invirae cuspidatus*, *O. i. amplificatus*, *Catoblepia xanthicles belisar*, *Eryphanis polyxena novicia*, *Caligo memnon peleus*, *C. idomeneus rhoetus* form *marsus*, *C. oedipus oedipus* form *nocturnus*; Neotropics]
- 1906a. Zur Nomenklaturfrage. *Entomologische Zeitschrift* 19(33): 189-190 (1 February), (34): 199-200 (15 February) [general]
- 1906b. Lepidoptera Rhopalocera. Fam. Nymphalidae. Subfam. Heliconiinae. *Genera Insectorum* 37: 1-74, figs. 1-7, pls. 1-3 ([26 May]) [general; new taxa: *Heliconius ismenius* form *immoderata*, *H. numatus praelautus*, *H. silvana mirificus*, *H. novatus subnubilus*, *H. n. obscurior*, *H. cydno broncus*, *H. melpomene aglaope* form *rubra*, *H. m. riffarthi*, *H. m. r.* forma *rubescens*, *H. vulcanus cythera* form *concinna*, *H. aoede cupidineus*, *H. doris caeruleatus*, *H. d. viridis* form *viridana*, *H. sara fulgidus*, *H. erato estrella* form *palmata*, *H. e. e.* form *agnata*, *H. e. diva*, *Eueides lampeto copiosus*; Neotropics]
- 1906c. Neue Brassoliden der Pariser Museums. *Entomologische Zeitschrift* 20(29): 209-210, 1 fig. (1 December), (30): 217 (15 December) [general; *Brassolis ornamentalis*, *Catoblepia berecynthia adjecta*, *C. amphirhoe* form *placita*; Brazil, Bolivia]
- 1906d. [A note]. *Insekten-Börse* 23(52): 208 (27 December) [general; Colombia, Bolivia, Ecuador, Peru]
- 1907a. Literatur. *Berliner entomologische Zeitschrift* 51(2/3): 235-238 (late February) [review of Rothschild & Jordan's *A Revision of the American Papilios*; 1906]
- 1907b. Lepidopteroologische Miscellen. *Entomologische Zeitschrift* 21(8): 52-53, 1 fig. (24 May) [*Dione juno* (Cramer); relationship with orchids; Colombia]

- 1907c. Kommentar zum Artikel: Röber, Neue Brassoliden im Jahrgang XXI, p. 18-21 und 27-28 dieser Zeitschrift. *Societas entomologica* 22(12): 92-93 (15 September), (13): 98-101 (1 October) [general]
- 1908a. Totgeburten in der Familie Brassolidae (Lep., Brassol.). *Internationale entomologische Zeitschrift* 1(45): 341-343 (8 February) [general; Central and South America]
- 1908b. [Notes]. *Berliner entomologische Zeitschrift* 52(2): (5)-(7) (early March) [general; new subspecies: *Colaenis euchroia mellosa*; Mexico, Central and South America]
- [1908]c. Lepidoptera Rhopalocera. Fam. Nymphalidae. Subfam. Dioninae. *Genera Insectorum* 63: 1-38, 3 pls. ("15 April 1907", [17 March 1908]) [general; new taxa: *Metamandana*, *Colaenis iulia titio*, *C. i. delila* form *moderata*, *C. i. cillene* form *nudeola*, *C. phaetusa* form *stupenda*, *C. p.* form *deleta*, *C. p.* form *lutulenta*, *Dione vanillae catella*, *D. v. maculosa*, *D. moneta butleri*, *D. glycera gnophota*; Neotropics]
- 1908d. Brassoliden-Studien. *Berliner entomologische Zeitschrift* 52(3): 160-179 (early May) [general; new taxa: *Dynastor macrosiris pharnaces*, *Opsiphanes zelotes zelus*, *Oopoptera aorsa fuscata*, *Caligo idomeneus superba* form *praecana*; Central and South America]
- 1908e. Zwei neue Formen der Gattung *Heliconius*. Nachtrag. *Berliner entomologische Zeitschrift* 52(4): 214-215 (late August) [general; Peru, Ecuador]
- 1908f. *Catoblepia berecynthia midas*, eine neue Brassolidae. *Societas entomologica* 23(11): 83 (1 September) [Ecuador]
- 1908g. Merkwürdige Anomalien bei südamerikanischen *Papilio*-Arten. *Berliner entomologische Zeitschrift* 53(2): 198-201, 2 figs. (mid December) [*P. agesilaus* Guérin-Méneville, *P. glaucolaus* Bates; Colombia]
- 1908h. Corrigenda und Addenda zu jüngeren Benennungen südamerikanischer Rhopaloceren. *Internationale entomologische Zeitschrift* 2(38): 237-238 (19 December), (39): 241-243 (26 December) [general; new subspecies: *Archonias critias rubrosparsa*; Central and South America]
- 1909a. Beschreibung einiger neuer Heliconiidae. *Societas entomologica* 23(23): 178-179, 2 figs. (1 March) [general; *Heliconius melpomene timareta* form *peregrina*, *Eueides tales calathus*, *E. ricini insulanus*; Ecuador, Guyana, Brazil, Venezuela, Trinidad]
- 1909b. [A note]. *Entomologisches Vereinsblatt* 26(6): 11 (15 March) [also in *Berliner entomologische Zeitschrift* 54(1/2): (53)-(54) (early August) [general; new subspecies: *Hades hecamede haematites*, *H. e. avicula*; Colombia, Panama, Ecuador]
- 1909c. Vorarbeiten zu einer Revision der Riodinidae Grote (Erycinidae Swains.) (Lep. Rhop.). *Berliner entomologische Zeitschrift* 53(3/4): 254-275 (early April) [general; new taxa: *Lymnas melliplaga*, *Xenandra helius cruentata*, *Phanara phereclus lemznscata* form *comes*, *P. aureizona* form *ornata*, *P. thymele*, *Melanis agyrtus praxinus*, *M. a. sestus*, *Leucochimona* (new genus) *iphias*; Mexico, Central and South America]
- 1909d. Brassolidae. *Das Tierreich* 25: xiv + 244 pp., 46 figs. (May) [general; *Caligo memnon menes* new form *diluta*; Neotropics]
- 1909e. Vorarbeiten zu einer Revision der Riodinidae Grote (Erycinidae Swains.). *Berliner entomologische Zeitschrift* 54(1/2): 1-48 (early August) [general; new taxa: *Teratophthalma*, *Mesosemia calypso cyanira*, *M. synnephis*, *M. scotina*, *M. lacernata*, *M. philocles egabella* form *bettina*, *M. thymetus umbrosa*, *M. subtilis* *M. materna*, *M. impedita*, *M. judicialis testis*, *M. j. latissima*, *M. nympharena*, *M. naiadella*, *M. n. dryadella*, *M. nerina*, *M. sirenia*, *M. hypermegala*, *M. chionodes*, *M. mennonia*, *M. bifasciata glaucoma*, *M. suspiciosa*, *M. destituta*, *M. mevania mevania* form *munda*, *M. m. mimallonis*, *M. m. magnessa*, *M. loruhama loruhama* form *adelphina*, *M. l. candara* form *syntrepha*, *M. l. c. female* form *aesthetica*, *M. asa asopis*, *M. a. mycene*, *Rhetus arcuis castigatus*, *R. a. amycus*, *Ancyluris meliboeus phonia*, *A. etias* form *rubrofilium*, *A. silvicultrix*, *A. aulestis lamprotaenia*, *A. a. eryxo* form *vastata*, *A. a. jocularis*, *Siseme alectryo spectanda*, *Barbicornis mona* form *moneta*, *B. melanopa* form *apotacta*, *Hyphilaria parthenis tigrinella*, *H. p. virgatula*, *Anteros formosus stramentarius*, *A. f. maculosus*, *A. f. lectabilis*, *A. acheus troas*, *A. kupris aureocultus*, *A. allectus cumulatus*; Neotropics]
- 1910a. [A note]. *Berliner entomologische Zeitschrift* 55(1/2): (25) (early September) [*Anaea* spp.; Colombia, Panama]
- 1910b. Vorarbeiten zu einer Revision der Riodinidae Grote (Erycinidae Swains.) (Lep. Rhop.). *Berliner entomologische Zeitschrift* 55(1/2): 9-103 (early September) [general; new taxa: *Anteros formosus* form *theleia*, *A. kupris aureocultus*, *Amarynthis meneria meneria* form *conflata*, *A. m. stenogramma*, *Argyrogramma* (new genus) *occidentalis placibilis*, *Melanope monotona*, *Chalodeta* (new genus) *panurga*, *Charmona* (new genus) *aphanis*, *C. xanthosa*, *C. cadytis acroxantha*, *Chamaelimnas doryphora*, *Caria castalia tabrenthia* form *philema*, *Sarota chrysus* form *polypoecila*, *S. c. neglecta*, *Echenais hemileuca hemileuca*, *E. alector alector* male form *glaucobrithis*, *E. a. asemna*, *E. sejuncta*, *E. charessa*, *E. penthea penthides*, *E. p. nitelina*, *E. p. echion*, *E. p. nilios*, *Emesis lucinda opaca*, *E. l. castigata*, *E. fatima nobilita*, *E. russula*, *E. tenedia ravidula*, *Hamearis epulus propitia*, *H. e. signata*, *H. aurinia incana*, *H. a. gauchoana*, *H. notialis*, *H. cinerica*, *H. guttata*, *Lyropteryx terpsichore zygaena*, *Phaenochitonina* (new genus) *sagaris tyriotes* form *majorina*, *P. s. t.* form *matronalis*, *P. vittata*, *Cariomothis* (new genus) *eythromelas erythraea*, *C. erotylus*, *Notheme eumeus angellus*, *N. e. agathon* form *hemicosmeta*, *N. e. diadema*, *Parcella*, *Calociasma*, *Nymphidium caricae carissima*, *N. c. carmentis*, *N. lisimon erythraicum*, *N. l. plinthobaphis*, *Nymula phillone paulistina*, *N. brennus*, *N. b. manius*, *Orimba epitus epitus* female form *cephisa*, *O. e. epiphanis*, *O. e. paroemia*, *O. epilecta*, *Polystichtis luciana concinna*, *P. andraemon*, *Symmachia hesione*, *S. multesima*, *S. stigmosissima*, *S. virgatula*, *S. virgaurea*, *S. falcistriga*, *S. histrica*, *Theope eudocia pulchralis*, *T. e. acosma*, *Thisbe irenea belides*, *T. i. atlantis*, *T. molela pallis*, *Anatole zygia baroptenosa*, *A. z. peristera*, *Imelda glaucosmia terpna*, *Perophthalma tullius lasius*, *Napaea agroeca*, *Ancyluris etias gracilis*, *A. e. melior*, *A. eudaemon*, *A. aulestes* form *aulica*, *A. a. eryxo* form *insolita*, *A. pomposa*, *Calephelis fulmen*; Neotropics]
- 1910c. Fam. Riodinidae. Allgemeines. Subfam. Riodininae. *Genera Insectorum* 112A: 1-238, pls. 1-23 ([31 December]) [general; new taxa: *Leucochimona philemon polita*, *Semomesia capanea ionima*, *S. tenella*, *S. aetherea*, *Mesosemia metura polyglauca*,

- M. blandina*, *M. dulcis*, *M. eugenea*, *M. calypso tenuivittata*, *M. minos modica*, *M. luperca*, *M. coea lato*, *M. vaporosa*, *M. metope pruinosa*, *M. ahava veleda*, *M. jeziela thyene*, *M. modulata*, *M. magete bersabana*, *M. latizonata dealbata*, *M. gertraudis*, *M. myrmecias*, *M. hedwigis*, *M. amarantus*, *M. odice cymatodis*, *M. cymotaxis*, *M. thyas*, *M. zorea toparcha*, *M. praeculta*, *M. tetrica*, *M. junta*, *M. lapillus*, *M. ulrica ulrica* female form *lamprosa*, *M. eumene furia*, *M. e. erinnya*, *Eurybia nicaea erythinos*, *E. cyclopia*, *E. molochina*, *E. m.* form *diffusa*, *E. hyacinthina*, *E. lamia lamia* form *lauta*, *E. l. fulgens*, *E. dardus misellivestis*, *E. d. annulata*, *E. d. rubeolata*, *E. promota*, *E. halimede stellifera*, *E. elvina*, *Voltinia* (new genus) *radiata dentata*, *V. theata*, *Hermathena candidata columba*, *Teratophthalma axilla vegeta*, *T. lactifusa*, *T. marsena polyplusia*, *T. monochroma*, *Napaea eucharila eucharila* form *frustatoria*, *N. e. picina*, *N. e. p.* form *rufolimbata*, *N. nepos tanos*, *N. theages asteria*, *Cremna thasus subrutila*, *Lyropteryx apollonia apollonia* form *canens*, *L. a. diana*, *L. diadocis*, *Cyrenia martia androgyne*, *Ancyluris mira* form *triglitis*, *A. thaumasia*, *A. miranda xanthozona*, *Rhetus periander naevianus*, *R. p. eleusinus*, *Chorinea faunus orchestris*, *C. sylphina terpsichore*, *C. s. gratiosa*, *Nahida serena*, *Ithomeis astrea delecta*, *Themone pais eutacta*, *T. p. paidion*, *T. p. storthynga*, *Monethe albertus albertus* form *leucobalia*, *M. a. nesotopus*, *M. rudolphus paraplesius*, *Paraphthonia*, *Colaciticus*, *Metacharis regalis* female form *rabulana*, *M. xanthocraspedum*, *Lepricornis ochracea*, *L. teras*, *L. atricolor stygialis*, *Chamaelimnas villagomes xanthotaenia*, *C. cydonia*, *Charmona aerigera*, *Chalodeta theodora stilbos*, *Compnotis*, *Baeotis hisbon expleta*, *B. capreolus*, *B. johannae truncata*, *B. creusis* form *creusina*, *Lasia scotina*, *Riodina lysippus lysias*, *R. lycisca* form *infirmata*, *R. l.* form *refracta*, *R. lysimachus*, *Lymnas xarifa quadripunctata*, *L. x. impunctata*, *L. pixe sanguinea*, *L. vidali laticlavata*, *L. iarb*, *L. i. auriferax*, *L. pronostriga*, *L. albugo*, *L. a.* form *impura*, *L. leucophlegma*, *L. aegates cretipleaga*, *L. erythrus xeniades*, *L. e. x.* form *depompata*, *L. ambryllis dialeuca*, *L. thyatira phlegontis*, *L. crenitaenia*, *L. c. c.* form *signata*, *L. c. corvina*, *L. assimulata*, *L. seleukia*, *Lucilla aterra pomposa*, *Mesene pullulla*, *M. epaphus sertata*, *M. icterias*, *M. martha verecunda*, *M. pyrippe sanguilenta*, *M. mulleola*, *M. eromena*, *M. sardonys*, *M. nepticula stigmosa*, *Xenandra vulcanalis*, *Xynias cynosema hyalodis*, *Esthemopsis poliotactis*, *Symmachia menetas pilarius*, *S. technema*, *Pterographium* (new genus) *aphaniodes*; Neotropics]
- 1911a. Fam. Riodinidae. Allgemeines - Subfam. Riodininae. *Genera Insectorum* 112B: 239-452, pls. 24-27 ([15 June]) [general; new taxa: *Phaenochitonia pluto*, *P. bocchoris suavis*, *Argyrogramma nurtia*, *A. physis*, *A. p. phyton*, *A. trochilia leptographia*, *Charis gyas* female form *lasciva*, *C. psaros psaronius*, *Anteros cruentatus*, *A. renaldus indigator*, *A. r. notius*, *Callistium*, *Emesis cypria capnodis*, *Siseme pallas xanthogramma* form *albescens*, *Pachythone ignifer*, *P. thaumaria*, *Ematurgina bifasciata ochrophlegma*, *E. leucotopus*, *E. l. emphatica*, *Zabuella*, *Dinoplotis* (new genus) *orphana*, *Elaphrotis*, *Imelda aenetus leucophryne*, *Tharops menander thallus*, *T. clotho*, *Pandemos palaeste salvator*, *Dysmathia glaucoconia*, *Polystichtis emylius emyliana*, *P. e. crispinella*, *P. asteria*, *P. zeanger gyges*, *P. arachne*, *P. laobata simplaris*, *P. caligata*, *P. latona delia*, *Catocyclotis*, *Anatole leucogonia*, *Echenais aristus cretata*, *E. hubneri pauxilla*, *E. hemileuca epixanthe*, *E. zerna* female form *luteonaevia*, *Thysanota*, *Orimba rhodinos*, *O. megalia*, *Theope comosa*, *Peplia lamis caucana*, *Nymula titia ariadne*, *N. praeclara magnifica*, *N. agle agle* form *furva*, *N. a. dirca*, *Calociasma pulcherrima comparata*, *Nymphidium lisimon hesperinum*, *N. leucosia ninias* form *galactina*, *N. mantius* form *thryptica*, *Stalactis calliope calliope* form *crocata*, *S. c. voltumna*; Neotropics]
- 1911b. [A note]. *Berliner entomologische Zeitschrift* 56(1/2): (14)-(15) (late August) [Riodinidae; *Ithomeis astrea delecta* Stichel; Peru, Venezuela, Brazil]
- 1912a. Zwei neue Formen von *Heliconius hermathena* Hew. *Internationale entomologische Zeitschrift* 6(1): 1-2 (6 April) [general; *H. h.* form *vereatta*, *H. h.* form *hydarina*; Brazil]
- 1912b. [A note]. *Berliner entomologische Zeitschrift* 57(1/2): (34) (mid November) [*Nahida* spp., *Ithomeis* spp.; Ecuador]
- 1914a. Riodinidae (Erycinidae) als Blumenbesucherinnen (Lep., Rhop.). *Zeitschrift für wissenschaftliche Insektenbiologie* 10(3): 112 (15 March) [general; behavior; Paraguay]
- 1914b. Neubeschreibung von Riodinidae (Erycinidae) der Sammlung des Deutschen Entomologischen Museums und Bemerkungen zu bekannten Arten (Lep.). *Entomologische Mitteilungen* 3(4): 118-122 (1 April) [general; *Symmachia cribrellum*, *Echenais virgo*, *Nymphidium lisimon velatum*; Bolivia, Peru, Brazil, Argentina, Paraguay]
- 1914c. [Notes]. In: Strand, E., *Lepidoptera Niepeltiana*. Leipzig, Urban & Co. 64 + [1] pp., pls. 1-12 ([May]) [general; *Stalactis calliope voltumna* new form *picturata*; Ecuador]
- 1914d. Lepidoptera Niepeltiana. Abbildungen und Beschreibungen neuer und wenig bekannter Lepidoptera aus der Sammlung W. Niepelt. *Internationale entomologische Zeitschrift* 8(22): 121-122 (12 September) [general; book review]
1915. Über Riodinidae des Britischen Museums und anschließende Betrachtungen. *Deutsche entomologische Zeitschrift* 1915(6): 657-700, pls. 20-23 (30 December) [general; new taxa: *Semomesia croesus lacrimosa*, *S. marisa gentilis*, *S. tenella optima*, *Mesosemia calypso amicula*, *M. hesperina lycorias*, *M. signata*, *M. visenda*, *M. tetropthalma*, *M. pinguilenta*, *M. metope unguolata*, *M. levis*, *M. zanoa orthia*, *M. philocles patruelis*, *M. jeziela limbata*, *M. naiadella naiadella* form *coenosa*, *M. n. oreas*, *M. n. o.* form *maesta*, *M. araeostyla*, *M. menoetes paetula*, *M. palatua*, *M. loruhama candara* female form *isis*, *M. messeis battis*, *M. anceps*, *M. steli gigantea*, *M. eurythmia*, *Eurybia halimede halimede* form *violaria*, *E. h. passercula*, *E. elvina emidiata*, *E. e. tephrias*, *Ithomiola cascella* form *florella*, *I. c. servilia*, *Teratophthalma marsidia* form *marigemina*, *T. coronata*, *Napaea theages cribralis*, *Cremna alector pupillata*; Central and South America]
- 1916a. Neues über Genus *Narope* Westw. *Neue Beiträge zur systematischen Insektenkunde* 1(1): 7-8 (1 January) [general; new taxa: *N. sutor*, *N. panniculus piccatus*; South America]
- 1916b. Nacharbeiten zur Revision der Riodinidae. *Deutsche entomologische Zeitschrift* 1916(1): 3-24 (1 April)

- [general; new taxa: *Eurybia dardus annulata* form *sannio*, *Teratophthalma phelina rubeola*, *Necyria westwoodi* form *obliterata*, *Ancyluris paetula*, *A. formosissima venerabilis*, *Chamaelimnas urbana*, *Caria trochilus arete* form *phayla*, *Mesene celetes ineptus*, *Emesis orichalceus*, *Polystichtis rhodope haemus*, *Echenais torquata*, *Hamearis epulus pasquita*, *H. philene*; Mexico, Central and South America]
- 1916c. Wenig bekannte *Catagramma* (Lep.-Rhop., Nymphal.). *Neue Beiträge zur systematischen Insektenkunde* 1(2): 15-16 (30 June) [general; Brazil, Peru, Ecuador]
- 1916d. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. I. *Zeitschrift für wissenschaftliche Insektenbiologie* 12(7/8): 163-169 (20 August), (9/10): 238-244 (25 October) [general; new taxa: *Mesene hya guttula*, *Panara trabalis*, *Phaenochitonias sagaris phrygiana*, *Emesis tenedia melancholica*; Neotropics]
- 1917a. Lepidoptera Niepeltiana. 2. Teil. Abbildungen und Beschreibungen neuer und wenig bekannter Lepidoptera aus der Sammlung W. Niepelt. 1916. *Internationale entomologische Zeitschrift* 11(1): 6-8 (7 April) [general; book review]
- 1917b. Über die Neubeschreibungen von Riodinidae in "Rhopalocera Niepeltiana". II. *Neue Beiträge zur systematischen Insektenkunde* 1(8): 57-59 (31 October) [general; synonymy; Colombia, Costa Rica, Panama, Nicaragua, Mexico]
1918. Nachtrag zu Genera Insectorum, Fasc. 63, Lepidoptera Rhopal. Fam. Nymphalidae, Subfam. Dioninae. *Neue Beiträge zur systematischen Insektenkunde* 1(10): 80 (20 April) [*Dione vanillae galapagensis* Holland; Galapagos]
- 1919a. Zur Frage der Verwandtschaftsverhältnisse einiger *Semomesia*-Arten (Lep.). (Nachtrag zu meinem Aufsatz "Über Riodiniden des Britischen Museums" in: *Deutsche Ent. Zeitschr.* 1915 p. 657.). *Deutsche entomologische Zeitschrift* 1919(1/2): 119-132 (1 July) [general]
- 1919b. Vorarbeiten zu einer Revision der Riodinidae Grote (Erycinidae Swains.) (Lep. Rhop.). IV. *Deutsche entomologische Zeitschrift* 1919(1/2): 161-171 (1 July) [general; new taxa: *Euselasia pellos*, *E. catapaecila emblema*, *E. c. hypocrita*, *E. zena* form *bellis*, *E. z.* form *frivola*, *E. orba spectralis*, *E. o. s.* form *lacteata*, *E. clithra jugata*, *E. hygenius eustola*, *E. h. occulta*, *E. cafusa janigena*; Costa Rica, South America]
- 1919c. Zyklus von Vorträgen über Riodinidae Grote (= Erycinidae Swains.). *Deutsche entomologische Zeitschrift* 1919(1/2): 217-222 (1 July) [general]
- 1919d. Anmerkungen und Zuträge zur Gattung *Heliconius* L. *Neue Beiträge zur systematischen Insektenkunde* 1(15): 119-120 (15 July) [general; new taxa: *H. pardalinus radiosus* form *colorata*, *H. amaryllis flagrans*, *H. a. euryades* form *rubrica*, *H. sara praesignis*, *H. hydarus hydarus* form *vitellina*; Peru, Venezuela, Guyana, Brazil, Trinidad]
- 1919e. Beitrag zur Kenntnis der Riodinidenpuppen (Lep., Rhopal.). *Zeitschrift für wissenschaftliche Insektenbiologie* 15(1/3): 41-43, 1 fig. (27 September) [general; Neotropics]
- 1919f. Vorarbeiten zu einer Revision der Riodinidae Grote (Erycinidae Swains.) (Lep. Rhop.). IV. *Deutsche entomologische Zeitschrift* 1919(3/4): 289-325 (1 November) [general; new taxa: *Euselasia mys lara*, *E. m. cytis*, *E. crinon*, *E. c. marica*, *E. arbas serapis*, *E. fabia marcida*, *E. gordios*, *E. midas crotopiades*, *E. m. kartopus*, *E. parca*, *E. pelusia*, *E. psammathe parmata*, *E. gelanor erilis*, *E. argentea faceta*, *E. hahneli fervidina*, *E. baucis*, *E. pellonia*, *E. authe copiosa*, *E. eucrates februlis*, *E. e. opimia*, *E. gyda gydina*, *E. eumithres*, *E. opalescens opigena*, *Methone cecilia caduca*, *M. c. magna* male form *metella*, *M. chrysomela eusebes*, *M. c. eurotias*, *Helicopsis cupido coria*, *H. c. gradiva*, *H. c. tersa*, *H. endymion* form *selene*, *H. acis* form *galatea*, *Hades hecamede hecate*; West Indies, Central and South America]
- 1919g. Biologie der Riodiniden. *Deutsche entomologische Zeitschrift* 1919(3/4): 413-415 (1 November) [general]
- 1919h. Demonstrationen der Riodiniden. *Deutsche entomologische Zeitschrift* 1919(3/4): 418-420 (1 November) [general; mimicry]
- 1920a. Horadimorphismus und individuelle Variationsfähigkeit der Riodiniden. *Deutsche entomologische Zeitschrift* 1920(1/2): 214-217 (1 May) [general; Central and South America]
- 1920b. [A note]. *Deutsche entomologische Zeitschrift* 1920(1/2): 236-238 (1 May) [general; Riodininae; *Euselasia eucardia*, *nomen nudum*; South America]
1922. Die Axillaris der Papilionidae. Eine Etngennung an Herrn F. Bryk. *Deutsche entomologische Zeitschrift* 1922(3): 332-336 (15 September) [general]
- 1923a. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. III. Minas Geraes. *Zeitschrift für wissenschaftliche Insektenbiologie* 18(1/2): 1-9, 5 figs. (1 February) [with notes by J. F. Zikán] [general; host plant; larva, pupa; new subspecies: *Baeotis creusa medea*; Brazil]
- 1923b. Berichtigung. *Zeitschrift für wissenschaftliche Insektenbiologie* 18(5/7): 144 (15 May) [general; Riodininae]
- 1923c. Kolumbische *Heliconius* (Lep., Rhop.). *Deutsche entomologische Zeitschrift* 1923(3): 260-270 (1 July) [general; new taxa: *H. aristiona euphorbus*, *H. amaryllis amaryllis* form *bellula*, *H. a. a.* form *permira*, *H. a. a.* form *degener*, *H. a. a.* form *anacreontica*, *H. a. a.* form *perrara*, *H. a. a.* form *rufata*, *H. a. a.* form *aglaspis*, *H. longareus eximius*, *H. metharme perseis*, *H. doris dialis*, *H. xanthocles melete* form *paranymphe*, *H. x. m.* form *explicata*, *H. primularis ceres*, *H. clysonymus perbellus*, *H. dignus*, *H. d.* form *discerpta*, *H. erato estrella* form *anactorina*, *H. e. e.* form *sanguinella*, *H. e. e.* form *perplexa*]
- 1923d. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. IV. Nord-Brasilien (Grao-Pará). *Zeitschrift für wissenschaftliche Insektenbiologie* 18(10/11): 268-283 (1 October), (12): 305-316 (15 December) [general; new taxa: *Mesosemia eugenea pythonica*, *M. jucunda*, *M. tenebricosa serenata*, *M. sirenia nitida*, *M. epidius evias*, *Lymnas boyi*, *Mesene epaphus sertata* form *genialis*, *M. phareus eristalis*, *M. p. e.* form *phareolus*, *M. p. e.* form *blandula*, *M. p. e.* form *ostenta*, *M. veleda*, *Phaenochitonias pyrophlegia*, *Nymula phylleus laodamia*, *N. p. orontes*]
- 1923e. *Napaea zikani*, nov. spec. (Lep., Riod.). *Neue Beiträge zur systematischen Insektenkunde* 2(20): 134 (15 December) [general; Brazil]
- 1924a. Zur Systematik der Riodinidae (Lep., Rhop.). *Neue Beiträge zur systematischen Insektenkunde* 3(1): 1-3 (20 February) [general; new taxa: *Esthemopsis inaria thyatira* male form *perfluxa*, *E. i. t.* female form *sarta*; Brazil; Bolivia]
- 1924b. R. Ferreira d'Almeida: Mélanges lépidoptérologiques. I. Etudes sur les lépidoptères du Brésil. 1922.



- Zeitschrift für wissenschaftliche Insektenbiologie* 19(2): 129 (20 February) [general; book review]
- 1924c. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas (Lep.). II. Kolumbien. *Deutsche entomologische Zeitschrift* 1924(2): 137-151 (15 April) [general; new taxa: *Mesosemia junta sidonia*, *Eurybia silaceana*, *Ancyluris aulestes pirene*, *Rhetus arcus pacificus*, *Nymphidium caricae parthenium*, *N. leucosia semiramis*]
- 1924d. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas (Lep.). V. Niederländisch Guayana. *Zeitschrift für wissenschaftliche Insektenbiologie* 19(6): 160-161 (15 June) [general]
- 1924e. Nacharbeiten zur Revision der Riodinidae II. (Lep.). *Deutsche entomologische Zeitschrift* 1924(5): 409-424 (30 November) [general; new taxa: *Semomesia tenella lucana*, *Mesosemia methion albata*, *Lyropteryx apollonia sparsa*, *Ancyluris aulestes micans*, *Barbiconis mona* form *monacha*, *Symmachia arion balluca*, *S. pardalia*, *S. fulvicauda*, *Anteros aerosus*; Neotropics]
- 1924f. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. VII. Nord-Brasilien (Amazonas). *Zeitschrift für wissenschaftliche Insektenbiologie* 19(10): 245-250 (30 December) [general; new taxa: *Euselasia artos ignitus*, *E. nannothis*, *E. ella terrea*, *E. praecipua*, *E. orfita eutychnus* form *truculenta*]
- 1925a. Zur Systematik der Brassolidae (Lep. Rhop.). *Neue Beiträge zur systematischen Insektenkunde* 3(7): 58-60 (20 January) [general; new subspecies: *Brassolis sophorae philomela*; Ecuador]
- 1925b. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. VII. Nord-Brasilien (Amazonas). *Zeitschrift für wissenschaftliche Insektenbiologie* 20(1): 14-18 (31 January), (2): 19-23 (28 February), (3): 53-56 (25 March), (4): 84-93 (30 April) [general; new taxa: *Euselasia cafusa cafusa* form *eunaeola*, *E. mys mys* form *zonaria*, *E. m. m.* form *crinina*, *E. m. m.* form *imbona*, *E. murina*, *E. phrygia*, *Mesosemia nora*, *Themone sublimata*, *Comphotis sinuata*, *Mesene bigemmis*, *M. boyi*, *Phaenochitonias sagaris amazonica*, *Emesis lucinda condigna*, *Orimba staudingeri*, *Nympha orestes orestes* form *cinerea*, *Stalactis lineata* form *boyi*]
- 1925c. Zur Systematik der Brassolidae (Lep. Rhop.). *Neue Beiträge zur systematischen Insektenkunde* 3(8/9): 61-69 (30 April) [general; new taxa: *Brassolis sophorae laurentii*, *Opsiphanes catharinae berchmansii*, *O. tamarindi tamarindi* form *mesomerista*; Mexico, Central and South America]
- 1925d. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. VI. *Zeitschrift für wissenschaftliche Insektenbiologie* 20(9/10): 256-264 (10 December) [general; new taxa: *Lymnas albugo limbata*, *Euselasia thucydides mutica*, *Nympha regulus attilius*, *Nymphidium leucarpis*; Brazil]
- 1926a. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. VIII. *Zeitschrift für wissenschaftliche Insektenbiologie* 21(4/5): 98-105 (31 May) [general; new taxa: *Lymnas aegates lilybaeus*, *Nymphidium acheris erymanthus* form *perixantha*; Brazil]
- 1926b. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas (Lep.). IX. *Deutsche entomologische Zeitschrift* 1926(2): 81-101 (20 June) [general; new taxa: *Mesosemia telegone caucana*, *M. wanda*, *M. mevania pacifica*, *M. m. p.* form *umbria*, *M. asa iphigenia*, *Eurybia donna* form *coronata*, *Methone chrysomela columbana*, *Eurybia nicea nicea* form *paulla*, *Teratophthalma phelina vicina*, *Pachythone conspersa*, *Theope mundula*, *Emesis zela aureola*; Colombia, Peru, Mexico]
- 1926c. Eine neue *Hamearis*-Art. *Revista de la Sociedad entomológica argentina* 1(1): 12-13 (30 June) [*H. hubrichi*; Argentina]
1927. Vorarbeiten zu einer Revision der Riodinidae Grote (Erycinidae Swains.) (Lep. Rhop.). V. *Deutsche entomologische Zeitschrift* 1926(5): 385-396 (25 January) [general; new taxa: *Euselasia euphyla*, *E. corduenna anadema*, *E. melaphaea condensa*, *E. pullata*, *E. gradata*, *E. decussis*, *E. portentosa*, *E. patella*, *E. odrysia*; Mexico, Central and South America]
- 1928a. Nacharbeiten zur Revision der Riodinidae (Lep.). III. *Zeitschrift für wissenschaftliche Insektenbiologie* 23(1/2): 35-46 (31 January) [general; new taxa: *Barbiconis mona* form *perfectissima*, *Calephelis irina*, *C. velutina pyritis*, *Emesis arnaxis*, *Dysmathia glaucina*, *Orimba xanthodesma*, *Euselasia alburna*, *E. rava*; Mexico, Central and South America]
- 1928b. Lepidoptera Nemeobiinae. *Das Tierreich* 51: i-xxx, 1-330, 197 figs. (June) [general; Neotropics]
- 1928c. Die Veröffentlichungen über Erycinidae von A. Seitz im Spiegelbild der Kritik. (Lep. Rhopal.). *Deutsche entomologische Zeitschrift* 1928(2): 146-160 (25 August), (3): 225-266, pls. 4-6, 11 figs. (25 October) [general; life histories; mimicry; classification]
- 1929a. Die Veröffentlichungen über Eryciniden von A. Seitz im Spiegelbild der Kritik. (Lep. Rhop.). 2. Teil. *Deutsche entomologische Zeitschrift "Iris"* 43(2): 85-96 (15 June) [general; Neotropics]
- 1929b. Nacharbeiten zur Revision der Riodinidae (Lep. Rhop.). IV. *Mitteilungen aus dem zoologischen Museum in Berlin* 15(1): 13-26 (10 July) [general; new taxa: *Mesosemia loruhama candara* female form *cinerea*, *Ancyluris huascar molesta*, *Rhetus dysonii caligosus*, *Nahida coenoides* form *trochoides*, *Isapis agyrtus abydus*, *Chamaelimnas briola* form *insignis*, *Crocozona insolens*, *Baeotis hisbon simblina*, *Lymnas iarbas* form *bipuncta*, *Mesene phareus deliciosa*, *M. fissurata*, *M. discolor*, *Xenandra agria* form *agrestis*, *Phaenochitonias nyrsodes eanides*, *Argyrogramma praestigiosa*, *Calydna lusca lusca* form *fissilis*, *C. l. morio*, *Emesis elegia*, *E. heteroclita*, *E. tristis*, *Ematurgina nivosa*, *E. albobovata*, *Thisbe irenaea prodiga*, *Orimba pythioides pythioides* form *amazona*, *O. preciosa*, *Peplia lamis bahiana*, *Nymphidium caricae caricae* form *badia*, *N. c. erubescens*, *N. lisimon attenuatum*, *N. corculum*, *N. nealces amoenum*, *N. baeotia robiginosum*, *N. albicaus* (sic), *N. scurrilis*, *Stalactis phlegia coronis*; Mexico, South America]
- 1929c. Die Veröffentlichungen über Eryciniden von A. Seitz im Spiegelbild der Kritik. (Lep. Rhop.). 2. Teil. *Deutsche entomologische Zeitschrift "Iris"* 43(3): 97-144 (25 September) [general; Neotropics]
- 1929d. Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. X. (Lep. Rhop.). *Deutsche entomologische Zeitschrift* 1929(3): 199-208 (1 October) [general; new taxa: *Perophtalma tullius lasciva*, *Metacharis cuparina* female form *umbrata*, *Lepricornis incerta* form *instrata*, *Charis chrysus neglecta* form *alacer*, *Emesis lucinda conformata*, *Polystichtis rubrica*; Colombia]
- 1930a. Die Veröffentlichungen über Eryciniden von A. Seitz im

- Spiegelbild der Kritik. (Lep. Rhop.). 2. Teil. *Deutsche entomologische Zeitschrift "Iris"* 43(4): 145-156 (15 January); 44(1): 48 (20 March) [general; Neotropics]
- 1930b. Riodinidae. *Lepidopterorum Catalogus* 38: 1-112 (27 March) [general]
- 1930c. Ein Schlusswort in Sachen Seitz, Erycinidenarbeiten (Lep.). *Deutsche entomologische Zeitschrift* 1930(1): 57-62 (4 April) [general]
- 1930d. Die Veröffentlichungen über Eryciniden von A. Seitz im Spiegelbild der Kritik. (Lep. Rhop.). 2. Teil. *Deutsche entomologische Zeitschrift "Iris"* 44(2): 49-72 (16 June) [general; Neotropics]
- 1930e. Eine neue Riodinide von Amazonas (Lep. Rhop.). *Internationale entomologische Zeitschrift* 24(24): 257-258 (22 September) [unnamed *Euselasia*]
- 1930f. Riodinidae. *Lepidopterorum Catalogus* 40: 113-544 (26 September) [general; new taxa: *Lymnas melaniae*, *Argyrogramma trochilia rameli*]
- 1930g. Ergänzung. *Internationale entomologische Zeitschrift* 24(25): 276 (1 October) [*Euselasia scotinosa*; Brazil]
- 1930h. Die Veröffentlichungen über Eryciniden von A. Seitz im Spiegelbild der Kritik. (Lep. Rhop.). 2. Teil. *Deutsche entomologische Zeitschrift "Iris"* 44(3): 137-144 (8 October) [general; Neotropics]
- 1930i. Riodinidae. *Lepidopterorum Catalogus* 41: 545-720 (28 November) [general]
- 1930j. Die Veröffentlichungen über Eryciniden von A. Seitz im Spiegelbild der Kritik. (Lep. Rhop.). 2. Teil. *Deutsche entomologische Zeitschrift "Iris"* 44(4): 145-153 (31 December) [general; Neotropics]
1931. Riodinidae. *Lepidopterorum Catalogus* 44: 721-795 (18 April) [general]
- 1932a. Die Veröffentlichungen über Eryciniden von A. Seitz im Spiegelbild der Kritik. (Lep. Rhop.). *Deutsche entomologische Zeitschrift "Iris"* 46(1): 1-34 (20 April) [general; nomenclature; Central and South America]
- 1932b. Brassolidae. *Lepidopterorum Catalogus* 51: 1-115 (27 April) [general]
1935. Nacharbeiten zur Revision der Riodinidae Grote (= Erycinidae Swains.). V. *Internationale entomologische Zeitschrift* 28(39): 480-483 (15 January); 29(5): 57-59 (1 May), (7): 78-79 (15 May), (9): 100-101 (1 June), (11): 127-129 (15 June), (14): 161-162 (8 July), (22): 260-262 (8 September), (25): 295-297 (1 October), (27): 321-323 (15 October) [general]
- 1936a. Neue Namen für Neotropische Rhopalocera (Lep.). *Mitteilungen der deutschen entomologischen Gesellschaft* 6(5/10): 63-65 (February) [general; *Opsiphanes tamarindi incolumis* form *profana*, *Morpho helena* form *demissa*, *Callithea davisii* form *praedives*, *Catagramma discrepans*, *C. lyca salamis* form *lycaonis*, *Euselasia opalescens onyx*; Mexico, Central and South America]
- 1936b. Nacharbeiten zur Revision der Riodinidae Grote (= Erycinidae Swains.). V. *Entomologischer Anzeiger* 16(9): 61-64 (1 March), (11): 73-76 (15 March), (15): 105-108, 1 fig. (22 April), (17): 117-120 (15 May) [general]
1938. Nymphalidae. I. Subfam.: Dioninae, Anetiinae, Apaturinae. *Lepidopterorum Catalogus* 86: 1-374 (29 August) [general; new subspecies: *Euptoieta hegesia karibica*, *E. h. meridiania*; new form: *Doxocopa lavinia* form *acharis*]
1939. Nymphalidae III: Subfam.: Charaxidiniinae II. *Lepidopterorum Catalogus* 93: 543-794 (25 July) [general; new genus: *Sideronidia* Bryk; new names: *Prepona rothschildi homonyma* Bryk, *P. (Archaeoprepona meander mendax* Bryk]
- Stichel, Hans Ferdinand Emil Julius, and Heinrich H. Riffarth**
1905. Heliconiidae. *Das Tierreich* 22: xv + 290 pp., 50 figs. (October) [general; new name: *Heliconius antiochus ocannensis*; Neotropics]
- Stichel, Wolfgang, Jr.**
1922. Morphologische Studien über das Schinenblatt der Papilionidae (Lep. Rhop.). *Deutsche entomologische Zeitschrift* 1922(2): 200-204, 6 figs. (15 April) [general]
- Stiles, Frank Gary**
1964. See Brower, L. P. et al., 1964.
1983. *Heliconia latispatha* (Platanillo, Wild Plantain), pp. 249-251, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [*Pierella*, *Opsiphanes*, *Caligo*; Costa Rica]
1990. See DeVries, P. J. & F. G. Stiles, 1990.
2018. See Henao, E. R. & F. G. Stiles, 2018.
- Stiling, Peter D.**
1986. *Butterflies and other insects of the Eastern Caribbean*. London, Macmillan. viii + 85 pp., 96 figs. [general]
1999. *Butterflies of the Caribbean and Florida*. London, Macmillan Education Ltd. viii + 120 pp., 118 figs., 1 tab., 1 map [general]
- Stimson, John, and Linda Meyers**
1984. Inheritance and frequency of a color polymorphism in *Danaus plexippus* (Lepidoptera: Danaidae) on Oahu, Hawaii. *Journal of Research on the Lepidoptera* 23(2): 153-160, 2 tabs. (31 December) [*Danaus plexippus erippus* (Cramer); Argentina]
- Stireman, John O., III**
- 2002a. See Greeney, H. F. & J. O. Stireman, 2002a.
- 2002b. See Greeney, H. F. & J. O. Stireman, 2002b.
2007. See Dyer, L. A. et al., 2007.
2009. See Greeney, H. F. et al., 2009a.
2011. See Greeney, H. F. et al., 2011b.
- Stireman, John O., III, Lee A. Dyer, Daniel Hunt Janzen, Michael S. Singer, John T. Lill, Robert J. Marquis, Robert Eric Ricklefs, Grant L. Gentry, Winifred D. Hallwachs, Phyllis Dewing Coley, John A. Barone, Harold Francis Greeney, Heidi Connahs, Pedro Barbosa, Helena Castanheira de Moraes and Ivone Rezende Diniz**
2005. Climatic unpredictability and parasitism of caterpillars: Implications of global warming. *Proceedings of the national Academy of Sciences of the United States of America* 102(48): 17384-17387, 2 figs., 1 tab. (29 November) [general; Costa Rica, Panama, Ecuador, Brazil]
- Stireman, John O. III, Harold Francis Greeney and Lee A. Dyer**
2009. Species richness and host associations of Lepidoptera-attacking Tachinidae in the northeast Ecuadorian Andes. *Journal of Insect Science* 9(39): 1-19, 8 figs., 2 tabs. (2 June) [general; parasitoids]
- Stirling, Graham R.**
2002. See Petty, G. J. et al., 2002.
- St. Laurent, Ryan Alexander**
- 2018a. See Kawahara, A. Y. et al., 2018a.
- 2018b. See Kawahara, A. Y. et al., 2018b.
- St. Leger, Robert G. T.**
1991. The butterflies and hawkmoths of the Turks and Caicos Islands. *Bulletin of the amateur Entomologists' Society* 50(376): 114-120, pl. D, 2 maps (June) [general]
- Stockdale, Frank Arthur [1883-1949]**

1909. A caterpillar pest of coconuts. *Journal of the Board of Agriculture of British Guiana* 3(1): 31-34 (July) [*Brassolis sophorae* (Linnaeus); egg, larva, pupa, imago, behavior; parasitoids, predators; Guyana]
1911. An insect pest of pigeon peas. *Journal of the Board of Agriculture of British Guiana* 4(4): 239 (April) [*Eudamus* aff. *proteus* (Linnaeus); host plant; Guyana]
- Stockton, Les** [ -2004]
1986. Appraisals of Lepidoptera collections, Part II. *News of the Lepidopterists' Society* 1986(1): 2-3 (January-February) [general]
- Stockwell, David R.**
2002. See Peterson, A. T. et al., 2002.
- Stoddard, Mary Caswell**
2017. See Cuthill, I. C. et al., 2017.
- Stoffel, Jean-Robert**
- 1973-74. See Descimon, H. et al., 1973-1974.
- Stokvis, Frank**
2019. See Gernaat, H. B. P. E. et al., 2019.
- Stoll, Caspar** [? -1791]
- 1780-82a. In: Cramer, P., *De uitlandsche Kapellen voorkomende in de drie Waereld-Deelen Asia, Africa en America. Papillons exotiques des trois parties du monde l'Asie, l'Afrique et l'Amérique*. Amsterdam, J. S. Baalde; Utrecht, Barthelemy Wild. 4(26/28): 29-90, pls. 305-336 (1780), (29/31): 91-164, pls. 337-372 (1781), (32/34): 165-252, pls. 373-400 (1782) [the title-page for vol. 4 was published in 1782; for earlier parts of this work see Cramer, P., 1775-80] [general; new species: *Papilio quiteria*, *P. pireta*, *P. diaphana*, *P. selene*, *P. pasinuntia*, *P. pamela*, *P. beon*, *P. agnes*, *P. renata*, *P. rosina*, *P. sulphitia*, *P. irenea*, *P. flyas*, *P. otreus*, *P. odilia*, *P. basilia*, *P. pherecydes*, *P. caranus*, *P. bubastus*, *P. arogeus*, *P. phalanthus*, *P. megacles*, *P. crolus*, *P. thasus*, *P. syncellus*, *P. menander*, *P. asychis*, *P. tryxus*, *P. orcus*, *P. thersander*, *P. ouranus*, *P. epaphus*, *P. lamis*, *P. melander*, *P. gelanor*, *P. crotopus*, *P. labdacus*, *P. astinax*, *P. cupentus*, *P. aetolus*, *P. vesulus*, *P. pelops*, *P. polibetes*, *P. seabaldus*, *P. ramusis*, *P. sinon*, *P. pseacas*, *P. aecas*, *P. coelus*, *P. epitus*, *P. evadnes*, *P. isabella*, *P. lucia*, *P. acheus*, *P. soranus*, *P. vocula*, *P. brino*, *P. corbulo*, *P. dubius*, *P. avitus*, *P. pertinax*, *P. eligius*, *P. aristeus*, *P. melanippe*, *P. feronia*, *P. silvana*, *P. parmenides*, *P. enotrus*, *P. abebalus*, *P. hylaspes*, *P. eupalemon*, *P. meris*, *P. vitreus*, *P. eudoxus*, *P. cytherea*, *P. belise*, *P. arcas*, *P. libanius*, *P. arbas*, *P. myrtillus*, *P. chrysus*, *P. cleonus*, *P. acantus*, *P. thasus*, *P. arbates*, *P. eurimedes*, *P. phillis*, *P. monima*, *P. leonida*, *P. probetor*, *P. menalcius*, *P. arcalaus*, *P. artemides*, *P. comus*, *P. ethlius*, *P. herennius*, *P. morpheus*, *P. jolus*, *P. jovianus*, *P. cerialis*, *P. euribates*, *P. salatis*, *P. nitocris*, *P. menes*; Neotropics]
- 1782b. *Proeve van eene Rangschikkinge der Donsyleugelige Insecten, Lepidopteren. Welker Afbeeldingen in de vier Deelen van dit Werk zyn te vinden. Essai d'un ordre systématique des insectes a ailes farineuses. Lepidoptera. Représentés dans les quatre volumes de cet ouvrage*, 29 pp. In: Cramer, P., *De uitlandsche Kapellen...* Amsterdam, J. S. Baalde; Utrecht, Barthelemy Wild. 4. [general; morphology]
- [?1786]-1787-91. *Aanhangsel van het Werk, de uitlandsche Kapellen, voorkomende in de drie Waereld-Deelen Asia, Africa en America, door den Heere Pieter Cramer, vervattende naauwkeurige afbeeldingen van surinaamsche rupsen en poppen; als mede van veele zeldzaame en nieuwe ontdekte uitlandsche dag- en nagt-kapellen*. Amsterdam, Nic. Th. Gravius. (1): i-viii, 1-42, pls. 1-8 ([?1786]-1787), (2): 43-78, pls. 9-16 (1790), (3): 79-120, pls. 17-24 (1790), (4): 121-146, pls. 25-32 (1790), (5): 147-"384" [=184], pls. 33-42 (1790), title-page (1791) [general; host plants; larvae, pupae, imagines; new species: *Papilio chloe*, *P. gelon*, *P. philanthus*, *P. teleclus*, *P. archytas*, *P. titea*, *P. bromius*, *P. julettus*, *P. hygenius*, *P. sabinus*, *P. renaldus*, *P. clorimena*, *P. nicias*, *P. cingulus*, *P. argenissa*, *P. hirlanda*, *P. pertinax*, *P. zeanger*, *P. rustan*, *P. lisus*, *P. hassan*, *P. cethegus*, *P. narbal*, *P. numerius*, *P. lisimon*, *P. hanno*, *P. bomilcar*, *P. aristus*, *P. damon*, *P. simplicius*, *P. alardus*, *P. narcosius*, *P. dorantes*]
- Stoll, Otto** [1849-1922]
- 1892-1893. Zur Zoogeographie der landbewohnenden Wirbellosen. *Vierteljahrsschrift der naturforschenden Gesellschaft in Zürich* 37(3/4): 233-273 (1892); 38(1): 37-70 (1893) [general; Neotropics]
- Stollmeyer, Charles Rex** [ -1968]
1933. Notes on the life-history of *Morpho peleides insularis* Fruhstorfer. *Journal of the New York entomological Society* 40(4): 523-526, pl. 22 (9 February) [egg, larva, pupa, imago; host plant; Trinidad]
- Stone, Graham N.**
2017. See Endara, M.-J. et al., 2017.
- Stone, John L. S.**
1992. *Keeping and breeding butterflies and other exotica. Praying mantis, scorpions, stick insects, leaf insects, locusts, large spiders and leaf-cutter ants*. London, Blandford. 192 pp., figs. [general; host plants]
- Stone, John L. S., and H. J. Midwinter**
1975. *Butterfly culture. A guide to breeding butterflies, moths and other insects*. Dorset, Blandford Press. 104 pp., 44 + 12 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; Neotropics]
- Stone, Roger D.**
1985. *Dreams of Amazonia*. New York, Viking Penguin Inc. xi + 193 pp., figs. [general; South America]
- Stoner, Dayton** [1883-1944]
- 1919a. Notes on the insects of Antigua, pp. 210-213. In: Nutting, C. C., Barbados-Antigua Expedition. Narrative and preliminary report of a zoological expedition from the University of Iowa to the Lesser Antilles under the auspices of the Graduate College. *University of Iowa Studies in natural History* 8(3): 1-274, 50 pls. (May) [Hesperiidae, Nymphalidae, Lycaenidae]
- 1919b. Collecting terrestrial arthropods in Barbados and Antigua, British West Indies. *Canadian Entomologist* 51(8/9): 173-178 (8 July), (10): 217-220 (14 October) [general]
- Storer, Caroline G.**
2018. See Kawahara, A. Y. et al., 2018b.
- 2019a. See Kawahara, A. Y. et al., 2019.
- 2019b. See Halbritter, D. A. et al., 2019.
- Storey, Eric S.**
1972. See Dickens, M. C. & E. S. Storey, 1972.
- Storti, Eliana Fernandez**
2002. Biologia da polinização e sistema reprodutivo de *Passiflora coccinea* Aubl. em Manaus, Amazonas, Brasil. *Acta amazonica* (Manaus) 32(3): 421-429, 1 fig., 3 tabs. (July-September) [*Heliconius burneyi* (Hübner), Hesperiidae; behavior]
- Stotz, Gisela C.**
2016. See Ríos, R. S. et al., 2016.
- Stout, Todd L.**

2018. A review of three species-level taxa of the *Anthocharis sara* complex (Lepidoptera: Pieridae: Pierinae: Anthocharidini). *Insecta Mundi* 615: 1-39, 26 figs., 3 tabs. (30 March) [general; Mexico]
- Stow, Douglas A.**  
2007. See Williams, J. J. et al., 2007.
- Stowe, Sally**  
2004. See Stavenga, D. G. et al., 2004.
- Stradling, David John** [1939-2012]  
1976. The nature of the mimetic patterns of the brassolid genera, *Caligo* and *Eryphanis*. *Ecological Entomology* 1(2): 135-138, 6 figs. (May) [general; behavior; ecology; Trinidad]  
1978. Recent records of rare Lepidoptera in Trinidad. *Living World* 1977-78: 14. [*Pteronymia artema* (Hewitson), *Metamorphia epaphus* (Latreille)]  
2012. See Quesnel, V. C. J. & D. J. Stradling, 2012.
- Stradomsky, Boris Vitalievich**  
2016. A molecular phylogeny of the subfamily Polyommattinae (Lepidoptera: Lycaenidae). *Caucasian entomological Bulletin* 12(1): 145-156, 76 figs., 1 tab. [general]
- Strand, Embrik** [1876-1947]  
1909. Zwei neue afrikanische [sic] Hesperiden. *Internationale entomologische Zeitschrift* 3(33): 176-177 (13 November) [*Chapra marcus*, = *Amblyscirtes exoteria* (Herrich-Schäffer)]  
1911. Zwei neue südamerikanische Formen von der Lepidopteren-Familie Riodinidae (Erycinidae). *Entomologische Rundschau* 28(19): 150 (1 October) [*Ithomeis ecuadorica*, *I. heliconina* aberration *cumbasina*; Ecuador, Peru]  
1912a. Sechs neue exotische Grossschmetterlinge. *Archiv für Naturgeschichte* 77(1)(suppl. 4): 98-102 (February) [general; *Anaea peruviana*; Peru]  
1912b. Das Weibchen von *Dismorphia niepelti* Weym. *Entomologische Rundschau* 29(16): 106-107 (17 August) [Ecuador]  
1912c. Zwei neue Satyriden von Roraima. Gesammelt von Herrn Botaniker E. Ule. *Fauna exotica* 2(11): 43-44 (31 August), (12): 47-48 (14 September) [general; *Antirrhoea* (new subgenus *Triteleuta*) *ulei*, *Pedaliodes roraimae*; Venezuela]  
1912d. Exotisch-Lepidopterologisches. *Archiv für Naturgeschichte* (A)78(9): 143-158 (November) [general; new taxa: *Eresia* (*Phyciodes*) *ildica* variety *heliconiformis*, *Catargynnis macasica*; Ecuador]  
1912e. Über einige exotische Lepidoptera aus der Sammlung des Herrn W. Niepelt in Zirlau. *Archiv für Naturgeschichte* (A)78(9): 178-186 (November) [general; new taxa: *Eresia callonioides*, *Eueides isabella ecuadorensis*, *Napeogenes ellariformis*, *N. anteella*, *Leucothyris peruvicola*, *Dismorphia macasana*, *Colias weberbaueri*, *Catopsilia rurina* aberration *peruvicola*; Peru, Ecuador]  
1914. [Notes]. In: *Lepidoptera Niepeltiana*. Leipzig, Urban & Co. 64 + [1] pp., pls. 1-12 ([May]) [general; Central and South America]  
1916. [Notes]. In: *Lepidoptera Niepeltiana*. 2. Teil. Zirlau, Wilhelm Niepelt. [6] + 26 pp., pls. 13-17 (December) [general; new taxa: *Actinote demonica* variety *nicylloides*, *A. d.* variety *n.* aberration *flavincta*, *A. subdemonica*, *A. ozomene* variety *cleasa* aberration *zarayaquillonis*, *Phyciodes pseudo-celemina*, *Catagramma pygas* variety *catharinensis*, *C. p.* aberration *sublimbalis*, *Callicore clymena* aberration *patriotica*, *Perisama lebasi* aberration *derufata*, *Eryphanis polyxena lycomedon* form *costaricensis*, *Catoblepia berecynthia midas* form *macasana*, *C. b. m.* form *angusta*, *Opsiphanes tamarindi corrosus* form *pseudospadix*, *Euptychia pseudonecys*, *Daptonoura florinda* aberration *discocellularis*, *D. palaestra* variety *equadorica*, *Hypoleria macasana*, *Napeogenes omissa*, *N. apulia* aberration *sulphureophila*, *Thecla columbicola*, *T. temella*, *T. columbinia*, *T. orcillula*, *T. augustula* aberration *augustinula*, *Emesis mandana* variety *angulariformis*, *E. tenedia* aberration *fasciata*, *Calephelis costaricicola*, *Esthemopsis inariella*, *Lemonias* (?) *tablazonis*; Peru, Colombia, Ecuador, Brazil, Costa Rica]  
1917a. Nachtrag zum zweiten Teil meiner "Lepidoptera Niepeltiana". *Societas entomologica* 32(12): 47-49 (9 November), (13): 51-52 (7 December) [general; Ecuador, Peru, Costa Rica]  
1917b. Kritische Bemerkungen zu Stichels Besprechung des 2. Teiles meiner "Lepidoptera Niepeltiana". *Internationale entomologische Zeitschrift* 11(20): 191-192 (29 December) [general]  
1918a. Nachtrag zum Zweiten Teil meiner "Lepidoptera Niepeltiana". *Societas entomologica* 33(1): 2-3 (2 January) [general; new forms: *Adelpha irmina* female form *irminella*, *Catagramma pyracmon* male form *pyracmonides*; Ecuador, Central America]  
1918b. Kritische Bemerkungen zu Stichels Besprechung des 2. Teiles meiner "Lepidoptera Niepeltiana". *Internationale entomologische Zeitschrift* 11(22): 207-208 (26 January) [general]  
1918c. Nachtrag zum Zweiten Teil meiner "Lepidoptera Niepeltiana". *Societas entomologica* 33(3): 11-12 (1 March), (5): 19-20 (1 May), (7): 26-28 (1 July), (8): 30-31 (1 August) [general; new taxa: *Catagramma texa* variety *textotitania*, *C. aphidna* form *aphidnella*, *Morpho menelaus* variety *nestira* form *maxima*, *Thecla crines* form *crinella*, *T. gabathana*, *T. undulella*; South America, Costa Rica]  
1918d. [Notes]. In: *Nachträge zu Lepidoptera Niepeltiana*. Freiburg, H. Heiber. 4 pp., pl. 18 (September) [general]  
1918e. Nachtrag zum Zweiten Teil meiner "Lepidoptera Niepeltiana". *Societas entomologica* 33(10): 38-39 (1 October), (11): 43-44 (1 November), (12): 46-47 (2 December) [general; new taxa: *Thecla isobeon* variety (?) *subisobeon*, *Papilio coroebus* form *coroebusellus*, *P. cresphontes* aberration *intacta*; Peru, Costa Rica, Mexico, Panama, Brazil]  
1920. Bemerkungen über einige exotische Grossschmetterlinge. *Internationale entomologische Zeitschrift* 14(17): 133-134 (27 November), (19): 145-150 (25 December) [general; *Eresia callonioides* new variety *pastazana*; Central and South America]  
1921a. Systematisch-Faunistische Beiträge zur Kenntnis exotischer Heterocera und Grypocera auf Grund von Material des Deutschen Entomologischen Museums. *Archiv für Naturgeschichte* (A)86(7): 113-172 (February) [general; new taxa: *Mimoniades pityusa* aberration *chanchamayonis*, *Agara pardalina* variety *mapirica*, *Pellicia olinda*, *Echelatus depenicillus*, *E. brasiliicola*, *Mylon puncticornis*, *Bolla subgisela*, *Catia* (?) *concepcionis*, *Rhinthon* (?) *zaba*, *Eutyichide candallariae*, *Artines tertius*, *Enosis inframaculata*; Mexico, Central and South America]  
1921b. Zwei neue neotropische Nymphalididen-Formen. *Internationale entomologische Zeitschrift* 15(14): 109-110 (1 October) [*Protogonius diffusus* aberration *ecuadorensis*, *Prepona eugenes* variety *ecuadorica*;

- Ecuador]
1922. *Miscellanea lepidopterologica et arachnologica i-vi. Archiv für Naturgeschichte (A)*88(8): 267-272 (August) [Pieridae; distribution; Peru]
1926. Liste des rhopalocères et grypocères exotiques décrits dans mes travaux jusqu'en 1926. *Bulletin de la Société zoologique de France* 51(5): 397-418 [general; Mexico, Central and South America]
1932. *Miscellanea nomenclatorica zoologica et paleontologica. III. Folia zoologica et hydrobiologica* (Riga) 4(1): 133-147 (3 September) [general; new generic names: *Argyrogrammana*, *Charmonona*, *Roerberella*, *Eucoma*, *Idioneurula*, *Lucillella*]
1942. *Miscellanea nomenclatorica zoologica et palaeontologica. X. Folia zoologica et hydrobiologica* (Riga) 11(2): 386-402 (15 September) [new genus: *Stygnolepis*]
- Strange, Ian J.**
1972. *The Falkland Islands*. Newton Abbot, David & Charles. 256 pp., figs. [*Brenthis cytheris* (Drury)]
1987. *The Falkland Islands and their natural history*. Newton Abbot, David & Charles. 160 pp., figs. [*Issoria cytheris* (Drury), *Cynthia carye* (Hübner)]
1992. *A field guide to the wildlife of the Falkland Islands and South Georgia*. London, Harper Collins Publishers. 188 pp., 20 pls., 12 + 85 figs. [*Issoria cytheris* (Drury), *Cynthia carye* (Hübner)]
- Strassberger, Ricardo**
1928. See Köhler, P. E. & R. Strassberger, 1928.
- 1931a. Excursión entomológica a Río Luján (F.C.C.A.). *Revista de la Sociedad entomológica argentina* 3(4/5): 283-284 (31 July) [general; Argentina]
- 1931b. La región de Punta Lara y su fauna lepidopterológica. *Boletín de la Sociedad entomológica argentina* 1(5): 19-21 (15 November) [general; Argentina]
- Straszewicz, Walerian von** [1885-1968]
- 1938a. Eine neue ♀-Form von *Agrias amydon* Hw. *Entomologische Zeitschrift* 52(10): 78 (8 June) [A. a. female aberration *cyanemaculata*; Colombia]
- 1938b. Eine unbekannte *Catagramma codomannus* F. ♀-Form. *Entomologische Zeitschrift* 52(31): 248 (15 November) [C. c. female aberration *rubra*; Brazil]
- Strathie, Lorraine W.**
2002. See Zachariades, C. et al., 2002.
- Straub, Shannon C. K.**
2018. See Livshultz, T. et al., 2018.
- Strauss, Richard Eugene**
1990. Patterns of quantitative variation in lepidopteran wing morphology: the convergent groups Heliconiinae and Ithomiinae (Papilionoidea: Nymphalidae). *Evolution* 44(1): 86-103, 9 figs., 2 tabs. (21 February) [general]
- Strecker, Ferdinand Heinrich Herman** [1836-1901]
- 1872-78a. *Lepidoptera, Rhopaloceres and Heteroceres, indigenous and exotic, with descriptions and colored illustrations*. Reading, Pennsylvania, Author. (1): 1-7, pl. 1 (5 April 1872), (2): 9-15, pl. 2 (14 May 1873), (3): 17-24, pl. 3 (17 June 1873), (4): 25-32, pl. 4 (18 July 1873), (5): 33-43, pl. 5 (14 September 1873), (6): 45-50, pl. 6 (17 October 1873), (7): 51-60, pl. 7 (13 December 1873), (8): 61-70, pl. 8 (27 February 1874), (9): 71-80, pl. 9 (8 May 1874), (10): 81-94, pl. 10 (28 August 1874), (11): 95-100, pl. 11 (28 November 1874), (12): 101-108, pl. 12 (18 May 1875), (13): 109-123, pl. 13 (20 February 1876), (14): 125-134, pl. 14 (18 March 1878), (15): 135-143, pl. 15 (9 July 1878) [Ed. 2, November 1879; see Calhoun (2017)] [general; new species: *Melinaea dora*, *Ageronia anomala*; Neotropics]
- 1878b. *Butterflies and moths of North America, with full instructions for collecting, breeding, preparing, classifying, packing for shipment, etc., a complete synonymical catalogue of Macrolepidoptera, with a full bibliography, to which is added a glossary of terms and an alphabetical and descriptive list of localities*. *Diurnes*. Reading, Pennsylvania, B. F. Owen ([October]). [4] + ii + 283 pp., 2 pls. [general; Neotropics]
1885. Descriptions of new species of Lepidoptera. *Proceedings of the Academy of natural Sciences of Philadelphia* 37(12): 174-176 (23 June), (13): 177-179 (1 September) [general; *Papilio cleombrotus*, *Theorema titania*; Brazil, Colombia, Costa Rica]
- 1898-1900. *Lepidoptera, Rhopaloceres and Heteroceres, indigenous and exotic*. Reading, Pennsylvania, Author. *Supplement 1*: 15 pp. (15 September 1898); *Supplement 2*: 11 pp. (30 June 1899); *Supplement 3*: 13-37 (9 March 1900), 38 (21 April 1900) [new species: *Apatura aslauga*, *Euptoieta colombia*, *Cyclogramma tertia*, *Lycaena mela*, *Myscelia hypatia*; Mexico, Costa Rica, Colombia, Brazil]
1899. *Index of species to Kirby's Synonymic Catalogue of Lepidoptera Heterocera. Vol. I., Sphinges and Bombyces*. Reading, Pennsylvania, Author. 45 pp. (after 13 October) [general]
- Strickman, Daniel**
1981. Observation on an aggregation of *Episcada hymenaea* Prittev. [sic] (Ithomiidae) in Paraguay. *Journal of the Lepidopterists' Society* 35(2): 158 (14 December)
- Stringer, C.**
2014. See Churchyard, T. et al., 2014.
- Stritzke, Katja**
2007. See Schulz, S. et al., 2007.
- Strong, Donald R.** [1944- ]
1981. See Auerbach, M. J. & D. R. Strong, 1981.
- Struck, Burford**
1940. See Thompson, S. C. et al., 1940.
1941. See Thompson, S. C. et al., 1941.
- Strutt, Robert John** [1875-1947]
1923. See Rayleigh, Lord, 1923.
- Strutzenberger, Patrick**
2012. See Bodner, F. G. F. et al., 2012.
- Strutzenberger, Patrick, and Konrad Fiedler**
2011. Temporal patterns of diversification in Andean *Eois*, a species-rich clade of moths (Lepidoptera, Geometridae). *Journal of evolutionary Biology* 24(4): 919-925, 1 fig. (April); published online 24 January) [general; evolution; biogeography]
- Struwe, Göran**
1970. See Bernhard, C. G. et al., 1970.
- 1972a. Spectral sensitivity of the compound eye in butterflies (*Heliconius*). *Journal of comparative Physiology* 79(2): 191-196, 4 figs. (27 July) [general; electrophysiology; Trinidad]
- 1972b. Spectral sensitivity of single photoreceptors in the compound eye of a tropical butterfly (*Heliconius numata*). *Journal of comparative Physiology* 79(2): 197-201, 2 figs. (27 July) [electrophysiology; Trinidad]
- 1972c. See Langer, H. & G. Struwe, 1972.
- 1972d. *Spectral sensitivity and wavelength discrimination of the compound eyes in moths and butterflies*. Stockholm, Karolinska Institutet, Department of Physiology. 16 pp. [*Heliconius* spp.]

- Strympl, Alois** [1889-1953]  
1949. Vinte e seis anos caçando *Agrias* na Amazônia. *Boletim do Museu paraense Emílio Goeldi* 10: 185-209 [general; Brazil]
- Stuardo, Carlos** [1895-1962]  
1936. See Ruiz, F. & C. Stuardo, 1936.  
1960. Historia física y política de Chile de Don Claudio Gay. Indices alfabéticos de la Botánica y de la Zoología. *Publicaciones del Centro de Estudios entomológicos. Universidad de Chile* 3: 297-359 [general]
- Stuardo, José R.**  
2007. Trascendencia del primer *Saggio sulla Storia naturale del Chili* de J. I. Molina, su traducción, el *Compendio anónimo* y el bicentenario. *Atenea* (Concepción) 495: 83-107, 28 figs., 3 tabs. [*Papilio leucothea* Molina, *P. psittacus* Molina; history; Chile]
- Stuart-Fox, Devi**  
2017. See Cuthill, I. C. et al., 2017.
- Stuckert, Adam M. M.**  
2019. See Briolat, E. S. et al., 2019.
- Study, Eduard** [1862-1930]  
1919a. Die Mimikry als Prüfstein phylogenetischer Theorien. *Naturwissenschaften* 7(21): 371-378 (23 May), (22): 392-396 (30 May), (23): 406-412 (6 June) [general]  
1919b. Genetik und Mimikry. *Naturwissenschaften* 7(42): 761-764 (17 October) [general]  
1926. Die Gattung *Tithorea* und ihre Nachahmer. *Zoologische Jahrbücher (Allgemeine Zoologie und Physiologie)* 42(4): 428-440, 1 pl. (1 February) [general; mimicry; Panama, South America]  
1930. Neuere Angriffe auf die Selektionstheorie. *Archiv für Rassen- und Gesellschaftsbiologie* 22(4): 353-393, 1 pl. [general; mimicry]
- Stuldreher-Nienhuis, Jant** [1897-1975]  
1944. *Verborgten Paradijzen. Het Leven en de Werken van Maria Sibylla Merian 1647-1717*. Arnhem, Loghram Slaterus. 182 pp., pls. [other ed., 1945] [general; Surinam]
- Stump, Aram**  
2003. See Scriber, J. M. et al., 2003.
- Sturm, Helmut** [1929-2015]  
1958. Gehäusebauverhalten einer Hesperidenraupe. *Verhandlungen der deutschen zoologischen Gesellschaft (Zoologischer Anzeiger, Supplementband)* 21: 259-262, 2 figs. [*Pyrrhopyge charybdis* Doubleday, *P. phidias* (Linnaeus); host plant; Colombia]  
2001. El comportamiento de algunos artrópodos colombianos y europeos y su significado evolutivo. *Revista de la Academia colombiana de Ciencias exactas, físicas y naturales* 25(96): 429-433 (September) [*Pyrrhopyge phidias* (Linnaeus), *P. charybdis* Doubleday; host plant]
- Sturm, Helmut, and Jesús Orlando Rangel**  
1985. Ecología de los páramos andinos: Una visión preliminar integrada. *Biblioteca José Jerónimo Triana. Universidad nacional de Colombia* (Bogotá) 9: 293 pp., 19 figs., 44 tabs. (March) [*Altopedaliodes nebris* (Thieme), *Pseudosteremnia* sp., *Colias dimera* Doubleday, *Catantacta socorrensis* Fassl; Colombia]
- Sturm, Ralph**  
2017. *Papilionidae XVI. Illustrated checklist of Papilio machaon – group, Iphiclides podalirius, and Papilio alexanor*. In: Bauer, E. & T. Frankenbach (Eds.), *Butterflies of the World*. Keltern, Goecke & Evers. 45: 1-14, pls. 1-32. [general; Central and South America]
- Stutz, Bruce**  
1993. Butterfly flyby. *Audubon* 95(1): 16, 1 fig. (January-February) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Su, Cheng-Yong**  
2007. See Chen, N. et al., 2007.
- Su, Cheng-Yong, Qing-Hui Shi, Xiao-Yan Sun, Junye Ma, Chunxiang Li, Jia-Sheng Hao and Qun Yang**  
2017. Dated phylogeny and dispersal history of the butterfly subfamily Nymphalinae (Lepidoptera: Nymphalidae). *Scientific Reports* 7(8799): 1-11, 2 figs., 2 tabs. (published online 18 August) [general; Neotropics]
- Su, Cheng-Yong, Guo-Ping Zhu, Jia-Sheng Hao, Na Chen, Hong-Chun Pan, Dong-Xia Wu and Xiao-Ping Zhang**  
2007. Molecular phylogenetic relationships of swallowtail butterflies of the subfamily Papilioninae (Papilionidae, Lepidoptera) based on 16S rRNA gene [In Chinese]. *Acta zootaxonomica sinica* 32(2): 335-342, 2 figs., 3 tabs. (April) [general]
- Suárez, Carlos**  
1994. See Rodríguez, C. L. et al., 1994.  
1996a. See Rodríguez, C. L. et al., 1996a.  
1996b. See Rodríguez, C. et al., 1996b.
- Suárez, Diana Janeth**  
2009. See Giraldo, C. E. et al., 2009.
- Suárez, Eduardo**  
1993. See Guerra, M. et al., 1993.
- Suárez, Javier H.**  
1969. See Mallea, A. R. & J. H. Suárez, 1969.
- Suárez, Lorena H., Wilfredo L. Gonzales and Ernesto Mario Gianoli**  
2009. Foliar damage modifies floral attractiveness to pollinators in *Alstroemeria exerens*. *Evolutionary Ecology* 23(4): 545-555, 3 tabs. (July; published online 20 March 2008) [*Yramea lathonioides* (Blanchard); Chile]
- Suárez, Luz Elena**  
2018. See Urbano, P. M. et al., 2018.
- Suárez, José Raúl**  
2016. See Bermúdez, F. et al., 2016.
- Suárez-Ramírez, Claudia**  
2019. See Lara-Pérez, L. A. et al., 2019.
- Suaza, Juan David**  
2009. See Giraldo, C. E. et al., 2009.
- Suchantke, Andreas** [1933- ]  
1965. *Metamorphosen im Insektenreich. Beitrag zu einem Kapitel Tierwesenkunde*. Stuttgart, Verlag Freies Geistesleben. 80 pp., 36 figs. [general; ecology; evolution; Neotropics]  
1976. Biotoptracht bei südamerikanischen Schmetterlingen. *Elemente der Naturwissenschaft* 25: 1-8, 10 figs. [general; mimicry; Peru]  
1982. *Der Kontinent der Kolibris. Landschaften und Lebensformen in den Tropen Südamerikas*. Stuttgart, Verlag Freies Geistesleben. 444 pp., 16 pls., 266 figs. [general]
- Sudbrink, Donald L.**  
2000. See Medal, J. C. et al., 2000.
- Sudharto, Prawirosukarto**  
2002a. See Desmier de Chenon, R. et al., 2002a.  
2002b. See Desmier de Chenon, R. et al., 2002b.
- Sudo, S.**  
1982. See Oliveira, A. M. de et al., 1982.
- Süffert, Fritz** [1891-1945]  
1924a. Die Schillerfarben der Schmetterlinge. *Der Naturforscher* 1(3): 97-105, 1 pl., 5 figs. (June)

- [general; morphology]
- 1924b. Morphologie und Optik der Schmetterlingsschuppen, insbesondere die Schillerfarben der Schmetterlinge. *Zeitschrift für Morphologie und Oekologie der Tiere* (A) 1(2): 171-308, pls. 5-9, 16 figs. (15 July) [with parts by H. Zocher] [general]
1925. Geheime Gesetzmässigkeiten in der Zeichnung der Schmetterlinge. *Revue suisse de Zoologie* 32(10): 107-111 (July) [general]
1926. Die Flügelschuppen der Schmetterlinge, ihr Bau und ihre Farben. *Mikroskopie für Naturfreunde* 4(1): 1-9, figs. 1-2 (January), (3): 65-77, pl. 4, figs. 3, 5-7, 9, 11-12 (March) [general]
1927. Zur vergleichenden Analyse der Schmetterlingszeichnung (Vorläufige Mitteilung). *Biologisches Zentralblatt* 47(7): 385-413, 9 figs. (July) [general]
1929. Morphologische Erscheinungsgruppen in der Flügelzeichnung der Schmetterlinge, insbesondere die Querbindenzeichnung. *Wilhelm Roux' Archiv für Entwicklungsmechanik der Organismen* 120: 299-383, 51 figs. [general]
1932. Phänomene visueller Anpassung. I. bis III. Mitteilung. *Zeitschrift für Morphologie und Oekologie der Tiere* 26(1/2): 147-316, pls. 1-5 (16 December) [*Opsiphanes* sp.; pupa]
1943. See Kinder, E. & F. Süffert, 1943.
- Süssenbach, Dirk**  
2008a. See Häuser, C. L. et al., 2008.  
2008b. See Fiedler, K. et al., 2008.
- Suffert, Ernst** [? -1907]  
1896. [Notes]. *Berliner entomologische Zeitschrift* 41(1): (5)-(7) (late May) [*Morpho* spp.; Colombia]  
1897. [Notes]. *Berliner entomologische Zeitschrift* 42(1/2): (3)-(6), (10) (mid November) [general; Mexico, South America]
- Sugimoto, Takeshi**  
1970. See Takáhashi, M. & T. Sugimoto, 1970.
- Sugino, Takushi**  
2013. See Miyako, E. et al., 2013.
- Suh, David**  
2012. See Russell, J. A. et al., 2012.
- Sujii, Edison Ryoiti**  
2014. See Paula, D. P. et al., 2014.
- Sullivan, James Bolling**  
2009. See Janzen, D. H. et al., 2009.  
2012. See Robbins, R. K. et al., 2012b.
- Sullivan, Kevin A. M.**  
2019. See Ray, D. A. et al., 2019.
- Sullivan, Sharon**  
1987. Guarding the Monarch's kingdom. *International Wildlife* 17(6): 4-11, figs. ([October]) [*Danaus plexippus* (Linnaeus); migration; conservation; Mexico]
- Sulzer, Johann Heinrich** [1735-1814]  
1776. *Abgekürzte Geschichte der Insecten. Nach dem Linnaeischen System*. Winterthur, H. Steiner & Co. 1: xxvii + 274 pp.; 2: 72 pp., 32 pls. ([21 April]) [general; new species: *Papilio peleus*, *P. arcesilaus*, *P. hesione*, *P. lamia*, *P. aetolus*]
- Sumerford, Douglas V.**  
2011. See Coates, B. S. et al., 2011.
- Sun, B. F., J. H. Xiao, S. M. He, L. Liu, R. W. Murphy and Da-Wei Huang**  
2013. Multiple ancient horizontal gene transfers and duplications in lepidopteran species. *Insect molecular Biology* 22(1): 72-87, 7 figs., 2 tabs. (February; published online 5 December 2012) [*Heliconius melpomene* (Linnaeus)]
- Sun, Cheng**  
2018. See He, J. et al., 2018.
- Sun, J. J., and Dessie L. A. Underwood**  
2011. Maintenance of sociality in a communal caterpillar, *Eucheira socialis westwoodi* (Lepidoptera: Pieridae). *Evolutionary Ecology Research* 13(6): 625-635, 2 figs., 1 tab. (September) [host plant; behavior; Mexico]
- Sun, Xiao-Yan**  
2015. See Shi, Q.-H. et al., 2015.  
2017. See Su, C.-Y. et al., 2017.
- Sun, Yinlong**  
2006. Rendering biological iridescences with RGB-based renderers. *ACM Transactions on Graphics* 25(1): 100-129, 25 figs. (January) [*Morpho*; morphology]
- Sundberg, Adam D.**  
2012. See Barve, N. et al., 2012.
- Suomalainen, Esko** [1910-1995]  
1985. See Brown, K. S., Jr. & E. Suomalainen, 1985.  
1992. See Brown, K. S., Jr. et al., 1992.  
1995. See Emmel, T. C. et al., 1995.  
2004. See Brown, K. S., Jr. et al., 2004.
- Suomalainen, Esko, and Keith Spalding Brown, Jr.**  
1984. Chromosome number variation within *Philaethria* butterflies (Lepidoptera: Nymphalidae, Heliconiini). *Chromosoma* 90(3): 170-176, 4 figs. (September) [general; South America]
- Suomalainen, Esko, Laurence M. Cook and John Richard George Turner**  
1972. Chromosome numbers of heliconiine butterflies from Trinidad, West Indies (Lepidoptera, Nymphalidae). *Zoologica* (New York) 56(4): 121-124, 4 figs., 2 tabs. (7 August) [general; Neotropics]  
1973. Achiasmatic oogenesis in the heliconiine butterflies. *Hereditas* 74(2): 302-304, 2 figs. (17 October) [general; genetics; Trinidad]
- Suplicy, Nelson, Filho**  
1978. See Zanuncio, J. C. et al., 1978.  
1979. See Zanuncio, J. C. et al., 1979.
- Suplicy, Nelson, Filho, Eloys Jacskmolley Giacomelli, Amauri (Amaury) Silva Sampaio and Antônio Orlando**  
1966. Experiências sobre o controle químico da broca do fruto do abacaxizeiro - *Thecla basilides* (Geyer). *Lepidoptera - Lycaenidae. O Biológico* (São Paulo) 32(6): 122-126, 3 figs., 2 tabs. (June) [life history; Brazil]
- Supple, Megan Ann**  
2012. See Dasmahapatra, K. K. et al., 2012.  
2016. See Nadeau, N. J. et al., 2016.  
2017. See Van Belleghem, S. M. et al., 2017.
- Supple, Megan Ann, Heather M. Hines, Kanchon Kumar Dasmahapatra, James J. Lewis, Dahlia M. Nielsen, Christine A. Lavoie, David A. Ray, Camilo Andrés Salazar, William Owen McMillan and Brian A. Counterman**  
2013. Genomic architecture of adaptive color pattern divergence and convergence in *Heliconius* butterflies. *Genome Research* 23(8): 1248-1257, 5 figs., 1 tab. (August; published online 14 May) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus); Panama, Ecuador, Peru, French Guiana]
- Supple, Megan Ann, Riccardo Papa, Heather M. Hines, William Owen McMillan and Brian A. Counterman**  
2015. Divergence with gene flow across a speciation continuum of *Heliconius* butterflies. *BMC evolutionary*

- Biology* 15(204): 1-12, 4 figs. (24 September) [*H. erato* (Linnaeus), *H. himera* Hewitson; Panama, Ecuador, Peru, French Guiana]
- Surlykke, Annemarie**  
 2000a. See Fullard, J. H. et al., 2000.  
 2000b. See Yack, J. E. et al., 2000.  
 2003. See Minet, J. & A. Surlykke, 2003.  
 2007. See Yack, J. E. et al., 2007b.
- Surman, Cheryl**  
 2012. See Pris, A. D. et al., 2012.
- Surridge, Alison K.**  
 2010. See Salazar, C. A. et al., 2010.  
 2011. See Ferguson, L. C. et al., 2011a.  
 2012. See Dasmahapatra, K. K. et al., 2012.
- Surridge, Alison K., Sara López, Simon Moxon, Luana Santoro Maroja, Tina Rathjen, Nicola J. Nadeau, Tamas Dalmay and Christopher David Jiggins**  
 2011. Characterisation and expression of microRNAs in developing wings of the neotropical butterfly *Heliconius melpomene*. *BMC Genomics* 12(62): 1-10, 4 figs. (26 January)
- Sutton, Patricia**  
 2007. A swift guide to the butterflies of Mexico and Central America, by Jeffrey Glassberg. 2007. Butterflies of Northeastern Mexico by Kim Garwood & Richard Lehman. 2005. *American Butterflies* 15(3/4): 68-71, 2 figs. [general; book reviews]
- Suzuki, Kosuke, and Masato Yoshino**  
 2017. Aerodynamic comparison of a butterfly-like flapping wing-body model and a revolving-wing model. *Fluid Dynamics Research* 49(3)(035512): 1-26, 15 figs., 1 tab. (June; published online 11 May) [*Janatella leucodesma* (C. Felder & R. Felder)]  
 2019. A trapezoidal wing equivalent to a *Janatella leucodesma*'s wing in terms of aerodynamic performance in the flapping flight of a butterfly model. *Bioinspiration & Biomimetics* 14(3)(036003): 1-15, 14 figs., 2 tabs. (May; published online 14 February)
- Suzuki, Takao K.**  
 2017. *Camouflage variations on a theme of the nymphalid ground plan*, pp. 39-58, 8 figs. In: Sekimura, T. & H. F. Nijhout (Eds.), *Diversity and evolution of butterfly wing patterns. An integrative approach*. Singapore, Springer Nature. (published online 30 August) [general]
- Suzuki, Takao K., Shuichiro Tomita and Hideki Sezutsu**  
 2014. Gradual and contingent evolutionary emergence of leaf mimicry in butterfly wing patterns. *BMC evolutionary Biology* 14(229): 1-13, 5 figs. (25 November) [general]  
 2019. Multicomponent structures in camouflage and mimicry in butterfly wing patterns. *Journal of Morphology* 280(1): 149-166, 13 figs., 2 tabs. (January; published online 17 December 2018) [general]
- Suzuki, Yoshiko**  
 1988. Evolution of mating strategies in butterflies. *Special Bulletin of lepidopterological Society of Japan* 6: 301-321, 2 figs., 1 tab. (30 September) [In Japanese] [general]
- Suzuki, Yoshiyuki**  
 2010. See Nozawa, M. et al., 2010.
- Swain, Humphrey Drummond** [1902-1959]  
 1951. [A note]. *Proceedings and Transactions of the South London entomological and natural History Society* 1950-51: 46 [general; Neotropics]  
 1958. [A note]. *Proceedings and Transactions of the South London entomological and natural History Society* 1957: 40 (October) [*Agrias, Prepona*; South America]
- Swainson, Emily Mary**  
 1898. [A note]. *Journal of the Institute of Jamaica* 2(5): 469 (28 March) [*Lucinia cadma* (Drury); Jamaica]  
 1901. Notes on lepidopterous larvae from Jamaica, B. W. I. *Journal of the New York entomological Society* 9(2): 77-82 (June) [general]
- Swainson, Emily Mary, and Henry Skinner**  
 1914. The larva of *Papilio homerus* (Lepid., Rhop.). *Entomological News* 25(8): 348-349, pl. 16, fig. 2 ("October", [30 September]) [Jamaica]
- Swainson, William John** [1789-1855]  
 1820-23. *Zoological illustrations, or original figures and descriptions of new, rare, or interesting animals, selected chiefly from the classes of ornithology, entomology, and conchology, and arranged on the principles of Cuvier and other modern zoologists*. London, Baldwin, Cradock, and Joy & W. Wood. 1(1): pls. 1-6 + text (October 1820), (2): pls. 7-12 + text (November 1820), (3): pls. 13-18 + text (December 1820), (4): pls. 19-24 + text (January 1821), (5): pls. 25-30 + text (February 1821), (6): pls. 31-36 + text (March 1821), (7): pls. 37-42 + text (April 1821), (8): pls. 43-48 + text (May 1821), (9): pls. 49-54 + text (June 1821), (10): pls. 55-60 + text (July 1821), (11): pls. 61-66 + text (August 1821), (12): [preface, indices] (15 September 1821); 2(13): pls. 67-71 + text (September 1821), (14): pls. 72-75 + text (October 1821), (15): pls. 76-83 + text (November-December 1821), (16): pls. 84-87 + text (January 1822), (17): pls. 88-91 + text (February 1822), (18): pls. 92-95 + text (March 1822), (19): pls. 96-99 + text (April 1822), (20): pls. 100-103 + text (May 1822), (21): pls. 104-107 (June 1822), (22): pls. 108-111 + text (July 1822), (23): pls. 112-115 + text (August 1822), (24): pp. [i-xxi], pls. 116-199 + text (September 1822); 3(25): pls. 120-124 + text (October 1822), (26): pls. 125-129 + text (November 1822), (27): pls. 130-134 + text (December 1822), (28): pls. 135-139 + text (January 1823), (29): pls. 140-144 + text (February 1823), (30): pls. 145-149 + text (March 1823), (31): pls. 150-154 + text (April 1823), (32): pls. 155-159 + text (May 1823), (33): pls. 160-164 + text (June 1823), (34): pls. 165-179 + text (July 1823), (35): pls. 180-184 + text (August 1823), (36): pls. 185-189 + text (September 1823), (37): pls. 189-192 + text (October 1823), (38): pp. 1-x, [xi-xxvii] (1823) [general; new taxa: *Licina*, *Terias*, *Hesperia haworthiana*, *Colias godartiana*, *Hesperia itea*, *H. cynisca*, *Tamyris* (new genus) *nurscia*, *T. laonome*, *Papilio harrisianus*, *Thecla macaria*, *Papilio polybius*, *Satyrus argenteus*; Neotropics]  
 1827. A sketch of the natural affinities of the Lepidoptera Diurna of Latreille. *Philosophical Magazine* 2(1)(3): 180-188 (March) [general; new taxa: Papilionina, Coliana, Paphiana; South America]  
 1829-33. *Zoological illustrations, or original figures and descriptions of new, rare or interesting animals, selected chiefly from the classes of ornithology, entomology, and conchology, and arranged according to their apparent affinities. Second series*. London, Baldwin, Cradock, and Joy & W. Wood. 1(1): 1-5, pls. 1-5 (1829), (2): 6-9, pls. 6-9 (1829), (3): 11-15, pls. 11-15 (April 1829), (4): 16-20, pls. 16-20 (1829), (5): 21-25, pls. 21-25 (1829), (6): 26-30, pls. 26-30 (1829), (7): 31-35, pls. 31-35 (1830), (8): 36-40, pls. 36-40 (1830), (9): 41-45, pls. 41-45 (1830), (10): i-xv (1830); 2(11): 46-50, pls. 46-50 (January 1831), (12): 51-55, pls. 51-



- 55 (February 1831), (13): 56-60, pls. 56-60 (March 1831), (14): 61-65, pls. 61-65 (April 1831), (15): 66-70, pls. 66-70 (May 1831), (16): 71-75, pls. 71-75 (June 1831), (17): 76-80, pls. 76-80 (July 1831), (18): 81-85, pls. 81-85 (August 1831), (19): 86-90, pls. 86-90 (1832), (20): i-ix, 91, pl. 91 (1832); 3(21): 92-96, pls. 92-96 (1832), (22): 97-101, pls. 97-101, (23); 102-106, pls. 102-106, (24): 107-111, pls. 107-111, (25): 112-116, pls. 112-116, (26): 117-121, pls. 117-121, (27): 122-126, pls. 122-126, (28): 127-131, pls. 127-131, (29): i-xx, 132-136, pls. 132-136 (1833) [general; new taxa: *Rhetus* (new genus) *cramerii*, *Marius* (new genus) *cinna*, *Eudamus* (new genus) *agesilaus*, *E. doryssus*, *Amynthia*, *Cynthia* (new genus) *swainsonia*, *Euterpe* (new genus) *terea*, *Peleus* (new genus) *aeacus*, *Pieris* (*Melete*) *limnobia*, *Endymion*, *Arcas*, *Protesilaus* (new genus) *leilus*, *P. swainsonius*, *Marius* (*Petreus*) *tethys*, *Zeonia* (new genus) *heliconides*, *Thoas* (new genus) *lysithous*; Neotropics]
- Swainson, William John, and William Edward Shuckard**  
1840. *On the history and natural arrangement of insects*. In: Lardner, D. (Ed.), *The Cabinet Cyclopaedia*. London, Longman, Orme, Brown, Green & Longmans, and John Taylor. [10] + 406 pp., figs. ([19 December]) [general]
- Swan, H. C.**  
1893. Amateur insect collecting in British Guiana. *Timehri* (2)7: 109-117 [general]
- Sweadner, Walter R.** [1903-1951]  
1942. Butterflies and moths. The rich collection at the Carnegie Museum. *Carnegie Magazine* 15: 227-230, figs. [general]
- Sweeney, Alison, Christopher David Jiggins and Sönke Johnsen**  
2003. Polarized light as a butterfly mating signal. *Nature* (London) 423(6935): 31-32, 2 figs. (1 May) [*Heliconius cydno chioneus* Bates, *H. melpomene malleti* Lamas]
- Sweet, Jessie M.**  
1970. The collection of Louis Dufresne (1752-1832). *Annals of Science* 26(1): 33-71, pls. 4-6 [general; history]
- Swengel, Ann B.**  
1999. 4th of July Butterfly Count Column. News from the '98 counts. *American Butterflies* 7(1): 46 [general; Mexico]  
2000a. 4th of July Butterfly Count Column. News from the '99 counts. *American Butterflies* 8(1): 46, 1 graph [Mexico]  
2000b. 4th of July Butterfly Count Column. How many species can you count? *American Butterflies* 8(3): 46, 1 graph [Mexico]  
2000c. 4th of July Butterfly Count Column. How many individuals can you count? *American Butterflies* 8(4): 50, 1 graph [Mexico]  
2001a. The NABA National Butterfly Counts. Natural fireworks. *American Butterflies* 9(2): 14-23, figs. [general; Mexico]  
2001b. NABA 4th of July Butterfly Count Column, News from the 2000 counts. *American Butterflies* 9(2): 50, 1 graph [Mexico]  
2002a. Red admirals: Boom in 2001! *American Butterflies* 10(2): 47, 1 map [*Vanessa atalanta* (Linnaeus); Mexico]  
2002b. Red admirals: Bust in 1996! *American Butterflies* 10(3): 41, 1 map [*Vanessa atalanta* (Linnaeus); Mexico]  
2002c. Red admirals: A typical year. *American Butterflies* 10(4): 40, 1 map. [*Vanessa atalanta* (Linnaeus); Mexico]
- 2003a. Red admirals: Bust in 2002! *American Butterflies* 11(2): 37, 1 map. [*Vanessa atalanta* (Linnaeus); Mexico]  
2003b. How many species in 2002. *American Butterflies* 11(3): 40, 1 map. [general; Mexico]  
2003c. How many species in 2001. *American Butterflies* 11(4): 36, 1 map. [general; Mexico]  
2004a. News from the 2003 counts. *American Butterflies* 12(1): 40. [general; Mexico]  
2004b. Species accumulation curves. *American Butterflies* 12(2): 44, 1 graph [general; Mexico]  
2005. News from the 2004 counts. *American Butterflies* 13(1): 39 [general; Mexico]  
2009. Transcontinental travelers. *American Butterflies* 17(3): 38-39, 1 graph [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Swenson, Ulf**  
2012. See Terra-Araújo, M. H. et al., 2012.
- Swezey, Otto Herman** [1869-1959]  
1913. Miscellaneous notes. *Proceedings of the hawaiian entomological Society* 2(4): 193-194 ([22] April) [*Thecla echion* (Linnaeus), *T. agra* Hewitson; host plants; larvae; Mexico]  
1923. Records of introduction of beneficial insects into the Hawaiian Islands. *Proceedings of the hawaiian entomological Society* 5(2): 299-304 ([4] September) [*Thecla echion* (Linnaeus), *T. agra* Hewitson; host plants; Mexico]  
1924. See Perkins, R. C. L. & O. H. Swezey, 1924.  
1925a. Biographical sketch of Albert Koebele in Hawaii. *The hawaiian Planters' Record* 29(4): 364-368, 2 figs. (October) [*Thecla echion* (Linnaeus), *T. agra* Hewitson; Mexico]  
1925b. Records of introduction of beneficial insects into Hawaiian Islands. *The hawaiian Planters' Record* 29(4): 369-376 (October) [*Thecla* spp.; Mexico]  
1940. Distribution of Lepidoptera in Pacific Island groups. *Proceedings of Sixth Pacific Science Congress* (Berkeley) 4: 317-324, 1 tab. [general; Galapagos]
- Swift, Hewson Hoyt** [1920-2004]  
1946. North American species of the genus *Hoplismenus* (Hymenoptera: Ichneumonidae). *Annals of the entomological Society of America* 39(3): 397-410, 1 pl. ("September" [6 December]) [*Anemeca ehrenbergii* (Geyer); parasitoid; Mexico]
- Swihart, Stewart L.**  
1963. The electroretinogram of *Heliconius erato* (Lepidoptera) and its possible relation to established behavior patterns. *Zoologica* (New York) 48(4): 155-162, 2 pls., 6 figs. (31 December) [physiology]  
1964. The nature of the electroretinogram of a tropical butterfly. *Journal of Insect Physiology* 10(4): 547-562, 24 figs. (August) [*Heliconius erato hydara* Hewitson; Trinidad]  
1965. Evoked potentials in the visual pathway of *Heliconius erato* (Lepidoptera). *Zoologica* (New York) 50(1): 55-62, pls. 1-3, 1 fig. (28 May) [physiology]  
1967a. Hearing in butterflies (Nymphalidae: *Heliconius*, *Ageronia*). *Journal of Insect Physiology* 13(3): 469-476, 13 figs. (March) [*H. erato adonis* Riffarth, *A. feronia* (Linnaeus); Trinidad]  
1967b. Neural adaptations in the visual pathway of certain heliconiine butterflies, and related forms, to variations in wing coloration. *Zoologica* (New York) 52(1): 1-14, 8 figs. (23 June) [general; physiology]  
1967c. Maturation of the visual mechanisms in the Neotropical butterfly, *Heliconius sarae* [sic]. *Journal of Insect*

- Physiology* 13(11): 1679-1688, 13 figs., 1 tab. (November) [Trinidad]
1968. Single unit activity in the visual pathway of the butterfly, *Heliconius erato*. *Journal of Insect Physiology* 14(11): 1589-1601, 16 figs. (November) [*H. e. adonis* Riffarth; Trinidad]
- 1972a. The neural basis of colour vision in the butterfly *Heliconius erato*. *Journal of Insect Physiology* 18(5): 1015-1025, 7 figs. (May) [*H. e. colombinus* Staudinger; Panama]
- 1972b. Variability and the nature of the insect electroretinogram. *Journal of Insect Physiology* 18(6): 1221-1240, 15 figs. (June) [general; Trinidad, Panama]
- 1972c. Modelling the butterfly visual pathway. *Journal of Insect Physiology* 18(10): 1915-1928, 8 figs. (October) [*Morpho amathonte centralis* Staudinger; Panama]
- Swihart, Stewart L., and John G. Baust**
1965. A technique for the recording of bioelectric potentials from free-flying insects (Lepidoptera: *Heliconius erato*). *Zoologica* (New York) 50(4): 255-258, 2 pls. (31 December) [physiology]
- Swihart, Stewart L., and William C. Gordon**
1971. Red photo receptor on the eyes of butterflies. *Nature* (London) 231(5298): 126-127, 2 figs. (14 May) [general; biophysics]
- Swinthrottle, Reginald B.** [pseudonym; = P. J. DeVries, q.v.]
1997. A commentary on the recent book, Butterflies of Costa Rica and their natural history: vol. 2. *Journal of Research on the Lepidoptera* 34(1/4): 154-160, 1 tab. (15 December) [Riodinidae; book review]
- Swinerton, Kirsty Jane**
2017. See Shiels, A. B. et al., 2017.
- Swinton, Archibald Henry** [?1845-1936]
1877. On stridulation in the genus *Ageronia*. *Entomologists' monthly Magazine* 13(153): 207-208 (February) [*A. feronia* (Linnaeus)]
- [1880]. *Insect variety: its propagation and distribution. Treating of the odours, dances, colours, and music in all grasshoppers, cicadas, and moths; beetles, leaf-insects, bees and butterflies; bugs, flies, and ephemerae: and exhibiting the bearing of the science of entomology on geology*. London, Paris & New York, Cassell, Petter, Galpin & Co. x + 326 pp., frontisp., 7 pls., 15 figs. [general]
1909. The family tree of moths and butterflies traced in their organs of sense. *Societas entomologica* 23(20): 156-158 (15 January), (21): 162-165 (1 February) [general; behavior]
1911. The vocal and instrumental music of insects. *Zoologist* (4)15 (169): 14-24 (16 January) [general; Neotropics]
- Syed, Datuk Rahman Anwar**
1994. Estudio del manejo de plagas en palma de aceite en Colombia. *Palmas* (Bogotá) 15(2): 55-68, 1 tab. [*Opsiphanes cassina* C. Felder & R. Felder, *Brassolis*; host plants]
- Sykes, Mark Langdale** [1855-1928]
1898. Natural selection in the Lepidoptera. *Transactions and annual Report. Manchester microscopical Society* 1897: 54-64, 8 pls. (16 July) [general; mimicry]
1902. Evolution in butterfly scales. *Annual Report and Transactions. Manchester microscopical Society* 1901: 82-87, 10 figs. (7 June) [general; mimicry]
1904. Protective resemblance in the Insecta. *Proceedings of the Manchester Field Club* 1: 183-235, pls. 3-10, figs. 4-30 + [2] [general; mimicry]
- Szejner-Sigal, Andre**
2019. See Thurman, T. J. et al., 2019.
- Szobotka, Roberto**
2017. See Santos, A. et al., 2017.
- Szoltzman, Jan** [1854-1928]
1912. *Peru. Wspomnienia z podróży*. Warszaw, Gebethner i Wolff; Krakow, G. Gebethner i Spółka. 1: [8] + iv + 307 pp., 1 map; 2: [6] + 267 pp. [general]
- Szucsich, Nikolaus U.**
2005. See Krenn, H. W. et al., 2005.
- Szumkowski, Waclaw** [1882-1967]
1953. *Cienfuegosia affinis* (H.B.K.)Kochr. (*Hibiscus sulphureus* H.B.K.) malvácea silvestre, hospedera de insectos dañinos del algodonero en Venezuela. *Agronomía tropical* (Maracay) 3(1): 3-12, 6 figs., 1 tab., 1 map (April-June) [*Thecla melinus* Hübn.; host plant]
1957. See Fernández, F. J. et al., 1957.
- Szumkowski, Waclaw, and Francisco José Fernández**
1963. Insecta y Arachnida relacionados con *Gossypium* en Venezuela. Lista preliminar. *Agronomía tropical* (Maracay) 13(2): 83-88 (July-September) [*Thecla* (*Strymon*) *melinus* Hübn., *T. sabinus* Felder]
- Szyszo, Witold de** [1881-1963]
1955. *La Naturaleza en la América Ecuatorial. Descripción de la naturaleza de la región amazónica del Perú, Brasil, Bolivia, Ecuador, Colombia, Venezuela y de la Guayana. Observaciones hechas durante doce viajes en los años 1904 a 1953*. Lima, Sanmarti y Cía. vii + 528 pp., 51 figs. (5 February) [general]

# T

- Tabarelli, Marcelo**  
 2016. See Filgueiras, B. K. C. et al., 2016.  
 2019. See Filgueiras, B. K. C. et al., 2019.
- Tabares, Mauricio**  
 2000. See Parra, M. L. et al., 2000.
- Tabata, Hiroshi**  
 1994a. See Akimoto, M. et al., 1994.  
 1994b. See Nakagoshi, M. et al., 1994.  
 1994c. See Kumazawa, K. et al., 1994.  
 1996a. See Kumazawa, K. et al., 1996.  
 1996b. See Kumazawa, K. & H. Tabata, 1996.  
 2001. See Kumazawa, K. & H. Tabata, 2001.
- Tabata, Hiroshi, Toshinori Hasegawa, Motoko Nakagoshi, Shin-ichiro Takikawa and Motoo Tsusue**  
 1996. Occurrence of biopterin in the wings of *Morpho* butterflies. *Experientia* 52: 85-87, 3 figs.
- Tabata, Hiroshi, Kinya Kumazawa, Masami Funakawa, Jun-ichi Takimoto and Makio Akimoto**  
 1996. Microstructures and optical properties of scales of butterfly wings. *Optical Review* 3(2): 139-145, 10 figs. [*Morpho sulkowskyi* Kollar, *M. adonis* (Cramer)]
- Tablante, Pedro A.**  
 [1992]. See Jaffé, K. et al., [1992].
- Tacachiri, Diego**  
 2006. See Quinteros, R. et al., 2006b.
- Tacioli, André**  
 2018. See Freitas, A.V. L. et al., 2018c
- Taeger, Andreas, and Reinhard Gaedike**  
 2001. On the papers "Systema Glossatorum..." of Fabricius (1807) and "Die neueste Gattungs-Eintheilung der Schmetterlinge..." of Illiger (1807) and the consequences for authorship of several generic names. *Nota lepidopterologica* 24(1/2): 85-88 (10 August) [general]
- Taffe, Cecil Adolphus** [1952-2006]  
 1983. The biology of the mud-wasp *Zeta abdominale* (Drury) (Hymenoptera: Eumenidae). *Zoological Journal of the Linnean Society* 77(4): 385-393, 5 figs., 2 tabs. ([27] April) [*Calisto zangis* (Fabricius); predator; Jamaica]
- Tagle, Agustín**  
 1999. See Treviño, G. & A. Tagle, 1999.
- Tähtinen, Petri**  
 2015. See Vihakas, M. et al., 2015.
- Taira, Wataru, Seira Kinjo and Joji M. Otaki**  
 2015. The marginal band system in nymphalid butterfly wings. *Zoological Science* 32(1): 38-46, 11 figs. (January) [general; morphology; Neotropics]
- Tait, William Chester** [1844-1928]  
 1894a. Migration of Lepidoptera. *Entomologist* 27(371): 133-134 (April) [general; Brazil]  
 1894b. O mimetismo nos insectos americanos. *Annaes de Sciencias naturaes* (Porto) 1(3): 101-108 (June) [general; behavior; Brazil]
- Tákács, Maritza, and Carlos Tello**  
 1993a. Notas sobre la biología de *Morpho deidamia* Hubner [sic] 1819 (Lepidoptera: Nymphalidae). *Revista peruana de Entomología* 35: 37-40, 8 figs. ("30 June", 20 October) [egg, larva, pupa, imago; host plant; ecology; behavior; Peru]  
 1993b. Notas sobre la biología de *Agrias amydon boliviensis* Fruhstorfer, 1915 (Lepidoptera: Nymphalidae). *Revista peruana de Entomología* 35: 41-44, 8 figs. ("30 June", 20 October) [egg, larva, pupa, imago; host plant; ecology; behavior; Bolivia]  
 1994a. Notas sobre la biología de *Morpho rhetenor* f. *cacica* Staudinger, 1875 (Lepidoptera: Nymphalidae). *Revista peruana de Entomología* 36: 31-34, 7 figs. ("11 August", 20 October) [egg, larva, pupa; host plant; behavior; Peru]  
 1994b. Notas sobre la biología de *Papilio aristeus lenaeus* Doubleday (Lepidoptera: Papilionidae). *Revista peruana de Entomología* 36: 35-37, 4 figs. ("11 August", 20 October) [egg, larva, pupa; host plant; behavior; Bolivia]
- Takahashi, Hiroshi**  
 1978a. [Two rare butterflies of Mexico, *Papilio esperanza* and *Anetia thirza*] [In Japanese]. *Chô Chô* 1(7): 2-7, 2 pls., 1 map (July)  
 1978b. [The butterfly of the cover (*Papilio abderus electryon* Bates, 1864)] [In Japanese]. *Chô Chô* 1(9): 5-7, 1 pl., 1 map (September) [Mexico; El Salvador]  
 1979. [*Agrias amydon amydon* Hewitson, 1851 f. *oaxacata* kruck [sic], 1931] [In Japanese]. *Chô Chô* 2(3): 2-5, 2 pls., 1 map. (March) [Mexico]
- Takahashi, Mayumi**  
 1968. Butterflies of the Colombian Andes. [In Japanese]. [*The Nature and Insects*] 3(8): 9-14, 2 pls., 7 figs. [general]  
 1971. Butterfly fauna of the Santa Marta mountains, northern Colombia, South America. Entomological Report from the 1st Scientific Expedition of Shizuoka University to the Colombian Andes, 1967. [In Japanese]. *Shizuoka Daigaku Chigaku Kenkyû Hôkoku* [Geological Reports of Shizuoka University] 2(2): 119-127, pl. 6, 1 fig. [general]  
 1973a. A list of the genera *Mechanitis* and *Melinaea* (Danaiidae, Ithomiinae) collected in the Santa Marta mountains and its vicinity, Colombia, South America. *Tyô to Ga* 23(2): 43-45, pls. 1-2, 1 tab. (31 January) [general; ecology]  
 1973b. A list of the genus *Eurema* (Pieridae) collected in the Santa Marta mountains and its vicinity, Colombia, South America. *Tyô to Ga* 23(3/4): 86-90, pls. 1-2, 1 tab. (31 May) [general; ecology; behavior]  
 1973c. Notes on the genus *Morpho* (Lepidoptera: Morphidae) collected in the Santa Marta mountains, Colombia, South America. *Tyô to Ga* 24(4): 107-111, 26 figs. (25 November) [general; ecology; behavior]  
 1974a. The list of the subfamily Heliconiinae (Lepidoptera: Nymphalidae) collected in the Santa Marta mountains and its vicinity, Colombia, South America. *Tyô to Ga* 25(1): 14-25, 58 figs., 2 tabs. (10 February) [general; ecology; behavior]  
 1974b. Notes on *Eutresis*, *Napeogenes* and *Hypothyris*. Danaiidae, Lepidoptera in the Santa Marta mountains and the vicinity, Colombia, S.A. *Reports of Faculty of Science. Shizuoka University* 9: 103-105, pl. 1. [general]  
 1975. Notes on the genus *Anaea* (Lepidoptera: Nymphalidae) collected in the Santa Marta mountains, Colombia, South America. *Tyô to Ga* 26(1): 34-37, 11 figs. (25 December) [general; ecology; behavior]

- 1976a. Notes on the tribe Pronophilini (Lepidoptera: Satyridae) from the Sierra Nevada de Santa Marta, Colombia, South America (I). *Tyô to Ga* 27(3): 107-110, 21 figs. (1 October) [*Sabatoga nevadensis* Schultze, *Lymanopoda caeruleata* Godman & Salvin; ecology; behavior]
- 1976b. A list of the Pieridae, collected in the Sierra Nevada de Santa Marta and the vicinity, Colombia, South America. *Bulletin of the Japan entomological Academy* 10(1): 13-25, 65 figs. (1 December) [general]
- 1977a. The list of the subfamily Heliconiinae (Lepidoptera: Nymphalidae) collected in Colombia and the adjacent area, South America, during the expedition "La Expedición Japonesa a las Zonas Amazónicas, 1973", with description of a new subspecies. *Tyô to Ga* 28(1): 9-24, 67 figs., 3 tabs. (1 March) [general; *Heliconius elevatus schmidt-mummi*; mimicry]
- 1977b. A new species of the genus *Sais* (Lepidoptera: Danaidae). *Tyô to Ga* 28(2): 43-45, 8 figs. (1 June) [*S. browni*; Colombia]
- 1978a. The list of the subfamily Ithomiinae (Lepidoptera: Danaidae) collected during the expedition "La Expedición Japonesa a las Zonas Amazónicas, 1973". *Tyô to Ga* 29(2): 89-95, 45 figs. (1 June) [general; Colombia, Peru]
- 1978b. Notes on the tribe Pronophilini (Lepidoptera: Satyridae) from the Sierra Nevada de Santa Marta, Colombia, South America (II). *Tyô to Ga* 29(3): 139-148, 56 figs. (1 September) [general]
- 1979-81a. [Notes on 30 species of Heliconiinae which I collected in South America] [In Japanese]. *Chô Chô* 2(11): 67-70, 1 fig. (November 1979); 3(2): 18-24, figs. 2-14 (February 1980), (6): 5-9, figs. 15-23 (June 1980), (7): 39-47, figs. 24-44 (July 1980), (10): 2-9, figs. 45-61 (October 1980); 4(1): 18-26, figs. 62-86 (January 1981), (4): 9-12, figs. 87-97 (April 1981), (6): 12-17, figs. 98-110 (June 1981), (8): 30-36, figs. 111-124 (August 1981) [general; Neotropics]
- 1981b. A list of the butterflies of Haeterinae and Biinae (Lepidoptera: Satyridae) collected by two Japanese expeditions in Colombia and Perú, South America. *Tyô to Ga* 32(1/2): 108-116, 31 figs., 1 tab. (20 September) [general]
- 1981c-82. [Notes on 30 species of Heliconiinae which I collected in South America] [In Japanese]. *Chô Chô* 4(10): 2-6, figs. 123-128 (October 1981); 5(5): 33-37, figs. 139-147 (May 1982) [general; Neotropics]
- 1983a. See Torres, R. & M. Takáhashi, 1983.
- 1983b-85. [Notes on 30 species of Heliconiinae which I collected in South America] [In Japanese]. *Chô Chô* 6(7): 15-24, figs. 148-171 (July 1983); 8(12): 7-17, figs. 172-206 (December 1985) [general; Neotropics]
- 1995-96. [Recuerdo de "La Expedición Japonesa a las Zonas Amazónicas, 1973" - sobre la investigación de la fauna de mariposa (sic)]. *The Nature & Insects* 30(14): 36-39, figs. (December 1995); 31(1): 24-27, 5 figs. (January 1996), (2): 21-23, 5 figs. (February 1996), (3): 21-23, 4 figs. (March 1996), (5): 26-28, 5 figs. (April 1996), (6): 30-33, 5 figs. (May 1996), (9): 44-47, 5 figs. (August 1996), (12): 31-34, 3 figs. (November 1996) [general; Colombia, Brazil]
- Takáhashi, Mayumi, and Yoshihiko Kurosawa**  
1974. A list of Papilionidae (Lepidoptera) collected in the Santa Marta mountains and the vicinity, Colombia, S.A. *Reports of Faculty of Science. Shizuoka University* 9: 107-113, pls. 1-2. [general]
- Takáhashi, Mayumi, and Kôroku Negishi**  
1974. Malcolm Barcant (1970): Butterflies of Trinidad Tobago. *Yadoriga* 78: 23-26 (25 April) [general; book review; Venezuela]
- Takáhashi, Mayumi, and Takeshi Sugimoto**  
1970. "Mariposas de Venezuela" (Butterflies and moths of Venezuela) by M. Schmid and B. M. Endicott. *Yadoriga* 63: 20. [general; book review]
- Takáhashi, Mayumi, and Ryuichi Tsuchi**  
1969. Notes on butterflies from Sierra Nevada de Santa Marta and the vicinity, Colombia, South America. Entomological report from the 1st scientific expedition of Shizuoka University to the Colombian Andes. *Reports of Faculty of Science. Shizuoka University* 4: 107-112, 2 pls., 1 fig. (December) [general; ecology]
- Takakura, Tadahi**  
1957. Some information on the Camberwell Beauty, *Nymphalis antiopa*. *Tyô to Ga* 8(1): 9-11, 1 map (15 March) [*N. a. thomsonii* (Butler)]
- Takegami, Carolina**  
2005. See Prieto, C. H. et al., 2005.
- Takikawa, Shin-ichiro**  
1994. See Nakagoshi, M. et al., 1994.  
1996. See Tabata, H. et al., 1996.
- Takimoto, Jun-ichi**  
1996. See Tabata, H. et al., 1996.
- Takizawa, Haruo, Sardis Medrano and Denia Veloz**  
2003. *Guía de mariposas diurnas de la Hispaniola*. Santo Domingo, Museo Nacional de Historia Natural. [v] + 170 pp., 14 pls., 1 fig., maps. [general; distribution; behavior; host plants; Haiti, Dominican Republic]
- Talas, László**  
2017. See Cuthill, I. C. et al., 2017.
- Talavera, Gerard**  
2015. See Espeland, M. et al., 2015.  
2018a. See Espeland, M. et al., 2018.  
2018b. See Schär, S. et al., 2018.
- Talavera, Gerard, Lucas Augusto Kaminiski, André Victor Lucci Freitas and Roger Vila**  
2016. One-note samba: the biogeographical history of the relict Brazilian butterfly *Elkalyce cogina*. *Journal of Biogeography* 43(4): 727-737, 4 figs., 1 tab. (April; published online 25 November 2015) [host plant; Argentina]
- Talavera, Gerard, Vladimir Alexandrovich Lukhtanov, Naomi E. Pierce and Roger Vila**  
2013. Establishing criteria for higher-level classification using molecular data: the systematics of *Polyommatus* blue butterflies (Lepidoptera, Lycaenidae). *Cladistics* 29(2): 166-192, 5 figs., 3 tabs. (April; published online 10 September 2012) [general; Neotropics]
- Talavera, Salvador**  
1997. See Arista, M. et al., 1997.
- Talavera-Magaña, Daniel**  
2010. See García-Herrera, E. J. et al., 2010.
- Talbot, George** [1882-1952]  
1914a. [A note]. *Proceedings of the entomological Society of London* 1913(4): cxxxiii (31 March) [mimicry; Peru]  
1914b. See Rosenberg, W. F. H. & G. Talbot, 1914.  
1916. Rare butterflies from French Guiana. *Proceedings of the entomological Society of London* 1916(2): lxxiii (29 December) [general]  
1917. Some new and little-known examples of resemblance in butterflies. *Proceedings of the entomological Society of London* 1916(3/4): lxxiii-lxxiv (7 June) [*Vila, Eueides*; Peru, Bolivia]  
1918a. See Joicey, J. J. & G. Talbot, 1918a.

- 1918b. See Joicey, J. J. & G. Talbot, 1918b.
- 1918c. See Joicey, J. J. & G. Talbot, 1918c.
1919. Review of A Monograph of the "Castniinae". *Novitates zoologicae* 26(1): 28-35 (28 May) [Riodininae; Ecuador]
1920. Exotic Rhopalocera. *Proceedings of the entomological Society of London* 1920(1/2): v-vii (26 July) [general; Heliconiinae, *Dasyophthalma*]
- 1922a. See Joicey, J. J. & G. Talbot, 1922a.
- 1922b. See Joicey, J. J. & G. Talbot, 1922b.
1923. *The Fruhstorfer collection of butterflies. Catalogue of types with general account and list of the more interesting forms.* Nice, J. Gastaud. 8 + 135 + ix pp., 9 pls. (after 23 May) [cf. Tennent, 2008a] [general; nomina nuda]
- 1924a. See Joicey, J. J. & G. Talbot, 1924a.
- 1924b. See Joicey, J. J. & G. Talbot, 1924b.
- 1924c. See Joicey, J. J. & G. Talbot, 1924c.
- 1925a. See Joicey, J. J. & G. Talbot, 1925.
- 1925b. Forms of *Colias* from Peru. *Proceedings of the entomological Society of London* 1925(1/2): xvi (7 August) [C. *euxanthe* C. Felder & R. Felder]
- 1926a. Notes from the Hill Museum, Witley, Surrey. *Entomologist* 59(752): 15 (January) [Agrias]
- 1926b. An abnormal *Morpho menelaus*. *Proceedings of the entomological Society of London* (A) 1(1): 5-6 (3 November) [French Guiana, Brazil]
- 1928a. A new form of *Papilio* from Colombia. *Bulletin of the Hill Museum* 2(1): 28 (8 February) [*P. ariarathes gayi* form *albicans*]
- 1928b. See Joicey, J. J. & G. Talbot, 1928.
- 1928c. See Collenette, C. L. & G. Talbot, 1928.
- 1928d. List of Rhopalocera collected by Mr. C. L. Collenette in Matto Grosso, Brazil. *Bulletin of the Hill Museum* 2(3): 192-220, pls. 8-10 (17 November) [general; new taxa: *Papilio lysander mattogrossensis*, *Daptonoura lysimnia* form or subspecies *bianca*, *Narope cyllastros denticulatus*, *Morpho menelaus mattogrossensis*, *Eunica bechina magnipunctata*, *Catagramma kolya connectens*, *C. peristera mattogrossensis*, *C. texa ornata*, *C. splendens* form *concolor*, *C. s. coerulea*, *Callicore candrena longfieldae*, *Adelpha thoasa cuyaba* form *brevifascia*, *Hypna clytemnestra corumbaensis*, *Cremna actoris cuyabaensis*, *Caria trochilus parva*, *Thisbe irenea interjecta*, *Anatole zygia restricta*, *Joiceya* (new genus) *praeclarus*, *Orimba hamatus*, *Heliconius melpomene burchelli* form *obscurifascia*, *H. m. b.* form *curvifascia*]
- 1928e. Seven new forms of *Delias* (Lep. Pieridae). *Bulletin of the Hill Museum* 2(3): 224-228 (17 November) [*Ageronia arethusa* (Cramer)]
- 1929a. The identity of *Papilio monuste* Linné (Lep. Rhop. Pieridae). *Bulletin of the Hill Museum* 3(1): 52-56 (30 April) [general]
- 1929b. New forms of butterflies from South America. *Bulletin of the Hill Museum* 3(1): 81-84, pls. 1-2 (30 April) [general; *Papilio erithalion cantinela*, *Dismorphia orise interposita*, *Morpho didius* form *incompta*, *Mesosemia flavofasciata*, *Emesis glaucescens*; Colombia, Peru]
- 1929c. New mimetic forms of Lepidoptera. *Proceedings of the entomological Society of London* (A) 4(1): 52 (31 July) [*Papilio*, *Brassolis*; Ecuador]
- 1929d. New forms of butterflies from South America. *Bulletin of the Hill Museum* 3(2): 143-147, pls. 3-4 (29 August) [general; *Papilio cacicus upanensis*, *Ceratinia inana*, *Leucothyris zelica cuneata*, *Argyrogramma pulchra*, *A. sticheli*; Ecuador, Colombia, French Guiana]
1930. Should all variations receive names? *Entomologist's Record and Journal of Variation* 42(5): 70 (15 May) [*Heliconius*]
1931. On the status of some generic names in the family Pieridae (Lep. Rhop.). *Entomologist* 64(821): 227-232 (October) [general]
- 1932a. New species and forms of Lepidoptera from South America. *Bulletin of the Hill Museum* 4(3): 189-197 (26 January) [general; *Papilio belus* aberration *gastoni*, *Thyridia confusa denigrata*, *Ceratinia fluonia* form *fulvifascia*, *Scada reckia* form *delicata*, *Heliconius seraphini*, *Anaea polyxo angustifascia*, *Dynamine tithea dentilinea*, *D. sara colombiana*, *D. s. intermedia*, *D. geta braziliensis*, *D. decima mediofasciata*, *Pyrrhogyra neaerea* aberration *melanotica*, *Nessaea aglaura ecuadorensis*, *Actinote naura unicolor*, *Morpho hecuba krugeri*, *Opsiphanes xanthicles guinensis*, *Pierella ocreata johnsoni*]
- 1932b. Lepidoptera collected by Dr. Salt in North Colombia. *Bulletin of the Hill Museum* 4(3): 198-205 (26 January) [general]
- 1932c. The name *Colias* Auct. *Entomologist* 65(825): 43 (February) [general]
- 1932d-35. Pieridae. *Lepidopterorum Catalogus* 53: 1-320 (24 October 1932); 60: 325-384 (3 March 1934); 66: 386-697 (30 August 1935)
- 1943a. On some types of Pieridae described by Boisduval. *Annals and Magazine of natural History* (11)10(62): 136-139 ([17] February) [general; *Phoebis sennae marcellina* (Cramer)]
- 1943b. Revisional notes on the genus *Danaus* Kluk (Lep. Rhop. Danaidae). *Transactions of the royal entomological Society of London* 93(1): 115-148, 9 figs. (24 August) [general; new subspecies: *D. gilippus wheeleri*, *D. eresimus estevana*, *D. e. montezuma*; Mexico, Central America, Colombia, Venezuela]
- Talledo, Pedro**  
1943. *El cultivo de las hortalizas*. Lima, Ministerio de Agricultura. 35 pp., 6 figs. (June) [*Ascia monuste* (Linnaeus); host plants; larva; Peru]
- Talnagi, Joseph**  
2006. See Larue, A. et al., 2006.
- Tamáska, István**  
2008. See Kertész, K. et al., 2008.
- Tamáska, István, Krisztián Kertész, Zofia Vértesy, Zsolt Bálint, András Kun, Shen-Horn Yen ans László Péter Biró**  
2013. Color changes upon cooling of Lepidoptera scales containing photonic nanoarchitectures, and a method for identifying the changes. *Journal of Insect Science* 13(87): 1-15, 7 figs. (18 September) [*Cyanophrys remus* (Hewitson), *Morpho aega* (Hübner); morphology]
- Tamayo, Giselle**  
2004. See Nielsen, V. et al., 2004.
- Tamayo-Ordóñez, María Concepción**  
2017. See García-Mendoza, A. J. et al., 2017.
- Tambourgi, Denise Vilarinho**  
2016. See Villas-Boas, I. M. et al., 2016.
- Tampion, John**  
1990. See Tampion, M. D. & J. Tampion, 1990.  
1999. See Tampion, M. D. & J. Tampion, 1999.
- Tampion, John, and Maureen D. Tampion**  
1999. *The living tropical greenhouse. Creating a haven for butterflies*. Lewes, Guild of Master Craftsman Publications Ltd. [vi] + 118 pp., figs. [general;

breeding]

**Tampion, Maureen D.**

1999. See Tampion, J. & M. D. Tampion, 1999.

**Tampion, Maureen D., and John Tampion**

1990. Communal roosting of heliconids. *Newsletter. Exotic Entomology Group* 1990: 3 pp., 1 fig. [*Heliconius*]  
1999. Glancing at glasswings. *Bulletin of the amateur Entomologists' Society* 58(426): 183-185, pl. 99V (October) [*Greta oto* (Hewitson); host plants; breeding]

**Tams, Willie Horace Timothy** [1891-1980]

1965. Comment on the proposal to place Hübner's Erste Beiträge on the Official Index. *Bulletin of zoological Nomenclature* 22(2): 137-138 (18 May)

**Tan, Denise**

2014. See Warren, A. D. et al., 2014.  
2016. See Nakahara, S. et al., 2016d.  
2019. See Espeland, M. et al., 2019.

**Tan, Yongwen**

2015. See Gu, J. et al., 2015.

**Tanaka, Shingo**

1994. See Kumazawa, K. et al., 1994.

**Tanaka, T.**

1982. See Komae, H. et al., 1982.

**Tanchiva, Elva**

[1997]a. See Couturier, G. et al., 1997.  
[1997]b. See Couturier, G. et al., 1997.

**Tang, Jing**

2018. See Han, Y. et al., 2018.

**Tang, Michelle**

2015. See Edger, P. P. et al., 2015.

**Tang, Zhejiong**

2013. See Potyrailo, R. A. et al., 2013.

**Tangerini, Nirton**

1999. See Soares, A. et al., 1999.  
2011. See Soares, A. et al., 2011.

**Tanikawa-Dodo, Yukiko**

2010. See Ohshima, I. et al., 2010.

**Tanner, Richard**

1993. Courtship behavior of *Dryadula phaetusa* (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 4(2): 106, 4 figs. ("30 November", [27 December]) [Costa Rica]  
1995. See Bingham, L. et al., 1995.

**Tannowa, Takashi**

2006. See Yamaguchi, S. et al., 2006.

**Tanzini, Marcel Ricardo**

1998. See Lara, F. M. et al., 1998.

**Tao, Leiling**

2016. See Pierce, A. A. et al., 2016.

**Tapazstó, Levente**

2007a. See Biró, L. P. et al., 2007a.  
2007b. See Biró, L. P. et al., 2007c.  
2008. See Kertész, K. et al., 2008.

**Tapia, Ana María**

1998. See Aragón, A. et al., 1998.  
2009. See Pérez, B. C. et al., 2009.  
2011. See Aragón, A. et al., 2011.

**Tapia, Silverio**

1999. *Retos para la conservación de los sitios de la mariposa monarca*, pp. 335-339. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); Mexico]

**Tapia-Campos, Ernesto**

2017. See García-Mendoza, A. J. et al., 2017.

**Tapias, Gabriel Omar**

2010. See Olivares, H. E. & G. O. Tapias, [2010].

**Tarel, Raphaël**

1927. Note sur une variété inédite de *Morpho rhetenor* Cr. *Morpho rhetenor* var. *laothoe* subsp. nov. m. *Procès-Verbaux des Séances de la Société Linnéenne de Bordeaux* 79(1): 42-44 (30 September) [new subspecies: *M. r. diana*; Colombia, French Guiana]  
1932. Aberration nouvelle de *Morpho rhetenor* versus Cram. de la Guyane française. *Morpho rhetenor* ab. *monicae* nova. *Miscellanea entomologica* 33(11/12): 73 (15 January)

**Tarkowski, Radostaw**

2011. *Konstanty Jelski (1837-1896). Przyrodnik i badacz Ameryki Południowej*. Kraków, Uniwersytetu Pedagogicznego. 256 pp., 64 pls. [general; Peru, French Guiana]

**Tarkowski, Radostaw, Tomasz Wilhelm Pyrcz and Katarzyna Goluchowska**

2017. *Memorias del naturalista polaco Jan Sztolcman de su viaje al Perú entre 1875-1881*. Lima, Sociedad Geográfica de Lima. 130 pp., 22 figs. ("December 2016; January 2017) [general]

**Tarmann, Gerhard M.** [1950- ]

2011. See Nieuwerkerken, E. J. van et al., 2011.

**Taron, Douglas J.**

2015a. See Ries, L. et al., 2015a.  
2015b. See Ries, L. et al., 2015b.  
2015c. See Van Swaay, C. et al., 2015.

**Tarragó, Manoel Fernando Sigaran**

1974. See Link, D. & M. F. S. Tarragó, 1974.  
1977. See Link, D. et al., 1977.

**Tartter, Arnold**

1940. See Wieland, H. & A. Tartter, 1940.

**Taschner, Fritz** [1925-2012]

1982. *Mit dem Schmetterlingsnetz um die Welt*. München, Author. 2: 246 pp., 16 pls., figs., 1 map. [general; Martinique, Peru, Brazil]  
1990. *Mit dem Schmetterlingsnetz um die Welt*. München, Author. 4: 1-474, 32 pls., figs., 2 maps [general; Peru, Brazil, Colombia]  
1991. *Mit dem Schmetterlingsnetz um die Welt*. München, Author. 5: 1-475, 32 pls., figs., 2 maps [general; Peru, Brazil]

**Tate, George Henry Hamilton** [1894-1953]

1931. The ascent of Mount Turumiquire. The hub of the mountainous portion of Venezuela adjoining Trinidad is climbed for the first time. *Natural History* (New York) 31(5): 539-548, figs. (September-October) [general]  
1932. Life zones at Mount Roraima. *Ecology* 13(3): 235-257, 12 figs. (July) [*Pyrameis*, *Junonia nigralis* Forbes; Guyana]  
1933. Mountain by-ways of Bolivia. An account of an expedition to the Cordillera Real - the eastern slope of the Andes. *Natural History* (New York) 33(1): 81-94, figs. (January-February) [general]

**Tatzer, Franz**

1939. Zu "Eine Anfrage". *Entomologische Rundschau* 56(15): 160 (15 April) [*Chlorippe laurona* Schaus; host plant; larva, pupa, imago; Brazil]

**Tauk, Sâmia Maria**

1989. See Gobbi, N. et al., 1989.

**Tavares, Marcelo Teixeira**

2005. See Gil-Santana, H. R. & M. T. Tavares, 2005.  
2006a. See Gil-Santana, H. R. & M. T. Tavares, 2006a.  
2006b. See Gil-Santana, H. R. & M. T. Tavares, 2006b.

- 2006c. See Nardi, C. et al., 2006.
2007. See Marcicano, M. D. L. et al., 2007.
2008. See Azevedo, C. O. et al., 2008.
2010. See Resende, A. L. S. et al., [2010].
2012. See Tinôco, R. S. et al., 2012.
- Tavares, Marcelo Teixeira, Andrea Barbieri Navarro-Tavares and Gilberto de Souza Soares de Almeida**
2006. The species of Chalcididae (Hymenoptera) parasitoids of *Parides ascanius* (Cramer), an endangered Papilionidae (Lepidoptera) from restingas of Southeastern Brazil. *Zootaxa* 1197: 55-63, 8 figs. (8 May) [host plant]
- Tavares, Maurício**
- 2002a. See Antunes, F. F. et al., 2002.
- 2002b. See Kaminski, L. A. et al., 2002.
- Tavares, Maurício, Lucas Augusto Kaminski and Gilson Rudinei Pires Moreira**
2002. Morfologia externa dos estágios imaturos de heliconíneos neotropicais. II. *Dione juno juno* (Cramer) (Lepidoptera, Nymphalidae, Heliconiinae). *Revista brasileira de Zoologia* 19(4): 961-976, 42 figs., 1 tab. (31 December) [egg, larva, pupa; host plant; Brazil]
- Tavares, Patrícia Kamyla Alves**
2011. See Lima, M. S. de et al., 2011.
- Tavares, Wagner de Souza, Sebastião Lourenço de Assis Júnior, Clauber Wagner Guimarães de Menezes, Marcus Alvarenga Soares and José Cola Zanuncio**
2016. *Adelpha cocala didia* (Nymphalidae: Limenitidinae) feeding on *Triumfetta semitriloba* (Malvaceae). *Journal of the Lepidopterists' Society* 70(3): 251-252 (30 August) [host plant; Brazil]
- Tavares, Wagner de Souza, Sebastião Lourenço de Assis Júnior, Marcus Alvarenga Soares and José Cola Zanuncio**
2015. *Colobura dirce dirce* (Lepidoptera: Nymphalidae) larvae damaging *Cecropia hololeuca* (Rosales: Urticaceae) in the Zona da Mata, Minas Gerais, Brazil. *Florida Entomologist* 98(2): 792-795, 1 tab. (June) [host plants]
- Tavares, Wagner de Souza, Christer Hansson, Olaf Hermann Hendrik Mielke, José Eduardo Serrão and José Cola Zanuncio**
- 2013a. Parasitism of *Palmistichus elaeisis* Delvare & LaSalle, 1993 on pupae of *Methona themisto* (Hübner, [1818]) reared on two hosts (Lepidoptera: Nymphalidae; Hymenoptera: Eulophidae). *Shilap* 41(161): 43-48 (30 March) [host plants; Brazil]
- Tavares, Wagner de Souza, Marcus Vinicius Masson, Pedro José Ferreira-Filho, Leonardo Rodrigues Barbosa, Wiane Meloni Silva, Carlos Frederico Wilcken and José Cola Zanuncio**
2018. Parasitism of lepidopteran defoliators of urban plants by *Palmistichus elaeisis* (Hymenoptera: Eulophidae). *Florida Entomologist* 101(3): 453-457, 4 tabs. (September) [*Heraclides anchisiades capys* (Hübner), *Methona themisto* (Hübner); Brazil]
- Tavares, Wagner de Souza, Alexandre Igor de Azevedo Pereira, Olaf Hermann Hendrik Mielke, José Eduardo Serrão and José Cola Zanuncio**
2014. *Mechanitis polymnia casabranca* and *Ithomia lichyi lichyi* (Lepidoptera: Nymphalidae) damaging tree of *Solanum granuloso-leprosum* (Solanaceae). *Cerne* (Lavras) 20(1): 165-172, 1 fig., 1 tab. (March) [Brazil]
- Tavares, Wagner de Souza, Marcus Alvarenga Soares, Olaf Hermann Hendrik Mielke, Júlio César Melo Poderoso, José Eduardo Serrão and José Cola Zanuncio**
- 2013b. Emergence of *Palmistichus elaeisis* Delvare & LaSalle, 1993 (Hymenoptera: Eulophidae) from pupae of *Heraclides anchisiades capys* (Hübner, [1809]) (Lepidoptera: Papilionidae) in the laboratory. *Folia biologica* (Kraków) 61(3/4): 233-237, 2 figs. [host plant; Brazil]
- Tay, Wee Tek, Gajanan T. Behere, Philip Batterham and David G. Heckel**
2010. Generation of microsatellite repeat families by RTE retrotransposons in lepidopteran genomes. *BMC Evolutionary Biology* 10(144): 1-16, 6 figs., 1 tab. (17 May) [*Heliconius melpomene* (Linnaeus)]
- Tayeb, Gérard**
2001. See Gralak, B. et al., 2001.
- Tayeb, Gérard, Boris Gralak and Stefan Enoch**
2003. Structural colors in nature and butterfly-wing modeling. *Optics & Photonics News* 14(2): 38-43, 49, 6 figs. (February) [*Morpho rhetenor* (Cramer); morphology]
- Taylor, Barbara** [1954- ]
1996. *Butterflies & moths*. London, Dorling Kindersley Limited. 160 pp., figs. [general]
- Taylor, Charles B.**
1892. The larva of *Danaus jamaicensis* (Bates). *Journal of the Institute of Jamaica* 1(2): 78 (February) [Jamaica]
1894. Description of the larva and pupa of *Papilio homerus* Fab. *Entomological News* 5(4): 101-103 ("April", [30 March]) [also in *Transactions of the entomological Society of London* 1894(2): 409-410 (29 May)] [Jamaica]
- Taylor, Christopher H., Francis Gilbert and Tom Reader**
2013. Distance transform: a tool for the study of animal colour patterns. *Methods in Ecology and Evolution* 4(8): 771-781, 5 figs., 1 tab. (August; published online 7 June) [*Heliconius numata* (Cramer)]
- Taylor, Jesse E.**
2008. See Salazar, C. A. et al., 2008.
- Taylor, Lisa A.**
2009. See Meadows, M. G. et al., 2009.
- Taylor, Orley Robert, Jr.**
- 1973a. See Silberglied, R. E. & O. R. Taylor, Jr., 1973.
- 1973b. A non-genetic "polymorphism" in *Anartia fatima* (Lepidoptera: Nymphalidae). *Evolution* 27(1): 161-164, 3 tabs. (28 March) [ecology; behavior; Costa Rica]
1995. See Brower, L. P. et al., 1995.
- 1999a. See Hobson, K. A. et al., 1999.
- 1999b. See Rogg, K. A. et al., 1999.
- 1999c. *Monarch Watch: Education, conservation and research*, pp. 355-360. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); Mexico]
- 2012a. See Brower, L. P. et al., 2012a.
- 2012b. See Brower, L. P. et al., 2012b.
- 2015a. See Young-Isebrand, E. et al., 2015.
- 2015b. See Oberhauser, K. S. et al., 2015a.
2016. See Semmens, B. X. et al., 2016.
- 2017a. See Thogmartin, W. E. et al., 2017.
- 2017b. See Pleasants, J. M. et al., 2017.
- 2017c. Biology of the Monarch butterfly. *Kansas School Naturalist* 62(2): 1-13, figs. (November) [*Danaus plexippus* (Linnaeus); distribution]
- Taylor, Ronald L.** [1938- ]
1975. *Butterflies in my stomach. Or: Insects in human nutrition*. Santa Barbara, Woodbridge Press Publishing

Company. 224 pp., figs. [*Aegiale hesperiaris* (Walker); host plant; ethnoentomology; Mexico]

**Taylor-Taft, Laura**

2007. See Rutowski, R. L. et al., 2007.

**Tee-Van, Helen Damrosch** [1893-1976]

1922. Insects about the tropical research station at Kartabo, British Guiana. *Journal of the New York entomological Society* 30(3): 136-137 (8 November) [*Morpho*, Pieridae; behavior]

**Teillier, Sebastián** [1956- ]

2002. See Niemeyer, H. M. et al., 2002.

2007. See Rusti, D. & S. Teillier, 2007.

**Teixeira, Dante Martins**

1995. *Brasil-Holandês. Dutch Brazil*. Rio de Janeiro, Editora Index. 1: 222 pp., pls., figs; 2: 192 pp., pls.; 3: 144 pp., pls.; 4: 185 pp., pls.; 5: 240 pp., pls. [general; history]

1997. *Dutch Brazil. Volume II. The "Thierbuch" and "Autobiography" of Zacharias Wagner*. Rio de Janeiro, Editora Index. 240 pp., figs. [general; history]

1998. *Dutch Brazil*. Rio de Janeiro, Editora Index Ltda. 1: 1-95, figs.; 2: 1-171, figs.; 3: 1-127, figs. [general; history]

2000. See Papavero, N. et al., 2000.

2002. See Papavero, N. et al., 2002.

**Teixeira, Isabel Ribeiro do Valle**

2017. See Andrade, D. A. de & I. R. do V. Teixeira, 2017.

**Teixeira, Luciana Almeida Gomes, and Isabel Cristina Sobreira Machado**

2004. *Sabicea cinerea* Aubl. (Rubiaceae): distilia e polinização em um fragmento de floresta atlântica em Pernambuco, nordeste do Brasil. *Revista brasileira de Botânica* (São Paulo) 27(1): 193-204, 8 figs., 5 tabs. (March) [*Calpodes ethlius* (Stoll), *Urbanus proteus* (Linnaeus), *Heliconius*]

**Teixeira, Melissa Oliveira**

2011. See Santos, J. P. dos et al., 2011.

2018. See Santos, J. P. dos et al., 2018.

2019. See Santos, J. P. dos et al., 2019.

**Teixeira, Róbson Ricardo**

2008. See Paula, V. F. de et al., 2008.

**Tejuca, Ana E.**

1999. See Genaro, J. A. & A. E. Tejuca, 1999.

2001. See Genaro, J. A. & A. E. Tejuca, 2001.

**Téllez, Erico M.**

2012. See Gillman, M. P. et al., 2012.

2014. See Erenler, H. E. et al., 2014.

2016. See Erenler, H. E. et al., 2016.

**Téllez, Juana**

1988. See Maes, J.-M. & J. Téllez, 1988.

**Téllez, Lorena**

2012. Alas de cristal desde el frío hasta el calor. *Notas y Noticias entomológicas* (Bogotá) 32(3): [25]-[26], 1 fig. (September) [Ithomiinae; Colombia]

**Téllez, Paula Andrea, César Augusto Giraldo and Gabriel Morales**

2015. Notas de distribución e historia natural de *Elzunia humboldt quinduensis* (Lepidoptera: Nymphalidae) en el Quindío (Colombia). *Revista colombiana de Entomología* 40(2): 296-299, 1 fig. ("December 2014", 2015) [life history; host plant; behavior]

**Tello, Carlos**

1993a. See Tákács, M. & C. Tello, 1993a.

1993b. See Tákács, M. & C. Tello, 1993b.

1994a. See Tákács, M. & C. Tello, 1994a.

1994b. See Tákács, M. & C. Tello, 1994b.

**Tello, Jaime**

1968. *Historia natural de Caracas*. Caracas, Concejo Municipal del Distrito Federal. 326 pp. (5 August) [general; Venezuela]

**Tello, Rodrigo, and Marco Tulio Barona**

1972. Determinación de un patógeno (virus) y descripción de su sintomatología en larvas de *Agraulis vanillae* Linn. (Lepidoptera: Nymphalidae) en el Valle del Cauca, Colombia. *Acta agronómica* (Palmira) 22(3/4): 111-140, 5 figs.

**Tembrock, Günter** [1918-2011]

1986. See Zabka, H. & G. Tembrock, 1986.

**Templeton, Alan Robert** [1947- ], and **Lawrence Edmund Gilbert**

1985. *Population genetics and the coevolution of mutualism*, pp. 128-144. In: Boucher, D. H. (Ed.), *The Biology of Mutualism. Ecology and Evolution*. New York, Oxford University Press. [*Heliconius*]

**Teng, Xiao-Xiao, Zhi-Hai Xie and Yu Zhang**

2016. The complete mitochondrial genome of the common buckeye *Junonia coenia* (Insecta: Lepidoptera: Nymphalidae). *Mitochondrial DNA* (A) 27(6): 4351-4352, 1 fig. (published online 13 October 2015) [*Heliconius*]

**Tenger-Trolander, Ayşe**

2012. See Dasmahapatra, K. K. et al., 2012.

2018. See Westerman, E. L. et al., 2018.

**Tennent, William John**

1989. A long way from home. *Entomologist's Record and Journal of Variation* 100: 249 (15 November) [also in *News of the Lepidopterists' Society* 1988(5): 78 ("September-October 1988", [1989]) [*Cynthia virginiana* (Drury); Abaco Island]

2005. The 'National Butterfly Museum' (Bramber, West Sussex) and disposal of butterfly 'type' material following Sotheby's sale in 1983. *Entomologist's Gazette* 56(1): 13-24 (22 January) [general]

2006. The Seymer legacy. Henry Seymer and Henry Seymer Jnr of Dorset and their entomological paintings with a catalogue of butterflies and plants (1755-1783). R. I. Vane-Wright & H. W. D. Hughes. 2005. *Antenna* 30(3): 136-138, 5 figs. (July) [book review; general; Jamaica]

2008a. Citation of the contents of *The Fruhstorfer Collection of Butterflies: Catalogue of Types with general account and List of the more interesting forms* published in the 1920s. *Entomologist's Gazette* 59(1): 41-53, 2 figs., 1 tab. (31 January) [general]

2008b. J. C. Miller, D. H. Janzen and W. D. Hallwachs (eds), 100 Butterflies and Moths, Portraits from the Tropical Forests of Costa Rica. 2007. *Journal of Insect Conservation* 12(5): 581-582 (October; published online 19 October 2007) [general; book review]

2009. Butterflies of the Cayman Islands, by R. R. Askew & P. A. van B. Stafford. 2008. *Entomologist's Gazette* 60(4): 270-271. [general; book review]

**Tennesen, Michael**

1998. Expedition to the clouds. What it's like to search for new species. *International Wildlife* 28(2): 22-29, figs. (March-April) [general; Peru]

**Tenney, Chris**

2017. See Moya, R. S. de et al., 2017.

**Tenorio, Mario**

2010. See Whaley, O. et al., 2010.

**Teobaldelli, Adriano**

1990. Zoogeographical considerations on lepidopterans of Cuba and other Caribbean islands. *Atti dei Convegni Lincei* (Roma) 85: 729-738, 2 tabs. [general]



- Tepper, Johann Gottlieb Otto** [1841-1922]  
 1889. Ill. Systematic list of foreign Lepidoptera in the South Australian Museum, pp. 22-29. In: List of named insects in the South Australian Museum, Adelaide. Second series. *Report of the Board of Governors of the public Library, Museum, and Art Gallery of South Australia, with the Reports of the Standing Committees, for 1888-89*, pp. 17-29 (after 20 September) [general; Panama, South America]
- Terada, Yoko**  
 1990. See Renesto, E. & Y. Terada, 1990.
- Terán, Filiberto Oscar**  
 1964. Plagas entomológicas existentes en el área agrícola de Santa Cruz. *Boletín informativo. Estación experimental agrícola de Los Llanos* (Santa Cruz) 3: 35-38, 1 fig. (March) [*Papilio* sp.; host plant; Bolivia]
- Terán, Héctor**  
 1970. See Ajmat de Toledo, Z. D. de & H. Terán, 1970.
- Terán, Jorge Benito** [1944- ]  
 1973. See Fernández, F. J. & J. B. Terán, 1973.  
 1974. Lista preliminar de dípteros parasíticos de otros insectos en Venezuela. *Revista de la Facultad de Agronomía* (Maracay), *Alcance* 23: 1-85 (July) [general; host plants]  
 1977. Suplemento a la lista preliminar de dípteros parasíticos de Venezuela. *Revista de la Facultad de Agronomía* (Maracay) 9(2): 123-135 (January) [general]  
 1981. Lista preliminar de Hymenoptera parásitos de otros insectos en Venezuela. *Revista de la Facultad de Agronomía* (Maracay) 11(1/4): 283-389 (October) [general]  
 2003. See Velásquez de Ríos, M. & J. B. Terán, 2003.
- Terblanche, Reinier**  
 2015. See Van Swaay, C. et al., 2015.
- Terborgh, John Whittle** [1937- ]  
 1999. See Shahabuddin, G. & J. W. Terborgh, 1999.
- Terofal, Fritz**  
 1965. Zum Problem der Wirtsspezifität bei Pieriden (Lep.). Unter besonderer Berücksichtigung der einheimischen Arten *Pieris brassicae* L., *P. napi* L. und *P. rapae* L. *Mitteilungen der münchener entomologischen Gesellschaft* 55: 2-76, 1 fig., 31 tabs. (1 December) [general]
- Terra-Araújo, Mário Henrique, Aparecida Donisete de Faria, José Eduardo Lahoz da Silva Ribeiro and Ulf Swenson**  
 2012. Flower biology and subspecies concepts in *Micropholis guyanensis* (Sapotaceae): evidence of ephemeral flowers in the family. *Australian Systematic Botany* 25(5): 295-303, 4 figs., 3 tabs. (published online 10 October) [general; pollination; Brazil]
- Terrazas, Luis**  
 1943. *Insectos de Bolivia*. La Paz, Imprenta Eléctrica. 26 pp. [general]
- Terrón, Roberto Alejandro, Rebeca Peña, Silvia Rodríguez and Andrés Fierro**  
 2012. *Artrópodos asociados al manrubio*, *Marrubium vulgare* L. (*Lamiaceae*) en *Las Ánimas, Tulyehualco, Distrito Federal, México*, pp. 637-642, 2 tabs. In: Equihua, A., E. G. Estrada, J. A. Acuña, M. P. Chaires & G. Durán (Eds.), *Entomología mexicana* 11(2). México, Sociedad mexicana de Entomología. [*Leptophobia aripa* (Boisduval); host plant]
- Teshirogi, Motomu**  
 1990. *An illustrated book of the Japanese Nymphalidae*. [In Japanese]. Tokyo, Tokai University Press. xi + 108 pp., 80 pls., figs., tabs., maps (10 April) [general; taxonomy; Neotropics]
1994. Food plants of Nymphalidae in the world (2). *Butterflies* (Tokyo) 8: 59, 3 figs. (30 September) [In Japanese] [*Hamadryas guatemalena* (Bates); Peru, Bolivia]
1996. Foodplants of Nymphalidae in the world (IV). *Butterflies* (Tokyo) 15: 56-57, 4 figs. (15 December) [In Japanese] [*Marpesia petreus* (Cramer)]
1997. Food plants of Nymphalidae in the World (V). *Butterflies* (Tokyo) 18: 43-45, 15 figs. (20 December) [In Japanese] [*Siproeta stelenes* (Linnaeus), *Anartia fatima* (Fabricius), *A. jatrophae* (Linnaeus)]
1998. The Butterflies of Venezuela, by Andrew Neild. *Butterflies* (Tokyo) 20: 64-65, figs. (31 August) [In Japanese] [general; book review]
2003. Searching for the early stages of Nymphalidae in the headwaters of the Amazon. *Butterflies* (Tokyo) 37: 21-45, 207 figs. (31 October) [general; host plants; Peru]
2004. *Agrias beatifica beata* Staudinger, 1886 (Lepidoptera, Nymphalidae). Life history of *Agrias beatifica beata* Staudinger, 1886 (Lepidoptera, Nymphalidae). *Transactions of the Lepidopterological Society of Japan* 55(3): 134-146, 53 figs. (20 June) [egg, larva, pupa, imago; hostplant; Peru]
- 2005a. Life histories of *Doxocopa*. *Butterflies* (Tokyo) 39: 4-11, 46 figs. (20 March) [*D. elis* (C. Felder & R. Felder), *D. cyane* (Latreille), *D. laurentia* (Godart), *D. linda* (C. Felder & R. Felder); eggs, larvae, pupae, imagines; host plants; Peru, Brazil]
- 2005b. Life histories of three Charaxinae species in Peru. *Butterflies* (Tokyo) 40: 4-9, 39 figs. (10 September) [*Archaeoprepona demophon* (Linnaeus), *A. amphimachus* Fabricius, *Siderone galanthis* (Cramer)]
- 2005c. Further observations on *Doxocopa*. *Butterflies* (Tokyo) 41: 37-44, 58 figs. (20 December) [*D. linda* (C. Felder & R. Felder), *D. agathina* (Cramer), Charaxinae; life histories; host plants; Peru]
2007. The splendid Biblidinae in the Neotropical region. *Butterflies* (Tokyo) 47: 30-44, 117 figs., 2 tabs. (20 December) [general; life histories; host plants]
2008. The nymphalid genus *Colobura* Billberg, 1820, consists of two species. *Butterflies* (Teinopalpus) 50: 53-58, 11 figs. (20 December; life histories; host plant; Peru]
2009. The butterflies of Venezuela. Part 2: Nymphalidae II. Andrew F. E. Neild, 2008. *Butterflies* (Teinopalpus) 52: 56-57, 2 figs. (30 August) [In Japanese] [general; book review]
2011. [Memoirs of a child in Amazonia]. *Butterflies* (Teinopalpus) 57: 2-3, 6 figs. (10 June) [In Japanese] [*Archaeoprepona amphimachus* (Fabricius); larva; behavior]
2012. See Harada, M. et al., 2012.
2018. Differentiation in larval foodplants for closely related species of *Diaethria* Billberg, 1820, may explain their sympatric occurrence. *Butterflies* (Tokyo) 78: 16-20, 24 figs. (30 October) [*D. clymena* (Cramer), *D. neglecta* (Salvin), *D. eluina* (Hewitson); Peru]
- Tessmann, Günter Theodor** [1884-1969]  
 1928. Neue Schmetterlinge aus Ostperu. *Mitteilungen aus dem zoologischen Museum in Berlin* 14(1): 115-130, pl. 5 (May) [general; *Catasticta pluvius*, *C. ganymedes*, *Meganostoma caesonina* [sic] *inca*, *Lycorea eva concolor* form *brunnescens*, *Athyrtis mechanitis similis*, *Melinaea manuelito*, *Ceratinia mansueta* form *unicolora*, *C. nina* form *pachiteae*, *C. n.* form *latipennis*, *Ithomia derasa salapia* form *diaphana*, *Hyposcada kezia* form *interrupta*, *Leucothyris*

*magnifica*, *L. m. speciosa*, *L. innocentia*, *L. estella* form *chanchamayana*, *L. luisa*, *Hypoleria pachiteae*, *Pseudoscada seba* form *gracilis*, *P. salonina arcuata*, *Sinarista callepheus*, *Pedaliodes monticola*, *Lasiophila alkaios*, *Narope pluto*, *Catagramma eunomia* form *infernalis*, *Dynamine smerdis*, *D. s. venezolensis*, *Thecla orobiana* female form *cosmophila*, *Leptotes bathyllos*, *Thracides antinous*, *Pheviades albistriga*, *Vorates ornata*, *Murgaria albormarginata*

**Teston, José Augusto**

- 2003a. See Di Mare, R. A. et al., 2003.  
2003b. See Specht, A. et al., 2003.  
2004. See Corseuil, E. et al., 2004.

**Teston, José Augusto, and Elio Corseuil**

1998. Lista documentada dos papilionídeos (Lepidoptera, Papilionidae) do Rio Grande do Sul, Brasil. *Biociências* (Porto Alegre) 6(2): 81-94 (December) [general]  
1999. Borboletas (Lepidoptera, Rhopalocera) ocorrentes no Centro de Pesquisas e Conservação da Natureza Pró-Mata. 1: Papilionidae. *Divulgações do Museu de Ciências e Tecnologia* (Porto Alegre) 4: 217-228, 11 figs., 1 tab. (July) [general; Brazil]  
2000a. Borboletas (Lepidoptera, Rhopalocera) ocorrentes no Centro de Pesquisas e Conservação da Natureza Pró-Mata. 2: Pieridae. *Divulgações do Museu de Ciências e Tecnologia* (Porto Alegre) 5: 143-155, 27 figs. (July) [general; Brazil]  
2000b. Lista documentada dos pierídeos (Lepidoptera, Pieridae) do Rio Grande do Sul, Brasil. *Biociências* (Porto Alegre) 8(2): 115-132 (31 December) [general]  
2001. Ninfalídeos (Lepidoptera, Nymphalidae) ocorrentes no Rio Grande do Sul, Brasil. Parte I. Danainae e Ithomiinae. *Biociências* (Porto Alegre) 9(1): 51-61 (30 June) [general]  
2002a. Ninfalídeos (Lepidoptera, Nymphalidae) ocorrentes no Rio Grande do Sul, Brasil. Parte II. Brassolinae e Morphinae. *Biociências* (Porto Alegre) 10(1): 75-84 (30 June) [general]  
2002b. Borboletas (Lepidoptera, Rhopalocera) ocorrentes no Centro de Pesquisas e Conservação da Natureza Pró-Mata. 3: Nymphalidae. *Divulgações do Museu de Ciências e Tecnologia* (Porto Alegre) 7: 79-125, 73 figs. (August) [general; Brazil]  
2008a. Ninfalídeos (Lepidoptera, Nymphalidae) ocorrentes no Rio Grande do Sul, Brasil. Parte IV. Apaturinae e Charaxinae. *Biociências* (Porto Alegre) 16(1): 28-32 (January) [general]  
2008b. Ninfalídeos (Lepidoptera, Nymphalidae) ocorrentes no Rio Grande do Sul, Brasil. Parte V. Biblidinae e Limenitidinae. *Biociências* (Porto Alegre) 16(1): 33-41 (January) [general]  
2008c. Ninfalídeos (Lepidoptera, Nymphalidae) ocorrentes no Rio Grande do Sul, Brasil. Parte VI. Nymphalinae e Satyrinae. *Biociências* (Porto Alegre) 16(1): 42-51 (January) [general]

**Teston, José Augusto, and Patrícia Lopes da Silva**

2017. Diversity and seasonality of frugivorous butterflies (Lepidoptera, Nymphalidae) in the Tapajós National Forest, Pará, Brazil. *Biota Amazônia* 7(3): 79-83, 9 figs., 3 tabs. (September) [general]

**Teston, José Augusto, Karina Grando Toledo and Elio Corseuil**

2006. Ninfalídeos (Lepidoptera, Nymphalidae) ocorrentes no Rio Grande do Sul, Brasil. Parte III. Heliconiinae e Libytheinae. *Biociências* (Porto Alegre) 14(2): 208-213 (December) [general]

**Testoni, Daniel**

2013. See Carpintero, D. L. & D. Testoni, 2013.

**Tezze, Andrea Alejandra**

2002. See Botto, E. N. et al., 2002.

**Thayer, Abbott Handerson** [1849-1921]

1903. Protective coloration in its relation to mimicry, common warning colours, and sexual selection. *Transactions of the entomological Society of London* 1903(4): 553-569 (24 December) [general]

**Thayer, Gerald Handerson** [1883-1939]

1910. *Concealing-coloration in the Animal Kingdom. An exposition of the laws of disguise through color and pattern: Being a summary of Abbott H. Thayer's discoveries.* New York, The Macmillan Co. xix + 260 pp., 16 pls., 140 figs. ("1909", after April 1910) [Ed. 2, 1918] [general]

**Théry, Marc**

2014. See Llaurens, V. et al., 2014.  
2016a. See Arias, M. M. et al., 2016a.  
2016b. See Arias, M. M. et al., 2016b.  
2016c. See Mérot, C. et al., 2016.

**Thiaucourt, Paul**

2009. See Janzen, D. H. et al., 2009.  
2018. See Minet, J. & P. Thiaucourt, 2018.

**Thibaud, Jean-Marc**

1991. See Lescure, J. et al., 1991.

**Thiele, Hermann** [1841-1918]

1898. [A note]. *Berliner entomologische Zeitschrift* 43(1/2): (9) (mid November) [*Heliconius formosus* Bates, *H. zuleika* (Hewitson); Panama]  
1906. [Notes]. *Berliner entomologische Zeitschrift* 50(3/4): (6), (17) (mid May) [*Prepona demophon* (Linnaeus), *Dynastor* spp.; Mexico, Central and South America]

**Thiele, Sabrina Campos**

2010. See Kaminski, L. A. et al., 2010a.

**Thiele, Sabrina Campos, Oscar Milcharek, Fábio Luis dos Santos and Lucas Augusto Kaminski**

2014. Butterflies (Lepidoptera: Hesperioidea and Papilionoidea) of Porto Mauá, Upper Paraná Atlantic Forest ecoregion, Rio Grande do Sul State, Brazil. *Biota neotropica* 14(2)(e20130006): 1-10, 3 figs., 2 tabs. (June; published online 30 April) [general]

**Thiele, Sabrina Campos, Daniela Rodrigues and Gilson Rudinei Pires Moreira**

2016. Oviposition in *Heliconius erato* (Lepidoptera: Nymphalidae): how essential is drumming behavior for host-plant selection? *Journal of Insect Behavior* 29(3): 283-300, 7 figs., 1 tab. (published online 31 May) [Brazil]

**Thieme, Jennifer**

2019. See Cariveau, A. B. et al., 2019.

**Thieme, Theodor Alexander Otto** [1837-1907]

1895. [A note]. *Berliner entomologische Zeitschrift* 40(2): (5) (mid July) [*Vanessa carye* (Hübner)]  
1896a. [Notes]. *Berliner entomologische Zeitschrift* 41(1): (6), (14)-(15) (late May) [Satyridae, Riodinidae; South America]  
1896b. [Notes]. *Berliner entomologische Zeitschrift* 41(2/3): (19)-(21), (23)-(24) (mid December) [Papilionidae, Nymphalidae, Satyridae; Guatemala, South America]  
1897. [Notes]. *Berliner entomologische Zeitschrift* 42(1/2): (2)-(4), (15) (mid November) [general]  
1898. [Notes]. *Berliner entomologische Zeitschrift* 43(1/2): (5)-(6), (8), (13), (17)-(18), (20), (22)-(23) (mid November) [general; South America]  
1899. [Notes]. *Berliner entomologische Zeitschrift* 44(1/2):

- (2)-(3), (16)-(17), (22) (mid July) [Pieridae, Heliconiinae, Ithomiinae; Central and South America]
1900. [A note]. *Berliner entomologische Zeitschrift* 45(3/4): (51) (mid December) [*Pedaliodes* spp., *Oxeoschistus* spp.; South America]
1901. [A note]. *Berliner entomologische Zeitschrift* 46(2/3): (16)-(17) (September) [*Pyrameis cardui* (Linnaeus), *Catopsilia argante* (Fabricius); Chile, Argentina]
1902. *Selenophanes supremus* Stichel var. *ditatus* Thieme. *Insekten-Börse* 19(43): 339 (23 October) [also in *Berliner entomologische Zeitschrift* 48(1/2): (12)-(13); early May 1903] [Peru]
- 1903a. Zwei neue Satyriden aus der Cordillere von Südamerika. *Berliner entomologische Zeitschrift* 47(3/4): 281-282 (late January) [*Caerois vespertilio*, *Lasiophila piscina*; Ecuador, Bolivia]
- 1903b. Eine neue *Tithorea* von Chanchamayo. *Berliner entomologische Zeitschrift* 47(3/4): 282 (late January) [*T. anachoreta*; Peru]
- 1903c. [Notes]. *Berliner entomologische Zeitschrift* 48(1/2): (5), (31) (early May) [*Thecla coronata* Hewitson, Satyridae; Ecuador, Colombia]
- 1904a. Neue Tagschmetterlinge aus der südamerikanischen Cordillere. *Berliner entomologische Zeitschrift* 49(1/2): 159-161, pl. 1, fig. 1 (mid August) [*Didonis laticlavata*, *Catagramma audofleda*, *Argyrophorus lamna*, *Lymanopoda acraeida*; Peru, Bolivia]
- 1904b. Zwei neue weisse Arten *Lymanopoda*. *Berliner entomologische Zeitschrift* 49(1/2): 161-163 (mid August) [*L. sororcula*, *L. palumba*; Ecuador, Bolivia]
- 1904c. Anmerkung. *Berliner entomologische Zeitschrift* 49(1/2): "Erklärung der Tafel", pl. 1, figs. 1-3 (mid August) [*Lasiophila lais*; *nomen nudum* in synonymy, Bolivia]
1905. Monographie der Gattung *Pedaliodes* Butl. (Lepidoptera Rhopalocera. Satyridae). *Berliner entomologische Zeitschrift* 50(1/2): 43-141, pls. 1-3 (mid November) [general; new taxa: *P. proculeja*, *P. puma*, *P. fumarica*, *P. simpla*, *P. exul*, *P. naevia*, *P. auraria*, *P. labulla*, *P. circumducta*, *P. manneja*, *P. amussis*, *P. silpa*, *P. rahab*, *P. muscosa*, *P. jephtha*, *P. antulla*, *P. daulis*, *P. simmias*, *P. albutia*, *P. cestia*, *P. nebris*, *P. empetrus*, *P. tyro*, *P. pheres*, *P. uncus*, *P. asconia*, *P. buccara*, *P. entella*, *P. tucca*, *P. luperca*, *P. cledonia*, *P. quincedis*, *P. q. aberration exsanguis*, *P. auristriga*, *P. a. aberration serra*, *P. a. aberration stilla*, *P. pylas* aberration *uniplaga*, *P. parma*, *P. niphoesa*, *P. milvia*, *P. amafania*, *P. physcoa* variety *marulla*, *P. phila* variety *philaenis*, *P. pamphos*, *Eretris* (new genus) *rubricaria*, *E. ochrea*, *Steremnia* (new genus) *rugilas*, *S. misella*; Neotropics]
1906. [A note]. *Berliner entomologische Zeitschrift* 50(3/4): (4) (mid May) [*Hymenitis alphisiboea* (Hewitson), *Dismenitis duilia* (Hewitson); Ecuador]
- 1907a. Monographische bearbeitung der Gattungen *Lasiophila* Felder, *Daedalma* Hew., *Catargynnis* Röber, *Oxeoschistus* Butler, *Pronophila* Westwood, *Corades* Doubl. Hew. *Berliner entomologische Zeitschrift* 51(2/3): 99-234, pls. 3-5 (late February) [general; new taxa: *Lasiophila cirta* variety *diducta*, *L. prosymna* variety *dirempta*, *L. p. aberration orbilia*, *L. neda*, *L. circe* variety *cnephas*, *L. zarathustra*, *L. behemoth*, *L. sombra*, *L. orbifera* variety *intercepta*, *L. o. variety munda*, *L. o. variety pura*, *L. ciris*, *Polymastus* (new genus) *gideon*, *P. enipeus*, *Catargynnis ortruda*, *C. phaselis* variety *argyritis*, *C. ilsa*, *C. gerlinda*, *C. helche*, *C. asuba*, *C. clethra*, *C. lemur*, *Mygona*, *Proboscis*, *Drucina orsedice* variety *astoreth*, *Dioriste* (new genus) *pugil*, *Cheimas*, *Oxeoschistus isolda*, *O. submaculatus* variety *pervius*, *Pronophila intercidona*, *P. deverra*, *P. assarhaddon*, *P. thelebina*, *P. brennus*, *P. orcus* variety *nepete*, *P. o. variety parallela*, *P. o. variety locuples*, *P. epidipnis*, *P. lucumo*, *P. colocasia*, *Corades pannonia* variety *ploas*, *C. cybele* variety *semitplena*, *C. cistene* variety *generosa*, *C. c. variety dymantis*, *C. enyo* variety *almo*, *C. chelonis* variety *rubeta*, *C. c. variety lactefusa*, *C. procellaria*, *Panarche* (new genus) *anfortas*; Mexico, Central and South America]
- 1907b. Famliae [sic] Lemoniidarum supplementa cum notis (Lepidoptera Rhopalocera). *Berliner entomologische Zeitschrift* 52(1): 1-16, pl. 1 (mid September) [general; new taxa: *Eurybia leucolopha*, *Cremna merula*, *Necyria incendiaria*, *Cartea ucayala*, *Panara triangularis*, *P. phereclus lemniscata*, *Barbicornis tucumana*, *B. ephippium*, *Limnas quadriplaga*, *L. aurolimbata*, *L. prasinata*, *Esthemopsis zamuro*, *Drepanula gerres*, *Siseme atrytone*, *S. hellotis*, *S. tantilla*, *S. sprucei saturata*, *Baeotis felicissima*, *Lemonias mellita*; South America]
1908. [A note]. *Berliner entomologische Zeitschrift* 52(2): (29)-(30) (early March) [Pieridae; Peru, Chile, Colombia, Argentina]
- Thieme, Theodor Alexander Otto, and Richard Haensch**  
1899. [Notes]. *Berliner entomologische Zeitschrift* 44(1/2): (12)-(14), (19)-(21), (25) (mid July) [Danainae, Ithomiinae; South America]
- Thieme, Theodor Alexander Otto, and Hans Ferdinand Emil Julius Stichel**  
1897. [A note]. *Berliner entomologische Zeitschrift* 42(1/2): (20) (mid November) [*Pieris* spp., Ithomiinae; Central America, Colombia]
1900. [A note]. *Berliner entomologische Zeitschrift* 45(3/4): (40)-(41) (mid December) [*Chlorippe* spp.; Panama, South America]
- Thierry-Mieg, Paul** [1859-1916]  
1904. Descriptions de lépidoptères nouveaux. *Le Naturaliste* 2(26(418)): 182-183 (1 August) [*Phellinodes leucophasiata*; Peru, Ecuador]
- Thogmartin, Wayne E.**  
2016. See Semmens, B. X. et al., 2016.  
2017a. See Oberhauser, K. S. et al., 2017.  
2017b. See Pleasants, J. M. et al., 2017.  
2019. See Cariveau, A. B. et al., 2019.
- Thogmartin, Wayne E., Jay E. Diffendorfer, Laura López-Hoffman, Karen Suzanne Oberhauser, John M. Pleasants, Brice X. Semmens, Darius J. Semmens, Orley Robert Taylor, Jr. and Ruscena Wiederholt**  
2017. Density estimates of monarch butterflies overwintering in central Mexico. *PeerJ* 5(e3221): 1-18, 4 figs., 3 tabs. (26 April) [*Danaus plexippus* (Linnaeus)]
- Thomas, Christian David** [1959- ]  
1982. See Cheverton, M. R. & C. D. Thomas, 1982.  
1985. See Cheverton, M. R. & C. D. Thomas, 1985.  
1988. See Lackie, P. M. et al., 1988.  
1990a. Herbivore diets, herbivore colonization, and the escape hypothesis. *Ecology* 71(2): 610-615, 1 fig., 3 tabs. (April) [Heliconiinae, *Juditha molpe* (Hübner); host plants; Costa Rica]  
1990b. Fewer species. *Nature* (London) 347(6290): 237 (20 September) [*Heliconius*; diversity; Costa Rica]  
1990c. See Billington, H. L. et al., 1990.  
1991. Habitat use and geographic ranges of butterflies from

- the wet lowlands of Costa Rica. *Biological Conservation* 55(3): 269-281, 2 tabs. [general]
1995. See New, T. R. et al., 1995.
2011. See Laurance, W. F. et al., 2011.
- Thomas, Christian David, and Mark R. Cheverton**
1979. Cambridge butterfly expedition to Central America (1979). *Cambridge Expeditions Journal* 1979: 25-27. [general; Panama]
1983. On the behaviour and flight patterns of the Neotropical butterfly, *Anartia fatima* Fabricius (Nymphalinae). *Journal of Research on the Lepidoptera* 21(3): 202-204, 1 fig., 1 tab. (15 October) [Costa Rica, Panama]
- Thomas, Christian David, Peter M. Lackie, Michael J. Brisco and D. N. Hepper**
1986. Interactions between hummingbirds and butterflies at a *Hamelia patens* bush. *Biotropica* 18(2): 161-165, 1 fig., 3 tabs. (June) [general; pollination; Costa Rica]
- Thomas, Jeremy Ambler**
1995. See New, T. R. et al., 1995.
2001. See Elmes, G. W. et al., 2001.
2005. Monitoring change in the abundance and distribution of insects using butterflies and other indicator groups. *Philosophical Transactions of the royal Society of London* (B) 360(1454): 339-357, 10 figs., 1 tab. (February; published online 28 February) [general]
2013. See Merckx, T. et al., 2013.
- Thomas, M. C.**
1998. See Woodruff, R. E. et al., 1998.
- Thomas, Michael**
- 1981a. Butterfly capital of the Western Hemisphere. *Today* (Gainesville) 6(3): 14-17, figs. (August) [general; on Allyn Museum of Entomology]
- 1981b. Monarch's mysterious migration. *Today* (Gainesville) 6(3): 18-19, 31, figs. (August) [*Danaus plexippus* (Linnaeus); Mexico]
- Thomason, E. W.**
1976. See Cook, L. M. et al., 1976.
- Thomason, J. H.**
1974. See Young, A. M. & J. H. Thomason, 1974.
1975. See Young, A. M. & J. H. Thomason, 1975.
- Thompson, Bárbara Morais**
2014. See Cunha, W. L. da et al., 2014.
- Thompson, E. C.**
1920. A trip to Bermuda. *Lepidoptera* (Boston) 4(9): 67-68 (September) [general]
- Thompson, Ellie**
2002. See Carter, G. et al., 2002.
- Thompson, John N.**
1995. *The origins of host shifts in swallowtail butterflies versus other insects*, pp. 195-203. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [Mexico]
- Thompson, Martin J.**
2015. See Merrill, R. M. et al., 2015.
2016. See Timmermans, M. J. T. N. et al., 2016.
- Thompson, Paul M.**
2002. Fruit of the vine: Looped leps. *News of the Lepidopterists' Society* 44(3): 91, 1 fig. (15 November) [general; behavior; Nicaragua]
- Thompson, Paul M., and Robbert Kanner Robbins**
2015. A new montane hairstreak species from Central America in the detritivorous genus *Kisutam* (Lepidoptera: Lycaenidae: Eumaeini). *Proceedings of the entomological Society of Washington* 117(1): 36-44, 9 figs., 1 tab. (January) [*K. rosemary*; Costa Rica, Panama]
2017. Allopatry and parapatry in hairstreak butterflies (Lycaenidae, Eumaeini) with uniform male sexual structures. *Journal of Research on the Lepidoptera* 49: 53-68, 32 figs., 3 tabs. (31 December 2017; published online 17 August 2016) [new species: *Electrostrymon thurman*; Central and South America]
- Thompson, Percy**
1937. Some tenants of banana-crates. *Essex Naturalist* 25(4): 208-209 (March) [*Opsiphanes tamarindi* Felder & Felder, accidentally introduced to England]
- Thompson, S. C., C. David Orchard, Burford Struck and Alfredo Barrera**
1940. Partial list of Lepidoptera taken in Mexico. *The Entomologist's Exchange News* 5(4/6): [7] (5 June) [general]
- Thompson, S. C., Burford Struck and C. David Orchard**
1941. [Collecting in Texas and Mexico]. *The Entomologist's Exchange News* 6(3): [1]-[4] (25 March) [general]
- Thompson, W. M.**
1994. See Duodu, Y. A. et al., 1994.
- Thompson, William Robin [1887-1972]**
- 1944-47. *A catalogue of the parasites and predators of insect pests*. Belleville, Ontario, The Imperial Parasite Service, Imperial Agricultural Bureaux. 1(5): i-v, 1-130 (1944), (6): 131-258 (1945), (7): 259-385 (1946), (8): 386-523 (1946), (9): 524-627 (1947) [general; Neotropics]
- Thompson, William Robin, and Frederick J. Simmonds**
1964. *A catalogue of the parasites and predators of insect pests. Section 3, Predator host catalogue*. Farnham Royal, Commonwealth Agricultural Bureaux. [vi] + 204 pp. [general; Neotropics]
- Thomson, Andrew F.**
2017. See Lal, N. N. et al., 2017.
- Thomson, Marian**
2012. See Dasmahapatra, K. K. et al., 2012.
- Thomson, Robert C.**
2014. See Long, E. C. et al., 2014.
- Thon, Theodor C. G. [1792-1838]**
1828. *Zoological Illustrations, or original figures and descriptions of new, rare or interesting animals, selected chiefly from the classes of ornithology, entomology, and conchology, and arranged on the principles of Cuvier and other modern zoologists*. By William Swainson, F.R.S., F.L.S. (etc.). *Entomologisches Archiv (Thon's)* 1(3): 89-92, (4): 116-124, pls. 4-5. [general; book review]
1837. *Die Naturgeschichte der in- und ausländischen Schmetterlinge mit einer Anweisung zum Schmetterlingsfang und deren Aufbewahrung*. Leipzig, Eduard Eisenach. 236 pp., 66 pls. [general]
- Thon, Theodor C. G., and Anton Benedikt Reichenbach**
1838. *Die Insekten, Krebs- und Spinnenthiere, mit besonderer Berücksichtigung der in Deutschland lebenden, dargestellt in getreuen Abbildungen und mit ausführlicher Beschreibung*. Leipzig, Eduard Eisenach. [2] + 492 pp., 131 pls. ([17 August]) [general]
- Thornhill, Randy [1944- ]**
1976. Sexual selection and paternal investment in insects. *American Naturalist* 110(971): 153-163 (27 February) [*Heliconius*]
- Thornhill, Randy, and John Alcock**
1983. *The evolution of insect mating systems*. Cambridge, Harvard University Press. xi + 547 pp., figs., tabs.

- [general]
- Thornton, Rebecca L.**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Thorold, Charles Aubrey [1906-1998], and Alan Pickles**  
1940. Control of pineapple caterpillar. *Tropical Agriculture* 17(11): 215-216, 2 tabs. (November) [*Tmolus echion* (Linnaeus); Trinidad]
- Thouvenot, Marc**  
2012. Quelques cas tératologiques chez des Rhopalocères de Guyane française (Lepidoptera Papilionoidea). *L'Entomologiste* 68(2): 121-123, 12 figs. (April) [general]
- Thurman, Timothy J., Emily Brodie, Elizabeth Evans and William Owen McMillan**  
2018. Facultative pupal mating in *Heliconius erato*: Implications for mate choice, female preference, and speciation. *Ecology and Evolution* 8(3): 1882-1889, 2 figs., 1 tab. (February; published online 13 January) [Panama]
- Thurman, Timothy J., and Brett M. Seymoure**  
2016. A bird's eye view of two mimetic tropical butterflies: coloration matches predator's sensitivity. *Journal of Zoology* 298(3): 159-168, 3 figs., 3 tabs. (March; published online 25 November 2015) [*Mimoides pausanias* (Hewitson), *Heliconius sara* (Fabricius); Ecuador]
- Thurman, Timothy J., Andre Szejner-Sigal and William Owen McMillan**  
2019. Movement of a *Heliconius* hybrid zone over 30 years: A Bayesian approach. *Journal of Evolutionary Biology* 32(9): 974-983, 3 figs., 1 tab. (September; published online 19 June) [*H. erato* (Linnaeus); Panama]
- Thwaite, Ann**  
2002. *Glimpses of the wonderful. The life of Philip Henry Gosse 1810-1888*. London, Faber and Faber Limited. xx + 387 pp., figs. [general; biography; history; Jamaica]
- Tian, David**  
2019. See Concha, C. et al., 2019.
- Tibbetts, Elizabeth**  
2017. See Cuthill, I. C. et al., 2017.
- Tibcherani, Mariáh, Rodrigo Aranda and Ramon Luciano Mello**  
2016. First record of *Conura morleyi* (Ashmead, 1904) parasitizing *Brassolis* sp. (Lepidoptera: Nymphalidae) for Mato Grosso do Sul, Brazil. *Check List* 12(5)(1981): 1-4, 2 figs. (18 October)
- Tidon, Rosana**  
2003. See Mata, R. A. da & R. Tidon, 2003.
- Tigny, F. Martin Grostête T. de [1736-1799]**  
[1801]. *Histoire Naturelle des Insectes, composée d'après Réaumur, Geoffroy, Degeer, Roesel, Linnée, Fabricius, et les meilleurs ouvrages qui ont paru sur cette partie; redigée suivant la méthode d'Olivier; avec des notes, plusieurs observations nouvelles, et des figures dessinées d'après nature*. Paris, Déterville. 1: xii + 326 pp., 23 pls. ([22 October]) [general]
- Tikasingh, Elisha S.**  
2003. The history of zoological collections in Trinidad and Tobago. *Living World* 2003: 1-8 (October) [general]
- Tilden, James Wilson [1904-1988]**  
1963. An analysis of the North American species of the genus *Callophrys*. *Journal of Research on the Lepidoptera* 1(4): 281-300, 6 figs., 1 tab. ("May", [31 July]) [general; Mexico]  
1964. Two species of Hesperidae previously unrecorded from the United States. *Journal of the Lepidopterists' Society* 18(4): 214-216 (20 December) [*Vidius perigenes*, *Lerodea dysaules*; Mexico]  
1965a. *Urbanus procne* and *Urbanus simplicius* (Hesperidae). *Journal of the Lepidopterists' Society* 19(1): 53-55 (31 March) [classification; Mexico]  
1965b. A note on *Pyrgus communis* and *Pyrgus albescens* (Hesperidae). *Journal of the Lepidopterists' Society* 19(2): 91-94 (15 July) [classification; Mexico]  
1971a. *Aguna claxon* (Hesperidae) new to the United States. *Journal of the Lepidopterists' Society* 25(4): 293 (24 November) [Mexico]  
1971b. Comments on the Nearctic members of the genus *Precis* Huebner. *Journal of Research on the Lepidoptera* 9(2): 101-108, fig. 1 ([before 18 August]) [general; Neotropics]  
1974. *Junonia* and *Precis*. A correction. *Journal of Research on the Lepidoptera* 12(4): 216 ([before 4 October]) [general]  
1975. Hesperiid notes. *Journal of the Lepidopterists' Society* 29(1): 60-62 (15 April) [classification; Mexico]
- Tilden, James Wilson, and Arthur Clayton Smith**  
1986. *A field guide to western butterflies*. Boston, Houghton Mifflin Company. xiv + 370 pp., 48 pls., 16 figs., 1 map. [general; Neotropics]
- Till-Bottraud, Irene**  
2007. See Arroyo, M. T. K. et al., 2007.
- Tilley, Richard J. D.**  
2015. Iridescence: Exploring the colours of some butterflies and beetles. *Bulletin of the amateur Entomologists' Society* 74(516): 25-36, 10 figs., 1 tab. (March) [general]
- Tilley, Richard J. D., and John Nevill Eliot**  
2002. Scale microstructure and its phylogenetic implications in lycaenid butterflies (Lepidoptera: Lycaenidae). *Transactions of the lepidopterological Society of Japan* 53(3): 153-180, 14 figs., 2 tabs. (20 June) [general]
- Timbó, Renata Velozo**  
2014. See Paula, D. P. et al., 2014.
- Timmermans, Martijn J. T. N., David C. Lees and Thomas Johannes Simonsen**  
2014. Towards a mitogenomic phylogeny of Lepidoptera. *Molecular Phylogenetics and Evolution* 79: 169-178, 5 figs., 1 tab. (October; published online 6 June) [general]
- Timmermans, Martijn J. T. N., David C. Lees, Martin J. Thompson, Szabolcs Sáfíán and Oskar Brattström**  
2016. Mitogenomics of 'Old World *Acraea*' butterflies reveals a highly divergent '*Bematistes*'. *Molecular Phylogenetics and Evolution* 97: 233-241, 4 figs., 2 tabs. (April; published online 24 December 2015) [Actinote; Neotropics]
- Timson, John**  
1990. Of mice and monarch butterflies. *New Scientist* 128(1744): 25, 1 fig. (24 November) [*Danaus plexippus* (Linnaeus); predator; Mexico]
- Tinoco, Leopoldo**  
1944. Principales plagas del naranjo en la región de Sta. Engracia, Tamps. *Fitófilo* 3(1): 4-57, figs. (January-February) [*Papilio cressphontes* Cramer; life history; Mexico]
- Tinôco, Ricardo Salles**  
2015. See Silva, L. A. da et al., 2015.  
2018. See Oliveira, T. A. de et al., 2018.
- Tinôco, Ricardo Salles, Rafael Coelho Ribeiro, Marcelo Teixeira Tavares, Evaldo Ferreira Vilela,**

- Walkymário de Paulo Lemos and José Cola Zanúncio**  
2012. *Brachymeria* spp. (Hymenoptera: Chalcididae) parasitizing pupae of Hersperidae [sic] and Nymphalidae (Lepidoptera) pests of oil palm in the Brazilian Amazonian region. *Florida Entomologist* 95(3): 788-789 (September) [general]
- Tipan, Luis A.**  
2008. See Hill, R. I. & L. A. Tipan, 2008.
- Tippenhauer, Louis Gentil** [1867- ]  
[1892]. *Die Insel Haiti*. Leipzig, F. A. Brockhaus. xviii + 693 pp., 32 pls., figs., tabs. ("1893" [before 16 November 1892]) [general; host plants]
- Tippets, Cary A., Yulan Fu, Anne-Martine Jackson, Eugenio U. Donev and René López**  
2016. Reproduction and optical analysis of *Morpho*-inspired polymeric nanostructures. *Journal of Optics* 18(6)(065105): 1-11, 8 figs. (June; published online 11 May) [*Morpho rhetenor* (Cramer); morphology]
- Tisseau, M.-A.**  
1965. See Py, C. & M.-A. Tisseau, 1965.
- Tite, Gerald Edward** [1904-1987]  
1968. On a new species of the genus *Pachythone* from Trinidad (Lepidoptera: Riodinidae). *Entomologist* 101(1265): 224-226, pl. 4, 2 figs. (16 October) [*P. barcantii*]
- Titschack, Erich Hans Woldemar** [1892-1978]  
1951. *Reisebericht. In: Beiträge zur Fauna Perus. Nach der Ausbeute der Hamburger Südperu-Expedition 1936, anderer Sammlungen, wie auch auf Grund von Literaturangaben*. Jena, Gustav Fischer. 1: [iv] + 403 pp., 223 figs., tabs., maps. [general]
- Tkacz, Borys M.**  
2001. See Kliejunas, J. T. et al., 2001.
- Tobar, Diego Enrique**  
[2004]. See Díazgranados, M. et al., [2004].  
2010. See Milder, J. C. et al., 2010.  
2013. See Carrero, D. A. et al., 2013.  
2018. See Pérez-García, O. et al., 2018.
- Tobar, Diego Enrique, and Muhammad Ibrahim**  
2007. Mariposas del paisaje ganadero del bosque subhúmedo tropical Esparza, Costa Rica. *Informe técnico CATIE* 351: viii + 37 pp., figs., 1 tab. [general]  
2010. ¿Las cercas vivas ayudan a la conservación de la diversidad de mariposas en paisajes agropecuarios? *Revista de Biología tropical* 58(1): 447-463, 4 figs., 4 tabs. (March) [general; Costa Rica]
- Tobar, Diego Enrique, Muhammad Ibrahim and Francisco Casasola**  
2007. Diversidad de mariposas en un paisaje agropecuario del Pacífico Central de Costa Rica. *Agroforestería en las Américas* 45: 58-65, 9 figs., 2 tabs. [general]
- Tobar, Diego Enrique, Jesús Orlando Rangel and Miguel Gonzalo Andrade**  
2001. Las cargas polínicas en las mariposas (Lepidoptera: Ropalocera [sic]) de la parte alta de la cuenca del Río Roble - Quindío - Colombia. *Caldasia* 23(2): 549-557, 3 tabs. (November) [pollination; ecology]  
2002. Diversidad de mariposas (Lepidoptera: Ropalocera) en la parte alta de la cuenca del Río El Roble (Quindío-Colombia). *Caldasia* 24(2): 393-409, 7 figs., 4 tabs. (December) [general]
- Tobar-Mesa, José Manuel**  
2015. See Ortiz-Martínez, M. A. et al., 2015.
- Tobler, Alex**  
2004. See Flanagan, N. S. et al., 2004.  
2005. See Salazar, C. A. et al., 2005.  
2006. See Kapan, D. D. et al., 2006.
- Tobler, Alex, Durrell D. Kapan, Nicola Sian Flanagan, C. González, E. Peterson, Christopher David Jiggins, J. Spencer Johnston, David G. Heckel and William Owen McMillan**  
2005. First-generation linkage map of the warningly colored butterfly *Heliconius erato*. *Heredity* 94(4): 408-417, 3 figs., 2 tabs. (April; published online 8 December 2004)
- Todd, Edward Lawrence** [1922-1986]  
1964. See Beier, M. W. P. et al., 1964.
- Todd, Kim**  
2007. *Chrysalis. Maria Sibylla Merian and the secrets of metamorphosis*. Orlando, Harcourt Inc. [viii] + 328 pp., pls., figs. [general; history]  
2011. Maria Sibylla Merian (1647-1717): an early investigator of parasitoids and phenotypic plasticity. *Terrestrial Arthropod Reviews* 4(2): 131-144, 4 figs. (June) [general; history; Surinam]
- Todisco, Valentina, Vazrick Nazari and Paul David Neil Hebert**  
2017. Preliminary molecular phylogeny and biogeography of the monobasic subfamily Calinaginae (Lepidoptera, Nymphalidae). *Zoosystematics and Evolution* 93(2): 243-254, 2 figs., 2 tabs. ([13] April) [*Caligo telamonius* (C. Felder & R. Felder), *Anaea troglodyta* (Fabricius), *Archaeoprepona demophon* (Linnaeus), *Morpho peleides* Kollar]
- Todzia, Carol Ann**  
1983. *Epidendrum radicans* (Bandera Española, Gallito), pp. 243-244, 1 fig. In: Janzen, D. H. (Ed.), *Costa Rican Natural History*. Chicago, The University of Chicago Press. [*Anartia fatima* (Fabricius), *Danaus* spp., *Papilio polyxenes* Fabricius; pollination; Costa Rica]
- Toennes, Stefan W.**  
2012. See Mebs, D. et al., 2012.
- Tognelli, Marcelo**  
1994. See Igarzábal, D. et al., 1994.
- Tokita, Christopher K., Jeffrey C. Oliver and Antónia Monteiro**  
2013. A survey of eyespot sexual dimorphism across nymphalid butterflies. *Psyche* (Cambridge) 2013(926702): 1-6, 5 figs., 1 tab. [general]
- Tokiwa, Toru**  
1994. The pattern transformation rule in Lepidoptera. *Butterflies* (Tokyo) 8: 22-29, 7 figs. (30 September) [In Japanese] [*Hamadryas*]  
1996. The transformation rule of the butterfly wing pattern. *The Nature & Insects* 31(1): 14-19, 6 figs. (January) [In Japanese] [general]
- Tokuyama, Takashi, Siro Senoh, Takeo Sakan, Keith Spalding Brown, Jr. and Bernhard Witkop**  
1967. The photoreduction of kynurenic acid to kynurenine yellow and the occurrence of 3-hydroxy-l-kynurenine in butterflies. *Journal of the American Chemical Society* 89(4): 1017-1021, 3 figs., 2 tabs. (15 February) [*Heliconius* spp., Ithomiinae; biochemistry]
- Toledo, Carlos**  
1999. *Estrategia integral para el desarrollo sustentable de la región de la mariposa monarca*, pp. 29-45, 4 figs., 3 tabs. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Toledo, Jaderson dos Anjos**

2007. See Sausen, C. D. et al., 2007.
- Toledo, Karina Grando**  
2006. See Teston, J. A. et al., 2006.
- Toliver, Michael E.** [1950- ]  
1987a. *Hesperiidae (Hesperioidea)*, pp. 434-436, figs. 26.137-26.141. In: Stehr, F. W. (Ed.), *Immature Insects* [1]. Dubuque, Iowa, Kendall/Hunt Publishing Company. [general; host plants; larvae; Neotropics]  
1987b. *Megathymidae (Hesperioidea)*, pp. 436-438, figs. 26.142-26.143. In: Stehr, F. W. (Ed.), *Immature Insects* [1]. Dubuque, Iowa, Kendall/Hunt Publishing Company. [*Aegiale hesperiaris* (Walker); host plant; larva; Mexico]  
1987c. *Pieridae (Papilionoidea)*, pp. 441-443, figs. 26.150-26.153. In: Stehr, F. W. (Ed.), *Immature Insects* [1]. Dubuque, Iowa, Kendall/Hunt Publishing Company. [general; host plants; larvae; Mexico, Chile]  
1987d. *Nymphalidae (Papilionoidea)*, pp. 448-453, figs. 26.163-26.174. In: Stehr, F. W. (Ed.), *Immature Insects* [1]. Dubuque, Iowa, Kendall/Hunt Publishing Company. [general; host plants; larvae; Neotropics]
- Tolosa, William, and Eduardo Amador**  
2006. Biología de *Memphis* sp. [sic] (Lepidoptera: Nymphalidae): plaga potencial de la palma de aceite en la zona pacífica colombiana. *Revista Corpoica* 7(2): 99-102, 7 figs., 1 tab. (15 December) [egg, larva, pupa, imago; host plant; misidentification of *Caerois gerdrudtus* (Fabricius)]
- Tomita, Shuichiro**  
2014. See Suzuki, T. K. et al., 2014.  
2019. See Suzuki, T. K. et al., 2019.
- Tomonaga, Masaaki**  
1998. *Anthocharis* of the world. *Yadoriga* 176: 2-18, 8 figs. (10 April) [Mexico]
- Tompkinson, Geoff**  
1987. See Bökemeier, R. & G. Tompkinson, 1987.
- Toner, Michael** [1944- ]  
1988. The hidden strength of gossamer wings. *National Wildlife* 26(5): 4-11, figs. ("August-September" [before 22 July]) [general; Mexico]
- Tong, Xiao-Ling**  
2012. See Oliver, J. C. et al., 2012.
- Tonini, Lorena**  
2019. See Freitas, J. et al., 2019.
- Tonnancour, Jacques de**  
2002. *Insects revealed. Monsters or marvels?* Ithaca, Cornell University Press. 160 pp., figs. [general]
- Toomey, James K.**  
2012. See Matthews, D. L. et al., 2012.  
2018. See Matthews, D. L. et al., 2018.
- Toomey, Matthew B.**  
2009. See Meadows, M. G. et al., 2009.
- Toone, William D.**  
1995a. See Hanscom, T. & W. D. Toone, 1995.  
1995b. How a bird man became a butterfly farmer in Costa Rica. *Wings* 18(1): 8-12, 3 figs. [general]
- Toone, William D., and Thomas Hanscom**  
2003. Conservation of monarch butterflies in central Mexico: Protection of a biological phenomenon. *Biodiversity* (Ottawa) 4(3): 14-20, 11 figs. (20 September) [*Danaus plexippus* (Linnaeus)]
- Toporov, Alexandre**  
2014. See Chazot, N. et al., 2014.
- Torezan-Silingardi, Helena Maura**  
2010. See Almeida-Soares, S. et al., 2010.
- Tormo, José Enrique** [1956- ], and **Vicente Roncero**  
2000. *Identification guide to butterflies protected by the CITES Convention and the European Union. Guía de identificación de mariposads protegidas por el Convenio de Washington (CITES) y la Unión Europea.* Melbourne, Hill House. 112 pp., 19 pls., 4 figs. [Papilionidae]
- Toro, Andrés Albeiro, and Luis Miguel Rodríguez**  
2014. Informatización de la colección entomológica del Departamento de Biología de la Universidad Pedagógica Nacional: Los papilionidos, un estudio de caso (Lepidoptera: Papilionidae). *Bio-grafía* (Bogotá) 7(12): 111-113 (June) [general; Colombia]
- Toro, Haroldo** [1934-2002]  
2002. *Pollination of Prosopis tamarugo in the Atacama desert with remarks on the roles of associated plants*, pp. 267-273. In: Kevan, P. G. & V. L. Imperatriz-Fonseca (Eds.), *Pollinating bees. The conservation link between agriculture and nature.* Brasília, Ministério do Meio Ambiente. [*Leptotes trigemmatum* (Butler); host plant; Chile]
- Toro, Haroldo, Elizabeth Chiappa, René Covarrubias and Rodrigo Villaseñor**  
1993. Interrelaciones de polinización en zonas áridas de Chile. *Acta entomologica chilena* 18: 19-30, 8 tabs. (18 December) [*Leptotes trigemmatum* (Butler)]
- Toro, Rafael Andrés** [1897- ]  
1930. Rebusques científicos (Informe del fitopatólogo correspondiente al año de 1928). *Revista de la Sociedad colombiana de Ciencias naturales* 4(108): 167-181 (October-November) [*Pieris* sp.; Colombia]
- Torre, Aurelio Íñigo**  
2001. See Fernández, F. et al., 2001.
- Torre, Carlos de la** [1858-1950]  
1932. I. A resume of the history of the butterflies of Cuba. II. Comparative list of the similar species of Rhopalocera of Florida and Cuba. *Lepidopterists' News* (Florida) 1(1): 4-8 (June) [general]
- Torre, Ricardo de la** [1896- ]  
1936. Sobre una nueva forma del *Papilio andraemon*. *Memorias de la Sociedad cubana de Historia natural* 10(5): 333-334, pl. 24 (30 December) [*P. a. hernandezii*; Cuba]
- Torre y Callejas, Salvador Luis de la** [1910-1999]  
1943. Dos nuevas especies de mariposas diurnas para Cuba (Lepidoptera Rhopalocera). *Memorias de la Sociedad cubana de Historia natural* 17(2): 139-140, pl. 16 (25 September) [*Euptoieta claudia* (Cramer), *Polygonia interrogationis* variety *fabricii* (Edwards)]  
1945. Influencia de los colores en la vida de las mariposas. *Mil* (Matanzas) 3(6): 9 (September) [general]  
1946a. Importancia de las escamas en la clasificación de los lepidópteros. *Memorias de la Sociedad cubana de Historia natural* 18(1): 103-106, pl. 10 (30 March) [general; morphology; Cuba]  
1946b. Notas sobre las escamas de los lepidópteros. *Memorias de la Sociedad cubana de Historia natural* 18(1): 107-122, pls. 11-13 (30 March) [general; morphology; Cuba]  
1947a. Revisión de las especies cubanas de la familia Papilionidae (Lepidópteros Ropalóceros). *Revista del Instituto Matanzas* 1(1): 22-43, 4 pls., 3 figs. (June) [general; host plants]  
1947b. Revisión de las especies cubanas del género *Danaus*, con la adición de dos nuevas subespecies para Cuba (Lepidópteros Ropalóceros). *Memorias de la Sociedad cubana de Historia natural* 19(1): 17-21, pls. 1-2 (20

- August) [general]
- 1949a. A list supplementing Bates' "Butterflies of Cuba". *Lepidopterists' News* 3(6): 65 (23 September) [general]
- 1949b. Estudio de las subespecies cubanas de *Ascia monuste* (Lepidoptera, Pieridae). *Memorias de la Sociedad cubana de Historia natural* 19(2): 171-174, pl. 5 (25 November) [general]
- 1949c. Datos taxonómicos sobre lepidópteros, con notas sobre algunas especies cubanas. *Memorias de la Sociedad cubana de Historia natural* 19(2): 177-190 (25 November) [general]
- 1949d. Géneros y especies de la subfamilia Heliconiinae hallados en Cuba (Lepidoptera, Nymphalidae) (Adiciones y correcciones al catálogo de Cuba). *Memorias de la Sociedad cubana de Historia natural* 19(2): 191-194 (25 November) [general]
- 1951a. Additions to "A list supplementing Bates' Butterflies of Cuba". *Lepidopterists' News* 4(6/7): 72 (3 March) [general]
- 1951b. Sobre una nueva forma de *Nathalis iole* Boisduval (Lepidoptera, Pieridae). *Memorias de la Sociedad cubana de Historia natural* 20(2): 89-92, pl. 44 (25 June) [*N. i.* form *alayo*; Cuba]
- 1951c. Notas suplementarias a nuestro trabajo sobre el género *Danaus* (Lepidoptera, Rhopalocera). *Memorias de la Sociedad cubana de Historia natural* 20(2): 93-103 (25 June) [general; Neotropics]
- 1951d. A new butterfly from Cuba (Lepidoptera, Nymphalidae). *Proceedings of the entomological Society of Washington* 53(6): 336-337, 2 figs. (28 December) [*Anaea echemus* form *aguayo*]
1952. Datos taxonómicos sobre lepidópteros, con notas sobre algunas especies cubanas. *Memorias de la Sociedad cubana de Historia natural* 21(1): 61-70 (28 April) [general; Neotropics]
- 1954-56. An annotated list of the butterflies and skippers of Cuba (Lepidoptera, Rhopalocera). *Journal of the New York entomological Society* 62(1): 1-25 (29 October 1954), (2): 113-128 (5 May 1955), (3): 189-192 (8 December 1955), (4): 207-249 (15 October 1956) [general]
1958. Reconsideración taxonómica de las especies del género *Kricogonia* Reakirt, con vista al estudio de sus órganos genitales. *Cuadernos. Universidad de Oriente* (Santiago de Cuba) 42: 1-32, 2 pls. (after June) [general; Mexico, Central America, West Indies, Colombia, Venezuela]
- 1960a. The first South American Congress of Zoology and the Lepidoptera. *Journal of the Lepidopterists' Society* 14(1): 81-82 (15 December) [general; report on meeting]
- 1960b. Especies notables de la fauna cubana. *Actas y Trabajos del I Congreso sudamericano de Zoología* 2: 95-100. [general]
- 1960c. Sobre la identidad de *Pieris menciae* Ramsden (Lepidoptera, Rhopalocera, Pieridae). *Actas y Trabajos del I Congreso sudamericano de Zoología* 3: 53-55. [general; Cuba]
1964. Sobre la identidad de *Papilio oviedo* Gundlach, 1866 (Lepidoptera, Rhopalocera, Papilionidae). *Anales del II Congreso latino-americano de Zoología* (São Paulo) 1: 87-91, 8 figs. [Cuba]
1965. *Un caso notable de melanismo en la hembra de Eurema (Abaeis) nicippe (Cramer)* (Lepidoptera, Pieridae). La Habana, Universidad de La Habana. 2 pp., 2 pls. (April) [Cuba]
- 1968a. Notas sobre las especies de *Eurema* del grupo dina (Lepidoptera: Pieridae) en la fauna cubana. *Poeyana* (A) 52: 1-13, 5 figs. (7 May) [general; Neotropics]
- 1968b. Revisión de las especies cubanas de la familia Satyridae (Lepidoptera, Rhopalocera), con la descripción de una nueva especie. *Ciencias. Universidad de La Habana* (4)3: 1-24, 14 figs. (August) [general; *Calisto biocellatus*; Jamaica, Hispaniola, Puerto Rico, Bahamas]
1970. Tres mutaciones observadas en mariposas (Lepidoptera, Nymphalidae y Papilionidae) de la fauna cubana. *Ciencias. Universidad de La Habana* (4)5: 1-4, 3 figs. (January) [*Agraulis vanillae insularis* Maynard, *Papilio oxynius* (Hübner), *Anartia lytrea chrysopelea* (Hübner)]
1971. Mariposas diurnas (Lepidoptera, Rhopalocera), colectadas en Cuba hasta el año 1969. *Ciencias. Universidad de La Habana* (4)18: 1-47 (September) [general; new varieties: *Battus gundlachianus* variety *calzadillae*, *Kricogonia cabrerai* variety *ramsdeni*]
1973. Una nueva especie del género *Calisto* Hübner y una nueva raza de *Calisto smintheus* Bates de la fauna cubana (Lepidoptera: Satyridae). *Ciencias. Universidad de La Habana* (4)43: 1-9, 3 figs. (September) [*C. israeli*, *C. s. brochei*]
- 1974a. Posible origen de la fauna de lepidópteros de Cuba. *Ciencias. Universidad de La Habana* (4)41: 1-16 (February) [general; biogeography]
- 1974b. Rectificación del nombre de tres especies de lepidópteros colectados en Cuba. *Ciencias. Universidad de La Habana* (4)41: 17-19 (February) [*Vanessa atalanta rubria* (Fruhstorfer), *Cynthia cardui* (Linnaeus), *C. virginiensis* (Drury)]
- [1981]. *Mariposas cubanas*. La Habana, Editorial Gente Nueva. 32 pp., figs. [general]
1988. Observaciones sobre lepidópteros de Cuba con la descripción de una nueva subespecie de la familia Pieridae. *Revista Biología* (La Habana) 2(2): 55-64 [*Kricogonia lyside occidentalis*]
- Torre y Callejas, Salvador Luis de la, and Pastor Fortunato Alayo**
1953. Una lista de las Euremas de América, con notas sobre las especies colectadas en Cuba (Lepidoptera: Pieridae). *Cuadernos. Universidad de Oriente* (Santiago de Cuba) 27: 1-43, 8 pls. [general; *Eurema (Pyrisitia) lae* new form *ricardi*]
- Torre y Callejas, Salvador Luis de la, and Juan T. Sierra**
1949. Sobre la presencia en Cuba de *Papilio (Pterourus) troilus ilioneus* James E. Smith (Lepidoptera, Rhopalocera). *Memorias de la Sociedad cubana de Historia natural* 19(2): 195-196 (25 November) [host plants]
- Torres, Alejandro, and Nils Navarro**
1989. Mariposas diurnas observadas en el municipio Holguín, Cuba. *Garciana* (Holguín) 19: [3]-[4] (25 December) [general]
- Torres, Belindo Adolfo** [1917-1965]
1963. Colección Breyer. *Revista de la Sociedad entomológica argentina* 26(1/4): 88 (15 December) [general]
- Torres, Carolina, and Leonardo Galetto**
2014. Nectar sugar composition and flower visitors for the naturalized exotic *Lantana camara* (Verbenaceae) at central Argentina. *International Journal of Plant reproductive Biology* 6(2): 174-180, 1 fig. 2 tabs. (July; published online 14 June) [general; pollination]
- Torres, Cecilia, Marcela Osorio-Beristain, Néstor A.**



- Mariano and Luc Legal**  
2009. Sex-dependent seasonal feeding activity variations among two species of Nymphalidae (Lepidoptera) in the Mexican tropical dry forest. *Annales de la Société entomologique de France* (N.S.) 45(3): 265-274, 4 figs., 2 tabs. (31 October) [*Anaea aidea* (Guérin-Méneville), *Myscelia cyananthe* C. Felder & R. Felder]
- Torres, Cristian**  
2007. See Arroyo, M. T. K. et al., 2007.
- Torres, Cristian, Lohengrin Alexis Cavieres, Carlos Muñoz and Mary Therese Kalin Arroyo**  
2007. Consecuencias de las variaciones microclimáticas sobre la visita de insectos polinizadores en dos especies de *Chaetanthera* (Asteraceae) en los Andes de Chile central. *Revista chilena de Historia natural* 80(4): 455-468, 2 figs., 4 tabs. (December) [general]
- Torres, Delia**  
1996. See Kochalka, J. A. et al., 1996.
- Torres, Fernando**  
1991. See Echeverri, L. F. et al., 1991.
- Torres, Jorge A.**  
1991a. Biología de *Dismorphia spio* (Godart) en Puerto Rico (Lepidoptera: Pieridae: Dismorphiinae). *Caribbean Journal of Science* 27(1/2): 35-45, 18 figs. (August) [egg, larva, pupa; host plants]  
1991b. Biología de *Eurema portoricensis* (Dewitz) (Lepidoptera: Pieridae). *Caribbean Journal of Science* 27(3/4): 124-129, 11 figs. (December) [egg, larva, pupa, imago; host plants; parasitoids; Puerto Rico]  
1994. Hymenopterous parasitoids of *Dismorphia spio* (Pieridae: Dismorphiinae). *Journal of the Lepidopterists' Society* 48(3): 266 (17 August) [Puerto Rico]  
1998. Biología de *Proteides mercurius pedro* (Dewitz) en Puerto Rico (Lepidoptera: Hesperidae: Pyrginae). *Caribbean Journal of Science* 34(3/4): 231-237, 16 figs. (December) [egg, larva, pupa, imago; host plant; behavior]  
1999. Ciclo de vida de *Eurema leuce antillarum* Hall (Lepidoptera: Pieridae) en Puerto Rico. *Caribbean Journal of Science* 35(3/4): 195-200, 11 figs. (December) [egg, larva, pupa, imago; host plant; parasitoids; behavior]  
2000. Ciclo de vida de *Biblis hyperia* (Cramer) en Puerto Rico (Lepidoptera: Nymphalidae). *Caribbean Journal of Science* 36(1/2): 87-93, 12 figs. (May) [egg, larva, pupa, imago; host plant; behavior]
- Torres, Jorge Braz**  
1995. See Zanuncio, T. V. et al., 1995.  
2009. See Zanuncio, J. C. et al., 2009.
- Torres, Juan A.**  
1992. Lepidoptera outbreaks in response to successional changes after the passage of hurricane Hugo in Puerto Rico. *Journal of tropical Ecology* 8(3): 285-298, 1 fig., 3 tabs. (August) [general]
- Torres, Juan de** [? -1974]  
1962. *Catálogo de la colección entomológica "Torres Sala" de coleópteros y lepidópteros de todo el mundo. II.* Valencia, Institución Alfonso el Magnánimo. 212 pp., 6 pls. [general]
- Torres, Karina P.**  
2019. See Checa, M. F. & K. P. Torres, 2019.
- Torres, Karina P., Nathalia Artieda, Patricio Salazar, Keith Richard Willmott and Ryan I. Hill**  
2019. Life history descriptions of *Adelpha attica attica*, *Adelpha epione agilla*, and *Adelpha jordani* from an eastern Ecuador lowland forest. *Tropical Lepidoptera Research* 19(1): 19-28, 6 figs. (June; published online 3 May) [eggs, larvae, pupae, imagos; host plants; behavior]
- Torres, Linda Milena**  
2010. See Pulido, H. W. et al., 2015.
- Torres, Luis F.**  
2011. See Vargas, M. A. et al., 2011.
- Torres, M. G.**  
1993. See Peterson, A. T. et al., 1993.
- Torres, Márcio**  
2012. See Bellaver, J. et al., 2012.
- Torres, Phillip J., and Aaron F. Pomerantz**  
2016. Butterfly kleptoparasitism and first account of immature stages, myrmecophily and bamboo host plant of the metalmark *Adelotypa annulifera* (Riodinidae). *Journal of the Lepidopterists' Society* 70(2): 130-138, 5 figs. (16 June) [egg, larva, pupa, imago; Peru]
- Torres, R.**  
1925. *Estudios entomológicos. Lepidópteros (Divulgación científico-literaria)*. San José, Imprenta Trejos Hermanos. 72 pp., 3 pls. [general; Costa Rica]
- Torres, Rodolfo H.**  
2006. See Prum, R. O. et al., 2006.
- Torres, Rodrigo**  
1978. See Shapiro, A. M. & R. Torres, 1978.  
1995. See Moreno, L. P. et al., 1995.  
1997. See Johnsons, K. D. et al., 1997.  
2004. See Le Crom, J. F. et al., 2004.
- Torres, Rodrigo, Bertha Andrea Castañeda and Jorge Hernando Villamil**  
1995. Pronophilini del Santuario de Flora y Fauna de Iguaque, Boyacá (Lepidoptera: Nymphalidae: Satirinae [sic]). *Resúmenes. XXII Congreso. Sociedad colombiana de Entomología*, p. 89 [general; Colombia]
- Torres, Rodrigo, and Dalmo Catauli Giacometti**  
1966. Comportamiento del "maracuyá" (*Passiflora edulis* var. *flavicarpa*, Deneger) bajo las condiciones del Valle del Cauca. *Agricultura tropical* (Bogotá) 22(5): 247-254, 5 figs. (May) [*Dione* sp.; Colombia]
- Torres, Rodrigo, Jason Piers Wilton Hall, Keith Richard Willmott and Kurt Duane Johnson**  
1996. A new genus of "elfin" butterflies from the northern high Andes (Lepidoptera: Lycaenidae). *Tropical Lepidoptera* 7(1)(1): 81-86, 8 figs. (25 June) [new taxa: *Podanotum*, *P. clarissimus*, *P. metallicus*; Ecuador, Colombia]
- Torres, Rodrigo, and Jean François Le Crom**  
1997. Una nueva especie de *Pedaliodes* Butler, 1867 de la cordillera oriental de Colombia (Lepidoptera: Nymphalidae, Satyrinae, Pronophilini). *Shilap* 25(100): 213-218, 6 figs. (30 December) [*P. chingazaensis*]
- Torres, Rodrigo, Jean François Le Crom and Martha Jeaneth García**  
1999. *Lista y comentarios biogeográficos sobre las especies del género Catasticta Butler en Colombia (Lepidoptera: Pieridae)*, pp. 191-210, 1 fig., 3 tabs. In: Amat, G. D., M. G. Andrade & F. Fernández (Eds.), *Insectos de Colombia. Volumen II*. Bogotá, Academia colombiana de Ciencias exactas, físicas y naturales. (Colección Jorge Álvarez Lleras, 13) (November) [general]
- Torres, Rodrigo, and Mayumi Takáhashi**  
1983. Lista de la subfamilia Heliconiinae (Lepidoptera, Nymphalidae) colectados en el Valle del Cauca y su

vecinidad [sic], Colombia, América del Sur. *Tyô to Ga* 33(3/4): 103-131, 88 figs., 1 tab. (20 July) [general]

**Torres, Sergio A.**

2001. See Hernández, E. L. et al., 2001.

**Torres-Santana, Christian W.**

2017. See Shiels, A. B. et al., 2017.

**Torretta, Juan Pablo**

2015a. See Cerino, M. C. et al., 2015a.

2015b. See Cerino, M. C. et al., 2015b.

**Torretta, Juan Pablo, Diego Medan, Arturo Roig and Norberto Horacio Montaldo**

2010. Visitantes florales diurnos del girasol (*Helianthus annuus*, Asterales: Asteraceae) en la Argentina. *Revista de la Sociedad entomológica argentina* 69(1/2): 17-32, 3 figs., 5 tabs. (28 June) [*Codatractus aminias* (Hewitson), *Lerodea eufala* (Edwards)]

**Tórrez, Marvin**

2014. See Maes, J.-M. et al., 2014a.

[2019]. See Lapeze, J. et al., [2019].

**Tórrez, Marvin, Sandra Arana and Jean-Michel Maes**

2007. Especies de las familias Saturniidae, Sphingidae, Papilionidae, Pieridae, Nymphalidae (Lepidoptera), Scarabaeidae (Coleoptera) y su potencial uso como indicadores de perturbación en la Reserva Biológica Indio Maíz. *Revista nicaragüense de Entomología* 67(Supl. 2): 1-36, 10 + 17 + 20 + 46 + 41 figs. (December) [general; Nicaragua]

**Tórrez, Marvin, Wayne Arendt and Jean-Michel Maes**

2013. Comunidades de aves y lepidópteros diurnos y las relaciones entre ellas en bosque nuboso y cafetal de Finca Santa Maura, Jinotega. *Encuentro* (Managua) 95: 69-79, 2 figs., 5 tabs. [general; Nicaragua]

**Toshio, Inomata**

2004. [*Anthocharis* and its group] [In Japanese]. *Gekkan-Mushi* 403: 13-20, 60 figs., 1 map (September) [*A. limonea* Butler; Mexico]

**Toulgoët, Hervé de** [1911-2009]

1988. Que deviennent les *Morpho eugenia*? *Bulletin de la Société Sciences Nat* 58: 22-23 (30 June) [behavior; French Guiana]

1989a. Octobre 1987 en Guyane Française. *Bulletin de la Société Sciences Nat* 60: 19-21 (19 January) [general]

1989b. La Guyane en Mai?... Pourquoi pas??... *Bulletin de la Société Sciences Nat* 64: 16-18 (15 December) [*Morpho*; French Guiana]

1990. A propos de *Morpho eugenia* Deyrolle et de quelques autres aussi... *Bulletin de la Société Sciences Nat* 65: 1-2 (15 January) [behavior; French Guiana]

1991. "Le petit été de mars"... en 1990. *Bulletin de la Société Sciences Nat* 70: 1-2 (31 July) [general; French Guiana]

**Tourinho, Julia Losada, and André Victor Lucci Freitas**

2009. Population biology of *Euptoieta hegesia* (Nymphalidae: Heliconiinae: Argynnini) in an urban area in southeastern Brazil. *Journal of Research on the Lepidoptera* 41: 40-44, 4 figs. (31 January) [ecology]

**Tourneur, Jean-Claude, and Anselme Vilardebo**

1966. Lépidoptères défoliateurs du bananier en Equateur. Morphologie et biologie. II. *Opsiphanes tamarindi* var. *corrosus* Stichel. *Fruits* 21(4): 159-166, 9 figs., 1 tab. (April) [egg, larva, pupa, imago; behavior; parasitoids]

**Tourneur, Jean-Claude, Anselme Vilardebo and B. Sotomayor**

1966. Lépidoptères défoliateurs du bananier en Equateur. Morphologie et biologie. I. *Caligo eurilochus* Stich. [sic] (Brassoliidae). *Fruits* 21(2): 57-65, 9 figs., 2 tabs.

(February) [egg, larva, pupa, imago; behavior; parasitoids]

**Touron, Enrique A.**

1959. Nuevas experiencias en el control de la isoca de la alfalfa, *Colias lesbia* Fabr. *Idia* (Buenos Aires) 139: 31-32 (July) [Argentina]

**Touroult, Julien, Francis Deknuydt, Eddy Poirier, Daniel Romé, Philippe Ravat and Andrew Frederic Edwyn Neild**

2014. *Heraclides androgeus*: un nouveau Papilionidae pour la faune de Martinique et confirmation de sa présence à Sainte-Lucie (Lepidoptera Papilionoidea). *L'Entomologiste* 70(2): 73-77, 5 figs., 1 map.

**Toussaint, Emmanuel F. A.**

2018a. See Espeland, M. et al., 2018.

2018b. See Kawahara, A. Y. et al., 2018b.

2019. See Kawahara, A. Y. et al., 2019.

**Toussaint, Emmanuel F. A., Jesse W. Breinholt, Chandra Earl, Andrew David Warren, Andrew Van Zandt Brower, Masaya Yago, Kelly M. Dexter, Marianne Espeland, Naomi E. Pierce, David J. Lohman and Akito Yuji Kawahara**

2018. Anchored phylogenomics illuminates the skipper butterfly tree of life. *BMC evolutionary Biology* 18(101): 1-11, 3 figs., 2 tabs. (19 June) [general]

**Toussaint, Emmanuel F. A., Fernando Maia Silva Dias, Olaf Hermann Hendrik Mielke, Mirna Martins Casagrande, Claudia P. Sañudo-Restrepo, Athena Lam, Jérôme Morinière, Michael Balke and Roger Vila**

2019. Flight over the Proto-Caribbean seaway: Phylogeny and macroevolution of Neotropical Anaeni leafwing butterflies. *Molecular Phylogenetics and Evolution* 137: 86-103, 5 figs., 5 tabs. (August; published online 22 April) [general]

**Toussaint, Emmanuel F. A., and Andrew David Warren**

2019. A review of red-eye pigmentation and diel activity patterns in skippers (Lepidoptera, Papilionoidea, Hesperidae). *Journal of natural History* 53(35/36): 2165-2181, 2 figs. (published online 29 November) [general; Neotropics]

**Tower, William Lawrence** [1872- ?]

1905. Insects in tropical forests. *Entomological News* 16(1): 31-32 ([5] January) [general; Mexico]

**Townsend, Charles Henry Tyler** [1863-1944]

1893a. Butterflies of Trinidad and Jamaica. *Journal of the Institute of Jamaica* 1(7): 283 (August) [general]

1893b. The larva of *Papilio thersites*, Fab. *Journal of the Institute of Jamaica* 1(8): 376-377 (December) [host plants; pupa; Jamaica]

1893c. New food plant of *Papilio polycrates*. *Journal of the Institute of Jamaica* 1(8): 379 (December) [Jamaica]

1893d. Notes on the food-plant and breeding grounds of *Papilio homerus*. *Journal of the Institute of Jamaica* 1(8): 380-381 (December) [Jamaica, Hispaniola]

1895. Sundry notes on the Jamaican fauna. *Journal of the Institute of Jamaica* 2(2): 168-170 (April) [*Eunica tatila* (Herrich-Schäffer)]

1940. New oestroid flies from Brazil. *Revista de Entomologia* (Rio de Janeiro) 11(3): 889-894 (31 December) [*Danaus erippus* (Fabricius); parasitoid]

**Townsend, Charles Henry Tyler, and Johannes Eduard Gustav Wille**

1939. Insectos que atacan al algodónero y a la caña de azúcar en el Perú. *Boletín. Estación experimental agrícola de La Molina* (Lima) 17: 1-40, 47 figs. (July)

- [*Strymon* sp., *Prenes ares* Felder; life histories; Peru]
- Toxopeus, Lambertus Johannes** [1894-1951]  
1951. On the collecting localities of some Linnaean types (Lepidoptera, Rhopalocera). *Idea* 8(3/4): 53-74, pl. 3, fig. 1 (31 January) [*Prepona demophon* (Linnaeus); South America]
- Trabanino, Rogelio**  
1998. *Guía para el manejo integrado de plagas invertebradas en Honduras*. Tegucigalpa, Escuela Agrícola Panamericana. [5] + iii + 156 pp., figs. [*Ascia monuste* (Linnaeus), *Leptophobia aripa* (Boisduval); host plants]
- Tracy, James L.**  
2019. See Kantola, T. et al., 2019.
- Tracy, James L., Tuula Kantola, Kristen A. Baum and Robert N. Coulson**  
2019. Modelling fall migration pathways and spatially identifying potential migratory hazards for the eastern monarch butterfly. *Landscape Ecology* 34(2): 443-458, 5 figs. (February; published online 18 February) [*Danaus plexippus* (Linnaeus); Mexico]
- Trapero-Quintana, Adrian David**  
2018. See Reyes, E. E. & A. D. Trapero-Quintana, 2018.
- Travassos, Lauro Pereira** [1890-1970]  
1939. *Algumas observações sobre diapausa de crisálidas de lepidópteros*, pp. 595-606, 5 graphs. In: *Livro de homenagem aos professores Alvaro e Miguel Ozório de Almeida*. Rio de Janeiro. [*Brassolis astyra* Godart]
- Travassos, Lauro Pereira, and Edward George Last May**  
1941. *Lepidópteros neotropicais. Coleção Julius Arp*. Rio de Janeiro, Museu Nacional. 23 pp., frontisp., 17 figs. [general; new species: *Caligopsis heliogabalus*; Brazil]
- Travassos, Lauro Pereira, and Henry Richard Pearson**  
1959. Excursão entomológica e botânica realizada em Minas Gerais na Serra do Cipó no lugar denominado Alto do Palácio (alt. 1300m) a 124 km de Belo Horizonte na estrada que vai além de Lagoa-Santa. *Atas da Sociedade de Biologia do Rio de Janeiro* 3(6): 4-7 (31 December) [*Morpho achillaena* (Hübner); Brazil]
- Travassos, Lauro Pereira, Filho** [1918-1989]  
1944. Excursão científica a Porto Cabral, margem paulista do Rio Paraná. *Arquivos de Zoologia do Estado de São Paulo* 4(1): 1-32, 21 figs., 5 graphs (10 June) [general; ecology; behavior; Brazil]  
1954. Uma borboleta inimiga da giesta. *Flôres do Brasil* 1(1): 40-42, 5 figs. (May) [*Leptotes cassius* (Cramer); egg, larva, pupa, imago; host plant; Brazil]  
1955. As lagartas que comem as folhas das palmeiras. *Flôres do Brasil* (São Paulo) 1(3): 35-38, 5 figs. (January) [*Brassolis astyra* Godart, *B. sophorae* (Linnaeus); life history; Brazil]
- Travassos, Lauro Pereira, Filho, and Messias Carrera**  
1941. *Xanthozona melanopyga* (Wiedmann [sic], 1830) (Diptera: Tachinidae) predadora de *Brassolis astyra* Godart, 1824 (Lepidoptera: Brassolidae), praga das palmeiras. Dados bionômicos dos dois insetos e morfológicos do taquinídeo. *Arquivos de Zoologia do Estado de São Paulo* 3(3): 43-74, 9 pls. (29 April) [Brazil]  
1946. Segunda expedição científica a Pôrto Cabral, margem paulista do Rio Paraná. *Arquivos de Zoologia do Estado de São Paulo* 5(2): 89-133, 16 figs. (12 October) [general; Brazil]
- Travassos, Mark A.**  
2002. See Pierce, N. E. et al., 2002.
- Travassos, Mark A., Philip James DeVries and Naomi E. Pierce**  
2008. A novel organ and mechanism for larval sound production in butterfly caterpillars: *Eurybia elvina* (Lepidoptera: Riodinidae). *Tropical Lepidoptera Research* 18(1): 20-23, 8 figs. (1 June) [host plant; Panama]
- Traveset, Anna**  
2010. See Ramírez, N. L. & A. Traveset, 2010.
- Traveset, Anna, Rubén Heleno, Susana Chamorro, Pablo Vargas, Conley K. McMullen, Rocío Castro-Urgal, Manuel Nogales, Henri W. Herrera and Jens M. Olesen**  
2013. Invaders of pollination networks in the Galápagos Islands: emergence of novel communities. *Proceedings of the royal Society of London (B)* 280(1758)(20123040): 1-9, 2 figs., 4 tabs. (7 May; published online 13 March) [general]
- Trejo-Loyo, Adriana Gabriela**  
2017. See López, S. et al., 2017.  
2018. See Peralta-Cisneros, J. M. et al., 2018.
- Trembath, David A.**  
1995. [Butterflies collected in Venezuela]. *British Journal of Entomology and natural History* 8(4): 197-198 (October) [general]
- Tremoleras, Juan** [1870-1934]  
1911. Apuntes lepidopterológicos. *Anales del Museo nacional de Montevideo* (2)1(3): 89-95 (3 March) [general; Uruguay]
- Trentin, Luana Beló**  
2019. See Ribeiro, B. M. et al., 2019.
- Treuer, Tim**  
2011. See Basset, Y. et al., 2011.  
2013. See Basset, Y. et al., 2013.
- Treviño, Guadalupe, and Agustín Tagle**  
1999. *Propuesta metodológica de participación social para la Reserva Especial de la Biosfera Mariposa Monarca*, pp. 269-272. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), 1997 *North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
- Treviño, Jacinto**  
2012. See Niño-Maldonado, S. et al., 2012.
- Treviño, Rocío**  
1997. Welcome the Monarchs. *American Butterflies* 5(4): 19-21, 4 figs. [*Danaus plexippus* (Linnaeus); conservation; Mexico]  
1999. *Proyecto Correo Real*, pp. 385-388, 2 tabs. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), 1997 *North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]  
2015a. See Young-Isebrand, E. et al., 2015.  
2015b. See Oberhauser, K. S. et al., 2015a.
- Trevisan, Henrique**  
2002. See Nadai, J. de et al., 2002.  
2003. See Nadai, J. de et al., 2003.
- Trevisan, Henrique, Janaina de Nadai, Alexandre Mehl Lunz and Acácio Geraldo de Carvalho**  
2004. Consumo foliar e aspectos biológicos de *Urbanus acawoios* (Lep.: HesperIIDae) alimentado com folíolos de *Clitoria fairchildiana* (Leguminosae: Faboideae) em tres níveis de maturidade. *Ciência rural* (Santa Maria) 34(1): 1-4, 3 tabs. (January-February) [Brazil]
- Triant, Deborah A., Scott D. Cinel and Akito Yuji Kawahara**

2018. Lepidoptera genomes: current knowledge, gaps and future directions. *Current Opinion in Insect Science* 25: 99-105, 1 fig., 2 tabs. (February; published online 23 December 2017) [general]
- Triberti, Paolo**  
1988. See Daccordi, M. et al., 1988.
- Tricio, Aida Ester [1948- ], Cecilia Isabel Fernández and Patricia Mariela Morawicki**  
2002. *Mariposas de Misiones. Vuelos y ensueños. Guía para la observación e identificación*. Buenos Aires, MG Grupo Creativo. 152 pp., figs. (September) [general; Argentina]  
2007. *Misiones mariposas / butterflies / borboletas*. Buenos Aires, Golden Company. 192 pp., figs. [general; Argentina]
- Trigo, José Roberto [1956-2017]**  
1985a. Alcalóides deidropirrolizidínicos na proteção química de Ithomiinae (Lep.: Nymphalidae) que se alimentam de Apocynaceae. *Resumos XII Congresso brasileiro de Zoologia* (Campinas), pp. 103-104. [general]  
1985b. Variação temporal de alcalóides deidropirrolizidínicos em Ithomiinae (Lepidoptera: Nymphalidae). *Resumos XII Congresso brasileiro de Zoologia* (Campinas), p. 104. [general; Brazil]  
1990a. See Brown, K. S., Jr., J. R. Trigo, P. C. Motta et al., 1990.  
1990b. See Brown, K. S., Jr., J. R. Trigo, R. B. Francini et al., 1990.  
1991. See Brown, K. S., Jr. et al., 1991.  
1995a. See Brown, K. S., Jr. & J. R. Trigo, 1995a.  
1995b. See Brown, K. S., Jr. & J. R. Trigo, 1995b.  
1996. See Freitas, A. V. L. et al., 1996.  
2000a. See Brückmann, M. et al., 2000.  
2000b. The chemistry of antipredator defence by secondary compounds in Neotropical Lepidoptera: facts, perspectives and caveats. *Journal of the Brazilian Chemical Society* 11(6): 551-561, 6 figs. [general]  
2002a. See Freitas, A. V. L. et al., 2002a.  
2002b. See Silva, K. L. & J. R. Trigo, 2002.  
2004. See Schulz, S. et al., 2004.  
2005. See Portugal, A. H. A. & J. R. Trigo, 2005.  
2007. See Alves, M. N. et al., 2007.  
2008. *Chemical ecology of ithomiine butterflies*, pp. 141-165, 32 figs. In: Epifano, F. (Ed.), *Current Trends in Phytochemistry*. Kerala, Research Signpost. [general; Neotropics]  
2009. See Massuda, K. F. & J. R. Trigo, 2009.  
2010. See Rodrigues, D. et al., 2010b.  
2011a. Effects of pyrrolizidine alkaloids through different trophic levels. *Phytochemistry Reviews* 10(1): 83-98, 2 figs., 1 tab. (March; published online 10 August 2010) [general]  
2011b. See Arab, A. & J. R. Trigo, 2011.  
2012. See Arab, A. et al., 2012.  
2013. See Morais, A. B. B. de et al., 2013.  
2015. See Oliveira, M. V. de et al., 2015.  
2019. See Ramos, B. de C. M. et al., 2019.
- Trigo, José Roberto, Lauro Euclides Soares Barata and Keith Spalding Brown, Jr.**  
1994. Stereochemical inversion of pyrrolizidine alkaloids by *Mechanitis polymnia* (Lepidoptera: Nymphalidae: Ithomiinae): Specificity and evolutionary significance. *Journal of Chemical Ecology* 20(11): 2883-2899, 4 figs. (November) [Brazil]
- Trigo, José Roberto, Lauro Euclides Soares Barata, Ludger Witte, Thomas Hartmann and Keith Spalding Brown, Jr.**  
1991. *Capillary GC-MS analysis of pyrrolizidine alkaloids in plants utilized by Ithomiinae butterflies (Lepidoptera: Nymphalidae) in the southeast of Brazil*, pp. 79-83, 1 fig., 1 tab. In: Habermehl, G. (Ed.), *2. Brasilianisch-Deutsches Symposium für Naturstoffchemie*. Hannover, Forschungszentrum Jülich GmbH. [general]
- Trigo, José Roberto, and Keith Spalding Brown, Jr.**  
1983. Contribuição de alcalóides pirrolizidínicos na interação ecológica entre adultos de Ithomiinae (Lep.: Nymphalidae) e plantas. *Ciência e Cultura* (São Paulo) 35(7, supl.): 513 (July) [general; Brazil]  
1990. Variation of pyrrolizidine alkaloids in Ithomiinae: a comparative study between species feeding on Apocynaceae and Solanaceae. *Chemoecology* 1(1): 22-29, 3 figs., 7 tabs. (March) [general]
- Trigo, José Roberto, Keith Spalding Brown, Jr., Silvana Aparecida Henriques and Lauro Euclides Soares Barata**  
1996. Qualitative patterns of pyrrolizidine alkaloids in Ithomiinae butterflies. *Biochemical Systematics and Ecology* 24(3): 181-188, 1 fig., 1 tab. (April) [general]
- Trigo, José Roberto, Keith Spalding Brown, Jr., Ludger Witte, Thomas Hartmann, Ludger Ernst and Lauro Euclides Soares Barata**  
1996. Pyrrolizidine alkaloids: different acquisition and use patterns in Apocynaceae and Solanaceae feeding ithomiine butterflies (Lepidoptera: Nymphalidae). *Biological Journal of the Linnean Society* 58(1): 99-123, 3 figs., 11 tabs. ([15] May) [general; Brazil]
- Trigo, José Roberto, and Paulo Cesar Motta**  
1990. Evolutionary implications of pyrrolizidine alkaloid assimilation by danaine and ithomiine larvae (Lepidoptera: Nymphalidae). *Experientia* 46(3): 332-334, 1 fig., 2 tabs. (1 March) [general; Brazil]
- Trigo, Sabrina Pitombeira Monteiro**  
2008. See Siqueira, K. M. M. de et al., 2008.  
2010. See Kiill, L. H. P. et al., 2010.
- Trindade, Lena**  
1992. Mimetismo e camuflagem. A arte da sobrevivência. *Ecologia e Desenvolvimento* (Rio de Janeiro) 2(13): 50-57, figs. (March) [Parides; Brazil]
- Trindade, Roseane Cristina Predes**  
2017. See Gomes Junior, R. N. et al. 2017.
- Trindade, Tácito**  
2017. See Lepesqueur, C. et al., 2017.
- Trinidad, Erika**  
2008. See Luna, C. et al., 2008.
- Tristán, José Fidel [1874-1932]**  
1897. *Insectos de Costa Rica pequeña colección arreglada*. San José, Museo Nacional. 21 pp. ([before 18 March]) [general]  
1901. Un caso de entomofilia. Enpolvoramiento [sic] del *Asclepias curassavica* Linn. *Boletín del Instituto físico-geográfico de Costa Rica* 1(12): 318-322 (31 December) [general; pollination; Costa Rica]
- Tristán, José Fidel, and Gustave Michaud**  
1916. Probable perception of invisible light by some animal species. *Scientific American* 114(3): 81, 88-89, 3 figs. (15 January) [*Papilio* sp., Pieridae; UV reflectance; Costa Rica]
- Triviño, Paola Marcela**  
[2014]. See Andrade, M. G. et al., [2014].  
2019. See Ávila, L. A. & P. M. Triviño, 2019.
- Triviño, Paola Marcela, Liz Alejandra Ávila, Guillaume Quenet, Florian Câtél and Edicson Alfonso Parra**

2013. *Abundancia de imagos de Lymanopoda schmidti (Lepidoptera: Nymphalidae: Satyrinae) en un gradiente de disturbio*, pp. 761-766, 2 figs., 1 tab. In: Equihua, A., E. G. Estrada, J. A. Acuña & M. P. Chaires (Eds.), *Entomología mexicana* 12(1). México, Sociedad mexicana de Entomología. [Colombia]
- Tróchez, Adolfo León** [1937-2011]  
1969. See Cárdenas, R. & A. L. Tróchez, 1969.
- Troncoso, Alejandra T.**  
2009a. See Pinto, C. F. et al., 2009a.  
2009b. See Pinto, C. F. et al., 2009b.
- Tropek, Robert**  
2019. See Fric, Z. F. et al., 2019.
- Troschianko, Jolyon**  
2018. See Dell'Aglio, D. D. et al., 2018.
- Troychak, Mary**  
1987. Regrowing a dry tropical forest. *Wings* 12(2): 9-10, 2 figs. [*Hamadryas*, *Morpho peleides limpida* Butler; conservation; Costa Rica]
- Trueman, John W. H.**  
2005. See Braby, M. F. et al., 2005.  
2006. See Braby, M. F. & J. W. H. Trueman, 2006.
- Trujano, Marysol**  
2006a. See Oñate, L. et al., 2006.  
2006b. See Llorente, J. E. et al., 2006a.  
2006c. See Luis, M. A. et al., 2006.  
2006d. See Vargas, I. et al., 2006.  
2011. See Fera, T. P. et al., 2011.  
2012. See Gaytán, B. et al., 2012.  
2013. See Hernández, J. & M. Trujano, 2013.  
2014a. See Llorente, J. E. et al., 2014.  
2014b. See Pozo, M. del C. et al., 2014.  
2016. See Luis, M. A. et al., 2016.  
2019a. See Llorente, J. E. et al., 2019.  
2019b. See Arellano, A. et al., 2019.  
2019c. See Nieves, S. et al., 2019b.
- Trujano, Marysol, Uri Omar García, Curtis John Callaghan, Omar Ávalos, Moisés Armando Luis and Jorge Enrique Llorente**  
2018. Two new genera of metalmark butterflies of North and Central America (Lepidoptera, Riodinidae). *ZooKeys* 729: 61-85, 7 figs., 2 tabs. (16 January) [*Neoapodemia*, *Plesioarida*]
- Trujano, Marysol, Moisés Armando Luis and Jorge Enrique Llorente**  
2015. Variación morfológica y distribución de *Theope villai* (Lepidoptera: Riodinidae). *Southwestern Entomologist* 40(2): 333-350, 7 figs. (June) [Mexico]
- Trujillo, Agustín**  
1942. *Insectos y otros parásitos de la agricultura nacional y sus productos en el Uruguay*. Montevideo, Imprenta Alfa. 323 pp., 195 figs. [general; host plants; eggs, larvae, pupae, imagines; parasitoids; behavior]
- Trujillo, María**  
2000. See Rodríguez, R. et al., 2000.
- Truxal, Fred Stone**  
1955. See Martin, L. M. & F. S. Truxal, 1955.
- Tsuchi, Ryuichi**  
1969. See Takahashi, M. & R. Tsuchi, 1969.
- Tsukiyama, Hiroshi**  
1996. See Chiba, H. & H. Tsukiyama, 1996.
- Tsusue, Motoo**  
1994. See Nakagoshi, M. et al., 1994.  
1996. See Tabata, H. et al., 1996.
- Tubaro, Pablo L.**  
2017. See Lavinia, P. D. et al., 2017.
- Tuberquia, Dino**  
2017. See Valencia, W. A. et al., 2017.
- Tucker, Catherine M.**  
2004. Community institutions and forest management in Mexico's Monarch Butterfly Reserve. *Society and Natural Resources* 17(7): 569-587, 2 figs., 4 tabs. (August) [*Danaus plexippus* (Linnaeus); conservation]
- Tucker, R. W. E.**  
1952. The insects of Barbados. *Journal of Agriculture of the University of Puerto Rico* 36(4): 330-363 (October) [general; host plants]  
1953. Insects of Barbados. *Journal of the Barbados Museum and historical Society* 20(4): 155-181 (August) [general; host plants]
- Tuerk, Karen**  
2019. See Cariveau, A. B. et al., 2019.
- Türkowsky, Jenny Ana**  
1977. See Aguilar, P. G. & J. A. Türkowsky, 1977.
- Tufto, Jarle**  
2015. See Penz, C. M. et al., 2015.
- Tufto, Jarle, Russell Lande, Thor-Harald Ringsby, Steinar Engen, Bern-Erik Saether, Thomas Robert Walla and Philip James DeVries**  
2012. Estimating Brownian motion dispersal rate, longevity and population density from spatially explicit mark-recapture data on tropical butterflies. *Journal of animal Ecology* 81(4): 756-769, 6 figs., 1 tab. (July; published online 9 February) [general; Ecuador]
- Tullberg, Birgitta S.**  
2013. See Kodandaramaiah, U. et al., 2013.
- Tulloch, J. B. G.**  
1939. Insects and other things which arrive by steamer from overseas. *Entomologist* 72(912): 114-116 (May) [*Opsiophanes*]
- Tupayachi, Alfredo**  
1987. See Venero, J. L. et al., 1987.  
1989. See Venero, J. L. & A. Tupayachi, 1989.
- Turica, Antonio**  
1953. Fauna entomológica en los cítricos del Delta. *Idia* (Buenos Aires) 71: 10-11 (November) [*Papilio thoas thoantiades* Burmeister; Argentina]
- Turland, Vaughan A.**  
2007. 21st century data collection. *The Broadsheet. BirdLife Jamaica* 85: 3-4 (March) [*Astraptus talus* (Cramer); Jamaica]  
2009. See Turner, T. W. et al., 2009.  
2017. See Turner, T. W. & V. A. Turland, 2017.  
2018a. See Turner, T. W. & V. A. Turland, 2018a.  
2018b. See Turner, T. W. & V. A. Turland, 2018b.
- Turland, Vaughan A., Andrew David Warren and Delano St. Aubyn Lewis**  
2012. A new genus and species of Moncini from Jamaica, West Indies (Lepidoptera, Hesperidae, Hesperinae). *Tropical Lepidoptera Research* 22(2): 66-73, 6 figs. (3 December) [*Troyus turneri*]
- Turlin, Bernard**  
2006. Analyses d'ouvrages. *Bulletin des Lépidoptéristes parisiens* 14(32): 118-120 (April) [*Agrias Doubleday*; book review]
- Turnbull, Christine**  
1987. See Horvitz, C. C. et al., 1987.
- Turner, B. L., II**  
2007. See Vester, H. F. M. et al., 2007.
- Turner, Beulah R.** [1916-2006]  
1986. See Stallings, D. B. et al., 1986.
- Turner, Bryan**

1980. *The insects and invertebrates*, pp. 110-131, figs. In: Ayensu, E. S. (Ed.), *Jungles*. New York, Crown Publishers, Inc. 200 pp., figs. [general; behavior; ecology; mimicry; Neotropics]
- Turner, Henry Jerome** [1856-1950]
1903. [A note]. *Proceedings of the South London entomological & natural History Society* 1902-03: 118 [*Papilio macrosilaus* Gray, *P. philolaus* Boisduval; South America]
- 1906a. The genus *Eurymus* (*Colias*), with special reference to *E. eurytheme*. *Proceedings of the South London entomological & natural History Society* 1905-06: 14-16 [general; South America]
- 1906b. [Notes]. *Proceedings of the South London entomological & natural History Society* 1905-06: 97, 105 [*Ithomia*, *Morpho cypris* Westwood; South America]
- 1920a. Larva and pupa of a *Morpho*. *Proceedings of the entomological Society of London* 1920(1/2): viii-ix (26 July) [Brazil]
- 1920b. [A note]. *Proceedings of the South London entomological & natural History Society* 1919-20: 70. [*Dione vanillae* variety *maculosa* Stichel, *Calpodus ethlius* (Cramer); Neotropics]
- 1920c. [A note]. *Proceedings of the South London entomological & natural History Society* 1919-20: 90. [general; Argentina]
- 1922a. [A note]. *Proceedings of the South London entomological & natural History Society* 1921-22: 31. [*Morpho laertes* (Drury); Brazil]
- 1922b. [A note]. *Proceedings of the South London entomological & natural History Society* 1921-22: 50. [*Papilio thoas* Linnaeus; pupa; Brazil]
1925. [A note]. *Proceedings of the South London entomological & natural History Society* 1924-25: 115. [general; Chile]
- 1926a. [A note]. *Proceedings of the South London entomological & natural History Society* 1925-26: 59. [general; Brazil]
- 1926b. [A note]. *Proceedings of the South London entomological & natural History Society* 1925-26: 68. [*Papilio hellanichus* Hewitson; Argentina]
1927. Aberration in *Colias lesbia*. *Entomologist's Record and Journal of Variation* 39(7/8): 97-98 (July) [Argentina]
1935. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1934-35: 43. [general; Ecuador]
- 1936a. Catching Morphos in the Corcovado, Rio de Janeiro. *Entomologist's Record and Journal of Variation* 48(9): 102 (15 September) [*Morpho anaxibia* (Esper); Brazil]
- 1936b. Further extracts from a S. American correspondent. *Entomologist's Record and Journal of Variation* 48(10): 114-115 (15 October) [general; Brazil]
- 1937a. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1936-37: 1. [general; Ecuador]
- 1937b. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1936-37: 2-3. [*Catasticta* spp.; behavior; Mexico, Central and South America]
- 1937c. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1936-37: 16. [*Thecla coronata* Hewitson, *Colias dimera* Doubleday, *C. lesbia* (Fabricius); Ecuador, Argentina]
- 1937d. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1936-37: 21. [*Thecla coronata* Hewitson, *Morpho sulkowskyi* Kollar; Central America, Ecuador]
- 1937e. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1936-37: 59. [*Morpho aega* (Hübner), *M. portis* (Hübner); ecology; Brazil]
- 1938a. A note from Ecuador. *Entomologist's Record and Journal of Variation* 50(4): 44 (14 April) [general]
- 1938b. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1937-38: 15. [Hesperiidae; Ecuador]
- 1939a. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1938-39: 10. [*Catagramma* spp.; Central and South America]
- 1939b. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1938-39: 12. [*Dione moneta* Hübner, *D. juno* (Cramer); host plant; Mexico, Central and South America]
- 1939c. [Notes]. *Proceedings and Transactions of the South London entomological & natural History Society* 1938-39: 19-20. [general; Ecuador]
- 1939d. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1938-39: 32. [*Nathalis iole* Boisduval; Mexico, Colombia, Cuba]
- 1939e. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1938-39: 33. [Hesperiidae; Neotropics]
- 1941a. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1940-41: 8. [general; Ecuador]
- 1941b. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1940-41: 12. [*Perisama oppelii* (Latreille), *P. bonplandii* (Guérin); Ecuador]
1942. [A note]. *Proceedings and Transactions of the South London entomological & natural History Society* 1941-42: 9. [*Zeonia licursis* (Fabricius), *Baeotia bacaenis* Hewitson, *Thecla marsyas* (Linnaeus); Central and South America]
1944. Observations on Lepidoptera in a little known area of S. America. (A review). *Entomologist's Record and Journal of Variation* 56(8): 80-82 (15 August) [general; Argentina]
1945. [A note]. *Proceedings and Transactions of the South London entomological & natural history Society* 1944-45: 19-20 (October) [*Heliconius cyrbia* (Godart), *H. sapho* (Drury); Ecuador]
- Turner, J. Rice** [1910-2000]
1946. See Stallings, D. B. & J. R. Turner, 1946.
1947. See Stallings, D. B. & J. R. Turner, 1947.
1954. See Stallings, D. B. & J. R. Turner, 1954.
1955. See Stallings, D. B. & J. R. Turner, 1955.
1958. See Stallings, D. B. & J. R. Turner, 1958.
1959. See Stallings, D. B. & J. R. Turner, 1959.
1961. See Stallings, D. B. et al., 1961.
1963. See Stallings, D. B. et al., 1963.
1964. See Stallings, D. B. et al., 1964.
1966. See Stallings, D. B. et al., 1966.
1986. See Stallings, D. B. et al., 1986.
- Turner, John Richard George** [1940- ]
1963. Mimetic multilocus polymorphism in South American butterflies (*Heliconius* spp.) (Lepidoptera, Nymphalidae). *Proceedings of the XI international Congress of Genetics* (The Hague) 1: 146. [abstract; *H. melpomene* (Linnaeus), *H. erato* (Linnaeus)]
1965. Evolution of complex polymorphism and mimicry in

- distasteful South American butterflies. *Proceedings. XIIIth international Congress of Entomology* (London), p. 267. [general; Guyana, West Indies]
1966. A rare mimetic *Heliconius* (Lepidoptera, Nymphalidae). *Proceedings of the royal entomological Society of London* (B) 35(9/10): 128-132 (25 October) [general; new subspecies: *H. demeter beebei*]
- 1967a. The generic name of *Papilio iulia* Fabricius, sometimes called the Flambeau (Lepidoptera, Nymphalidae). *Entomologist* 100(1244): 8 (20 January) [general]
- 1967b. Some early works on heliconiine butterflies and their biology (Lepidoptera, Nymphalidae). *Journal of the Linnean Society* (London) (Zoology) 46(310): 255-266, 1 tab. (April) [general; new name: *Heliconius melpomene meriana*]
- [1967]c. A little-recognised species of *Heliconius* butterfly (Nymphalidae). *Journal of Research on the Lepidoptera* 5(2): 97-112, 3 figs., 3 tabs. ("June 1966", [before 19 June 1967]) [general; new subspecies: *H. elevatus roraima*; mimicry; Guyana, French Guiana]
- 1967d. Goddess changes sex, or the gender game. *Systematic Zoology* 16(4): 349-350 (18 December) [*Heliconius* spp.; nomenclature]
- [1967]e. [A correction]. *Journal of Research on the Lepidoptera* 5(4): 267, tab. 1 ("December 1966", [before 14 November 1967]) [*Heliconius*; South America]
- 1968a. Some new *Heliconius* pupae: their taxonomic and evolutionary significance in relation to mimicry (Lepidoptera, Nymphalidae). *Journal of Zoology* 155(3): 311-325, 4 pls., 2 figs., 3 tabs. ([8] July) [general; morphology; larvae, imagines; Trinidad, South America]
- 1968b. Natural selection for and against a polymorphism which interacts with sex. *Evolution* 22(3): 481-495, 3 figs., 5 tabs. (20 September) [*Heliconius* spp.; Trinidad]
1970. Mimicry: a study in behaviour, genetics, ecology and biochemistry. *Science Progress* (Oxford) 58(230): 219-235, 7 figs. [general; *Heliconius erato* (Linnaeus), *H. melpomene* (Linnaeus); Neotropics]
- 1971a. Experiments on the demography of tropical butterflies. II. Longevity and home-range behaviour in *Heliconius erato*. *Biotropica* 3(1): 21-31, 1 fig., 8 tabs. (June) [Trinidad]
- 1971b. Two thousand generations of hybridization in a *Heliconius* butterfly. *Evolution* 25(3): 471-482, 4 figs., 4 tabs. (30 September) [*H. melpomene* (Linnaeus); genetics; Trinidad, South America]
- 1971c. *Studies of Müllerian mimicry and its evolution in burnet moths and heliconid butterflies*, pp. 224-260, 1 pl., 8 figs., 4 tabs. In: Creed, R. (Ed.), *Ecological genetics and evolution*. Oxford, Blackwell. [*Heliconius* spp.; Neotropics]
- 1972a. See Suomalainen, E. et al., 1972.
- 1972b. The genetics of some polymorphic forms of the butterflies *Heliconius melpomene* (Linnaeus) and *H. erato* (Linnaeus). II. The hybridization of subspecies of *H. melpomene* from Surinam and Trinidad. *Zoologica* (New York) 56(4): 125-157, 4 + 37 figs., 10 tabs. (7 August) [general]
- 1973a. Passion flower butterflies. *Animals* (London) 15(1): 15-21, figs. (January) [also in *Anima* (Tokyo) 1(5): 57-62.] [*Heliconius* spp.; life histories; behavior; ecology; mimicry; Neotropics]
- 1973b. Illustrations of *Heliconius* (Nymphalidae): some rare and important specimens. *Journal of the Lepidopterists' Society* 27(2): 130-136, 22 figs. (16 May) [general; Neotropics]
- 1973c. The genetics of race formation in mimetic butterflies: is the gene the unit of selection? *Genetics* 74(2)(2): s281 (June) [abstract; *Heliconius melpomene* (Linnaeus), *H. erato* (Linnaeus); ecology]
- 1973d. See Suomalainen, E. et al., 1973.
- 1974a. Breeding *Heliconius* (Nymphalidae) in a temperate climate. *Journal of the Lepidopterists' Society* 28(1): 26-33, 6 figs. (14 March) [general]
- 1974b. See Brown, K. S., Jr. et al., 1974.
- 1975a. A tale of two butterflies. *Natural History* (New York) 84(2): 28-37, figs. (February) [*Heliconius* spp.; ecology; behavior; mimicry; Neotropics]
- 1975b. Communal roosting in relation to warning colour in two heliconiine butterflies (Nymphalidae). *Journal of the Lepidopterists' Society* 29(4): 221-226 (24 November) [general; Trinidad]
- 1976a. Adaptive radiation and convergence in subdivisions of the butterfly genus *Heliconius* (Lepidoptera: Nymphalidae). *Zoological Journal of the Linnean Society* 58(4): 297-308, 1 fig., 3 tabs. ([2] June) [general; new subgenus: *Neruda*]
- 1976b. *Muellerian mimicry: Classical 'beanbag' evolution and the role of ecological islands in adaptive race formation*, pp. 185-218, 7 figs., 4 tabs. In: Karlin, S. & E. Nero (Eds.), *Population genetics and ecology*. New York, Academic Press. xiv + 832 pp., figs., tabs. [*Heliconius* spp.; Neotropics]
- 1977a. Elevage d'*Heliconius* (Nymphalidae) sous climat tempéré. *Bulletin de la Société Sciences Nat* 14: 3-7, 6 figs. (June) [translation of J.R.G. Turner, 1974a]
- 1977b. Forest refuges as ecological islands: Disorderly [sic] extinction and the adaptive radiation of Muellierian mimics. *Publications du Laboratoire de Zoologie de l'Ecole normale supérieure* (Paris) 9: 98-117, 3 figs., 2 tabs. (15 July) [*Heliconius* spp.]
- 1977c. See Sheppard, P. M. & J. R. G. Turner, 1977.
- 1977d. *A bibliography of Heliconius and the related genera*. Stony Brook, New York, Author. 21 pp. [general]
- 1977e. *Butterfly mimicry: The genetical evolution of an adaptation*, pp. 163-206, 2 figs. In: Hecht, M. K., W. C. Steere & B. Wallace (Eds.), *Evolutionary Biology*. New York, Plenum Publishing Corporation. 10. [general]
1978. Why male butterflies are non-mimetic: Natural selection, sexual selection, group selection, modification and sieving. *Biological Journal of the Linnean Society* 10(4): 385-432, 6 figs. ([22] December) [general]
- 1979a. Two models of biogeography and three studies of *Heliconius*. *Antenna* 3(1): 40-41 (January) [general]
- 1979b. See Johnson, M. S. & J. R. G. Turner, 1979.
1981. Adaptation and evolution in *Heliconius*: A defence of Neodarwinism. *Annual Review of Ecology and Systematics* 12: 99-121, 3 figs., 1 tab. (November) [general]
1982. *How do refuges produce biological diversity? Allopatry and parapatry, extinction and gene flow in mimetic butterflies*, pp. 309-335, 9 figs., 3 tabs. In: Prance, G. T. (Ed.), *Biological diversification in the tropics*. New York, Columbia University Press. [Heliconiinae]
- 1983a. Mimetic butterflies and punctuated equilibria: some old light on a new paradigm. *Biological Journal of the Linnean Society* 20(3): 277-300, 9 figs., 2 tabs. ([17] November) [Heliconiinae; Neotropics]
- 1983b. *"The hypothesis that explains mimetic-resemblance explains evolution": the gradualist-saltationist schism*, pp. 129-169, 1 fig. In: Grene, M. (Ed.), *Dimensions of Darwinism. Themes and counterthemes in twentieth-*

- century evolutionary theory. Cambridge, Cambridge University Press & Paris, Editions de la Maison des Sciences de l'Homme. [*Heliconius*]
- 1984a. *Heliconius erato* Aurivillius, 1882 (Insecta, Lepidoptera): proposed conservation under the Plenary Powers. Z.N.(S.)1759. *Bulletin of zoological Nomenclature* 41(1): 43-44 (29 March)
- 1984b. Corrections to the application concerning *Heliconius erato* Aurivillius, 1882. Z.N.(S.)1759. *Bulletin of zoological Nomenclature* 41(4): 197 (30 November)
- 1984c. *Mimicry: The palatability spectrum and its consequences*, pp. 141-161, 13 figs., 2 tabs. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
- 1984d. *Darwin's coffin and Doctor Pangloss - do adaptationist models explain mimicry?*, pp. 313-361, 13 figs., 2 tabs. In: Shorrocks, B. (Ed.), *Evolutionary ecology*. Oxford, Blackwell Scientific Publications. [*Heliconius* spp.; genetics; evolution]
- 1984e. *Extinction as a creative force*, pp. 195-204, 5 figs. In: Chadwick, A. C. & S. L. Suttton (Eds.), *Tropical rain-forest. The Leeds Symposium*. Leeds, Leeds Philosophical and Literary Society [*Heliconiinae*]
- 1985a. See Sheppard, P. M. et al., 1985.
- 1985b. Fisher's evolutionary faith and the challenge of mimicry. *Oxford Surveys in evolutionary Biology* 2: 159-196, 1 fig. [general]
1986. *The genetics of adaptive radiation: A Neo-Darwinian theory of punctuational evolution*, pp. 183-207, 5 figs., 1 tab. In: Raup, D. M. & D. Jablonski (Eds.), *Patterns and Processes in the History of Life*. Heidelberg, Springer Verlag [*Heliconiinae*]
1987. The evolutionary dynamics of Batesian and Muellierian mimicry: similarities and differences. *Ecological Entomology* 12(1): 81-95, 9 figs., 1 tab. (February) [*Heliconius* spp.]
1988. The evolution of mimicry: a solution to the problem of punctuated equilibrium. *American Naturalist* 131 (supplement): 42-66, 8 figs. (June) [general]
1995. *Mimicry as a model for coevolution*, pp. 131-150, 7 figs. In: Arai, R., M. Kato & Y. Doi (Eds.), *Biodiversity and evolution*. Tokyo, The National Science Museum Foundation. [*Heliconius doris* (Linnaeus), *Consul fabius* (Cramer)]
1998. See Mallet, J. L. B. & J. R. G. Turner, 1998.
1999. See Speed, M. P. & J. R. G. Turner, 1999.
- Turner, John Richard George, and Jocelyn Crane**
1962. The genetics of some polymorphic forms of the butterflies *Heliconius melpomene* Linnaeus and *H. erato* Linnaeus. I. Major genes. *Zoologica* (New York) 47(3): 141-152, 1 pl., 1 fig., 4 tabs. (29 November) [Trinidad, Surinam]
- Turner, John Richard George, and Ruth Holzinger**
1976. A fake *Heliconius* (Lepidoptera, Nymphalidae). *Systematic Entomology* 1(2): 173-176, 2 figs. (April) [general; taxonomy; Trinidad, South America]
- Turner, John Richard George, Michael Styles Johnson and Walter Francis Eanes**
1979. Contrasted modes of evolution in the same genome: allozymes and adaptive change in *Heliconius*. *Proceedings of the national Academy of Sciences of the United States of America* 76(4): 1924-1928, 4 figs., 4 tabs. (1 April) [general]
- Turner, John Richard George, Elizabeth P. Kearney and Lesley S. Exton**
- [1985]. Mimicry and the Monte Carlo predator: the palatability spectrum and the origins of mimicry. *Biological Journal of the Linnean Society* 23(2/3): 247-268, 8 figs., 1 tab. ("October-November 1984", [2 January 1985]) [*Heliconius doris* (Linnaeus); evolution]
- Turner, John Richard George, and James Louis Borlase Mallet**
1996. Did forest islands drive the diversity of warningly coloured butterflies? Biotic drift and the shifting balance. *Philosophical Transactions of the royal Society of London* (B) 351: 835-845, 2 figs. [*Heliconius*; Neotropics]
- Turner, John Richard George, and Michael P. Speed**
2001. How weird can mimicry get? *Evolutionary Ecology* 13(7/8): 807-827, 1 fig., 1 tab. ("November 1999"; 2001) [general]
- Turner, John Richard George, and Philip Macdonald Sheppard**
1975. Absence of crossing-over in female butterflies (*Heliconius*). *Heredity* 34(2): 265-269, 2 tabs. (April) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus); genetics; Ecuador, Trinidad, Brazil, Surinam]
- Turner, Jon D., and Michael Lee McInnis**
2015. *Euselasia andreae* Hall, Willmott & Busby, 1998, in Panama (Lepidoptera: Riodinidae). *Tropical Lepidoptera Research* 25(2): 101-103, 2 figs. (28 December) [Ecuador]
- Turner, Rowland Edwards** [1863-1945]
1904. See Waterhouse, G. A. & R. E. Turner, 1904.
- Turner, Tenlea**
2019. See Cariveau, A. B. et al., 2019.
- Turner, Thomas W.**
1966. See Brown, F. M. & T. W. Turner, 1966.
- 1992a. *Papilio homerus* (Papilionidae) in Jamaica, West Indies: Field observations and description of immature stages. *Journal of the Lepidopterists' Society* 45(4): 259-271, 3 figs., 1 tab. (19 May) [egg, larva, pupa, imago; host plants; behavior; predators]
- 1992b. See Emmel, T. C. et al., 1992.
1993. See Vane-Wright, R. I. et al., 1993.
1998. See Hernández, L. R. et al., 1998.
2016. A recently discovered subspecies of *Pyrissitia euterpiformis* Munroe (Lepidoptera: Pieridae) from Jamaica, West Indies. *Tropical Lepidoptera Research* 26(2): 97-100, 8 figs. (28 December) [new subspecies: *P. e. turlandi*]
- Turner, Thomas W., and Jacqueline Yvone Miller**
1992. A new species of *Cyanophrys* (Lycaenidae: Theclinae) from Jamaica. *Bulletin of the Allyn Museum* 137: 1-7, 9 figs. (6 August) [*C. harti*]
- Turner, Thomas W., and J. R. Parnell**
1985. The identification of two species of *Junonia* Hübner (Lepidoptera: Nymphalidae): *J. evarete* and *J. genoveva* in Jamaica. *Journal of Research on the Lepidoptera* 24(2): 142-153, 5 figs., 1 tab. (15 October) [general]
- Turner, Thomas W., and Vaughan A. Turland**
2017. *Discovering Jamaican butterflies and their relationships around the Caribbean*. Safety Harbor, Caribbean Wildlife Publications. xiv + 492 pp., 1021 figs. [general]
- 2018a. A newly recognized subspecies of *Danaus* Kluk; *Danaus cleophile jamaicensis* (Nymphalidae: Danainae) from Jamaica, West Indies. *Tropical Lepidoptera Research* 28(1): 9-12, 3 figs. (July; published online 31 May) [Haiti, Dominican Republic]
- 2018b. Replacement name for *Danaus cleophile jamaicensis*



- Turner & Turland, 2018. *Tropical Lepidoptera Research* 28(2): 46 (published online 28 September) [*D. c. yamayensis*; Jamaica]
- Turner, Thomas W., Vaughan A. Turland and Dionne Newell**  
2009. *Astraptes talus* in Jamaica, West Indies (Hesperiidae: Eudaminae). *Tropical Lepidoptera Research* 19(2): 118-121, 4 figs., 1 tab. (1 December) [egg, larva, pupa; host plants]
- Turnipseed, Samuel Guy**  
1977. See Panizzi, A. R. et al., 1977.  
1987. See Kogan, M. & S. G. Turnipseed, 1987.
- Turrent, Alonso**  
2013. *Eryphanis lycomedon* (C. Felder y R. Felder, 1862) un nuevo registro para México. (Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 1(1): 16, 2 figs. (1 August)  
2019a. See Turrent, R. & A. Turrent, 2019.  
2019b. See García, J. de J. & A. Turrent, 2019a.  
2019c. See García, J. de J. & A. Turrent, 2019b.
- Turrent, Alonso, and José de Jesús García**  
2019. Descripción de una nueva especie de *Prepona Boisduval*, 1836 (Lepidoptera: Nymphalidae) de la Sierra Madre del Sur. *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 7(1): 2-14, 9 figs. (2 April) [*P. silvana*; Mexico]
- Turrent, Alonso, and Rafael Turrent**  
2015. Reporte para Guatemala de *Heliconius clysonimus* [sic] *montanus* Salvin, 1871, (Lepidoptera, Papilionoidea, Nymphalidae). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 2(2): 12-13, 1 fig. (30 January)
- Turrent, Rafael** [1954- ]  
1977. See Maza, R. G. de la & R. Turrent, 1977.  
1978. See Maza, R. G. de la & R. Turrent, 1978.  
1985. See Maza, R. G. de la & R. Turrent, 1985.  
2015. See Turrent, A. & R. Turrent, 2015.  
2017. See Maza, R. G. de la et al., 2017.
- Turrent, Rafael, and Alonso Turrent**  
2019. Ciclo de vida parcial y nuevo reporte de *Thereus orasus* (Godman & Salvin, 1887) (Lycaenidae: Eumaeini). *Revista de la Sociedad mexicana de Lepidopterología* (Nueva serie) 6(2): 16-19, 7 figs. (15 January) [larva, pupa, imago; host plant; Mexico]
- Turton, Stephen**  
2017. See Sambhu, H. et al., 2017.
- Turton, William** [1762-1835]  
1801. *A general system of nature, through the three great kingdoms, of animals, vegetables, and minerals: systematically divided into their several classes, orders, genera, species, and varieties, with their habitations, manners, economy, structure and peculiarities. Translated from Gmelin's last edition of the celebrated Systema Naturae, by Sir Charles Linne: amended and enlarged by the improvements and discoveries of later naturalists and societies. With appropriate copper-plates.* Swansea, Lackington, Allen and Co. 3: 784 pp. [Ed. 2, 1806] [general; new name: *Papilio julianus*]  
1806. *A general system of nature, through the three grand kingdoms of animals, vegetables, and minerals, systematically divided into their several classes, orders, genera, species, and varieties, with their habitations, manners, economy, structure, and peculiarities. By Sir Charles Linnè: Translated from Gmelin, Fabricius, Willdenow, &c. Together with various modern arrangements and corrections, derived from the Transactions of the Linnean and other Societies, as well as from the classical works of Shaw, Thornton, Abbot, Donovan, Sowerby, Latham, Dillwyn, Lewin, Martyn, Andrews, Lambert, &c. &c. With a life of Linnè, appropriate copper-plates, and a dictionary explanatory of the terms which occur in the several departments of Natural History. Animal Kingdom.- Vol. III. Insects.- Part II.* London, Lackington, Allen, and Co. 784 pp. [general]
- Tutt, James William** [1858-1911]  
1896a. Mimicry. III. Utility as the predominant factor in developing mimetic patterns. *Entomologist's Record and Journal of Variation* 8(4): 73-76 (15 June) [*Ageronia*, *Katagramma* [sic], *Protogonius*, *Heliconiinae*]  
1896b. Mimicry. V. The origin of leaf-marking as a mimetic pattern. *Entomologist's Record and Journal of Variation* 8(7): 156-158 (15 September) [*Anaea*]  
1896c. Mimicry. VI. Selection guided by utility at work. *Entomologist's Record and Journal of Variation* 8(9): 205-207 (15 October) [*Catonephele*]  
1900. Migration and dispersal of insects - Lepidoptera. *Entomologist's Record and Journal of Variation* 12(9): 236-238 (15 September) [*Anosia archippus* (Fabricius), *A. a. form erippus* (Cramer)]  
1902. *The migration & dispersal of insects.* London, Elliot Stock. [ii] + 132 pp. [general; Neotropics]
- Tuxen, Søren Ludvig Poulsen** [1908-1983]  
1958. Om mimicry. *Ammeldelser og reflexioner. Entomologiske Meddelelser* 28(4): 190-200 (15 April) [general]  
1959. Der Entomologe I. C. Fabricius und die Typen der von ihm beschriebenen Arten. *Zoologischer Anzeiger* 163(11/12): 343-350 (December) [general]  
1960. Gedanken über Mimikry beim Lesen zweier Antagonisten. *Zoologischer Anzeiger* 164(1/2): 11-17 (January) [general]  
1972. Wickler, W.: Mimikry. Nachahmung und Täuschung in der Natur. *Zeitschrift für zoologische Systematik und Evolutionsforschung* 10(2): 154-157. [book review]
- Twidle, Arthur** [1865-1936]  
[1920]. *Beautiful butterflies of the Tropics. How to collect them.* London, The Religious Tract Society. [also New York, Frederick A. Stokes Company, Publishers]. i-x, 11-103, 13 pls., figs. [general; ecology; Neotropics]
- Tye, Alan**  
2014. See Carrión, J. et al., 2014.
- Tyler, Hamilton Alden** [1917-1983]  
1975. *The swallowtail butterflies of North America.* Healdsburg, Naturegraph Publishers. vii + 192 pp., 16 pls., figs. [general; host plants; life histories; behavior; ecology; Mexico]  
[1989]. See Spade, P. et al., [1989].
- Tyler, Hamilton Alden, Keith Spalding Brown, Jr. and Kent Hale Wilson**  
1994. *Swallowtail butterflies of the Americas. A study in biological dynamics, ecological diversity, biosystematics, and conservation.* Gainesville, Scientific Publishers. 376 pp., 100 pls., figs., tabs., maps ([30 September]) [ecology; behavior; life histories; host plants; mimicry; genetics; biogeography; phylogeny; evolution; classification; new names: *Parides aeneas damis* Brown & Lamas, *P. a. lucasi* Brown & Lamas, *P. a. linoides* Brown & Lamas, *Protographium leucaspis lamidis* Brown & Lamas, *Eurytides dolicaon hebreus* Brown & Lamas, *Mimoides ariarathes evagorides* Brown & Lamas, *M. a. demerara*

Brown & Lamas, *Heraclides garleppi lecerfi* Brown & Lamas, *H. torquatus jeani* Brown & Lamas, *Pterourus birchallii devriesi* Brown & Wilson; Neotropics]

**Tyler, Stephanie**

2019a. See Nakahara, S. et al., 2019a.

2019b. See Brévignon, C. et al., 2019.

**Tylor, Alfred [1824-1884], and Sydney Barber Josiah Skertchly**

1886. *Colouration in animals and plants*. London, Alabaster, Passmore, and Sons. xiv + 105 pp., 12 pls., 17 figs. [general]

**Tyrode, Eric C.**

2017. See Corkery, R. W. & E. C. Tyrode, 2017.

# U

## Uc, Santiago

2002. See Pozo, M. del C. et al., 2002.  
2003. See Pozo, M. del C. et al., 2003.

## Uchida, Grant K.

1979. See Riotte, J. C. E. & G. K. Uchida, 1979.

## Uchôa, Manoel Araújo, Claudenir Simões Caires, José do Nascimento Nicácio and Marcelo Duarte

2012. Frugivory of *Neosilba* species (Diptera: Lonchaeidae) and *Thepytus echelta* (Lepidoptera: Lycaenidae) on *Psittacanthus* (Santalales: Loranthaceae) in ecotonal Cerrado-South Pantanal, Brazil. *Florida Entomologist* 95(3): 630-640, 4 figs., 3 tabs. (September) [host plant]

## Udawatta, Milan

2014. See Pierce, A. A. et al., 2014.

## Ueda, Kyoichiro

1997. The Butterflies of Venezunela [sic] Part 1: Nymphalidae I (Limenitidinae, Apaturinae, Charaxiinae). 144 pp. 32 pls. Andrew F. E. Neild. *Yadoriga* 173: 34-36 (15 December) [In Japanese] [general; book review]  
2004. See Endo, T. & K. Ueda, 2004.

## Uehara, Jiro

2011. Collecting butterflies in French Guiana. *Butterflies* (Teinopalpus) 59: 39-48, 25 figs. (20 December) [general]  
2012. Collecting butterflies in Surinam. *Butterflies* (Teinopalpus) 60: 31-41, 35 figs. (31 May) [general]  
2013a. Collecting butterflies in Venezuela. *Butterflies* (Teinopalpus) 63: 29-49, 100 figs. (30 April) [general]  
2013b. Collecting butterflies in Bolivia. *Butterflies* (Teinopalpus) 64: 20-32, 55 figs. (31 October) [general]  
2015. Collecting butterflies in Belize. *Butterflies* (Tokyo) 70: 48-57, 42 figs. (10 November) [general]  
2016. Pyrrhopygini in Shima, Peru [In Japanese]. [*The Nature and Insects*] 51(11): 12-15 [general]  
2017a. Collecting butterflies in El Salvador. *Butterflies* (Tokyo) 74: 23-47, 110 figs. (31 May) [general]  
2017b. Collecting butterflies in Paraguay. *Butterflies* (Tokyo) 76: 36-51, 69 figs. (31 December) [general]  
2019. Trips in quest of butterflies in Argentina. *Butterflies* (Tokyo) 78: 31-47, 65 figs. (30 October) [general]

## Uehara, Jiro, and Takeshi Inoue

2007. Collecting butterflies in Uruguay. *Butterflies* (Tokyo) 47: 25-29, 17 figs. (20 December) [general]  
2008. Collecting butterflies in Chile. *Butterflies* (Teinopalpus) 48: 36-42, 24 figs. (20 April) [general]  
2014. Collecting butterflies in the Republic of Guyana. *Butterflies* (Teinopalpus) 67: 47-57, 35 figs. (30 November) [general]

## Uehara-Prado, Márcio

2006. See Freitas, A. V. L. et al., 2006.  
2010. See Dolibaina, D. R. et al., 2010b.  
[2014]a. See Santos, J. P. dos et al., [2014]a.  
[2014]b. See Santos, J. P. dos et al., [2014]b.  
[2014]c. See Santos, J. P. dos et al., [2014]c.  
[2014]d. See Santos, J. P. dos et al., [2014]d.  
2014e. See Herkenhoff, E. V. et al., 2014.  
2015a. See Freitas, A. V. L. et al., 2015a.  
2015b. See Silva, A. R. M. et al., 2015.

- 2015c. See Van Swaay, C. et al., 2015.  
2016. See Santos, J. P. dos et al., 2016.  
2018a. See Iserhard, C. A. et al., 2018.  
2018b. See Santos, J. P. dos et al., 2018.  
2019a. See Santos, J. P. dos et al., 2019.  
2019b. See Filgueiras, B. K. C. et al., 2019.

## Uehara-Prado, Márcio, Keith Spalding Brown, Jr. and André Victor Lucci Freitas

2005. Biological traits of frugivorous butterflies in a fragmented and a continuous landscape in the South Brazilian Atlantic forest. *Journal of the Lepidopterists' Society* 59(2): 96-106, 2 figs., 6 tabs. (25 July) [general]  
2007. Species richness, composition and abundance of fruit-feeding butterflies in the Brazilian Atlantic Forest: comparison between a fragmented and a continuous landscape. *Global Ecology and Biogeography* 16(1): 43-54, 5 figs., 3 tabs. (January; published online 16 December 2006) [general]

## Uehara-Prado, Márcio, Juliana de Oliveira Fernandes, Ayra de Moura Bello, Glaucio Machado, Adalberto José dos Santos, Fernando Zagury Vaz-de-Mello and André Victor Lucci Freitas

2009. Selecting terrestrial arthropods as indicators of small-scale disturbance: A first approach in the Brazilian Atlantic Forest. *Biological Conservation* 142(6): 1220-1228, 3 figs., 3 tabs. (June; published online 14 March) [general]

## Uehara-Prado, Márcio, and Rafael Luis Fonseca

2007. Urbanization and mismatch with protected areas place the conservation of a threatened species at risk. *Biotropica* 39(2): 264-285, 2 figs. (March; published online 8 February) [*Parides ascanius* (Cramer); Brazil]

## Uehara-Prado, Márcio, and André Victor Lucci Freitas

2009. The effect of rainforest fragmentation on species diversity and mimicry ring composition of ithomiine butterflies. *Insect Conservation and Diversity* 2(1): 23-28, 2 figs., 1 tab. (February; published online 30 October 2008) [general; Brazil]  
2019. Population structure of *Taygetis ypthima* (Nymphalidae, Euptychiina) in Southeast Brazil. *Journal of the Lepidopterists' Society* 73(1): 63-64 (14 March) [ecology]

## Uehara-Prado, Márcio, André Victor Lucci Freitas, Ronaldo Bastos Francini and Keith Spalding Brown, Jr.

2004. Guia das borboletas frugívoras da Reserva Estadual do Morro Grande e região de Caucaia do Alto, Cotia (São Paulo). *Biota neotropica* 4(1): 1-25, 18 pls. (published online 12 February) [general; Brazil]

## Uehara-Prado, Márcio, and Danilo Bandini Ribeiro

2012. *Borboletas em floresta atlântica: métodos de amostragem e inventário de espécies na Serra do Itapeti*, pp. 167-186, 4 figs., 4 tabs. In: Morini, M. S. de C. & V. F. O. de Miranda (Eds.), *Serra do Itapeti. Aspectos históricos, sociais e naturalísticos*. Bauru, Canal 6 Editora. [general; Brazil]

## Uémura, Yoshinobu

- 2007a. Brief introduction of the topics on the satyrid butterflies. *The Nature and Insects* 42(13): 2-3, figs. [general]  
2007b. See Naka, H. & Y. Uémura, 2007.

## Uezu, Alexandre

2016. See Ferreira, C. P. dos S. et al., 2016.
- Ugarte, Alfredo J.**  
1997. See Peña, L. E. & A. J. Ugarte, 1997.  
2014. See Benyamini, D. et al., 2014.  
2016. See Pycrz, T. W. et al., 2016a.
- Ule, Ernst Heinrich Georg** [1854-1915]  
1897a. Ueber Blütenverschluss bei Bromeliaceen mit Berücksichtigung der Blütheneinrichtungen der ganzen Familie. *Berichte der deutschen botanischen Gesellschaft* 14(10): 407-422, pl. 23 (27 January) [*Heliconius eucrate* Hübner, *Ageronia* sp., Hesperidae; Brazil]  
1897b. Symbiose zwischen *Asclepias curassavica* und einen Schmetterling, nebst Beitrag zu derjenigen zwischen Ameisen und Cecropia. *Berichte der deutschen botanischen Gesellschaft* 15(7): 385-387 (7 September) [*Danaus euripus* (sic) (Cramer); host plants; Brazil]
- Ulloa, Patricia Chacón de**  
2009. See Sanabria, M. C. & P. C. de Ulloa, 2009.
- Ulysséa, Mônica Antunes, Natalia Hanazaki and Benedito Cortês Lopes**  
2010a. Insetos no folclore da comunidade do Ribeirão da Ilha, Florianópolis, Santa Catarina, Brasil. *Sitientibus* (Ciências Biológicas) 10(2/4): 244-251, 1 fig., 1 tab. (June) [general; ethnoentomology]  
2010b. Percepção e uso dos insetos pelos moradores da comunidade do Ribeirão da Ilha, Santa Catarina, Brasil. *Biotemas* (Florianópolis) 23(3): 191-202, 2 figs., 3 tabs. (September) [general; ethnoentomology]
- Umada, Hidenori, and Osamu Yata**  
2005. Morphological reexamination of *Papilio alexanor* Esper, 1799 (Lepidoptera: Papilionidae), with special reference to the female genitalia. *Butterflies* (Tokyo) 41: 45-50, 6 figs. (20 December) [*Pterourus*, *Heraclides*]  
2006. Comparative morphology of the genus *Chilasa* (Lepidoptera, Papilionidae). *Transactions of the lepidopterological Society of Japan* 57(1): 34-42, 27 figs. (10 January) [*Heraclides anchisiades* (Esper)]
- Umaña, Gerardina**  
2007. See Cerdas, M. del M. et al., 2007.
- Umbers, Kate D. L.**  
2013. On the perception, production and function of blue colouration in animals. *Journal of Zoology* 289(4): 229-242, 2 figs., 1 tab. (April; published online 29 November 2012) [*Morpho*]
- Umebachi, Yoshihige**  
1980. *Wing pigments derived from tryptophan in butterflies*, pp. 117-124, 4 figs. In: Hayaishi, O. et al. (Eds.), *Biochemical and medical aspects of tryptophan metabolism*. Amsterdam, Elsevier/North Holland Biomedical Press. [*Heliconius wallacei* Reakirt]
- Umebachi, Yoshihige, and Yasuhiro Aburano**  
1978. The presence or absence of beta-alanine in the wing-scales of butterflies. *Science Reports of Kanazawa University* 23(1): 43-55, 1 fig., 3 tabs. (June) [*Heliconius wallacei* Reakirt]
- Underhill, Les G.**  
2015. See Van Swaay, C. et al., 2015.
- Underwood, Dessie L. A.**  
1994a. Methods for sexing Lepidoptera larvae using external morphology. *Journal of the Lepidopterists' Society* 48(3): 258-263, 2 figs. (17 August) [*Eucheira socialis* Westwood; Mexico]  
1994b. Intraspecific variability in host plant quality and ovipositional preferences in *Eucheira socialis* (Lepidoptera: Pieridae). *Ecological Entomology* 19(3): 245-256, 12 figs., 1 tab. (August) [Mexico]  
1997. See Porter, A. H. et al., 1997.  
1998a. See Fitzgerald, T. D. & D. L. A. Underwood, 1998a.  
1998b. See Fitzgerald, T. D. & D. L. A. Underwood, 1998b.  
2000. See Fitzgerald, T. D. & D. L. A. Underwood, 2000.  
2007. See Wheat, C. W. et al., 2007.  
2011. See Sun, J. J. & D. L. A. Underwood, 2011.
- Underwood, Dessie L. A., Shafinaz Hussein, Carl Goodpasture, Moisés Armando Luis, Jorge Enrique Llorente and Arthur Maurice Shapiro**  
2005. Geographic variation in meiotic instability in *Eucheira socialis* (Lepidoptera: Pieridae). *Annals of the entomological Society of America* 98(2): 227-235, 4 figs., 6 tabs. (March) [chromosomes; Mexico]
- Underwood, Dessie L. A., and Arthur Maurice Shapiro**  
1999a. Evidence for division of labor in the social caterpillar *Eucheira socialis* (Lepidoptera: Pieridae). *Behavioral Ecology and Sociobiology* 46(4): 228-236, 7 figs. (September) [behavior; Mexico]  
1999b. A male-biased primary sex ratio and larval mortality in *Eucheira socialis* (Lepidoptera: Pieridae). *Evolutionary Ecology Research* 1(6): 703-717, 4 figs., 4 tabs. (October) [host plant; Mexico]
- Ungaro, Maria Regina Gonçalves**  
1983. See Lourenção, A. L. & M. R. G. Ungaro, 1983.
- Unno, Kazuo** [1947- ]  
1980. *Butterflies, their worlds*. [In Japanese]. Tokyo, Kyôritsu Shuppan Ltd. 112 pp., figs. [*Danaus plexippus* (Linnaeus); migration; Mexico]  
1987. Some observation[s] on *Agrias* & *Morpho* in Manaus, Brazil. [In Japanese]. *Yadoriga* 128: 20-23, 12 figs. (5 March) [ecology; behavior]
- Unno, Kazuo, Hirotaka Matsuka and Susumu Yamaguchi**  
1987. [In search of the world's most beautiful butterflies], pp. 39-50, figs. In: Igarashi, S. (Ed.), *Butterflies. Papillons*. Tokyo. [In Japanese] [general]
- Unwins, Mike, and [Mike] Pringle**  
2001. Bolivia - Butterflies of the Andes and Amazon basin. *Bulletin of the amateur Entomologists' Society* 60(438): 184 (October) [general]
- Urban, Danúncia** [1933- ]  
1977. See Oliveira, B. L. de & D. Urban, 1977.
- Urbano, Plutarco María**  
2011. See Yara, C. L. et al., 2011.
- Urbano, Plutarco María, Oscar Javier Mahecha, Luz Elena Suárez, Vanessa Izquierdo and Vanessa Díaz**  
2018. Variación temporal del ensamblaje de mariposas asociadas a la Cuenca de la Calabozza, Yopal, Casanare, Colombia (Lepidoptera: Papilionoidea). *Shilap* 46(184): 533-550, 8 figs., 1 tab. (30 December) [general]
- Urbano, Plutarco María, Jairo Antonio Munevar, Oscar Javier Mahecha and Eduwin Antonio Hincapié**  
2014. Diversidad y estructura de las comunidades de Lepidoptera en la zona del ecotono entre el piedemonte llanero y sabana inundable en Casanare-Colombia (Lepidoptera: Papilionoidea). *Shilap* 42(167): 433-447, 6 figs., 1 tab. (30 September) [general]
- Urbina, José**  
2008. See Purser, B. H. & J. Urbina, 2008.
- Urdaneta, R.**  
1999a. See Ramírez, R. et al., 1999.  
1999b. See Domínguez, O. E. et al., 1999.
- Urech, Friedrich Wilhelm Carl**

1893. Beiträge zur Kenntnis der Farbe von Insekten-schuppen. *Zeitschrift für wissenschaftliche Zoologie* 57(2): 306-384 (31 December) [general]
- Ureta, Emilio** [1907-1959]
1934. Lista de ropalóceros de la Provincia de Coquimbo. *Revista chilena de Historia natural* 38: 78-80 (after 4 October) [general; Chile]
1935. Entomología del Territorio de Aysén. *Boletín del Museo nacional* (Santiago de Chile) 14: 83-96. [general; Chile]
1936. Lepidopterología chilena. Una nueva especie de Hesperiidae (Lep.) para Chile y anotaciones sobre dos especies más de la misma familia. *Boletín del Museo nacional de Chile* (Santiago de Chile) 15: 153-157, 1 pl. (on p. 71) [*Goniurus proteus* (Linnaeus), *G. octomaculata* (Sepp), *Epargyreus argentosus* Hayward]
- 1936c. Nota adicional a la lista de ropalóceros de Coquimbo. *Revista chilena de Historia natural* 39: 266 ("1935", 1936) [*Anosia plexippus* (Linnaeus), *Butleria flavomaculatus* Blanchard; Chile]
- 1937a. Segunda nota adicional a la lista de ropalóceros de la Provincia de Coquimbo. *Revista chilena de Historia natural* 40: 108-110 ("1936", before 1 July 1937) [*Faunula leucoglène* Felder, *Tatochila microdice* Blanchard, *Colias flaveola* Blanchard; behavior; Chile]
- 1937b. Lepidópteros de Chile. *Revista chilena de Historia natural* 40: 343-380, pls. 21-25, fig. 43 ("1936", before 1 July 1937) [general; host plants; behavior]
- 1938a. Cuatro nuevos lepidópteros ropalóceros para la fauna chilena. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 16: 115-117, fig. 1 (after 3 October) [*Hylephila bouletti* Mabille, *Butleria elwesi* Evans (*nomen nudum*), *Libythea carinenta* (Cramer)]
- 1938b. Sobre un ginandromorfo de *Colias vauthieri*. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 16: 117-119, fig. 2 (after 3 October) [Chile]
- 1938c. Lista de ropalóceros de Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 16: 121-130 (after 3 October) [general]
- 1938d. Sobre cuatro ropalóceros de Diuquín. *Revista chilena de Historia natural* 41: 180-181 ("1937", before 22 June 1938) [*Tatochila blanchardii* Butler, *Pyrameis carye* Hübner, *Argynnis cytheris* (Drury), *Epinephele coctei* (Guérin); Chile, Peru, Argentina]
- 1938e. Lepidópteros de Chile (II parte). *Revista chilena de Historia natural* 41: 237-287, pls. 11-12, figs. 32-40 ("1937", before 22 June 1938) [general; new taxa: *Tatochila mercedis* aberration *lilae*, *T. m.* aberration *porterii*, *T. m.* aberration *elwesi*, *T. blanchardii* aberration *izquierdoi*, *T. microdice* form *wagenknechti*; life histories; ecology; behavior]
1939. Ropalóceros de la Provincia de Coquimbo. *Revista chilena de Historia natural* 42: 296-299 ("1938", 1939) [general; Chile]
1940. Lepidópteros de Chile (III parte). *Revista chilena de Historia natural* 43: 226-260, pls. 13-14, fig. 34 ("1939", 26 April 1940) [general; Papilionidae, Pieridae; new form: *Eroessa chilensis* form *oyarzuni*; life histories]
1941. Lepidópteros ropalóceros de Bolivia. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 19: 31-41, 5 figs. (after 5 December) [general; host plants; ecology; Panama, South America]
- [1942]. Lepidópteros teratológicos en Chile. *Revista chilena de Historia natural* 44: 244-245 ("1940", [June 1942]) [*Colias vauthierii* Guérin, *Tatochila mercedis* (Eschscholtz)]
1944. Ropalóceros de Satipo (Perú). *Revista chilena de Historia natural* 46/47: 270-274. [general]
1947. Nuevos ropalóceros (Lep.) de Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 23: 47-61, pls. 1-2 (after 22 November) [general; *Teriocolias atinas kuscheli*, *Thecla wagenknechti*, *Pyrgus fides* form *haywardi*; Bolivia, Argentina, Peru, Ecuador]
1949. Lepidópteros de Chile (Rhopalocera). IV Parte. Familia Lycaenidae. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 24: 93-123, 2 pls. (after 23 August) [general; new taxa: *Thecla kuscheli*, *T. bicolor* aberration *tricolor*, *Leptotes trigemmatum borealis*, *Scolitantides andina* form *horsti*; ecology; host plants; Peru, Argentina, Ecuador, Bolivia]
- 1955a. *Castnia psittacus* (Molina 1781), nueva combinación. *Revista chilena de Entomología* 4: 229-231 (30 June) [*Mathania leucothea* (Molina); taxonomy; Chile]
- 1955b. Nuevas especies [sic] de Pieridae (Lep. Rhopalocera) de Chile y Argentina. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 26(4): 57-71, 2 pls., 1 fig. (27 July) [*Hypsochila* (new genus) *wagenknechti sulfurodice*, *H. galactodice*, *H. (Chionanema, new subgenus) penai*, *Phulia illimani illyodes*]
- 1956a. Nuevos ropalóceros (Lep.) de Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 26(6): 159-185, 2 pls., 9 figs. (14 March) [general; *Piercolias nysias rosea*, *Argyrophorus argenteus elinoides*, *Pyrgus barrosi*, *Andinus venustus haywardi*; Neotropics]
- 1956b. Nuevas especies de Lycaenidae (Lep. Rhopalocera) de Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 26(6): 257-260, 3 figs. (14 March) [*Thecla rojasi*, *T. flavaria*, *Itylos endymion oligocyanea*]
- 1956c. Colecta de mariposas en Vicuña. *Noticiero mensual. Museo nacional de Historia natural* (Santiago de Chile) 1(2): 5-6 (September) [general; behavior; Chile]
1957. Mariposas chilenas. *Noticiero mensual. Museo nacional de Historia natural* (Santiago de Chile) 2(13): 4 (August) [general]
- 1958a. *Tatochila autodice* (Hübner) en Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 27(2): 165. [Argentina]
- 1958b. Lepidópteros introducidos accidentalmente en Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 27(2): 166. [*Opsiphanes tamarindi spadix* Stichel; Ecuador]
1963. Catálogo de lepidópteros de Chile. *Boletín del Museo nacional de Historia natural* (Santiago de Chile) 28(2): 53-149. [general]
- Uribe, Cristina, and Julián Adolfo Salazar**
1998. *Mariposas del Llano*. Bogotá, Cristina Uribe Editores, Ltda. 104 pp., figs. (November) [general; Colombia]
- Uribe, Joaquín Antonio** [1858-1935]
1916. *Cuadros de la naturaleza. Segunda serie*. Medellín, Lázaro Gómez. 154 pp. [Ed. 2, 1920; other eds. 1936, 1958] [general; Colombia]
- Uribe, Sandra Inés**
2005. See Álvarez, C. F. et al., 2005.
2007. See Gómez, L. M. & S. I. Uribe, 2007.
- 2009a. See Elias, M. et al., 2009.
- 2009b. See Gómez, L. M. et al., 2009.
- 2009c. See Marín, M. A. et al., 2009.
- 2009d. See Giraldo, C. E. et al., 2009.

- 2009e. See Marín, M. A. & S. I. Uribe, 2009.
- 2010a. See Clavijo, A. et al., 2010.
- 2010b. See Giraldo, C. E. & S. I. Uribe, 2010a.
- 2010c. See Giraldo, C. E. & S. I. Uribe, 2010b.
2011. See Marín, M. A. et al., 2011.
- 2012a. See Marín, M. A. et al., 2012.
- 2012b. See Giraldo, C. E. & S. I. Uribe, 2012.
2013. See Giraldo, C. E. et al., 2013.
- 2014a. See Marín, M. A. et al., 2014.
- 2014b. See Giraldo, C. E. et al., 2014.
- 2016a. See Barbosa, E. de P. et al., 2016.
- 2016b. See Pycz, T. W. et al., 2016b.
- 2016c. See Chazot, N. et al., 2016c.
- 2016d. See Domínguez, K. et al., 2016.
- [2016]e. See Giraldo, C. E. et al., [2016].
- 2017a. See Silva, D. L. de et al., 2017.
- 2017b. See Marín, M. A. et al., 2017a.
- 2017c. See Marín, M. A. et al., 2017b.
- 2017d. See Álvarez, C. F. et al., 2017.
- 2017e. See Barbosa, E. de P. et al., 2017.
2018. See Chazot, N. et al., 2018.
- Uribe, Susana**
2003. See Luna, C. et al., 2003a.
- Urich, Frederick Clive** [ -2010]
- 1978a. A new butterfly record for Trinidad & Tobago. *Living World* 1977-78: 12-13, 2 figs. [*Magneptychia libye* (Linnaeus)]
- 1978b. The re-appearance of *Pieris sevanta* [sic] *janeta*. *Living World* 1977-78: 15, 2 figs. [Trinidad]
1980. Notes on the life history of *Catonephele numilia* Cr. (Lepidoptera: Nymphalidae). Host plant: *Alchornea triplinervia* (Spr.) Euphorbiaceae. *The Aurelian* 1(4): 1-2 (10 January) [Trinidad]
1988. Metamorphosis of *Historis acheronta* (Fabricius) Lepidoptera Nymphalidae. *Living World* 1987-1988: 32-33, 2 figs. (August) [egg, larva, pupa; host plant; Trinidad]
- Urich, Frederick Clive, and Julius Oscar Boos**
1982. Metamorphosis of *Dynastor macrosiris* Westw. (Lepidoptera Brassolidae). *Living World* 1981-1982: 34, 4 figs. [Trinidad]
- Urich, Frederick Clive, and Thomas Chadbourne Emmel**
- 1990a. Life histories of Neotropical butterflies from Trinidad. 1. *Pierella hyalinus fusimaculata* (Lepidoptera: Satyridae). *Tropical Lepidoptera* 1(1): 25-26, 1 fig. ([17] December) [egg, larva, pupa, imago]
- 1990b. Life histories of Neotropical butterflies from Trinidad. 2. *Antirrhaea* [sic] *philoctetes* (Lepidoptera: Nymphalidae: Morphinae). *Tropical Lepidoptera* 1(1): 27-32, 3 figs. ([17] December) [egg, larva, pupa, imago]
- 1991a. Life histories of Neotropical butterflies from Trinidad. 3. *Morpho peleides insularis* (Lepidoptera: Nymphalidae: Morphinae). *Tropical Lepidoptera* 2(2): 137-139, 1 fig. ([31] December) [egg, larva, pupa, imago; host plants]
- 1991b. Life histories of Neotropical butterflies from Trinidad. 4. *Dynastor macrosiris* (Lepidoptera: Nymphalidae: Brassolinae). *Tropical Lepidoptera* 2(2): 141-144 ([31] December) [egg, larva, pupa, imago; host plant]
- 1991c. Life histories of Neotropical butterflies from Trinidad. 5. *Dynastor darius darius* (Lepidoptera: Nymphalidae: Brassolinae). *Tropical Lepidoptera* 2(2): 145-149, 5 figs. ([31] December) [egg, larva, pupa, imago; host plant]
- Urich, Frederick William** [1870-1937]
1910. *Annual Report of the Entomologist*. Trinidad, Board of Agriculture. 6 pp. [*Brassolis sophorae* (Linnaeus); host plant; Trinidad]
1912. Sugar-cane insects in Trinidad. *West Indian Bulletin* 12(3): 388-391. [*Caligo saltus* Fruhstorfer, HesperIIDae]
1913. Notes on some Mexican sugar cane insects from Santa Lucrecia, State of Vera Cruz, including a description of the sugar cane tingid from Mexico. *Journal of economic Entomology* 6(2): 247-249, pl. 7 (April) [reprinted in *Proceedings of the agricultural Society of Trinidad and Tobago* 14(1): 23-26, 1 pl.,; January 1914] [*Perimeles remus* (Fabricius); host plant]
- 1915a. Insects affecting the sugar cane in Trinidad. *Bulletin of the Department of Agriculture, Trinidad and Tobago* 14(5): 156-161 (5 October) [*Caligo ilioneus* [sic] *saltus* Fruhstorfer, HesperIIDae]
- 1915b. The coconut butterfly. *Brassolis sophorae*. *Bulletin of the Department of Agriculture, Trinidad and Tobago* 14(5): 172 (5 October) [parasitoid; Guyana, Trinidad]
- 1915c. Insects affecting the coconut palm in Trinidad. *Bulletin of the Department of Agriculture, Trinidad and Tobago* 14(6): 200-203 (25 November) [*Brassolis sophorae* (Linnaeus); parasitoids]
1926. [A note]. *Proceedings of the South London entomological & natural History Society* 1925-26: 69-70. [general; eggs, larvae, pupae; host plants; behavior; parasitoids; Trinidad]
1932. The arrowroot leaf roller (*Calpodes ethlius*). *Tropical Agriculture* 9(10): 299-300 (October) [life history; behavior; parasitoids; Neotropics]
- Urich, Frederick William, and Otto Heidemann**
1913. Notes on some Mexican sugar cane insects from Santa Lucrecia, State of Vera Cruz, including a description of the sugar cane tingid from Mexico. *Journal of economic Entomology* 6(2): 247-251, 2 figs. (22 April) [*Perimeles remus* (Fabricius)]
- Ürményi, Turán Peter**
2010. See Jardim, B. de C. et al., 2010.
- Urquhart, Frederick Albert** [1911-2003]
1960. *The Monarch Butterfly*. Ontario, University of Toronto Press. xxiv + 361 pp., 12 pls., 79 figs. [general; Danainae; host plants; egg, larva, pupa, imago; behavior; ecology; parasitoids and predators; mimicry; morphology; physiology; Neotropics]
1966. A study of the migrations of the Gulf Coast population of the monarch butterfly (*Danaus plexippus* L.) in North America. *Annales zoologici fennici* 3(2): 82-87 (28 May) [behavior; Mexico]
1971. La mariposa monarca. *Historia natural y Pro Natura* 3(4): 26-27, 1 fig. [*Danaus plexippus* (Linnaeus); migration; Mexico]
1973. The migrating monarch. *The News, Vistas* (Mexico), p. 2, 1 fig., 1 map (25 February) [*Danaus plexippus* (Linnaeus); Mexico]
- 1976a. Found at last: the monarch's winter home. *National geographic Magazine* 150(2): 160-173, figs. (August) [*Danaus plexippus* (Linnaeus); behavior; life history; Mexico]
- 1976b. Ecological studies of the monarch butterfly (*Danaus plexippus* L.). *National geographic Society Research Reports* 1968: 437-443, 3 figs. [migration; Mexico, Central America]
- 1980a. Monarch butterfly conservation. *Bulletin. Entomological Society of Canada* 12(2): 33 (June) [*Danaus plexippus* (Linnaeus); Mexico]
- 1980b. Conservation areas for the Eastern population of the monarch butterfly, *Danaus plexippus plexippus* (Lepidoptera: Danaidae). *Proceedings of the entomological*

- Society of Ontario* 110: 109 (September) [Mexico]
1987. *The Monarch Butterfly: International Traveler*. Chicago, Nelson-Hall. xxiv + 232 pp., 24 pls., figs. [general; Danainae; Neotropics]
- Urquhart, Frederick Albert, and Norah Roden Urquhart**
- 1976a. A study of the peninsular Florida populations of the monarch butterfly (*Danaus p. plexippus*; Danaidae). *Journal of the Lepidopterists' Society* 30(2): 73-87, 7 figs., 2 tabs. (12 July) [ecology; migration; Mexico, Central America, West Indies]
- 1976b. Monarch butterfly (*Danaus plexippus* L.) overwintering population in Mexico (Lep. Danaidae). *Atalanta* 7(2): 56-64, 3 figs. (August) [migration; ecology]
- 1976c. The overwintering site of the Eastern populations of the monarch butterfly (*Danaus p. plexippus*; Danaidae) in southern Mexico. *Journal of the Lepidopterists' Society* 30(3): 153-158, 2 figs. (22 September) [Guatemala, West Indies]
- [1978]a. Overwintering areas and migratory routes of the monarch butterfly (*Danaus p. plexippus*, Lepidoptera: Danaidae) in North America, with special reference to the western population. *Canadian Entomologist* 109(12): 1583-1589, 4 figs., 1 tab. ("December 1977", [6 January 1978]) [Mexico]
- 1978b. Migrations of the Eastern population of the monarch butterfly in North America to the overwintering site in the Neo-Volcanic plateau of Mexico (Lep. Danaidae). *Atalanta* 9(2): 133-139, 2 figs., 1 tab. (June) [*Danaus plexippus* (Linnaeus)]
- 1978c. Autumnal migration routes of the Eastern population of the monarch butterfly (*Danaus p. plexippus* L.; Danaidae; Lepidoptera) in North America to the overwintering site in the Neovolcanic Plateau of Mexico. *Canadian Journal of Zoology* 56(8): 1759-1764, 3 figs., 1 tab. (August)
- 1979a. Vernal migration of the monarch butterfly (*Danaus p. plexippus*, Lepidoptera: Danaidae) in North America from the overwintering site in the Neo-Volcanic Plateau of Mexico. *Canadian Entomologist* 111(1): 15-18, 1 fig., 1 tab. ("January", [16 February])
- 1979b. Aberrant autumnal migration of the Eastern population of the monarch butterfly, *Danaus p. plexippus* (Lepidoptera: Danaidae) as it relates to the occurrence of strong westerly winds. *Canadian Entomologist* 111(11): 1281-1286, 2 figs., 1 tab. ([21] November) [Central America, West Indies]
- 1979c. Breeding areas and overnight roosting locations in the northern range of the monarch butterfly (*Danaus plexippus plexippus*) with a summary of associated migratory routes. *Canadian Field-Naturalist* 93(1): 41-47, 3 figs. [Mexico]
- 1980a. Monarch butterflies protected in overwintering sites in Mexico. *Atalanta* 11(2): 119-120 (May) [*Danaus plexippus* (Linnaeus); migration]
- 1980b. Monarch butterfly conservation. *Journal of Research on the Lepidoptera* 17(4): 268 ([27 December]) [*Danaus plexippus* (Linnaeus); Mexico]
- 1980c. Migration studies of the Monarch butterfly in North America. *National geographic Society Research Reports* 12: 721-730, 5 figs. [*Danaus plexippus* (Linnaeus); Mexico]
1985. Migration of the monarch butterfly. *National geographic Research Reports* 19: 611-616, 2 figs. [*Danaus plexippus* (Linnaeus); Neotropics]
- Urquhart, Norah Roden** [1918-2009]
- 1976a. See Urquhart, F. A. & N. R. Urquhart, 1976a.
- 1976b. See Urquhart, F. A. & N. R. Urquhart, 1976b.
- 1976c. See Urquhart, F. A. & N. R. Urquhart, 1976c.
- 1978a. See Urquhart, F. A. & N. R. Urquhart, 1978a.
- 1978b. See Urquhart, F. A. & N. R. Urquhart, 1978b.
- 1978c. See Urquhart, F. A. & N. R. Urquhart, 1978c.
- 1979a. See Urquhart, F. A. & N. R. Urquhart, 1979a.
- 1979b. See Urquhart, F. A. & N. R. Urquhart, 1979b.
- 1979c. See Urquhart, F. A. & N. R. Urquhart, 1979c.
- 1980a. See Urquhart, F. A. & N. R. Urquhart, 1980a.
- 1980b. See Urquhart, F. A. & N. R. Urquhart, 1980b.
- 1980c. See Urquhart, F. A. & N. R. Urquhart, 1980c.
1985. See Urquhart, F. A. & N. R. Urquhart, 1985.
- Urretabizkaya, Néstor, Araceli Vasicek and Esteban Daniel Saini**
2010. *Insectos perjudiciales de importancia agronómica. I. Lepidópteros*. Buenos Aires, Instituto Nacional de Tecnología Agropecuaria. 73 pp., figs. [general; host plants; Argentina]
- Urrutia, Iván E.**
1998. See Duarte, H. W. et al., 1998.
- Urriaga, Radamés**
1972. *Lista preliminar de plagas de la caña de azúcar en Venezuela*, pp. 86-134, 31 figs. In: *20° Aniversario de la Estación Experimental de Occidente*. Caracas, Ministerio de Agricultura y Cría. 152 pp., figs. (May) [general]
- Urueña, Diana**
- [2013]. See Muriel, S. B. et al., [2013]a.
- Urueta, Eduardo J.** [1943-2001]
- 1975a. Insectos asociados con el cultivo de palma africana en Urabá (Antioquia) y estudio de su relación con la pudrición de la flecha - pudrición del cogollo. *Revista colombiana de Entomología* 1(4): 15-31, 15 figs. (December) [*Brassolis sophorae* (Linnaeus); egg, larva, pupa, imago; Colombia]
- 1975b. *Plagas de los cultivos de badea, curuba, maracuyá, papayo y vid en el occidente antioqueño*. Medellín, Secretaría de Agricultura y Fomento. iv + 40 pp., 10 figs., 4 tabs. (April) [Heliconiinae; Colombia]
- Urzúa, Alejandro**
1983. See Eckhardt, G. et al., 1983.
2009. See Pinto, C. F. et al., 2009a.
- 2009b. See Pinto, C. F. et al., 2009b.
2011. See Pinto, C. F. et al., 2011.
2014. See Villagra, C. A. et al., 2014.
- Urzúa, Alejandro, Angel Olguín and Rocío Santander**
2013. Fate of ingested aristolactams from *Aristolochia chilensis* in *Battus polydamas archidamas* (Lepidoptera: Papilionidae). *Insects* (Basel) 4(4): 533-541, 3 figs., 3 tabs. (December; published online 11 October) [host plant; Chile]
- Urzúa, Alejandro, and Horacio Alfredo Priestap**
1985. Aristolochic acids from *Battus polydamas*. *Biochemical Systematics and Ecology* 13(2): 169-170 (23 May) [Argentina]
- Urzúa, Alejandro, Ronald Rodríguez and Bruce Kennedy Cassels**
1987. Fate of ingested aristolochic acids in *Battus archidamas*. *Biochemical Systematics and Ecology* 15(6): 687-689, 1 tab. [host plant; Chile]
- Urzúa, Alejandro, Guillermo Salgado, Bruce Kennedy Cassels and Gert Eckhardt**
1982. Aristolochic acids in *Aristolochia chilensis*. *Planta medica* 45: 51-52 [*Battus archidamas* (Boisduval); host plant; Chile]
1983. Aristolochic acids in *Aristolochia chilensis* and the *Aristolochia*-feeder *Battus archidamas* (Lepidoptera).

*Collection of czechoslovak chemical Communications*  
48(5): 1513-1519, 2 tabs. (May) [host plant; Chile]

**Useche, Diana Carolina**

2011. See Laurance, W. F. et al., 2011.

**Usinger, Robert Leslie** [1912-1968]

1966. See Linsley, E. G. & R. L. Usinger, 1966.

**Utrera, Elsa**

2015. See MacGregor, I. et al., 2015.

**Utteridge, Timothy M. A.**

2011. See Laurance, W. F. et al., 2011.

**Utturkar, Yogen**

2012. See Pris, A. D. et al., 2012.

**Uvalle, José I.**

2017. See Meléndez-Jaramillo, E. et al., 2017.



# V

- Vaca, Jarol Fernando**  
2004. See Hill, R. I. & J. F. Vaca, 2004.
- Väisänen, Rauno** [1956- ]  
1989. Khao Yai, Santa Rosa and other stories on tropical butterflies, moths and their conservation. [In Finnish]. *Baptria* 14(4): 73-80, 6 figs., 1 tab. [general]
- Valbon, Wilson Rodrigues**  
2015. See Holtz, A. M. et al., 2015.
- Valcurone, Marialuisa**  
1976. See Pavan, M. & M. Valcurone, 1976.
- Valderrama, Anayansi**  
2004. See Van Bael, S. A. et al., 2004.
- Valdés, Eduvigis**  
1977. See Alayo, P. F. & E. Valdés, 1977.
- Valdés, Francisco**  
1960. See Scaramuzza, L. C. & F. Valdés, 1960.
- Valdés, Luisa Marcela**  
2017. See Marín, M. A. et al., 2017a.
- Valdés, P.**  
2002. See Fernández, J. L. et al., 2002.
- Valdés-Ragués, Pedro** [1848-1930]  
1914. *Museo cubano Gundlach. Catálogo general*. La Habana, Instituto de Segunda Enseñanza de La Habana. 156 pp. [general]
- Valdez, Martha**  
2011. See Prado, B. R. et al., 2011
- Valdivia, Alejandra**  
2004. See Ledezma, M. J. & A. Valdivia, 2004.  
2006. See Molina-Montenegro, M. A. et al., 2006.  
[2017]. See Werding, L. et al., [2017].
- Valdivia, Carlos E., and Hermann M. Niemeyer**  
2006. Do floral syndromes predict specialisation in plant pollination systems? Assessment of diurnal and nocturnal pollination of *Escallonia myrtoidea*. *New Zealand Journal of Botany* 44(2): 135-141, 1 fig., 3 tabs. (June) [*Pseudolucia chilensis* (Blanchard), *Vanessa carye* (Hübner), *Tatochila mercedis* (Eschscholtz); Chile]  
2007. Noncorrelated evolution between herbivore- and pollinator-linked features in *Aristolochia chilensis* (Aristolochiaceae). *Biological Journal of the Linnean Society* 91(2): 239-245, 2 figs., 3 tabs. (June) [*Battus polydamas archidamas* (Boisduval); host plant; Chile]
- Valdivieso, Luis** [1945- ]  
1999. See Whu, M. & L. Valdivieso, 1999.
- Valdivieso, Luis, and Elizabeth Núñez**  
1984. Plagas del maíz y sus enemigos naturales. *Manual técnico. Instituto nacional de Investigación y Promoción agropecuaria* (Lima) 4: 1-68, 11 pls., 9 figs. (February) [Hesperiidae; Peru]
- Valencia, Camilo Andrés**  
2010. See Rubio, J. D. & C. A. Valencia, 2010.
- Valencia, Camilo Andrés, Zulma Nancy Gil and Luis Miguel Constantino**  
2005. *Mariposas diurnas de la zona central cafetera colombiana. Guía de campo*. Chinchiná, Cenicafé. 244 pp., figs. (26 May) [general; new subspecies: *Heterosais giulia caucaensis*]
- Valencia, Gorky** [1967- ]  
1989. See Velarde, E. et al., 1989.  
1999a. See Lamas, G. et al., 1999.  
[1999]b. See Alonso, A. & G. Valencia, [1999].  
2005a. See Ricalde, D. et al., 2005.  
2005b. *Las mariposas (Lepidoptera: Rhopalocera) del Valle del Cusco*, pp. 369-377, 3 figs. In: Galiano, W. & A. Tupayachi (Eds.), *Historia Natural del Valle del Cusco*. Cuzco, Sociedad Protectora de la Naturaleza Cusco [general; Peru]  
2005c. See Franco, J. F. et al., 2005.  
2018. See Kir'yanov, A. V. & G. Valencia, 2018.
- Valencia, Gorky, and Alfonso Alonso**  
[1999]. *Diurnal butterflies: Biodiversity assessment in the Lower Urubamba Region*, pp. 73-93, 4 tabs. In: Alonso, A. & F. Dallmeier (Eds.), *Biodiversity assessment and monitoring of the Lower Urubamba Region, Peru. Cashiriari-3 well site and the Camisea and Urubamba rivers*. Washington, D.C., Smithsonian Institution/MAB Biodiversity Program (SI/MAB Series 2) ("1998"; distributed in [1999]) (reprinted in SI/MAB Series 7, pp. 95-109; 2001) [general; Peru]
- Valencia, Nils Marciano** [1951- ], and **Irma Lucrecia Franke**  
1980. El Bosque de Zárate y su conservación. *Boletín de Lima* 7: 76-86, 8 figs., 2 maps (July) [general; Peru]
- Valencia, Wendy Andrea, Dino Tuberquia, Palbo Andrés Guzmán and Juliana Cardona**  
2017. Pollination of the cycad *Zamia incognita* A. Lindstr. & Idárraga by *Pharaxonotha* beetles in the Magdalena Medio Valley, Colombia: a mutualism dependent on a specific pollinator and its significance for conservation. *Arthropod-Plant Interactions* 11(5): 717-729, 6 figs., 1 tab. (October; published online 10 April) [*Eumaeus cf. godartii* (Boisduval); host plant]
- Valente, Vera Lúcia da Silva**  
1981. See Araújo, A. M. de & V. L. da S. Valente, 1981.  
2013. See Aymone, A. C. B. et al., 2013.  
2014. See Aymone, A. C. B. et al., 2014.
- Valente-Neto, Francisco**  
2017. See Roque, F. de O. et al., 2017.
- Valentin-Silva, Adriano, Mariana Aparecida Silva Godinho and Milene Faria Vieira**  
2016. Life history of *Adenostemma brasilianum* (Pers.) Cass. (Eupatorieae, Asteraceae): A psychophilous herbaceous species of the Brazilian Atlantic Forest understory. *Journal of the Torrey botanical Society* 143(1): 87-92, 2 figs. (January; published online 16 December 2015) [Ithomiinae; pollination]
- Valenzuela, Germán Oswaldo**  
1963. *Pronophyla* [sic] *thelebe* Doubleday & Hewitson (Satyridae, Lepidoptera) plaga de la caña guadua (*Guadua angustifolia* Kunth). *Agronomía* (Manizales) 1(2): 15-23, 5 pls., 2 tabs. (May) [larva, imago; morphology; parasitoid; Colombia]  
1970. *Recolección, montaje y clasificación de insectos*. Bogotá, Agricultura Tropical. 86 pp., 9 pls., 102 figs. [general; Colombia]
- Valera, Adriana**  
2005. See Rendón, E. et al., 2005.
- Valera, Neicy**  
2010. See Morales, J. et al., 2010.
- Valerio, Alejandro Alberto, and Scott Richard Shaw**  
2015. Thirteen new Costa Rican species belonging to the genus *Triraphis* Ruthe (Braconidae: Rogadinae) with

- their host records. *Zootaxa* 3904(4): 501-540, 114 figs., 1 tab. (8 January) [Lycaenidae, Riodinidae; parasitoids]
- Valiant, Sharon D.**  
1992. Questioning the caterpillar. *Natural History* (New York) 101(12): 46-59, figs. (December) [history; host plants; Surinam]
- Valladares, Graciela Rosa** [1954- ]  
2011. See Defagó, M. T. et al., 2011.
- Valladares, Graciela Rosa, Lucas Garbin, María Teresa Defagó, Cecilia Carpinella and Sara María Palacios**  
2003. Actividad antialimentaria e insecticida de un extracto de hojas senescentes de *Melia azederach* (Meliaceae). *Revista de la Sociedad entomológica argentina* 62(1/2): 53-615 figs., 2 tabs. (January-June) [*Colias lesbia* (Fabricius); Argentina]
- Valladares, Nelly**  
2013. See Luna, C. et al., 2013.
- Valle, Marco**  
1984. Il restauro della raccolta lepidotterologica dell'ing. Antonio Curò. *Rivista del Museo civico di Scienze naturali "E. Caffi"* 7: 3-202 (May) [general; Neotropics]
- Vallejo, Uver Andersy**  
2013. See Aristizábal, L. F. et al., 2013.
- Vellejo-Marín, Mario**  
2019. See Runemark, A. et al., 2019.
- Vallejos, M. E.**  
1964a. Sobre la ontogenia de *Opsiphanes inviriae* [sic] sub.sp. *amplificatus* Stich. *Anales del Instituto de Medicina regional* (Resistencia) 6(1/2): 139-142, 1 pl. ("1962/63", 19 June 1964) [egg, larva, pupa; Argentina]  
1964b. Notas sobre la ontogenia de *Ascia monuste automate* (Burm.). *Anales del Instituto de Medicina regional* (Resistencia) 6(1/2): 143-146, 1 pl. ("1962/63", 19 June 1964) [egg, larva, pupa; Argentina]
- Vallentin, Rupert** [1859-1934]  
1904. Notes on the Falkland Islands. *Memoirs of the Manchester literary and philosophical Society* 48(23): 1-48, pls. 1-3 (5 July) [*Argynnis siga* Hübner]  
1924. *Part IV. Zoology*, pp. 281-382. In: Boyson, V. F., *The Falkland Islands*. Oxford, Clarendon's Press. i-xii, 13-414, 24 pls. [with notes by E. B. Poulton] [*Brenthis (Boloria) cytheris* (Drury), *Pyrameis carye* Hübner; behavior]
- Vallin, Adrian**  
2009. See Kodandaramaiah, U. et al., 2009.
- Vallins, F. T.**  
1951. [A note]. *Proceedings and Transactions of the South London entomological and natural History Society* 1950-51: 46. [*Eumaeus*, *Thecla*; Central and South America]
- Valois, Hamleth, Pascual Joaquín Soriano and Juan Francisco Ornelas**  
2011. Asymmetrical legitimate pollination in distylous *Palicourea demissa* (Rubiaceae): the role of nectar production and pollinator visitation. *Journal of tropical Ecology* 27(4): 393-404, 6 figs., 2 tabs. (May) [*Heliconius clysonymus* Latreille; Venezuela]
- Valverde, Liliana**  
2004. Estructura del huevo de *Urbanus proteus* (L.) (Lepidoptera: Hesperidae). *Acta zoológica Lilloana* 48(1/2): 57-62, 6 figs. [host plant; Argentina]
- Van Alphen, Monique**  
2005. See Mollerman, F. et al., 2005.
- Van Andel, Tinde** [1967- ]  
2012. See Gernaat, H. B. P. E. et al., 2012.  
2016. See Gernaat, H. B. P. E. et al., 2016.  
2017. See Gernaat, H. B. P. E. et al., 2017.  
2019. See Gernaat, H. B. P. E. et al., 2019.
- Van Bael, Sunshine A.**  
2011. See Connahs, H. et al., 2011.
- Van Bael, Sunshine A., Annette Aiello, Anayansi Valderrama, Enrique Medianero, Mirna Samaniego and S. Joseph Wright**  
2004. General herbivore outbreak following an El Niño-related drought in a lowland Panamanian forest. *Journal of tropical Ecology* 20(6): 625-633, 3 figs., 4 tabs. (November) [general; host plants]
- Van Belleghem, Steven M.**  
2016. See Arias, C. F. et al., 2016.  
2019a. See Zhang, W. et al., 2019.  
2019b. See Edelman, N. B. et al., 2019.
- Van Belleghem, Steven M., Margarita Baquero, Riccardo Papa, Camilo Andrés Salazar, William Owen McMillan, Brian A. Counterman, Christopher David Jiggins and Simon H. Martin**  
2018b. Patterns of Z chromosome divergence among *Heliconius* species highlight the importance of historical demography. *Molecular Ecology* 27(19): 3852-3872, 9 figs. (October; published online 22 March) [general; Central and South America]
- Van Belleghem, Steven M., Riccardo Papa, Humberto Ortiz-Zuazaga, Frederik Hendrickx, Christopher David Jiggins, William Owen McMillan and Brian A. Counterman**  
2018a. patternize: An R package for quantifying colour pattern variation. *Methods in Ecology and Evolution* 9(2): 390-398, 6 figs. (February; published online 11 July 2017) [*Heliconius*]
- Van Belleghem, Steven M., Pasi Rastas, Alexie Papanicolaou, Simon H. Martin, Carlos Francisco Arias, Megan Ann Supple, Joseph J. Hanly, James Louis Borlase Mallet, James J. Lewis, Heather M. Hines, Mayté Ruiz, Camilo Andrés Salazar, Mauricio Linares, Gilson Rudinei Pires Moreira, Christopher David Jiggins, Brian A. Counterman, William Owen McMillan and Riccardo Papa**  
2017. Complex modular architecture around a simple toolkit of wing pattern genes. *Nature Ecology & Evolution* 1(3)(0052): 1-12, 6 figs. (March; published online 30 January) [*Heliconius*]
- Van Bemmelen, Johan Frans** [1859-1956]  
1913. On the phylogenetic significance of the wing-markings of Rhopalocera. *Transactions of the second international Congress of Entomology* (Oxford) 2: 355-379, pls. 32-35 (October) [*Dismorphia mimetica* Staudinger]  
1921. Das Farbenmuster der mimetischen Schmetterlinge. *Zoologischer Anzeiger* 52(10/11): 269-277 (19 April) [general]
- Van Dam, W., and Gerald Wilde**  
1977. Biology of the bean leafroller *Urbanus proteus* (Lepidoptera: Hesperidae [sic]). *Journal of the Kansas entomological Society* 50(1): 157-160, 3 tabs. (31 January) [egg, larva, pupa, imago; host plant; parasitoids; Mexico, Central and South America]
- Van den Berg, Michael A.**  
2002. See Wysoki, M. et al., 2002.
- Van den Bergh, Pieter Joannes** [1873-1930]  
1922. Indrukken van mijn reis naar Zuid Amerika. *Entomologische Berichten* 6(124): 49-59 (1 March) [general;

- behavior; ecology]
- Van den Berghe, Eric Pierre**  
 2014a. See Maes, J.-M. et al., 2014a.  
 2014b. See Maes, J.-M. et al., 2014b.  
 2016a. *Prepona dexamenus* Hopffer, 1874 (Lepidoptera: Nymphalidae) nuevo para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 97: 1-9, 6 figs. (January)  
 2016b. Riodinidae de la cuenca del Río Punta Gorda, con 12 reportes nuevos para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 101: 1-7, [1]-[3], 2-8, figs., 4 tabs. (January) [general]  
 2019. See Maes, J.-M. et al., 2019b.
- Van den Berghe, Eric Pierre, and Blas Hernández**  
 2016. *Memphis y Fountainea* (Lepidoptera: Charaxinae) de la vertiente atlántica con tres nuevos reportes para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 114: 1-22, figs., 1 tab. (December) [general]
- Van den Berghe, Eric Pierre, Blas Hernández, Moisés Elías Pérez and Antonio Orozco**  
 2016. *Baeotus beotus* (Doubleday, 1849) (Lepidoptera: Charaxinae [sic]) nuevo para la fauna de Nicaragua. *Revista nicaragüense de Entomología* 102: 1-9, 2 figs. (January)
- Van den Berghe, Eric Pierre, and Jean-Michel Maes**  
 1999. Mariposas de la Reserva Biológica El Arenal, Matagalpa, Nicaragua. *Revista nicaragüense de Entomología* 47: 1-10 (March) [general]
- Van den Berghe, Eric Pierre, Brent Murray, Mona Schweighofer and Jeremy Hale**  
 1995. Mariposas de la Laguna de Apoyo, Nicaragua. *Revista nicaragüense de Entomología* 34: 33-39 (December) [general]
- Vandenbosch, Robert**  
 2007. What do monarch population time series tell us about Eastern and Western population mixing? *Journal of the Lepidopterists' Society* 61(1): 28-31, 2 figs., 1 tab. (10 May) [*Danaus plexippus* (Linnaeus); Mexico]
- Van den Heuvel, Joke**  
 2016. See Gernaat, H. B. P. E. et al., 2016.  
 2017. See Gernaat, H. B. P. E. et al., 2017.  
 2019. See Gernaat, H. B. P. E. et al., 2019.
- Van der Hammen, Thomas**  
 1998. *Ecosistemas terrestres. Páramos*, pp. 10-37, 186-205, 4 figs., 7 tabs., 8 maps. In: Chaves, M. E. & N. Arango (Eds.), *Informe nacional sobre el estado de la biodiversidad. Colombia. 1997. Tomo I. Biodiversidad biológica*. Bogotá, Instituto Alexander von Humboldt [general; Colombia]
- Van der Heyden, Torsten**  
 2010. See Sambhu, H. & T. Van der Heyden, 2010.  
 2014. Dark larval colour morphs of *Danaus* species in Costa Rica – references to a local mimicry coomplex? (Lepidoptera: Nymphalidae, Danainae). *Nachrichten des entomologischen Vereins Apollo* (Neue Folge) 34(4): 211-212, 6 figs. (4 March) [*D. plexippus* (Linnaeus), *D. gilippus* (Cramer); host plants]
- Van der Heyden, Torsten, and D. Jiménez**  
 2013. Larval colour morphs of *Danaus plexippus* (Linnaeus, 1758) in Costa Rica (Lepidoptera: Nymphalidae, Danainae). *Shilap* 41(164): 565-568, 6 figs. (30 December) [host plant]
- Van der Hoeven, Jan** [1801-1868]  
 1828. *Handboek der Dierkunde of grondbeginsels der natuurlijke geschiedenis van het dierenrijk*. Rotterdam, Wed. J. Allart. 1(2): vi + viii + 173-446 + [2] + 4 + [2] pp. (15 December) [general]
1850. *Handbuch der Zoologie*. Leipzig, Leopold Voss. 1: xiv + 824 pp., 15 pls. [general]
- Vandermeer, John**  
 2003. See Perfecto, I. et al., 2003.
- Vanderplank, John**  
 2000. *Passion flowers*. Cambridge, The MIT Press. 224 pp., figs. [Ed. 3; Ed. 1, 1991; Ed. 2, 1996] [Heliconiinae; host plants]
- Van der Voort, Martha E.**  
 1984. See Lovejoy, T. E. et al., 1984.
- Van Dine, Delos Lewis** [1878-1962]  
 1913a. The insects affecting sugar cane in Porto Rico. *Journal of economic Entomology* 6(2): 251-257 (22 April) [*Prenes nero* (Fabricius)]  
 1913b. Insects injurious to sugar cane in Porto Rico, and their natural enemies. *Journal of the Board of Agriculture of British Guiana* 6(4): 199-203 (April) [*Prenes nero* (Fabricius)]  
 1926. The insects affecting sugar cane in Cuba. *Bulletin. Tropical Plant Research Foundation* 3: 1-16. [Hesperiidae; disease]
- Van Dine, Delos Lewis, and LeRoy Dean Christenson**  
 1932. A revised list of the insects affecting sugar-cane in Cuba. *Proceedings of the Congress of the international Society of Sugar Cane Technologists* 4(Bulletin 116): 1-3. [*Perichares coridon* (Fabricius)]
- Van Dinther, Joannes Bernardus Marie** [1923- ]  
 1955. De Cocosbladruys *Brassolis sophorae* L. en zijn Bestrijding. The coconut pest *Brassolis sophorae* L. and its control. *De Surinaamse Landbouw* 3(3): 209-216, 1 fig. (May-June) [host plants; egg, larva, pupa, imago; behavior; parasitoids and predators; Surinam]  
 1956a. Insects of the coconut palm in Suriname. *Bulletin. Landbouwproefstation in Suriname* 69: 1-27, 9 figs. (May) [Brassolidae; eggs, larvae, pupae, imagines; host plants; behavior; parasitoids and predators]  
 1956b. Caterpillars injurious to *Brassica* species in Suriname. *Entomologische Berichten* 16(10): 201-206, 4 figs. (1 October) [also in *Bulletin. Landbouwproefstation in Suriname* 71; October] [*Ascia monuste monuste* (Linnaeus); larva, pupa, imago; behavior]  
 1957. *Papilio anchisiades anchisiades* Esper, a Citrus pest of minor importance. *Entomologische Berichten* 17(10): 213- 216, 1 fig. (1 October) [egg, larva, pupa, imago; behavior; Surinam]  
 1958. Insects of the coconut palm in Surinam, *Proceedings of the Tenth international Congress of Entomology* (Montreal) 3: 421 (December) [*Brassolis sophorae* (Linnaeus), *Caligo oedipus fruhstorferi* Stichel, *Opsiphanes quiteria* (Cramer); host plant; parasitoids]  
 1960. Insect pests of cultivated plants in Surinam. *Bulletin. Landbouwproefstation in Suriname* 76: 1-159, figs. (February) [general; host plants; life histories; behavior; distribution; parasitoids and predators]
- Van Dort, John**  
 2019. First records for fifteen species of Lepidoptera for Honduras. *Ceiba* 841: 1-7, 3 figs. (10 January) [general]
- Van Duzee, Edward Payson** [1861-1940]  
 1933. The Templeton Crocker Expedition of the California Academy of Sciences, 1922. No. 12. The diurnal Lepidoptera of the Expedition. *Proceedings of the California Academy of Sciences* (4)21(12): 139-145

- (21 December) [general; new subspecies: *Thecla melinus clarionensis* Heid; Galapagos Islands, Mexico, Nicaragua, Costa Rica]
- Van Eecke, Rudolph** [1886-1975]
1912. On the differences between the female of *Brassolis sophorae sophorae* (L.) and that of *sophorae lurida* (Stich.). *Notes of the Leyden Museum* 34: 257-258, 2 figs. [Surinam]
1916. Geluidmakende Vlinders. *Entomologische Berichten* 4(88): 260-261 (1 March) [*Ageronia* spp.; morphology]
- Vanetti, Frederico** [1910-1969]
1947. Ligeira orientação sobre o combate químico às pragas das culturas. *Ceres* (Viçosa) 7(40): 210-234, 7 figs., 3 tabs. (December) [*Ascia monuste* (Linnaeus); Brazil]
- Vane-Wright, Richard Irwin** [1942- ]
- 1972a. Pre-courtship activity and a new scent organ in butterflies. *Nature* (London) 239(5371): 338-340, 2 figs. (6 October) [general; morphology; mimicry]
- 1972b. Scent organs of male butterflies. *Report of the british Museum (Natural History)* 1969/71: 31-35, 4 pls. [general]
1974. Eugene Le Moult's *Prepona* types (Lepidoptera: Nymphalidae, Charaxinae). *Bulletin of the Allyn Museum* 21: 1-10 (21 October) [general]
- 1975a. The butterflies named by J. F. Gmelin (Lepidoptera: Rhopalocera). *Bulletin of the british Museum (Natural History) (Entomology)* 32(2): 17-64, 6 pls. (11 April) [general; Neotropics]
- 1975b. An integrated classification for polymorphism and sexual dimorphism in butterflies. *Journal of Zoology* 177(3): 329-337, 1 fig. (4 November) [general; Ecuador, Colombia]
1976. A unified classification of mimetic resemblances. *Biological Journal of the Linnean Society* 8(1): 25-56, 11 figs. ([14] April) [general]
1977. Research on butterflies at the British Museum (Natural History). *Nota lepidopterologica* 1(1): 43-45 (1 November) [general]
1978. *Ecological and behavioural origins of diversity in butterflies*, pp. 56-70, 2 pls., 8 figs., 2 tabs. In: Mound, L. A. & N. Waloff (Eds.), *Diversity of Insect Faunas*. Oxford, Blackwell Scientific Publications. (*Symposia of the Royal Entomological Society of London*, 9) [general]
1979. The coloration, identification and phylogeny of *Nessaea* butterflies (Lepidoptera: Nymphalidae). *Bulletin of the british Museum (Natural History) (Entomology)* 38(2): 27-56, 33 figs., 1 tab. (22 February) [general]
- 1980a. On the definition of mimicry. *Biological Journal of the Linnean Society* 13(1): 1-6 ([18] January) [general]
- 1980b. A classification of sexual interactions, and the evolution of species-specific coloration in butterflies. *Nota lepidopterologica* 3(1/2): 91-93 (1 June) [general]
- 1981a. A note on the type-species of *Nessaea* and its possible hostplant (Nymphalidae). *Systematic Entomology* 6(1): 119 (January) [Surinam]
- 1981b. *Mimicry and its unknown ecological consequences*, pp. 157-168, 1 pl., 9 figs. In: Greenwood, P. H. & P. L. Forey (Eds.), *Chance, change and challenge. Volume 2. The evolving biosphere*. London, British Museum (Natural History). [general]
1983. The rediscovery and significance of *Nessaea aglaura* 'ab. *margaretha*,' with hostplant records for the species (Lep., Nymphalidae). *Entomologist's monthly Magazine* 119(1432/ 1435): 211-214, 6 figs. (28 November) [Costa Rica, Panama, Colombia]
- 1984a. See Ackery, P. R. & R. I. Vane-Wright, 1984.
- 1984b. *The role of pseudosexual selection in the evolution of butterfly colour patterns*, pp. 251-253. In: Vane-Wright, R. I. & P. R. Ackery (Eds.), *The Biology of Butterflies*. London, Academic Press. [general]
- 1985a. See DeVries, P. J. et al., 1985.
- 1985b. See Ackery, P. R. & R. I. Vane-Wright, 1985.
- 1986a. Threatened swallowtail butterflies of the world: The IUCN Red Data Book. By N. M. Collins & M. G. Morris. *Antenna* 10(1): 41-42 (January) [general; book review]
- 1986b. White monarchs. *Antenna* 10(3): 117-118 (July) [*Danaus plexippus* (Linnaeus); migration; behavior; evolution; Neotropics]
1987. White monarchs. *Antenna* 11(1): 3 (January) [*Danaus plexippus* (Linnaeus); migration; Neotropics]
1989. See Boppré, M. H. & R. I. Vane-Wright, 1989.
- 1991a. A case of self-deception. *Nature* (London) 350(6318): 460-461 (11 April) [general; mimicry]
- 1991b. A portrait of Clarence Buckley, zoologist. Collector of South American butterflies, mammals and birds, 1868-1878. *The Linnean* 7(3): 30-33, portr. (August) [general; Colombia, Ecuador, Bolivia]
- 1993a. See Kitching, I. J. et al., 1993.
- 1993b. The Columbus hypothesis: An explanation for the dramatic 19th century range expansion of the Monarch butterfly. *Science Series. Natural History Museum of Los Angeles County* 38: 179-187, 2 figs. (18 February) [*Danaus plexippus* (Linnaeus); biogeography; ecology]
- 1996a. See Jong, R. de et al., 1996.
- 1996b. Bibliography of Butterflies. An annotated bibliography of the Neotropical butterflies and skippers (Lepidoptera: Papilionoidea and Hesperioidea). G. Lamas, R. G. Robbins and W. D. Field. 1995. *Antenna* 20(3): 132-133 (July) [book review]
1997. Florida white monarchs - a touch of incest? *News of the Lepidopterists' Society* 39(4): 72, 88, 1 fig. [*Danaus plexippus* (Linnaeus); Mexico]
- 1998a. See Schulz, S. et al., 1998.
- 1998b. See Ackery, P. R. et al., 1998.
2000. Butterflies, minds and mimics - is all art fake? *Janus* (Antwerp) 4: 39-43, figs. [general]
- 2003a. *Butterflies*. London, The Natural History Museum. 112 pp., figs. [general]
- 2003b. *Evidence and identity in butterfly systematics*, pp. 477-513, 1 fig., 1 tab. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [general]
- 2004a. Butterflies at that awkward age. *Nature* (London) 428(6982): 477-480, 2 figs. (1 April) [*Volinia damba* Hall, Robbins & Harvey; paleontology; Dominican Republic]
- 2004b. See Zakharov, E. V. et al., 2004b.
2005. Winged nymphs and Rafinesque's tomb. *The Linnean* 21(4): 25-28, 3 figs. (October) [Nymphalidae]
- 2007a. Linnaeus' butterflies. *The Linnean, Special Issue* 7: 59-74, figs., 1 tab. [general; history]
- 2007b. See Brower, L. P. et al., 2007.
- 2007c. See Fink, L. S. & R. I. Vane-Wright, 2007.
2008. See Smith, C. R. & R. I. Vane-Wright, 2008.
- 2009a. *Lives of meaning: Organismal intelligence and the origin of design in nature*, pp. 23-49. In: Quenby, J. & J. M. Smith (Eds.), *Intelligent Faith*. Ropley, O Books (25 September) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- 2009b. See Larsen, T. B. et al., 2009.
- 2010a. William Jones of Chelsea (1745-1818), and the need

- for a digital, online 'Icones'. *Antenna* 34(1): 16-21, figs. [taxonomy; history]
- 2010b. See Brower, A. V. Z. et al., 2010.
- 2010c. *Papilio enceladus* Linnaeus, 1768. *The Linnean* 26(3): 12-18, 2 figs. (October) [*P. obrinus* Linnaeus, *P. cassiae* Linnaeus, *P. sophorae* Linnaeus, *P. xanthus* Linnaeus; Guianas]
- 2011a. See Simonsen, T. J. et al., 2011.
- 2011b. See Brower, A. V. Z. & R. I. Vane-Wright, 2011.
- 2012a. See Boppré, M. H. & R. I. Vane-Wright, 2012.
- 2012b. 'Speak memory' – a world of entomological recollection. Butterflies & other insects. My enduring impressions. By Phillip R. Ackery. 2012. *Antenna* 36(4): 261-262, 1 fig. [general; book review]
2015. Thoughts on the Biology of Butterflies – Turku 2014. *Antenna* 39(1): 20-28, figs. [general]
- 2019a. Agency, meaning, perception and mimicry: Perspectives from the Process of Life and Third Way of Evolution. *Biosemiotics* 12(1): 57-77 (April; published online 29 November 2018) [general]
- 2019b. See Boppré, M. H. & R. I. Vane-Wright, 2019.
- Vane-Wright, Richard Irwin, Philip Ronald Ackery and Robert Leslie Smiles**
1975. The distribution, polymorphism and mimicry of *Heliconius telesiphe* (Doubleday) and the species of *Podotricha* Michener (Lepidoptera: Heliconiinae). *Transactions of the royal entomological Society of London* 126(4): 611-636, 1 pl., 6 figs. (25 March) [general; South America]
1977. The polymorphism, mimicry, and host plant relationships of *Hypolimnias* butterflies. *Biological Journal of the Linnean Society* 9(3): 285-297, 3 tabs. ("September", [14 November]) [general]
- Vane-Wright, Richard Irwin, Phillip Ronald Ackery and Thomas W. Turner**
1993. *Anetia jaegeri*, *Danaus cleophile* and *Lycorea cleobaea* from Jamaica (Nymphalidae: Danainae). *Journal of the Lepidopterists' Society* 46(4): 273-279, 2 figs. (19 January)
- Vane-Wright, Richard Irwin, and Michael Hans Boppré**
1993. Visual and chemical signalling in butterflies: Functional and phylogenetic perspectives. *Philosophical Transactions of the royal Society of London (B)* 340(1292): 197-205, 2 pls., 1 fig. (29 May) [general]
2005. Adult morphology and the higher classification of *Bia Hübner* (Lepidoptera: Nymphalidae). *Bonner zoologische Beiträge* 53(1/2): 235-254, 74 figs. (June) [systematics]
- Vane-Wright, Richard Irwin, Blanca Cecilia Huertas and James Fage**
2017. The Brighton Monarch 2015 – born free or escapee? *Entomologist's Gazette* 68(2): 73-84, 2 figs., 2 tabs. (28 April) [*Danaus plexippus nigrippus* (Haensch); Neotropics]
- Vane-Wright, Richard Irwin, and Harold W. D. Hughes**
2004. The first images of Homer's swallowtail (Lepidoptera: Papilionidae). *The Linnean* 20(4): 31-41, 4 figs. (October) [*Papilio homerus* Fabricius; Jamaica]
2005. *The Seymer legacy. Henry Seymer and Henry Seymer Jnr of Dorset and their entomological paintings with a catalogue of Butterflies and Plants (1755-1783)*. Cardigan, Forrest Text. [x] + 320 pp., 76 pls., figs., 3 tabs., 1 map (October) [general; history]
2007. Did a member of the *Vanessa indica* complex (Nymphalidae) formerly occur in North America? *Journal of the Lepidopterists' Society* 61(4): 199-212, 1 fig. (14 December) [*Vanessa atalanta rubria* (Fruhstorfer); Mexico, Guatemala, Antilles]
- Vane-Wright, Richard Irwin, Christopher John Humphries and Paul Hugh Williams**
1991. What to protect? - Systematics and the agony of choice. *Biological Conservation* 55: 235-254, 8 figs., 1 tab. [general; Danainae]
- Van Gorkum, Nicolas**
1913. *Cylo leda* L., lagarta que se nutre com as folhas da canna. *Boletim da Estação experimental de Canna de Assucar* (Escada, Pernambuco) 1(2): 127-130, 1 pl. (July- September) [Brazil]
1914. Lagarta que se nutre com as folhas de canna (*Cylo leda* L.). *Boletim do Ministerio da Agricultura, Industria e Commercio* (Rio de Janeiro) 3(3): 87-89, 1 pl. (May-July) [larva, pupa, imago; Brazil]
1917. Sobre a lagarta de *Brassolis astyra*, que se nutre com as folhas das palmeiras, das bananeiras e da canna de assucar. *Boletim do Ministerio da Agricultura, Industria e Commercio* (Rio de Janeiro) 5(3): 99-100, 1 pl. [life history; Brazil]
- Van Gyseghem, Roland**
1992. See Settele, J. & R. Van Gyseghem, 1992.
- Van Hooijdonk, Eloise, Carlos Barthou, Jean-Pol Vigneron and Serge Berthier**
2011. Detailed experimental analysis of the structural fluorescence in the butterfly *Morpho sulkowskyi* (Nymphalidae). *Journal of Nanophotonics* 5(053525): 1-13, 9 figs. (published online 14 November) [morphology]
- Van Hook, Tonya**
1989. See Calvert, W. H. et al., 1989.
1993. Non-random mating in Monarch butterflies overwintering in Mexico. *Science Series. Natural History Museum of Los Angeles County* 38: 49-60, 7 tabs. (18 February) [*Danaus plexippus* (Linnaeus)]
1995. See Brower, L. P. et al., 1995.
1999. *The use of bursa copulatrix dissection and abdominal palpation to assess female monarch butterfly mating status*, pp. 101-111, 1 fig., 1 tab. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [*Danaus plexippus* (Linnaeus); conservation; Mexico]
2008. See Brindza, L. J. et al., 2008.
2009. See Brower, L. P. et al., 2009.
- Vanin, Sérgio Antônio**
2014. See Ramos, C. S. et al., 2014.
- Vanin, Sérgio Antônio, Clécio Souza Ramos, Elsie Franklin Guimarães and Massuo Jorge Kato**
2008. Insect feeding preferences on Piperaceae species observed in São Paulo city, Brazil. *Revista brasileira de Entomologia* 52(1): 72-77, 1 fig., 2 tabs. (31 March) [*Quadrus u-lucida* (Plötz), *Heracles hectorides* (Esper), *H. brasiliensis* (Rothschild & Jordan); host plants]
- Vanini, Fábio**
2002. See Freitas, A. V. L. et al., 2002a.
- Vanini, Fábio, Vinicius Bonato and André Victor Lucci Freitas**
2000. Polyphenism and population biology of *Eurema elathea* (Pieridae) in a disturbed environment in tropical Brazil. *Journal of the Lepidopterists' Society* 53(4): 159-168, 11 figs., 4 tabs. (22 June)
- Van Itterbeek, Joost**

2013. See Huis, A. van et al., 2013.
- Vanjari, Sohini**  
2015. See Merrill, R. M. et al., 2015.  
2017a. See Mann, F. et al., 2017.  
2017b. See Darragh, K. et al., 2017.
- VanKuren, Nicholas W.**  
2018. See Westerman, E. L. et al., 2018.
- Vannucci, Nancy**  
2008. See Mattoni, R. H. T. & N. Vannucci, 2008.
- Van Schoonhoven, Aart** [1941- ], and **César Cardona**  
1980. *Insectos y otras plagas del frijol en América Latina*, pp. 363-412, figs., 4 tabs. In: Schwartz, H. F. & G. E. Gálvez (Eds.), *Problemas de producción de frijol*. Cali, Centro Internacional de Agricultura Tropical (CIAT). [also a simultaneous English ed.] [*Urbanus proteus* (Linnaeus); host plants; Colombia]
- Van Schooten, Bas**  
2011. See Merrill, R. M. et al., 2011a.  
2019. See Zhang, W. et al., 2019.
- Van Schooten, Bas, Filipa Godoy-Vitorino, William Owen McMillan and Riccardo Papa**  
2018. Conserved microbiota among young *Heliconius* butterfly species. *PeerJ* 6(e5502): 1-18, 4 figs., 1 tab. (published online 2 October) [general; Panama]
- Van Schooten, Bas, Christopher David Jiggins, Adriana Danielle Briscoe and Riccardo Papa**  
2016. Genome-wide analysis of ionotropic receptors provides insight into their evolution in *Heliconius* butterflies. *BMC Genomics* 17(254): 1-15, 6 figs., 4 tabs. (published online 22 March) [general; Neotropics]
- Van Swaay, Chris, Eugenie C. Regan, Matthew Ling, Emilija Bozhinovska, Miguell Fernández, Orlando João Marini-Filho, Blanca Cecilia Huertas, Chooi-Khim Phon, Ádám Körösi, Jan C. Meerman, Guy Pe'er, Marcio Uehara Prado, Szabolcs Sáfíán, Legi Sam, John Allen Shuey, Douglas J. Taron, Reinier Terblanche and Les G. Underhill**  
2015. Guidelines for standardised global butterfly monitoring. *Geo Bon technical Series* 1: [1-3], i-iii, 1-25, figs., 1 tab. [general]
- Vantomme, Paul**  
2013. See Huis, A. van et al., 2013.
- Van Veen, S.**  
1989. Male or female? *News of the Lepidopterists' Society* 1989(1): 4, 1 fig. (January-February) [*Heliconius melpomene* (Linnaeus)]
- Van Velzen, Henk P.**  
1992. Prioridades para la conservación de la biodiversidad en los Andes colombianos. *Novedades colombianas* (2)4: 1-47, 5 figs., 6 tabs. (September) [general]
- Van Vollenhoven, Samuel Constant Snellen** [1816-1880]  
1860. Description d'une nouvelle espèce de lépidoptère du genre *Papilio*, suivie d'une énumération des espèces de ce genre, qui se trouvent au Musée Royal des Pays-Bas à Leide. *Tijdschrift voor Entomologie* 3(1/4): 67-89, pl. 6 ([before 4 August]) [general; Mexico, West Indies, South America]  
1861. Description de quelques espèces nouvelles de lépidoptères. *Tijdschrift voor Entomologie* 4(5/6): 157-163, pls. 8-10 ([after 24 August]) [*Charaxes rayi*]  
1865. *Essai d'une faune entomologique de l'Archipel Indo-Néerlandais. Seconde Monographie: Famille des Piérides*. La Haye, Martinus Nijhoff. [iv] + 70 + [6] pp., 7 pls. ([before 12 October]) [new species: *Terias impura*]
- Van Winkle, A. S.**  
1893. A black male of *Papilio turnus*. *Canadian Entomologist* 25(8): 212 (2 August) [*Papilio oebalus* Boisduval; Mexico]
- Varanda, Elenice Mouro**  
2008. See Ambrósio, S. R. et al., 2008.  
2011. See Fragoso, F. P. & E. M. Varanda, 2011.
- Varassin, Isabela Galarda**  
2011. See Scrok, G. J. & I. G. Varassin, 2011.  
2012. See Danieli-Silva, A. et al., 2012.  
2017. See Souza, J. M. T. de et al., 2017.
- Varassin, Isabela Galarda, and Marlies Sazima**  
2000. Recursos de Bromeliaceae utilizados por beija-flores e borboletas em mata atlântica no sudeste do Brasil. *Boletim do Museu de Biologia Mello Leitão* (N.S.) 11/12: 57-70, 6 figs., 3 tabs. (December) [*Heliconius erato phyllis* (Fabricius), *H. ethilla narcaea* Godart, *H. nattereri* C. Felder & R. Felder, *H. numata ethra* (Hübner), *H. sara apseudes* (Hübner); behavior]  
2012. Spatial heterogeneity and the distribution of bromeliad pollinators in the Atlantic Forest. *Acta oecologica* 43: 104-112, 2 figs., 3 tabs. (August) [general; Brazil]
- Varea, Antonio** [?-1975]  
1975. Dos subespecies y una forma nuevas de papilionidos de América del Sur (Lep. Papilionidae). *Shilap* 3(9): 28-32, 10 figs. (10 April) [*Battus (Parides) neophilus napoensis*, *Graphium trapeza huanucana*, *Papilio hyppason* form *modestior*; Ecuador, Peru]
- Varea, Marco Tulio** [1875-1942]  
1942. Ligera revista de los animales y vegetales de la provincia de Cotopaxi. *Boletín del Instituto botánico* (Quito) 1(2): 12-72 (June) [general; Ecuador]
- Varejão, Eduardo Vinicius Vieira**  
2017. See Mairink, S. Z. et al., 2017.
- Varela, Carlos Wolfgang** [1975- ]  
2011. Diversidad de mecanismos de polinización entomofílica en dos comunidades de sabanas de la Guayana venezolana. *Faraute de Ciencias y Tecnología* 5(2): 7-22, 2 figs., 3 tabs. ("2010"; after 8 June 2011) [general]
- Varela, Franklin**  
2012. See Guerra, J. F. et al., 2012.
- Varela, Gregorio, and Falguni Guharay**  
1992. Efectividad de cuatro insecticidas en el control de larvas de *Plutella xylostella* (L.) y *Leptophobia aripa* (Boisduval [sic]) en el cultivo del repollo (*Brassica oleracea* var. Superette). *Ceiba* 33(2): 481-495, 3 figs., 3 tabs. (December) [host plant; Nicaragua]
- Varela, Ramón**  
1984. Los colores estructurales en escamas de lepidópteros. *Natura* (Caracas) 75: 12-16, 9 figs. (March) [general; Venezuela]
- Varela-Freire, Adalberto Antonio** [ -2012], **Herbet Tadeu de Almeida Andrade, Miguel Rocha Neto, Lindenbergh Veiga Navarro da Costa and M. F. de Oliveira**  
1995. Levantamento entomofaunístico da Estação Ecológica do Seridó, Serra Negra do Norte, RN. *Revista de Biociências* (Natal) 1(1): 35-48, 4 figs., 1 tab. (May) [general; Brazil]
- Varey, Anna**  
1989. See Bond, R. et al., 1989.
- Varga, Andrés Eugenio**  
1997a. Criando mariposas. *Mariposas del Mundo* (Buenos Aires) 2: 10-22, 13 figs. (March) [general; host plants; Argentina]  
1997b. See Díaz, N. B. & A. E. Varga, 1997.

2000. *Mariposas argentinas. Guía práctica e ilustrada para la identificación de las principales mariposas diurnas y nocturnas de la Provincia de Buenos Aires. Métodos y técnicas para la cría, colección y preservación de mariposas.* [San Miguel], Museo Mariposas del Mundo. 148 pp., figs. [general; Argentina]
- Vargas, Bety Nallely**  
2012. See Corona, M. de los Á. et al., 2012.
- Vargas, Carlos L.**  
1983. See Saunders, J. L. et al., 1983.  
1995. See Coto, D. et al., 1995.
- Vargas, Daniela**  
2005. See Pérez, V. et al., 2005.
- Vargas, Erick**  
2011. *Guía para la identificación y manejo integrado de plagas en piña.* [San José], Fundación Proagroin. 30 pp., 26 figs. (March) [*Strymon basilides* (Geyer); host plant; Costa Rica]
- Vargas, Héctor Andrés**  
1967. Plagas y enfermedades de los cultivos de Azapa. *Revista de la Universidad del Norte* (Arica) 2: 43-64. [*Eudamus proteus* (Linnaeus), *Hylephila* sp., *Leptotes trigemmatum* (Butler); host plants; Chile]  
1993. See Bobadilla, D. et al., 1993.  
2012a. See Massardo, D. et al., 2012.  
2012b. First host plant record for *Teriocolias zelia andina* Forbes (Lepidoptera: Pieridae) and evidence for local specialization. *Neotropical Entomology* 41(6): 524-525 (December; published online 17 August) [behavior]  
2013a. Use of a native and an exotic Malvaceae by the little known skipper *Pyrgus bocchoris trisignatus* (Mabille) (Hesperiidae) in northern Chile. *Journal of the Lepidopterists' Society* 67(3): 225-226 (29 August) [host plants]  
2013b. First record of *Vanessa braziliensis* (Moore) (Lepidoptera: Nymphalidae) in Chile. *Gayana* 77(2): 171-173, 2 figs.  
2014. Lycaenid caterpillars (Lepidoptera, Lycaenidae) eating flowers of *Dalea pennellii* var. *chilensis* (Fabaceae) in the northern Chilean Andes. *Revista brasileira de Entomologia* 58(3): 309-312, 3 figs., 1 tab. (30 September) [*Hemiargus ramon* (Dognin), *Leptotes trigemmatum* (Butler), *Nabokovia faga* (Dognin); host plant]  
2016a. Immature stages of *Teriocolias zelia andina* Forbes (Pieridae: Coliadinae). *Journal of the Lepidopterists' Society* 70(3): 205-210, 13 figs., 1 tab. (30 August) [egg, larva, pupa, imago; host plant; Chile]  
2016b. See Ramírez-Fischer, F. J. et al., 2016.  
2018. See Vargas-Ortiz, M. et al., 2018.
- Vargas, Héctor Andrés, Kim Ribeiro Barão, Darli Massardo and Gilson Rudinei Pires Moreira**  
2014. External morphology of the immature stages of Neotropical heliconians: IX. *Dione glycera* (C. Felder & R. Felder) (Lepidoptera, Nymphalidae, Heliconiinae). *Revista brasileira de Entomologia* 58(2): 129-141, 65 figs., 1 tab. (30 June) [egg, larva, pupa; host plants; Chile]
- Vargas, Héctor Andrés, and Hugo Alejandro Benítez**  
2013. Egg phenology of a host-specialist butterfly in the western slopes of the northern Chilean Andes. *Neotropical Entomology* 42(6): 595-599, 2 figs., 2 tabs. (December; published online 4 October) [*Teriocolias zelia andina* Forbes; host plant]
- Vargas, Héctor Andrés, and Dante Bobadilla**  
2002. *Insectos asociados al bosque de tamarugo*, pp. 283-318, 17 figs., 1 tab. In: Baldini, A. & L. Pancel (Eds.), *Agentes de daño en el bosque nativo*. Santiago de Chile, Editorial Universitaria. (January) [*Leptotes trigemmatum* (Butler); egg, larva, pupa; host plants; behavior; Chile]
- Vargas, Héctor Andrés, José Alfredo Cerdeña and Gerardo Lamas**  
2015. *Zerene cesonia limonella* Lamas (Pieridae): first distribution record in Chile and first host plant record. *Journal of the Lepidopterists' Society* 69(4): 326-327, 2 figs. (24 November) [Ecuador, Peru]
- Vargas, Héctor Andrés, and Marcelo Duarte**  
2014. First host plant record for *Thaëides muela* (Lepidoptera, Lycaenidae: Theclinae: Eumaeni). *Florida Entomologist* 97(1): 288-290 (March) [Chile]  
2016. First host plant record for *Strymon davara* (Hewitson) (Lepidoptera, Lycaenidae) in the highly human-modified coastal valleys of the Atacama desert. *Revista brasileira de Entomologia* 60(4): 352-355, 10 figs. (December; published online 12 July) [egg, larva; behavior; Chile]
- Vargas, Héctor Andrés, and Gerardo Lamas**  
2011. First record of *Phoebis argante chincha* Lamas (Lepidoptera, Pieridae) in Chile. *Revista brasileira de Entomologia* 55(3): 445-446 (30 September; published online 9 September) [host plant]
- Vargas, Héctor Andrés, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**  
2006. *Calpodus ethlius* (Stoll, 1782) (Lepidoptera: Hesperidae): Primer registro de distribución para el extremo norte de Chile. *Idesia* 24(3): 69-70, 1 fig. (September-December) [host plant]
- Vargas, Héctor Andrés, and Luis Eduardo Parra**  
2009. Prospección de lepidópteros antófagos asociados a *Acacia macracantha* Willd. (Fabaceae) en el norte de Chile. *Revista brasileira de Entomologia* 53(2): 291-293, 1 fig., 1 tab. (30 June) [*Hemiargus ramon* (Dognin), *Leptotes trigemmatum* (Butler), *Ministrymon azia* (Hewitson); host plant]
- Vargas, Héctor Andrés, Marcelo Vargas-Ortiz, Dante Bobadilla, Marcelo Duarte and Wilson Huanca-Mamani**  
2016. Larval polychromatism in the Neotropical hairstreak *Strymon bubastus* (Stoll) (Lycaenidae, Theclinae, Eumaeni) associated with two newly documented host plants in the Atacama desert. *Journal of the Lepidopterists' Society* 70(2): 153-158, 7 figs. (16 June) [Chile]
- Vargas, Hugo Hernando**  
2011. See Duque, P. et al., 2011.
- Vargas, Isabel**  
1990. See Llorente, J. E. et al., 1990.  
1991. See Luis, M. A. et al., 1991.  
1992. See Luis, M. A. et al., 1992.  
1993a. See Llorente, J. E. et al., 1993.  
1993b. See Peterson, A. T. et al., 1993.  
1996a. See Luis, M. A. et al., 1996.  
1996b. See Warren, A. D. et al., 1996.  
1996c. See Luis, M. A. et al., 1996.  
1996d. See Llorente, J. E. et al., 1996.  
1996e. See Llorente, J. E. et al., 1996.  
1996f. See Llorente, J. E. et al., 1996.  
1997a. Zone 12 Mexico, pp. 72-74. In: 1996 Season Summary. *News of the Lepidopterists' Society* 39(2): 1-76 (1 May) [general]  
1997b. See Llorente, J. E. et al., 1997.

- 1998a. Zone 12. Mexico & the Caribbean Islands, pp. 57-62. *In: 1997 Season Summary. News of the Lepidopterists' Society* 40(2): 1-62 (1 April) [St. Croix]
- 1998b. See Warren, D. et al., 1998.
1999. Zone 12 Mexico. Mexico & the Caribbean Islands, pp. 73-78. *In: 1998 Season Summary. News of the Lepidopterists' Society* 41(S1): 1-78 (1 April) [general]
- 2000a. Zone 11 Mexico. Mexico & the Caribbean Islands, pp. 75-78. *In: 1999 Season Summary. News of the Lepidopterists' Society* 42(S1): 1-80 (1 April) [general; Bahamas, Barbados, St. Lucia, St. Johns]
- 2000b. See Luis, M. A., J. E. Llorente et al., 2000.
- 2000c. See Luis, M. A., I. Vargas et al., 2000.
- 2001a. Zone 11. Mexico & the Caribbean Islands, pp. 65-72. *In: 2000 Season Summary. News of the Lepidopterists' Society* 43 (S1): 1-72 (1 April) [general; St. Croix]
- 2001b. See Monteagudo, D. et al., 2001.
- 2001c. See Díaz-Batres, M. E. E. et al., 2001.
2002. Zone 11 Mexico. Mexico & the Caribbean Islands, pp. 64-74. *In: 2001 Season Summary. News of the Lepidopterists' Society* 44(S1): 1-76 (15 April) [general]
- 2003a. Zone 11. Mexico & the Caribbean Islands, pp. 71-74. *In: 2002 Season Summary. News of the Lepidopterists' Society* 45(S1): 1-74 (15 April) [general; St. Thomas]
- 2003b. See Luis, M. A. et al., 2003a.
- 2003c. See Luis, M. A. et al., 2003b.
- 2004a. Zone 11 Mexico, pp. 78-86. *In: 2003 Season Summary. News of the Lepidopterists' Society* 46(S1): 1-88 (1 April) [general]
- 2004b. See Llorente, J. E. et al., 2004.
- 2004c. See Luis, M. A. et al., 2004.
- 2005a. Zone 11 Mexico. Mexico & the Caribbean Islands, pp. 88-94. *In: 2004 Season Summary. News of the Lepidopterists' Society* 47(S1): 1-96 (1 April) [general]
- 2005b. See Pozo, M. del C. et al., 2005.
- 2005c. See Luis, M. A. et al., 2005.
- 2006a. Zone 11 Mexico. Mexico & the Caribbean islands, pp. 101-103. *In: 2005 Season Summary. News of the Lepidopterists' Society* 48(S1): 1-108, 6 figs. (20 March) [general]
- 2006b. See Oñate, L. et al., 2006.
- 2006c. See Llorente, J. E. et al., 2006a.
- 2006d. See Luis, M. A. et al., 2006.
- 2006e. See Llorente, J. E. et al., 2006b.
- 2007a. Zone 11 Mexico. Mexico & the Caribbean Islands, pp. 112-118. *In: 2006 Season Summary. News of the Lepidopterists' Society* 49(S1): 1-120, figs. (29 March) [general]
- 2007b. See Austin, G. T. et al., 2007b.
- 2008a. See Hernández, B. C. et al., 2008a.
- 2008b. See Hernández, B. C. et al., 2008b.
- 2008c. See Pozo, M. del C. et al., 2008.
- 2008d. See Warren, A. D. et al., 2008a.
- 2008e. Mexico & the Caribbean islands, pp. 135-146. *In: 2007 season summary. News of the Lepidopterists' Society* 50(S1): 1-148 (10 May) [general]
2009. Mexico & the Caribbean islands, pp. 116-118. *In: 2008 season summary. News of the Lepidopterists' Society* 51(S1): 1-120 (3 March) [general]
- 2010a. Mexico & the Caribbean islands, pp. 134-136. *In: 2009 season summary. News of the Lepidopterists' Society* 52(S1): 1-140 (15 April) [general]
- 2010b. See Luna, M. de las M. et al., 2010.
- 2010c. See Hernández-Baz, F. et al., 2010.
- 2010d. See Luis, M. A. et al., 2010.
- 2011a. See Luis, M. A. et al., 2011a.
- 2011b. Mexico & the Caribbean islands, pp. 146-159. *In: 2010 season summary. News of the Lepidopterists' Society* 53(S1): 1-159 (6 June) [general]
- 2012a. See Luna, M. de las M. et al., 2012.
- 2012b. Mexico & the Caribbean islands, pp. 170-174. *In: 2011 season summary. News of the Lepidopterists' Society* 54(S1): 1-174 (6 March) [general]
2013. Mexico & the Caribbean islands, pp. 159-163. *In: 2012 season summary. News of the Lepidopterists' Society* 55(S1): 1-163 (28 April) [general]
- 2014a. See Llorente, J. E. et al., 2014.
- 2014b. See Figueroa, A. L. et al., 2014.
- 2014c. Mexico & the Caribbean islands, pp. 188-192. *In: 2013 season summary. News of the Lepidopterists' Society* 56(S1): 1-194 (May) [general]
2015. Mexico & the Caribbean islands, pp. 206-208. *In: 2014 season summary. News of the Lepidopterists' Society* 57(S1): 1-209 (6 March) [general]
2016. See Luis, M. A. et al., 2016.
2017. Mexico & the Caribbean islands, pp. 211-213. *In: 2016 season summary. News of the Lepidopterists' Society* 59(S1): 1-214 (25 May) [general]
2019. Mexico & the Caribbean islands, pp. 52-54. *In: 2018 season summary. News of the Lepidopterists' Society* 61(S1): 1-54 (15 November) [general]
- Vargas, Isabel, Diana Jimena Castro and Jorge Enrique Llorente**
2018. Palpos labiales de la mariposa *Prestonia clarki* (Lepidoptera: Pieridae). Ultraestructura de órganos sensoriales y sensilas. *Revista de Biología tropical* 66(3): 1324-1346, 10 figs. (September; published online 4 July) [morphology; ectoparasite; Mexico]
- Vargas, Isabel, Jorge Enrique Llorente and Moisés Armando Luis**
1991. Lepidoptero fauna de Guerrero I: Distribución y fenología de los Papilionoidea de la Sierra de Atoyac. *Publicaciones especiales del Museo de Zoología. Facultad de Ciencias. Universidad nacional autónoma de México* 2: [6] + ii + 127 pp., 85 figs., 14 tabs. (May) [general]
1994. Listado lepidopterofaunístico de la Sierra de Atoyac de Álvarez en el Estado de Guerrero: Notas acerca de su distribución local y estacional (Rhopalocera: Papilionoidea). *Folia entomologica mexicana* 86: 41-178, 85 figs., 14 tabs. (30 June) [general; Mexico]
- 1996b. Distribución y fenología de tres especies del género *Eunica* en México (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 7(2): 121-126, 7 figs. (30 December) [*E. alcmena alcmena* Doubleday, *E. malvina albida* Jenkins, *E. olympias agustina* Maza, *E. o. augusta* Bates; new subspecies: *E. malvina almae*]
1999. Distribución de los Papilionoidea (Lepidoptera: Rhopalocera) de la Sierra de Manantlán (250-1,650 m) en los estados de Jalisco y Colima. *Publicaciones especiales del Museo de Zoología. Universidad nacional autónoma de México* 11: [1-3], i-ii, 1-153, 72 figs., 8 tabs. [general; faunistics; Mexico]
- 2016a. *Adiciones a la serie Papilionoidea de México. Distribución geográfica e ilustración.* México, Universidad Nacional Autónoma de México. 120 pp., 7 pls., 1 tab., 4 maps (25 February) [general]
- Vargas, Isabel, Jorge Enrique Llorente, Moisés Armando Luis and María del Carmen Pozo**
2008. *Nymphalidae de México II (Libytheinae, Morphinae y Charaxinae): Distribución geográfica e ilustración.* México, Universidad Nacional Autónoma de México.



- 226 pp., 39 pls., 5 figs., 4 tabs., 94 maps (February) [general]
- Vargas, Isabel, Moisés Armando Luis and Jorge Enrique Llorente**
2013. Una nueva subespecie de *Heraclides androgeus* (Lepidoptera: Papilionidae) y sus aspectos biogeográficos. *Revista de Biología tropical* 61(2): 711-733, 7 figs., 5 tabs. (June; published online 1 June) [*H. a. reyesorum*; Mexico]
- Vargas, Isabel, Moisés Armando Luis, Jorge Enrique Llorente and Andrew David Warren**
- 1996a. Butterflies of the State of Jalisco, Mexico. *Journal of the Lepidopterists' Society* 50(2): 97-138, 1 fig., 2 tabs. (5 July) [general]
- Vargas, Isabel, Marysol Trujano, Jorge Enrique Llorente and Moisés Armando Luis**
2006. *Patrones de distribución de las subfamilias Ithomiinae, Morphinae y Charaxinae (Lepidoptera: Nymphalidae)*, pp. 867-943, 107 figs., 4 tabs. In: Morrone, J. J. & J. E. Llorente (Eds.), *Componentes bióticos principales de la entomofauna mexicana*. México, Universidad Nacional Autónoma de México. (September) 2. [general]
- Vargas, Isabel, Andrew David Warren, Moisés Armando Luis and Jorge Enrique Llorente**
- 2016b. *Mariposas diurnas (Rhopalocera)*, pp.366-375, 2 figs., 3 tabs. In: *La biodiversidad en Colima. Estudio de estado*. México, Comisión Nacional para el Conocimiento y Uso de la Biodiversidad. (May) [general; Mexico]
- Vargas, José Ignacio**
2000. See Parra, M. L. et al., 2000.
- 2001a. See Nielsen, G. J. et al., 2001.
- 2001b. See Salazar, J. A. & J. I. Vargas, 2001.
2002. See Salazar, J. A. & J. I. Vargas, 2002.
- 2003a. Mariposas diurnas de Punta Soldado, Buenaventura, Valle, contribución a su historia natural. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 7: 195-207, 5 + 13 figs., 3 tabs. (November) [general; life histories; host plants; Colombia]
- 2003b. See Salazar, J. A. et al., 2003.
- 2004a. See Salazar, J. A. & J. I. Vargas, 2004a.
- 2004b. See Salazar, J. A. & J. I. Vargas, 2004b.
- 2004c. See Johnson, K. D. et al., 2004.
2008. Mariposas colombianas XI. Más datos de localidades e ilustración para hespéridos raros de Colombia (Insecta: Lepidoptera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 12: 206-216, 14 figs. (November) [general]
2009. See Henao, E. R. & J. I. Vargas, 2009.
2010. See Salazar, J. A. et al., 2010b.
- 2013a. See Constantino, L. M. et al., 2013.
- [2013]b. See Salazar, J. A. et al., [2013].
- [2016]. See Henao, E. R. & J. I. Vargas, [2016].
- [2017]. See Delgado, F. & J. I. Vargas, [2017].
- [2018]. Nuevas especies y subespecies de riodinidos colombianos y descripción de *Alethea*, nuevo género de la tribu Symmachiini Bates, 1859 (Lepidoptera: Riodinidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(1): 199-216, 28 figs. ("June 2017", [August 2018]; published online December 2017) [*Calospila metaensis*, *Minotauros confusa*, *Panaropsis semiota remedios*, *Melanis pixe pseudoalena*, *Emesis brimo insulicola*, *Ithomeis eulema caucana*, *Pachytone* [sic] *erebia thalassina*]
- [2019]a. Nuevo registro de la mariposa *Aspitha leander* Boulet, 1912 (Lepidoptera, Hesperidae: Pyrrhopyginae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 22(1): 204, 1 fig. ("January 2018", [8 August 2019]; published online January 2018) [Colombia]
- 2019b. See Salazar, J. A. et al., 2019.
- Vargas, José Ignacio, and Efraín Reinel Henao**
2004. Muestreo preliminar de mariposas (Lepidoptera - Rhopalocera) del Municipio de Samaná - Caldas. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 329-351, 1 fig., 1 tab., 1 map (November) [general; Colombia]
- Vargas, José Ignacio, and César Augusto Salazar**
2014. Biodiversidad y mariposas en una región del Alto Chocó, San José del Palmar, Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 18(1): 259-284, 3 pls., 13 figs. (July) [general]
- Vargas, José Ignacio, and Julián Adolfo Salazar**
2001. Mariposas colombianas I. Sobre un extraordinario híbrido de *Consul fabius cecrops* (Dbl. & Hew.) x *Consul panariste pandrosa* (Niep.) (Lep: Charaxidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 5: 22-25, 1 fig. (January)
2002. Mariposas colombianas IV. Singular hibridación natural de *Heliconius cydno zelinde* (Butler) x *Heliconius melpomene vulcanus* (Butler) (Lep: Nymph: Heliconiinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 6: 41-43, 1 fig. (March) [Colombia]
2004. Mariposas colombianas VII. Breve nota sobre las especies de los géneros *Junonia* Hemming 1964, *Daedalma* Hewitson 1858 y *Thiemeia* Weymer 1912 depositadas en algunas colecciones colombianas (Lepidoptera, Satyridae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 8: 247-259, 5 figs. (November) [general]
2006. Mariposas colombianas VIII. Noticias sobre otros Gypocera rara vez observados en Colombia (Insecta: Lepidoptera). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 10: 199-208, 10 figs. (November) [general; Hesperidae]
2007. Mariposas colombianas IX. Hibridación natural de *Heliconius erato dignus* (Stichel) x *Heliconius erato lativitta* (Butler) en el piedemonte suroriental de Colombia (Lep: Nymphalidae: Heliconiinae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 11: 293-299, 2 figs. (November)
- Vargas, Luis Esteban**
2013. See Sánchez, N. V. et al., 2013.
- Vargas, María Angélica**
2011. See Prince, S. et al., 2011.
2013. See Boom, C. J. et al., 2013.
- 2016a. See Prieto, C. H. & M. A. Vargas, 2016a.
- 2016b. See Prieto, C. H. & M. A. Vargas, 2016b.
- Vargas, María Angélica, Carlos José Boom, Leidys Isabel Seña, Alba Lucia Echeverry and Neis José Martínez**
2015. Composición vegetal, preferencias alimenticias y abundancia de Biblidinae (Lepidoptera: Nymphalidae) en un fragmento de bosque seco tropical en el Departamento del Atlántico, Colombia. *Acta biológica colombiana* 20(3): 79-92, 7 figs., 4 tabs. (December; published online 31 July) [general]
- Vargas, María Angélica, Neis José Martínez, Luis Carlos Gutiérrez, Stephanie Prince, Vianys Herrera and Luis F. Torres**

2011. Riqueza y abundancia de Hesperioidea y Papilionoidea (Lepidoptera) en la Reserva Natural Las Delicias, Santa Marta, Magdalena, Colombia. *Acta biológica colombiana* 16(1): 43-59, 5 figs., 1 tab. (April) [general]
- Vargas, María Angélica, Stephania Prince and Neis José Martínez**
2012. Estructura poblacional de *Heliconius erato hydara* Hewitson, 1867 (Lepidoptera: Nymphalidae) en la Reserva Campesina La Montaña (RCM), departamento del Atlántico, Colombia. *Boletín de la Sociedad entomológica aragonesa* 51: 273-281, 4 figs., 4 tabs. (31 December) [host plant; behavior; ecology]
- Vargas, Marta**
2019. See Concha, C. et al., 2019.
- Vargas, Myriam Lucy, and Guillermo Sánchez**
1984. Control natural de algunas plagas de arroz en las variedades IR-22 y CICA-6. *Revista colombiana de Entomología* 9(1/4): 50-54, 5 tabs. [*Panoquina* sp.; parasitoids; Colombia]
- Vargas, Natalia**
2018. See Castillo, L. P. et al., 2018.
- Vargas, Pablo**
2013. See Traveset, A. et al., 2013.
- Vargas, Renzo**
2007. See Aguirre, L. F. et al., 2007.
- Vargas, Rodolfo**
1954. Cultivo del frijol en la Costa Central del Perú. *Boletín de la Estación experimental agrícola de La Molina* (Lima) 54: 1-94, 36 figs., 16 tabs. (March) [*Urbanus proteus* (Linnaeus)]
1959. See Bocanegra, S. et al., 1959.
- Vargas, Sergio**
2018. See Kawahara, A. Y. et al., 2018b.
- Vargas, Úrsula**
2011. See Lanuza, A. & U. Vargas, 2011.
- Vargas, Willy F.**
1995. Insectos en la iconografía inka. *Revista peruana de Entomología* 37: 23-29, 18 figs. (11 September) [ethnoentomology; Peru]
- Vargas-Ortiz, Marcelo**
2016. See Vargas, H. A. et al., 2016.
- Vargas-Ortiz, Marcelo, Héctor Andrés Vargas and Hugo Alejandro Benítez**
2018. Seasonal variation and sexual shape dimorphism in wings of the Neotropical hairstreak *Strymon davara* (Lycaenidae, Theclinae, Eumaeini). *Journal of the Lepidopterists' Society* 72(1): 81-86, 5 figs., 2 tabs. (1 March) [host plant; Chile]
- Vasconcellos, F. T. C.**
1955. See Leiderman, L. & F. T. C. Vasconcellos, 1955.
- Vasconcellos, João, Neto**
1976. See Brown, K. S., Jr. & J. Vasconcellos, Neto, 1976.
1986. *Interactions between Ithomiinae (Lepidoptera: Nymphalidae) and Solanaceae*, pp. 364-377, 4 figs. In: D'Arcy, W. G. (Ed.), *Solanaceae: Biology and Systematics*. New York, Columbia University Press. [general; host plants; ecology; Brazil]
1991. *Interactions between ithomiine butterflies and Solanaceae: feedings and reproductive strategies*, pp. 291-313, 8 figs. In: Price, P. W., T. W. Lewinsohn, G. W. Fernandes & W. W. Benson (Eds.), *Plant-animal interactions. Evolutionary Ecology in Tropical and Temperate Regions*. New York, John Wiley & Sons, Inc. [general; host plants; parasitoids; Brazil]
1992. See Del-Claro, K. & J. Vasconcellos, Neto, 1992.
2002. See Freitas, A. V. L. et al., 2002a.
2003. See Romero, G. Q. & J. Vasconcellos, Neto, 2003.
2004. See Romero, G. Q. & J. Vasconcellos, Neto, 2004.
2016. See Freitas, A. V. L. et al., 2016c.
- Vasconcellos, João, Neto, and Keith Spalding Brown, Jr.**
1982. Interspecific hybridization in *Mechanitis* butterflies (Ithomiidae): a novel pathway for the breakdown of isolating mechanisms. *Biotropica* 14(4): 288-294, 12 figs., 2 tabs. (December) [Brazil]
- Vasconcellos, João, Neto, and Thomas Michael Lewinsohn**
1982. Comportamento de *Nephila clavipes* (L.) (Araneidae) em relação a lepidópteros: discriminação e rejeição de presas. *Ciência e Cultura* (São Paulo) 34(7, supl.): 548 (July) [abstract; general; Brazil]
1984. Discrimination and release of unpalatable butterflies by *Nephila clavipes*, a neotropical orb-weaving spider. *Ecological Entomology* 9(3): 337-344, 2 figs., 1 tab. (August) [general; Brazil]
- Vasconcellos, João, Neto, and Ricardo Ferreira Monteiro**
1993. Inspection and evaluation of host plant by the butterfly *Mechanitis lysimnia* (Nymph., Ithomiinae) before laying eggs: A mechanism to reduce intraspecific competition. *Oecologia* 95(3): 431-438, 4 figs., 4 tabs. (September) [host plants; Brazil]
- Vasconcelos, Daniel, and Wilfried Dathe**
2002. *La obra de Gundlach en sellos postales de Cuba*, pp. 197-215, 10 figs. In: Dathe, W. & R. M. González (Eds.), *Johann Christoph Gundlach (1810-1896). Un naturalista en Cuba. Naturforscher auf Kuba*. Marburg an der Lahn, Basiliskus Presse. [general; history]
- Vasconcelos, Rodrigo Nogueira de**
2013. See Rocha, P. L. B. da et al., 2013.
2017. See Cambuí, E. C. B. et al., 2017.
2018. See Santos, J. P. dos et al., 2018.
2019. See Santos, J. P. dos et al., 2019.
- Vasconcelos, Rodrigo Nogueira de, Elaine Cristina Barbosa Cambuí, Eduardo Mariano-Neto, Pedro Luís Bernardo da Rocha and Márcio Zikán Cardoso**
2019. The role of *Eucalyptus* planted forests for fruit-feeding butterflies' conservation in fragmented areas of the Brazilian Atlantic forest. *Forest Ecology and Management* 432: 115-120, 3 figs. (15 January) [general]
- Vasconcelos, Rodrigo Nogueira de, Elaine Cristina Barbosa Cambuí and Marcelo Cesar Lima Peres**
2009. Borboletas do Parque Metropolitano de Pituçu, Salvador, Bahia, Brasil. *Sitientibus* (Ciências Biológicas) 9(2/3): 158-164, 2 figs., 1 tab. (September) [general]
- Vasellatti, Viviana**
2002. See Medan, D. et al., 2002.
- Vasicek, Araceli**
2010. See Urretabizkaya, N. et al., 2010.
- Vásquez, Carlos**
2010. See Morales, J. et al., 2010.
- Vásquez, E. A.**
2019. See Sermeño, J. M. et al., 2019.
- Vásquez, Joel**
- [1997]. See Couturier, G. et al., 1997.
2007. See Correa, M. del R. & J. Vásquez, 2007.
2015. See Ruiz, E. et al., 2015.
- Vásquez, Joel, César Delgado, Guy Couturier, Kember Mejía, Luis Freitas and Dennis del Castillo**
2008. Pest insects of the palm tree *Mauritia flexuosa* L.f., dwarf form, in Peruvian Amazonia. *Fruits* 63(4): 227-

- 238, 2 figs., 2 tabs. (August; published online 17 July) [*Brassolis sophorae* (Linnaeus); *Opsiphanes cassina* C. Felder & R. Felder; life histories; host plant]
- Vásquez, Joel, Gerardo Lamas, Guy Couturier and Kember Mejía**  
2012. Aspectos biológicos de *Panacea prola amazonica* (Fruhstorfer) (Lepidoptera: Nymphalidae), en la Amazonía peruana. *Folia amazónica* (Iquitos) 21(1/2): 71-76, 3 figs., 1 tab. (published online 6 January 2014) [life history; host plant; parasitoids; predators; behavior]
- Vásquez, Joel, Kember Mejía and Guy Couturier**  
[1997]. Insectos de la "uña de gato" (*Uncaria guianensis* y *U. tomentosa*: Rubiaceae), planta medicinal de la Amazonía peruana. *Revista peruana de Entomología* 39: 121-124, 6 figs. ("December 1996" [18 February 1997]) [*Spioniades artemides* (Stoll)]
- Vásquez, Joel, Wenceslao Peña, Ricardo Zárate, Julio Pinedo, Melba del Rocío Correa, Juan José Palacios, Juan José Bellido, Juan José Ramírez and Gerardo Lamas**  
[2018]. Dietas vegetales en el desarrollo larval de dos especies de *Morpho* (Lepidoptera: Nymphalidae, Satyrinae, Morphini) en cautiverio, en Iquitos, Loreto, Perú. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 21(2): 133-146, 6 figs., 1 tab. ("November 2017", [August 2018]; published online December 2017) [life histories; host plants]
- Vásquez, Joel, Elsa Rengifo and Guy Couturier**  
[2007]. Ciclo biológico de *Battus polydamas* (Linnaeus) (Lepidoptera: Papilionidae) en la Amazonía de Perú. *Revista peruana de Entomología* 45: 101-103, 8 figs., 1 tab. ("27 December 2006" [14 February 2007]) [host plant; behavior]
- Vásquez, Joel, Ricardo Zárate, Andrés Fernández, Pedro Vela, Julio Pinedo, Juan José Ramírez and Gerardo Lamas**  
2017b. Aspectos biológicos de *Archaeoprepona demophon muson* (Fruhstorfer, 1905) (Lepidoptera: Nymphalidae, Charaxinae) en la Amazonía peruana. *Revista peruana de Biología* 24(3): 249-254, 2 figs., 1 tab. (December; published online 28 October) [egg, larva, pupa, imago; host plant; behavior]
- Vásquez, Joel, Ricardo Zárate, Percy Huiñapi, Julio Pinedo, Juan José Ramírez, Gerardo Lamas and Pedro Vela**  
2017a. Plantas alimenticias de 19 especies de mariposas diurnas (Lepidoptera) en Loreto, Perú. *Revista peruana de Biología* 24(1): 35-42, 1 fig., 1 tab. (May; published online 20 March) [general; host plants]
- Vásquez, Joel, Ricardo Zárate, Julio Pinedo and Juan José Ramírez**  
2017c. *Manual para la crianza de diez especies de mariposas amazónicas*. Iquitos, Instituto de Investigaciones de la Amazonía Peruana. 81 pp., figs. (July) [general; life histories; host plants; parasitoids; predators; Peru]
- Vásquez, Manuel**  
2012. See Wilson, A. C. de & M. Vásquez, 2012.
- Vásquez, Víctor**  
1962. See Merino, G. & V. Vásquez, 1962.
- Vásquez, Yeison**  
[2013]. See Muriel, S. B. et al., [2013]b.
- Vásquez-Bolaños, Miguel**  
2014. See Meléndez-Jaramillo, E. et al., 2014.  
2019. See Rodríguez, W. D. et al., 2019.
- Vásquez-Rojas, Ignacio M.**  
2004. See Hoffmann, A. et al., 2004.
- Vasseur, Liette**  
2017. See Zhao, Q. et al., 2017.
- Vasudev, Milana**  
2013. See Potyrailo, R. A. et al., 2013.
- Vaughan, Mario**  
[no date]. Lista de insectos determinados de Nicaragua. *Boletín técnico. Ministerio de Agricultura y Ganadería* (Managua) 1: 1-55. [general; host plants]
- Vaurie, Patricia** [1909-1982]  
1962. See Selander, R. B. & P. Vaurie, 1962.
- Vayssière, Paul** [1889-1984]  
1965. Sur quelques insectes des palmiers en Amérique du Sud. *Mededelingen. Landbouwhogeschool Opzoekingsstations Staat Gent* 30(3): 1571-1576. [general]
- Vaz-de-Mello, Fernando Zagury**  
2008. See Azevedo, C. O. et al., 2008.  
2009. See Uehara-Prado, M. et al., 2009.  
2017. See Roque, F. de O. et al., 2017.
- Vázquez, José Manuel, Bertha Alicia Cisneros, Juan José Martínez and José Javier Carlos**  
2015. Abundancia estacional de la mariposa monarca *Danaus plexippus* e incidencia del protozoario *Ophryocystis elektroscirrha* en un jardín de mariposas en la Comarca Lagunera, México. *Entomología mexicana* 2: 517-521, 2 figs. (July)
- Vázquez, Leonila** [1914-1995]  
1934. Contribución al conocimiento de los lepidópteros mexicanos I. *Morpheis ehrenbergii* Hbn. *Anales del Instituto de Biología de México* 5(3): 259-267, 12 figs. [egg, larva, pupa, imago; host plants; Mexico]  
1943. Observaciones faunísticas de los lepidópteros de Izúcar de Matamoros, Puebla. *Anales del Instituto de Biología de México* 13(2): 547-553 ("1942", after 17 March 1943) [general; Mexico]  
1946. Descripción de dos especies nuevas de *Anaea* del grupo *excellens* (Lepidoptera: Nymphalidae). *Anales del Instituto de Biología de México* 17(1/2): 231-235, 2 figs. (5 December) [*A. margarita*, *A. jansonica*; Mexico]  
1947. Papilios nuevos de México. *Anales del Instituto de Biología de México* 18(1): 249-256, 5 figs. (30 September) [*P. pharnaces* male form *paucimaculata*, *P. erostratinus*]  
1949a. Papilios nuevos de México. *Anales del Instituto de Biología de México* 19(1): 233-240, 3 figs. ("1948", 8 April 1949) [*P. polyzelus polyzelus* form *bipunctus*, *P. laodamas copanae* male form *ochracea*, *P. thoas autocles* form *nigrocaudata*, *P. torquatus tolus* female form *semipunctata*, *P. t. t.* female form *semimaculata*, *P. t. t.* female form *prorsus maculata*, *P. thymbraeus thymbraeus* aberration *pallida*]  
1949b. Observaciones sobre piéridos mexicanos, con descripciones de algunas formas nuevas. *Anales del Instituto de Biología de México* 19(2): 469-484, 4 figs. ("1948", 30 June 1949) [general; *Dismorphia virgo* form *candida*, *Zerene caesonia* [sic] form *albida*, *Aphrissa statira* form *concolor*, *A. s.* form *candens*, *A. s.* form *subtermaculata*, *A. s.* female form *impunctata*]  
1951. Observaciones sobre piéridos mexicanos. II. *Phoebis sennae eubule* L. y sus formas en México. *Anales del Instituto de Biología de México* 21(2): 417-429, 2 figs. ("1950", 6 March 1951)  
1952. Observaciones sobre piéridos mexicanos con descripciones de algunas formas nuevas. III. *Anales del Instituto de Biología de México* 22(2): 533-555, 3 figs. ("1951", 7 August 1952) [general; *Phoebis intermedia*]

- female form *rubrofasciata*]
- 1953a. Observaciones sobre piéridos mexicanos con descripciones de algunas formas nuevas. IV. *Anales del Instituto de Biología de México* 23(1/2): 257-267, 2 figs. ("1952", 20 May 1953) [*Zerene caesonía* [sic] (Stoll)]
- 1953b. Observaciones sobre Papilios de México, con descripciones de algunas formas nuevas; una especie nueva para México y localidades nuevas de algunos otros. III. *Anales del Instituto de Biología de México* 24(1): 171-175, 2 figs. (22 September) [general; *P. eracon* male form *ochracea*, *P. laodamas copanae* male form *media*, *P. l. procas* form *ochracea*]
- 1954a. Observaciones sobre piéridos mexicanos, con descripción de algunas formas nuevas. V. Las especies del género *Itaballia* en México. *Anales del Instituto de Biología de México* 24(2): 435-444 ("1953", 24 March 1954) [general; *I. (Pieriballia) viardi viardi* form *intermedia*]
- 1954b. Observaciones sobre piéridos mexicanos, con descripción de algunas formas nuevas. VI. Dos formas nuevas de *Phoebis (Rhabdodryas) trite* Linn. *Anales del Instituto de Biología de México* 25(1/2): 389-390 (9 November) [*P. (R.) t. t.* form *cinnamon-rosea*]
- 1954c. Notas sobre lepidópteros mexicanos. I. Papilionidae y Pieridae de la Mesa de San Diego, Pue., y sus alrededores. *Anales del Instituto de Biología de México* 25(1/2): 391-416, 1 map (9 November) [general]
1956. Reconsideración taxonómica de *Prestonia clarki* Schaus - *Phoebis (Prestonia) clarki* (Schaus) - Lepidoptera-Pieridae. *Anales del Instituto de Biología de México* 26(2): 477-487, 4 pls., 1 fig. ("1955", 20 June 1956) [morphology; Mexico]
1957. Papilios nuevos de México. IV. *Anales del Instituto de Biología de México* 27(2): 473-485, 12 figs. ("1956", 30 September 1957) [*Battus iphidamas* male form *distinctus*, *B. philenor insularis*, *B. eracon* aberration *incolorus*, *B. belus chalcus* form *ochracea*, *B. laodamas copanae* form *iopanae*, *Papilio pharnaces* form *dissimilis*, *P. victorinus morelius* female form *amphisinus*, *Graphium belesis occiduus*, *G. thymbraeus thymbraeus* form *aconopheus*]
- 1958a. Notas sobre lepidópteros de las Islas Revillagigedo. I. *Anales del Instituto de Biología de México* 28(1/2): 301-307 ("1957", 14 June 1958) [general; new subspecies: *Thecla columella clarionica*, *T. c. socorroica*; Mexico]
- 1958b. Variabilidad de *Papilio garamas* Hbn. en México. Insecta: Lepidoptera. *Memorias del I Congreso nacional de Entomología y Fitopatología* (México), pp. 28-37, 9 figs. [general]
1959. Notas sobre lepidópteros de las Islas Revillagigedo. II. *Anales del Instituto de Biología de México* 29(1/2): 349-353, 3 figs. ("1958", 31 March 1959) [*Thecla columella socorroica* Vázquez; Mexico]
1960. La isla Socorro. X. Observaciones sobre los artrópodos. *Monografías del Instituto de Geofísica. Universidad nacional autónoma de México* 2: 217-234, 13 figs. [*Thecla* spp.; Mexico]
1961. See Comstock, J. A. & L. Vázquez, 1961.
1963. Carlos C. Hoffmann y su obra principal de los lepidópteros mexicanos. In memoriam. *Anales del Instituto de Biología. Universidad nacional autónoma de México* 33(1/2): 399-402 (6 February) [general; biogeography]
1964. Notas sobre la biología y hábitos de *Baronia brevicornis* Salv. (Lepidoptera: Papilionidae). *Folia entomologica mexicana* 7/8: 39-40 (December) [abstract; Mexico]
1970. See Eisner, T. et al., 1970.
1973. See Kattain, G. & L. Vázquez, 1973.
1975. Polimorfismo en lepidópteros papilionidos, *Baronia brevicornis* Salv. (Papilionidae: Baroniinae). *Folia entomologica mexicana* 33: 79-81 (March) [Mexico]
1982. Los tipos existentes en la colección entomológica del Instituto de Biología de la Universidad Nacional Autónoma de México. (Primer suplemento). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 52(1): 493-505 (22 December) [Megathyminae, *Theope villai* Beutelspacher; Mexico]
1986. Los tipos existentes en la colección entomológica del Instituto de Biología de la Universidad Nacional Autónoma de México. (Segundo suplemento). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 56(2): 607-640 (20 November) [*Parides lycimenes septentrionalis* R. de la Maza & Díaz, *Cyllopsis caballeroi* Beutelspacher, *Habrodais poodiae* Brown & Faulkner; Mexico]
1988. *Baronia brevicornis* Salvin y sus formas (Lepidoptera: Papilionidae - Baroniinae). *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 58(2): 655-679, 7 figs. (15 July) [new forms: *B. b. f. intermedia*, *B. b. f. difusa*, *B. b. f. hectoris*, *B. b. f. albina*, *B. b. f. hoffmanni*, *B. b. f. beutelspacheri*, *B. b. f. semidorada*, *B. b. f. lupita*, *B. b. f. multipunctatus*, *B. b. f. nigrodiscus*, *B. b. f. tetrapuncti*, *B. b. f. rosita*, *B. b. f. zaragozae*; Mexico]
1989. Los tipos existentes en la Colección Entomológica del Instituto de Biología de la Universidad Nacional Autónoma de México (Tercer Suplemento). *Cuadernos. Instituto de Biología. Universidad nacional autónoma de México* 2: 1-60 (November) [general]
1993. See Soto, J. C. & L. Vázquez, 1993.
- Vázquez, Leonila, and Héctor Pérez**
1962. Observaciones sobre la biología de *Baronia brevicornis* Salv. (Lepidoptera: Papilionidae - Baroniinae). *Anales del Instituto de Biología de México* 32(1/2): 295-311, 14 figs. ("1961", 30 March 1962) [egg, larva, pupa; Mexico]
1967. Nuevas observaciones sobre la biología de *Baronia brevicornis* Salv. Lepidoptera: Papilionidae - Baroniinae. *Anales del Instituto de Biología de México* 37(1/2): 195-204, 5 figs., 2 graphs ("1966", 20 September 1967) [ecology; behavior; Mexico]
1984. The monarch butterfly as a resource for ecological research in Mexico. *Atala* 9(1/2): 7-8 (April) [*Danaus plexippus* (Linnaeus); Mexico]
- Vázquez, Leonila, and Santiago Zaragoza**
1981. Tipos existentes en la colección entomológica del Instituto de Biología de la Universidad Nacional Autónoma de México. *Anales del Instituto de Biología. Universidad nacional autónoma de México (Zoología)* 50(1): 575-632 (12 June) [general]
- Vázquez-Elorza, Ariel, Ever Sánchez-Osorio, Miguel Pérez-Ramírez, David Israel Contreras-Medina, Joaline Pardo-Núñez, Nashyeli Figueroa-Galván and Juan Gallardo-Valdez**
2017. *Perspectivas sociales, históricas y económicas del agave en México: Una mirada a sus problemáticas, producción, aprovechamiento y consumo*, pp. 249-300, 4 figs., 3 tabs. In: Gschaedler-Mathis, A. C. (Ed.), *Panorama del aprovechamiento de los agaves en México*. Guadalajara, Centro de Investigación y Asistencia en Tecnología y Diseño del Estado de

- Jalisco (15 August) [*Acentrocne hesperiaris* (Walker); host plants]
- Vecco, Carlos Daniel**  
2009. *Bases para la interpretación de la biodiversidad amazónica con énfasis en Lepidoptera*. (*Lepidoptera de San Martín*, 2). Tarapoto, Urku Estudios Amazónicos. 146 pp., 37 figs., 1 tab. (October) [general; Peru]
- Vecco, Carlos Daniel, and Raúl Gonzales**  
2006. *Lepidoptera de San Martín. Introducción a la diversidad y ecología de mariposas y polillas amazónicas. Volumen I*. Tarapoto, Urku Estudios Amazónicos. 96 pp., 24 figs. (September) [general; Peru]
- Vedel, Vincent**  
2016. See Lamarre, G. P. A. et al., 2016a.
- Vega, Germán**  
2004. Fauna de mariposas (Lepidoptera: Rhopalocera) de la cuenca del río Savegre, Costa Rica. *Brenesia* (San José) 61: 109-124, 4 figs. (March) [general; behavior]  
2006. Diversidad de mariposas diurnas (Lepidoptera: Rhopalocera) en los Cerros de Escazú, Costa Rica. *Brenesia* (San José) 65: 45-53, 3 figs. (March) [general]  
2008. See Sánchez, J. et al., 2008.  
2010. *Guía de plantas hospederas para mariposarios*. Santo Domingo de Heredia, Editorial INBio. 184 pp., figs. [general; host plants; Neotropics]  
2012a. Mariposas diurnas de El Rodeo: diversidad y composición. *Brenesia* (San José) 77: 271-296, 17 figs., 1 tab. (March) [general; Costa Rica]  
2012b. See Cascante, A. & G. Vega, 2012.  
2016. See Nakahara, S. et al., 2016b.
- Vega, Germán, and Paul Gloor**  
2001. Lista preliminar de las mariposas diurnas (Hesperioidea: [sic] Papilionoidea) de la Zona Protectora El Rodeo, Ciudad Colón, Costa Rica. *Brenesia* (San José) 55/56: 101-122, 1 tab. (March-September) [general; host plants; behavior]
- Vega, Germán, and Julián Solano**  
2013. Nuevos registros de mariposas (Lepidoptera, Papilionoidea) para Costa Rica. *Brenesia* (San José) 80: 95-96 ("March", September) [*Thestius lycabas* (Cramer), *Memphis nenia* (Druce), *Adelpha attica* (C. Felder & R. Felder)]
- Vega, Michely**  
2005. See Avilés, R. et al., 2005.
- Vega, Obdulia**  
2001. See Pacheco, H. R. & O. Vega, 2001.
- Veiga, Antônio Fernando de Souza Leão**  
1993. See Lima, M. de F. C. de & A. F. de S. L. Veiga, 1993.  
1995. See Lima, M. de F. C. de & A. F. de S. L. Veiga, 1995.  
1996. See Lima, M. de F. C. de & A. F. de S. L. Veiga, 1996.  
2006. See Souza, N. A. de et al., 2006.
- Veiga, Antonio Fernando de Souza Leão, Geraldo Pereira de Arruda, C. Menezes and Jandira Figueiredo Warumby**  
1975. Primeira contribuição para o conhecimento dos inimigos naturais das pragas no Estado de Pernambuco. *Anais da Sociedade entomológica do Brasil* 4(1): 126-139. [general; Brazil]
- Vela, Pedro**  
2017a. See Vásquez, J. et al., 2017a.  
2017b. See Vásquez, J. et al., 2017b.
- Velado, Patricia**  
2019. See Rosser, N. et al., 2019b.
- Velandia, Alvaro E.**  
2012. See Priestap, H. A. et al., 2012.
- Velarde, Edilberto, José Francisco Franco and Gorky Valencia**  
1989. Primera relación de lepidópteros (Rhopalocera), colectados en el Parque Arqueológico de Sacsayhuamán y alrededores. *Boletín de la Sociedad zoológica del Cusco* 1(4): 11 (October) [general; Peru]
- Velasco, Hermenegildo**  
1972. Fluctuación del daño del barrenador de la piña *Thecla* sp. y su control con insecticidas. *Folia entomologica mexicana* 23/24: 62-63 (January) [abstract; Mexico]
- Velasco, Hermenegildo, Gregorio E. Ibarra, Efrén Ceballos and Juan Antonio Sifuentes**  
1968. Biología y control del gusano barrenador *Thecla* sp. de la piña en el Sureste de México. *Agricultura técnica en México* 2(9): 426-429, 3 figs., 2 tabs. (July) [egg, larva, pupa, imago]
- Velasco, N.**  
2010. See Checa, M. F. et al., 2010.
- Velasco, Néstor R.**  
1986. See Lerma, L. F. et al., 1986.
- Velasco-García, Mario Valerio**  
2015. See Ruiz-García, N. et al., 2015.
- Velásquez de Ríos, Mercedes, and Jorge Benito Terán**  
2003. Los *Trichogramma* (Hymenoptera: Trichogrammatidae) de la región noroccidental del estado Guárico, Venezuela. *Entomotropica* 18(2): 127-145, 25 figs., 1 tab. (August) [*Dione juno* (Cramer); host plant; parasitoid]
- Velázquez, Carlos A. [1944- ]**  
1975. See Velázquez, N. V. de & C. A. Velázquez, 1975.  
1976. Reporte de un viaje de colecta a los Estados de Michoacán, Jalisco, Colima y Oaxaca. *Boletín informativo. Sociedad mexicana de Lepidopterología* 2(4): 6 (July-August) [general; Mexico]  
1977. See González, L. L. & C. A. Velázquez, 1977.
- Velázquez, Estrella**  
1993. See Guerra, M. et al., 1993.
- Velázquez, Noemí V. de**  
1975. Colecciones mexicanas de mariposas. *Boletín informativo. Sociedad mexicana de Lepidopterología* 1(1): 5 (January-February)
- Velázquez, Noemí V. de, and Carlos A. Velázquez**  
1975. Viaje de colecta a Jalisco y Colima. *Boletín informativo. Sociedad mexicana de Lepidopterología* 1(4): 6-7 (July-August) [*Papilio* spp.; Mexico]
- Velázquez-López, Rebeca, Zenón Cano-Santana and Xóchitl Damián-Domínguez**  
2009. *Historia natural y biología reproductiva de la flor del tigre*, *Tigridia pavonia* (*Iridaceae*), pp. 329-336, 5 figs., 1 tab. In: Lot, A. & Z. Cano-Santana (Eds.), *Biodiversidad del ecosistema del Pedregal de San Ángel*. México, Universidad Nacional Autónoma de México. [general; Mexico]
- Vélez, Ana María, Patricia Duque and Marta Isabel Wolff**  
2010. The life cycle of *Mesosemia mevania* (Hewitson 1857) (Riodinidae) in a lower montane humid forest in Colombia. *Journal of the Lepidopterists' Society* 64(1): 23-28, 2 figs. (13 April) [egg, larva, pupa, imago; host plant; behavior]
- Vélez, Andrés**  
2013. See Duque, P. et al., 2013.  
2014. See Duque, P. et al., 2014.
- Vélez, Andrés, Patricia Duque and Marta Isabel Wolff**  
2009. *Mariposas del Parque Ecológico Piedras Blancas*.

- Guía de campo*. Medellín, Fondo Editorial COMFENALCO. 203 pp., figs. (February) [general; life histories; host plants; Colombia]
2014. Description of the biology and immature stages of *Pagyris ulla* (Hewitson) (Lepidoptera: Nymphalidae: Ithomiini) in the Colombian Andes. *Journal of Natural History* 48(21/22): 1319-1325, 1 fig. (11 June; published online 30 January) [egg, larva, pupa, imago; host plant]
- Vélez, Ariana**  
2019. See Padrón, P. S. et al., 2019.
- Vélez, Diana Marcela, María Cristina Gallego and Yilton Riascos**  
2015. Diversidad de mariposas diurnas (Insecta: Lepidoptera [sic]) de un bosque subandino, Cajibío, Cauca. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 19(1): 263-285, 11 figs., 3 tabs. ("June", [8 October]) [general; Colombia]
- Vélez, Jesús Hernán [1949- ]**  
1989. Mariposas de la zona cafetera en Colombia. *Lámpara* 27(108): 10-19, figs. [general]  
1993. Algunos lepidópteros, ropalóceros (mariposas diurnas) del relicto de selva andina de Monteleón. *Anfora* (Manizales) 1(2): 54-56, 2 figs. [general; host plants; Colombia]  
1995. See Salazar, J. A. & J. H. Vélez, 1995.  
1997a. See Johnson, K. D. et al., 1997.  
1997b. See Johnson, K. D. et al., 1997.
- Vélez, Jesús Hernán, and Emilio Constantino** [1989]. *El encanto de las mariposas de Colombia*. Bogotá, RenaSer. [2] + 64 + [2] pp., figs. [general]
- Vélez, Jesús Hernán, and Indiana (= Jeisson) Cristóbal Ríos**  
2018. *Colombia, país de mariposas*. Bogotá, Villegas Editores. 567 pp., figs. (November) [general]
- Vélez, Jesús Hernán, and Julián Adolfo Salazar**  
1991. *Mariposas de Colombia*. Bogotá, Villegas Editores. 168 pp., figs. [general; new subspecies: *Parides iphidamas gorgonae*, *Memphis titan pacifica*]  
1994. Mariposas. *Hexágono* (Bogotá) 3(2): 7-20, figs. [general; Colombia]
- Vélez, Patricia E.**  
1994. See Bustillo, A. E. et al., 1994.
- Vélez, Raúl**  
1974. See Gallego, F. L. & R. Vélez, 1974.  
1989a. Otra identificación. *Notas y Noticias entomológicas* (Bogotá) 1989(5/6): 50 (9 October) [*Polythrix octomaculata octomaculata* (Sepp); host plant; Colombia]  
1989b. Defoliador de inchi. *Notas y Noticias entomológicas* (Bogotá) 1989(5/6): 51 (9 October) [*Panacea* sp.; host plant; Colombia]  
1989c. *Catálogo del Museo de Entomología "Francisco Luis Gallego"*. Medellín, Universidad Nacional de Colombia. xliii + 262 pp. [general]  
1991. Larva eruciforme. *Notas y Noticias entomológicas* (Bogotá) 1990(9/10): 57 (22 January) [*Actinote* sp.; host plant; Colombia]
- Véliz, Bryan**  
2016. See Cárdenas, G. et al., 2016.
- Vellard, Jehan Albert** [1900-1996]  
1948. Principales regiones biogeográficas de Bolivia. *Publicación. Asociación cultural de Conferencias de Rosario. Ciclo de Carácter general* 4: 1-16, 20 figs. [general]
- Vellozo, Lycio Grein de Castro, Mário José Nowacki and Milton Miró Vernalha**  
1949. Contribuição ao levantamento fitossanitário do Estado do Paraná. *Arquivos de Biologia e Tecnologia* (Curitiba) 4(2): 9-24. [general; host plants; Brazil]  
1953. Contribuição ao levantamento fitossanitário do Estado do Paraná. *Arquivos de Biologia e Tecnologia* (Curitiba) 8(16): 349-378. [general; host plants; Brazil]
- Veloso, Ronnie Von dos Santos**  
2012a. See Leite, G. L. D. et al., 2012a.  
2012b. See Leite, G. L. D. et al., 2012b.
- Veloso, Valquíria da Rocha Santos**  
2009. See Ferreira, G. A. et al., 2009.
- Veloz, Denia**  
2003. See Takizawa, H. et al., 2003.  
2004. See Guerrero, K. A. et al., 2004.
- Venables, Barbara Adrienne Broady** [1957-1993]  
1991. See Robbins, R. K. & B. A. B. Venables, 1991.
- Vendramim, José Djair**  
1992. See Fancelli, M. & J. D. Vendramim, 1992.  
1993a. See Boiça Junior, A. L. et al., 1993.  
1993b. See Fancelli, M. & J. D. Vendramim, 1993.  
1993c. See Boiça Junior, A. L. & J. D. Vendramim, 1993.
- Vendramim, José Djair, and Arlindo Leal Boiça Junior**  
1994. Efeito de cultivares de girassol sobre o desenvolvimento e a preferência para alimentação de *Chlosyne lacinia saundersii* [sic] Doubl. & Hew. (Lepidoptera: Nymphalidae). *Anais da Sociedade entomológica do Brasil* 23(1): 81-86, 3 tabs. (April) [host plant; Brazil]
- Vendramim, José Djair, and José Celso Martins**  
1982. Aspectos biológicos de *Ascia monuste orseis* (Latreille, 1819) (Lepidoptera-Pieridae) em couve (*Brassica oleracea* L. var. *acephala*). *Poliagro* 4(1/2): 57-65, 4 tabs. [life history; Brazil]
- Venegas, M.**  
1984. See Ortiz, F. et al., 1984.
- Venero, José Luis**  
[1981]. *Estercoleros y revolcaderos de vicuñas*. Lima, Ministerio de Agricultura y Alimentación. Proyecto Especial de Utilización Racional de la Vicuña. [iii] + 15 pp., 2 figs. [*Phulia nymphula* (Blanchard); Peru]  
1984. Un algarrobal en Calca - Cusco. *Boletín de Lima* 6(33): 53-56, 3 figs., 1 tab. (May) [*Leptotes callanga* (Dyar), *Teriocolias zelia* (Lucas), *Agraulis vanillae* (Linnaeus); Peru]  
1987. La fauna y el hombre andino. *Documento de Trabajo. Proyecto FAO/Holanda/INFOR* (Cuzco) 8: 1-28, 14 figs. (February) [*Metardaris cosinga* (Hewitson); ethnoentomology; Peru]
- Venero, José Luis, and Alfredo Tupayachi**  
1989. Ampay: santuario nacional. *Boletín de Lima* 11(61): 57-64, 6 figs. (January) [*Metardaris cosinga* (Hewitson); Peru]
- Venero, José Luis, Alfredo Tupayachi and Julio Gustavo Ochoa**  
1987. Hospederos de *Metardaris cosinga* (Lep., Hesperidae) en Cusco, Perú. *Revista peruana de Entomología* 28: 31-33 (20 October) [life history]
- Ventura, Sandra Regina da Silva**  
2000. See Maurício, E. G. et al., 2000.
- Venturoli, Fábio**  
1999. See Diniz, I. R. et al., 1999.
- Vera, Antonio**  
2016. See Rodríguez, W. et al., 2016.
- Vera, Antonio, Mauricio García, Javier Fernández, Eleodoro Andrés Inciarte and Maritza Martínez**  
2013. Artropodofauna herbívora asociada al manglar de la

ciénaga de La Palmita, estado Zulia, Venezuela. *Entomotropica* 28(2): 146 (August) [abstract; *Junonia genoveva* (Cramer)]

**Vera, Magaly**

1998. See Pérez, V. et al., 1998.

**Verástegui, Hipólito**

1936. See Pando, N. de et al., 1936.

**Verbaarschot, Patrick**

2019. See Woelke, J. B. et al., 2019.

**Verçoza, Fábio Castro, and Roberta Ferreira Bion**

2011. Polinização de *Lantana fucata* Lindley (Verbenaceae) por *Parides ascanius* Cramer (Lepidoptera: Papilionoidea) na Restinga de Grumari, Rio de Janeiro, RJ. *EntomoBrasilis* 4(1): 7-9, 2 figs. (April) [ecology; Brazil]

**Verdecia, Vanessa**

2017. See Lehnert, M. S. et al., 2017.

**Verenini, Massimo**

1986. See Mellini, E. & M. Verenini, 1986.

**Vergani, Aldo**

1939. See Hayward, K. J. & A. Vergani, 1939.

**Vergara, Carlos H.**

2011. See Acuña, A. M. et al., 2011.

2016. See Barranco-León, M. de las N. et al., 2016.

**Vergara, Clorinda**

1987. Terga y genitalia de tres especies de *Eucelatoria* (Dipt.: Tachinidae) en el Perú. *Revista peruana de Entomología* 28: 9-12, 9 figs. (20 October) [*Hylephila phyleus* (Drury), *Ascia monuste* (Linnaeus); parasitoids]

2004. See Rondón, S. I. & C. Vergara, 2004.

**Vergara, Rodrigo Antonio [1945-2017], and Carlos E. Mantilla**

1993. Consecuencias lamentables. *Notas y Noticias entomológicas* (Bogotá) 1993(1/2): 9-10 (January-February) [*Leptophobia aripa* (Boisduval); host plant; Colombia]

**Verhaagh, Manfred**

1986. Panguana. Wald und Wasser im tropischen Südamerika. *Führer zu Ausstellungen* (Karlsruhe) 8: 1-48, figs. [ecology; mimicry; Peru]

**Verhulst, Joseph T.**

1984. A propos de la découverte d'une nouvelle espèce et d'une nouvelle sous-espèce du genre *Colias* (Pieridae) au Pérou. *Bulletin. Cercle des Lépidoptéristes de Belgique* 13(3): 40-43, figs. [*C. verhulsti* Berger, *C. euxanthe coeneni* Berger]

1991. Fiches spécifiques des *Colias* F. (*Colias* data sheets) (Lepidoptera Pieridae). *Lambillionea* 91(1): 33-45, 4 pls. (31 March) [general]

1992. Addenda a la liste des espèces de *Colias* parue dans l'introduction des "*Colias* data sheets". *Lambillionea* 92(3): 245 (30 September) [*Colias mendozina* Breyer]

1994. Fiches spécifiques de *Colias* F. (*Colias* data sheets) (Lepidoptera, Pieridae). *Lambillionea* 94(2): 211-230, figs., maps. (June) [*C. flaveola* Blanchard, *C. mossi* Rothschild, *C. weberbaueri* Strand; Peru, Bolivia, Chile, Argentina]

1998. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae). Trente huitième fiche. *Lambillionea* 98(4)(3): 659-663, 26 figs., 1 map (December) [*C. verhulsti* Berger; Peru]

1999a. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae) - Trente-neuvième fiche. *Lambillionea* 99(1)(2): 142-145, 16 figs., 1 map. (March) [*C. dimera* Doubleday; Venezuela, Colombia,

Ecuador, Peru]

1999b. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae) - Trente cinquième fiche. *Lambillionea* 99(3)(2): 433-436, figs., 1 map. (September) [*C. ponteni* Wallengren; Chile]

2000. *Les Colias du Globe. Monograph of the genus Colias*. Keltern, Goecke & Evers. Texte, 263 pp., figs; Planches, pp. 265-308, 183 pls., figs. (August) [general]

2001. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae) - Quarante-huitième fiche. *Lambillionea* 101(4)(2): 617-620, 14 figs., 1 map (December) [*C. harfordii* Edwards; Mexico]

2003. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae). Cinquante-cinquième fiche. *Lambillionea* 103(1): 72-80, 18 figs. (March) [*C. philodice* Godart; Mexico]

2005. Les *Colias* du globe - Monograph of the genus *Colias* (Corrigenda - Errata - Addenda). *Lambillionea* 105(1): 175-178 (March) [general]

2006a. Fiches spécifiques des *Colias* Fabricius. (*Colias* data sheets) (Lepidoptera, Pieridae). Soixante cinquième fiche. *Lambillionea* 106(1): 35-42, 16 figs., 2 maps (March) [*Colias lesbia* (Fabricius)]

2006b. Fiches spécifiques des *Colias* Fabricius. (*Colias* data sheets) (Lepidoptera, Pieridae). Soixante huitième fiche. *Lambillionea* 106(3)(1): 407-414, 16 figs., 2 maps (September) [*Colias euxanthe* C. Felder & R. Felder; Ecuador, Peru, Bolivia]

2007. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae) - Septantième fiche. *Lambillionea* 107(1): 44-49, 12 figs., 2 maps (March) [*C. eurytheme* Boisduval; Mexico]

2008a. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae) - Septante-sixième fiche. *Lambillionea* 108(4)(1): 472-478, 13 figs., 1 map (December) [Chile, Argentina]

2008b. Voyage dans la cordillère des Andes en Argentine, en Bolivie et au Pérou à la recherche des *Colias*. *Bulletin. Cercle des Lépidoptéristes de Belgique* 37(4): 77-104, figs. [general]

2013. Discussion à propos des *Colias* Fabricius, 1807 néotropicaux (Lepidoptera, Pieridae, Coliadinae). *Lambillionea* 113(1): 37-52, figs. (April) [general; larvae; host plants; behavior; distribution]

2016. Description d'une nouvelle sous-espèce de *Colias flaveola* Blanchard, 1852 (Lepidoptera, Pieridae, Coliadinae). *Lambillionea* 116(2): 105-115, 20 figs. (June) [*C. flaveola benyamini*; unavailable name; Bolivia, Chile, Argentina]

2017. Erratum. *Lambillionea* 117(1): [1] (February) [*Colias flaveola benyamini* Verhulst]

2017b. See Hutsebaut, J. & J. Hutsebaut, 2017.

**Verhulst, Joseph T., and Jacques Hutsebaut**

2017. Notes sur un joyau volant, *Argyrophorus argenteus* Blanchard, 1852 (Lepidoptera, Nymphalidae, Satyrinae). *Lambillionea* 117(1): 27-35, 17 figs. (February) [host plant; behavior; distribution; Chile]

**Verissimo, Samuel**

1986. See Almeida, G. de S. S. de et al., 1986a.

**Verity, Ruggero [= Roger] [1883-1959]**

1930. Notes on the relationship between the Melitaeidi and particularly between those of the *athalia*, Rott., group. *Entomologists' Record and Journal of Variation* 42(3): 40-44, 1 tab. [*Phyciodes theona* (Ménétriés), *P. cyneas* Godman & Salvin; Central America]

1934. Spedizione Nello Beccari nella Guiana Britannica.

- Lepidotteri Gripoceri e Ropaloceri. *Memorie della Società entomologica italiana* 13(1): 77-87, 2 figs. (31 December) [general; new species: *Catonephele beccarii*; ecology]
- 1947-50. *Le farfalle diurne d'Italia*. Firenze, Marzocco, S.A. 3: xvi + 318 + [2] pp. (December 1947); pls. 20-37, X-XIV (1950) [new subgenus: *Neogeia*]
- Verjans, Gilbert**  
2016. L'élevage de *Morpho peleides* Kollar. *Bulletin. Cercle des Lépidoptéristes de Belgique* 45(2/3): 27-28, 12 figs.
- Verloren, Heinrich** [ ? -1887]  
1837. *Catalogus systematicus Lepidopterorum, quae in opere Cramerii descripta sunt, secundum methodum Latreillii. Secundum ordinem tabularum*. Utrecht, Johannes Altheer. 280 pp. (after 16 March) [also in *Annales Academiae Rheno-Traiectinae* 1836-1837] [general; new name, *Hesperia stollii*]
- Verloren, Margaretus Cornelius** [1816-1900]  
1861. [Mededeelingen over Engeland]. *Tijdschrift voor Entomologie* 4(1): 34-39. [*Pieris pyrrha* (Cramer), *P. pamelae* (Cramer), *Colias* (*Callidryas*) *trite* (Linnaeus)]
- Vernalha, Milton Miró**  
1949. See Vellozo, L. G. de C. et al., 1949.  
1953. See Vellozo, L. G. de C. et al., 1953.
- Vernalha, Milton Miró, Miguel Antonio Loyola da Rocha, Sileno Grillo Soares and José Carlos Gabardo**  
1966. Sobre as pragas que ocorrem em plantas cultivadas no Estado do Paraná. *Arquivos de Biologia e Tecnologia* (Curitiba) 12(4): 41-68. [general; host plants; Brazil]
- Verrill, Addison Emory** [1839-1927]  
1903. The Bermuda Islands: Their scenery, climate, productions, physiography, natural history, and geology; with sketches of their early history and the changes due to man. *Transactions of the Connecticut Academy of Arts and Sciences* 11(2): i-x, 413-956, pls. 65-104, 246 figs. (June) [general; behavior; mimicry]
- Verschuur, E. M.**  
1986a. See Ricci, F. M., 1986.  
1986b. See Celli, G. et al., 1986.
- Versuti, Danielle Roberta**  
2011. See Van Hooijdonk, E. et al., 2011.
- Vert, Alexey**  
2012. See Pris, A. D. et al., 2012.
- Vert, Germano** [ -1908]  
1898. Contra os inimigos. *A Lavoura* (Rio de Janeiro) (2)2(10): 101-102, 1 pl. [*Heliconius eucrate* (Hübner); life history; Brazil]
- Vértesy, Zofia**  
2005a. See Bálint, Z. et al., 2005a.  
2005b. See Bálint, Z. et al., 2005b.  
2006a. See Kertész, K. et al., 2006a.  
2006b. See Kertész, K. et al., 2006b.  
2006c. See Biró, L. P. et al., 2006.  
2007a. See Biró, L. P. et al., 2007a.  
2007b. See Biró, L. P. et al., 2007b.  
2007c. See Biró, L. P. et al., 2007c.  
2008a. See Kertész, K. et al., 2008.  
2008b. See Biró, L. P. et al., 2008.  
2009. See Márk, G. I. et al., 2009.  
2013. See Tamáska, I. et al., 2013.  
2014. See Kertész, K. et al., 2014.
- Vértesy, Zofia, Zsolt Bálint, Krisztián Kertész, Jean-Pol Vigneron, Virginie Lousse and László Péter Biró**  
2006. Wing scale microstructures and nanostructures in butterflies - natural photonic crystals. *Journal of Microscopy* 224(1): 108-110, 1 fig. (October) [general; Lycaenidae]
- Vertiatchikh, Alexei**  
2007. See Potyrailo, R. A. et al., 2007.
- Verweij, Pita A.**  
2019. See Jezeer, R. E. et al., 2019.
- Ves, Julio César**  
1980b. See Harcourt, D. G. et al., 1980.
- Vesco, Jean-Pierre, and Paul Sarosta**  
2001. *Butterflies and moths*. New York, Viking Studio. 184 pp., figs. [First French Ed., 2000] [general]
- Vester, Henricus F. M., Deborah Lawrence, J. Ronald Eastman, B. L. Turner II, Sophie Calmé, Rebecca Dickson, María del Carmen Pozo and Florencia Sangermano**  
2007. Land change in the southern Yucatán and Calakmul Biosphere Reserve: Effects on habitat and biodiversity. *Ecological Applications* 17(4): 989-1003, 7 figs., 4 tabs. (June) [general; Mexico]
- Veth, Huibert Johannes** [1846-1917]  
1914-17. *Lepidoptera, Schubvleugelingen*, pp. 449-450. In: Benjamins, H. D. & J. F. Snelleman (Eds.), *Encyclopaedie van Nederlandsch West-Indië*. 's Gravenhage, Martinus Nijhoff & Leiden, E. J. Brill. xi + 782 pp., 3 maps. [general]
- Vevers, Henry Gwynne** [1916-1988]  
1960. See Fox, H. M. & H. G. Vevers, 1960.
- Vey, Aidan J. M.**  
2017. See Wilts, B. D. et al., 2017.
- Viale, Emilio** [1921-1959]  
1945. Ensayo sobre la eficacia del insecticida "Gesarol" en el control de los daños en la col por *Pieris* sp. *Agronomía* (Lima) 10(43): 17-31, tabs. ("September", October) [Peru]
- Viana, Blandina Felipe**  
2013. See Rocha, P. L. B. da et al., 2013.  
2017. See Cambuí, E. C. B. et al., 2017.
- Viana, Carlos Henrique Pereira**  
1992. See Marques, O. M. et al., 1992.
- Viana, Manuel José** [1916-1997], and **Gregorio Julio Williner**  
1972. Evaluación de la fauna entomológica y aracnológica de las provincias cuyanas. Primera comunicación. *Acta científica (Entomología)* (Buenos Aires) 5: 1-29. [general; host plants; Argentina]  
1973. Evaluación de la fauna entomológica y aracnológica de las provincias cuyanas y centrales. Segunda comunicación. *Acta científica (Entomología)* (Buenos Aires) 7: 1-30. [general; host plants; Argentina]  
1974. Evaluación de la fauna entomológica y aracnológica de las provincias cuyanas y centrales de la República Argentina (Tercera comunicación). *Acta científica (Entomología)* (Buenos Aires) 9: 1-35 (12 July) [general]  
1978. Evaluación de la fauna entomológica y aracnológica de las provincias centrales y cuyanas (Cuarta comunicación). *Acta científica (Entomología)* (Buenos Aires) 11: 1-77 (18 May) [general; Argentina]  
1981. Evaluación de la fauna entomológica y aracnológica de las provincias centrales y cuyanas (Quinta comunicación). *Acta científica (Entomología)* (Buenos Aires) 15: 1-82 (15 June) [general; Argentina]
- Viana, Tania Maria Boucinha, and Ervandil Corrêa Costa**  
2001. Lepidópteros associados a duas comunidades florestais em Itaara, RS. *Ciência florestal* (Santa



- Maria) 11(1): 67-80, 4 figs., 5 tabs. [*Urbanus simplicius* (Stoll), *U. proteus* (Linnaeus); Brazil]
- Viana, Tiago Abreu**  
2010. See Santos, S. B. dos et al., 2010.
- Viard, Michel**  
1997. See Eid, A. & M. Viard, 1997.
- Vicente, Ana Carolina Paulo**  
2010. See Jardim, B. de C. et al., 2010.
- Vicente, Márcia Rocha**  
2017. See Sigrist, M. R. et al., 2017.
- Vicente-Silva, José**  
2012. See Danieli-Silva, A. et al., 2012.
- Vickerman, Danel**  
1995. See Brower, L. P. et al., 1995.
- Victoriano-Romero, Elizabeth**  
2015. See Orozco-Ibarrola, O. A. et al., 2015.
- Vidal, Benedicto de Campos**  
2011. Butterfly scale form birefringence related to photonics. *Micron* 42(8): 801-807, 9 figs. (December) [*Eryphanis reevesi* (Doubleday), *Morpho aega* (Hübner); morphology; Brazil]
- Vidal, Omar, José López-García and Eduardo Rendón**  
2014. Trends in deforestation and forest degradation after a decade of monitoring in the Monarch Butterfly Biosphere Reserve in Mexico. *Conservation Biology* 28(1): 177-186, 3 figs., 3 tabs. (February; published online 3 September 2013) [*Danaus plexippus* (Linnaeus)]
- Vidal, Omar, and Eduardo Rendón**  
2014. Dynamics and trends of overwintering colonies of the monarch butterfly in Mexico. *Biological Conservation* 180: 165-175, 4 figs., 3 tabs. (December; published online 27 October) [*Danaus plexippus* (Linnaeus)]
- Vidales, Alfredo**  
2015. See Céspedes, A. Á. et al., 2015.
- Viderman, Diane M.**  
1994. See McMullen, C. K. & D. M. Viderman, 1994.
- Vieira, Camila**  
2013. See Lima, V. O. et al., 2013.
- Vieira, Camila, and Gustavo Quevedo Romero**  
2013. Ecosystem engineers on plants: indirect facilitation of arthropod communities by leaf-rollers at different scales. *Ecology* 94(7): 1510-1518, 3 figs. (July) [*Anaea*; host plant; Brazil]
- Vieira, Fábio Roberto de Moraes**  
1993. See Martins-Neto, R. G. et al., 1993.
- Vieira, Francisco Valter, Astride de Andrade Pontes and José Higino Ribeiro dos Santos**  
1976. Ocorrência de pragas hortícolas em Fortaleza, Ceará, Brasil – Primeira lista. *Ciência agrônômica* (Fortaleza) 6(1/2): 99-103 (December) [*Ascia monuste orseis* (Godart); host plants]
- Vieira, Jaci Mendes**  
2017. See Querino, R. B. et al., 2017.
- Vieira, João Paulo**  
2013. See Guerreiro, J. C. et al., 2013.
- Vieira, José Travassos**  
1938. See Caldeira, E. da S. & J. T. Vieira, 1938.  
1943. Suplemento do "1o. Catalogo dos Insétoos que vivem nas Plantas" do Estado do Pará. *Boletim da Seção de Fomento agrícola no Estado do Pará* 2(2): 61-64 (July-December) [*Papilio thoas brasiliensis* Rothschild & Jordan, *Dione juno* (Cramer); host plants; Brazil]
- Vieira, Marcos Costa**  
2016. See Scherrer, S. et al., 2016.
- Vieira, Milene Faria**  
2012. See Cruz, K. C. et al., 2012.  
2013. See Fonseca, R. S. et al., 2013.  
2016. See Valentin-Silva, A. et al., 2016.
- Vieira, Solange Aparecida**  
1994. See Alves, S. B. et al., 1994.
- Vieira, Vilalba de Pinho**  
1974. See Cavalcante, R. D. et al., 1974.
- Viejo, José Luis**  
1994. Mitos y leyendas sobre las mariposas. *Quercus* 100: 56-57, 2 figs. (June) [general; ethnoentomology; Mexico, Colombia]  
2007. See Ramos, J. & J. L. Viejo, 2007.
- Viejo, José Luis, José Luis Nieves, Félix Manuel Fontal, Luis Romera, Javier Fernández and Consuelo Sánchez**  
2004. Contribución al conocimiento de las mariposas del Parque Nacional de Coiba, Panamá (Lepidoptera, Papilionoidea). *Boletín de la Real Sociedad española de Historia natural (Sección biológica)* 99(1/4): 93-104, 1 tab. (15 November) [general]
- Viejo, José Luis, José Luis Nieves, Félix Manuel Fontal and Consuelo Sánchez**  
1997. *Contribución al conocimiento de las mariposas de la Isla de Coiba, Panamá (Lepidoptera: Papilionidae, Pieridae et Nymphalidae)*, pp. 363-373, figs. In: Castroviejo, S. & M. Velayos (Eds.), *Flora y fauna del Parque Nacional de Coiba (Panamá). Inventario Preliminar*. Madrid, Agencia Española de Cooperación Internacional. [general]
- Viesca, Felipe Carlos, Verónica Daniela Barrera and Andrés José Antonio Juárez**  
2012. La recolección, venta y consumo de insectos en Toluca, México y sus alrededores. *Rosa dos Ventos* 4(2): 208-221 (June) [*Aegiale hesperiaris* (Walker)]
- Viesca, Felipe Carlos, and Alejandro Tonatihu Romero**  
2009. La entomofagia en México. Algunos aspectos culturales. *El Periplo sustentable. Turismo y Desarrollo* 16: 57-82, 2 tabs. (June) [general; ethnoentomology]
- Viette, Pierre Edmond Léon [1921-2011]**  
1956. Notes sur quelques types de Latreille. *Lambillionea* 56(11/12): 88-92 (25 December) [Hesperiidae; Brazil, West Indies]  
1958. Descriptions de nouvelles sous-espèces des genres *Callicore* et *Perisama* (Lep. Nymphalidae). *Bulletin mensuel de la Société Linnéenne de Lyon* 27(10): 293-296 (December) [*C. clymena colombiana*, *C. c. peruviana* aberration *discalis*, *C. marchalii septentrionalis*, *C. gabaza intermedia*, *P. euriclea marginepunctata*, *P. lucrezia unicolor*, *P. calamis ochracea*, *P. maronina meridionalis*, *P. bonplandii venezuelana*; Central and South America]  
[1960]a. Etat de nos connaissances sur les lépidoptères de la Guadeloupe et de la Martinique. *L'Entomologiste* 15(6): 168-174 ("December 1959", [1960]) [general]  
1960b. Note sur différents taxa du genre *Morpho* Fabricius (Lep. Nymphalidae Morphinae). *Lambillionea* 60(1/2): 11-14 (25 February) [types in Paris Museum; South America]  
1960c. See Rebillard, P. & P. E. L. Viette, 1960.  
1964. *Lépidoptères (Papillons)*, pp. 751-794, 24 figs. In: Grassé, P. P. & A. Téry (Eds.), *Zoologie 2 – Les Arthropodes*. In: *Encyclopédie de la Pléiade*. Paris, Gallimard. [general]  
1978. La collection de lépidoptères du Muséum national d'Histoire naturelle, Paris. *Nota lepidopterologica* 1(3): 129-134 (25 May) [Spanish translation in *Shilap* 7(26):

- 116-120 (10 July 1979), (27): 179-181 (10 October 1979)] [general]
1982. See Miller, L. D. & P. E. L. Viette, 1982.
- Vigevano, Alberto M.**  
1957. See Margheritis, A. E. & A. M. Vigevano, 1957.
- Vignerón, Jean-Pol**  
2006a. See Kertész, K. et al., 2006a.  
2006b. See Kertész, K. et al., 2006b.  
2006c. See Vértessy, Z. et al., 2006.  
2006d. See Biró, L. P. et al., 2006.  
2007a. See Biró, L. P. et al., 2007a.  
2007b. See Biró, L. P. et al., 2007b.  
2007c. See Welch, V. L. & J.-P. Vignerón, 2007.  
2007d. See Biró, L. P. et al., 2007c.  
2008. See Kertész, K. et al., 2008.  
2011a. See Biró, L. P. & J.-P. Vignerón, 2011.  
2011b. See Van Hooijdonk, E. et al., 2011.
- Vignerón, Jean-Pol, and Priscilla Simonis**  
2010. Structural colours. *Advances in Insect Physiology* 38: 181-218, 24 figs. [general; morphology]
- Vignerón, Jean-Pol, Priscilla Simonis, Annette Aiello, Annick Bay, Donald Montgomery Windsor, Jean-François Colomer and Marie Rassart**  
2010. Reverse color sequence in the diffraction of white light by the wing of the male butterfly *Pierella luna* (Nymphalidae: Satyrinae). *Physical Review (E)* 82(2)(021903): 1-8, 8 figs., 1 tab. (4 August) [behavior; Panama]
- Vihakas, Matti, Isrrael Gómez, Maarit Karonen, Petri Tähtinen, Ilari Sääksjärvi and Juha-Pekka Salminen**  
2015. Phenolic compounds and their fates in tropical lepidopteran larvae: Modifications in alkaline conditions. *Journal of chemical Ecology* 41(9): 822-836, 4 figs., 4 tabs. (September; published online 12 September) [*Panacea prola* (Doubleday), *Pyrrhopyge amyclas denticulata* Herrich-Schäffer; host plants; Peru]
- Vílchez, Sergio**  
2003. See Hernández, B. et al., 2003.
- Vila, Roger**  
2004. See Lamas, G. & R. Vila, 2004.  
2005. See Wahlberg, N. et al., 2005a.  
2006a. See Braby, M. F. et al., 2006.  
2006b. See Eastwood, R. & R. Vila, 2006.  
2007. See Braby, M. F. et al., 2007.  
2013a. See Talavera, G. et al., 2013.  
2013b. See Giraldo, C. E. et al., 2013.  
2014. See Marín, M. A. et al., 2014.  
2015. See Espeland, M. et al., 2015.  
2016a. See Talavera, G. et al., 2016.  
2016b. See Pierce, N. E. et al., 2016.  
2017. See Marín, M. A. et al., 2017a.  
2018a. See Espeland, M. et al., 2018.  
2018b. See Jasso, J. M. et al., 2018.  
2018c. See Schär, S. et al., 2018.  
2018d. See Guerra, J. F. et al., 2018.  
2019. See Toussaint, E. F. A. et al., 2019.
- Vila, Roger, Charles D. Bell, Richard Macniven, Benjamin Goldman-Huertas, Richard H. Ree, Charles R. Marshall, Zsolt Bálint, Kurt Duane Johnson, Dubi Benyamini and Naomi E. Pierce**  
2011. Phylogeny and palaeoecology of *Polyommatus* blue butterflies show Beringia was a climate-regulated gateway to the New World. *Proceedings of the royal Society of London (B)* 278(1719): 2737-2744, 3 figs. (22 September; published online 26 January) [general; Neotropics]
- Vila, Roger, and Rodney Eastwood**  
2006. Extrafloral nectar feeding by *Strymon jacqueline* Nicolay & Robbins, 2005 (Lepidoptera: Lycaenidae: Eumaeini). *Revista peruana de Biología* 13(1): 125-128, 3 figs. (October) [behavior; Peru]
- Vila, Víctor P.**  
1985. Principales plagas que atacan al frijol y otras leguminosas. *Informe especial. Estación experimental agropecuaria de Tulumayo (Tingo María)* 4: 1-24, figs. (October) [*Urbanus proteus* (Linnaeus); Peru]
- Vilardebo, Anselme** [ -2013]  
1966a. See Tourneur, J.-C. et al., 1966.  
1966b. See Tourneur, J.-C. & A. Vilardebo, 1966.  
1985. See Sanches, N. F. et al., 1985.
- Vílchez, M.**  
1999a. See Ramírez, R. et al., 1999.  
1999b. See Domínguez, O. E. et al., 1999.
- Vilela, Evaldo Ferreira**  
1978. See Zanuncio, J. C. et al., 1978.  
1979. See Zanuncio, J. C. et al., 1979.  
1994. See Botelho, A. C. B. et al., 1994.  
1996. See Zanetti, R. et al., 1996.  
2000. See Zanetti, R. et al., 2000.  
2012. See Tinôco, R. S. et al., 2012.
- Villa, Bernardo**  
1985. See Brower, L. P. et al., 1985.
- Villa, Francisco Antonio**  
2007. See García, J. F. A. et al., 2007.  
2010. See Ospina, L. A. et al., 2010.
- Villablanca, Francis X.**  
2015. See Oberhauser, K. S. et al., 2015a.
- Villacampa, Jaime**  
2016. See Whitworth, A. et al., 2016.  
2018. See Whitworth, A. et al., 2018b.
- Villachica, Hugo**  
1997. See Bello, S. et al., 1997.
- Villacide, José María**  
2002. See Botto, E. N. et al., 2002.
- Villada, Manuel María** [1841-1924]  
1865a. *Estudios sobre la fauna de Pachuca, Real del Monte, Mineral del Chico y Barranca Honda*, pp. 261-332, 1 pl. In: Almaraz, R., *Memoria de los trabajos efectuados por la Comisión Científica de Pachuca en el año de 1864*. México. 358 pp., pls., 2 maps. [general; host plants; larvae, pupae, imagines; Mexico]  
1865b. *Catálogo de la colección de insectos y algunos otros animales*, pp. 341-345. In: Almaraz, R., *Memoria de los trabajos...* México. 358 pp., pls., 2 maps. [general; Mexico]  
1876. [Noticia sobre el capullo del madroño]. *La Naturaleza* (México) 3(19): 369-370 (after 15 February) [*Eucheira socialis* Westwood; Mexico]
- Villagómez, Mario Alberto**  
2012. See Esparza, J. de J. & M. A. Villagómez, 2012.
- Villagra, Cristian Alfonso** [1977- ], **Álvaro Astudillo and Alejandro Urzúa**  
2014. Differences in arthropods found in flowers versus trapped in plant resins on *Haplopapus platylepis* Phil. (Asteraceae): Can the plant discriminate between pollinators and herbivores? *Arthropod-Plant Interactions* 8(5): 411-419, 2 figs., 1 tab. (October; published online 26 September) [*Tatochila mercedis* (Eschscholtz), *Auca delessei* Herrera; Chile]
- Villagrán, María Elvira**  
2004. See Pastrana, J. A. et al., 2004.

- Villagrán-Mella, Romina**  
2008. See Parra, L. E. & R. Villagrán-Mella, 2008.
- Villalba, Gastón S.**  
1934. See Sánchez, M. & G. S. Villalba, 1934.
- Villalba, Vladímir**  
2000. See Díaz, A. et al., 2000.
- Villalba-Carmona, Xiomara**  
2019. See Moreno-Mancilla, O. F. et al., 2019.
- Villalobos, Alfonso**  
2013. Nueva especie de mariposa (Lepidoptera: Nymphalidae: Satyrinae) para los Andes colombianos. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 17(1): 268-275, 5 figs., 1 tab. (June) [*Idioneurula socorro*]  
[2017]. See Salazar, J. A. & A. Villalobos, [2017].  
[2018]. See Salazar, J. A. & A. Villalobos, [2018].
- Villalobos, Alfonso, Juan Carlos Céspedes and Juan Carlos Agudelo**  
2012. Mariposas (Lepidoptera: Papilionidae) de dos colecciones de Santander, Colombia. *Revista colombiana de Entomología* 38(1): 167-170, 2 figs. (June) [general]
- Villalobos, Alfonso, and Inés Johanna Gómez**  
[2016]. Contribución a la distribución de las mariposas del género *Morpho* Fabricius, 1807 (Lepidoptera: Nymphalidae: Morphinae) en el nororiente del Departamento de Santander (Colombia) y estudio de su genitalia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 19(2): 281-289, 6 figs. ("December 2015"; [published online before 10 March 2016]) [*M. helenor peleides* Kollar, *M. sulkowskyi* Kollar]
- Villalobos-Leiva, Amado**  
2019. See Benítez, H. A. et al., 2019.
- Villalón, Jesús**  
1958. Una nueva plaga del aguacate en el Estado de Guanajuato. *Chapingo* 11(67/69): 29-33, 6 figs. (January-June) [*Pyrrhopyge chalybea* Scudder; egg, larva, pupa, imago; host plant; behavior; Mexico]
- Villamil, Jorge Hernando**  
1995. See Torres, R. et al., 1995.
- Villani, Hélio César, Alcebiades Ribeiro Campos and Santin Gravina**  
1980. Eficiência de *Bacillus thuringiensis* Berlinger e Fenitrothon + Fenvalerate no controle de lagarta do maracujá *Dione juno juno* (Cramer, 1779) (Lepidoptera, Heliconidae [sic]). *Anais da Sociedade entomológica do Brasil* 9(2): 255-260, 1 fig., 2 tabs. [Brazil]
- Villar, Pascual S.**  
2016. See Bermúdez, F. et al., 2016.
- Villarreal, Miguel F.**  
1973a. See Alsina, M. G. et al., 1973.  
1973b. See Pace, M. J. di et al., 1973.
- Villas Bôas, Geni Litvin**  
1981. See Gazzoni, D. et al., 1981.  
1982a. See Moscardi, F. & G. L. Villas Bôas, 1982.  
1982b. See Moscardi, F. et al., 1982.  
1983a. See Moscardi, F. & G. L. Villas Bôas, 1983a.  
1983b. See Moscardi, F. & G. L. Villas Bôas, 1983b.
- Villas Bôas, Geni Litvin, and Flávio Moscardi**  
1982. *Levantamento dos insetos-pragas do girassol e seus inimigos naturais*, pp. 23-24, 1 tab. In: *Resultados de Pesquisa de Girassol*. 1982. Londrina, Empresa Brasileira de Pesquisa Agropecuária (September) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
1985. *Levantamento dos insetos-pragas do girassol e seus inimigos naturais*, pp. 9-12, 2 tabs. In: *Resultados de Pesquisa de Girassol*. 1985. Londrina, Empresa Brasileira de Pesquisa Agropecuária (December) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Villas Bôas, Geni Litvin, Flávio Moscardi and Beatriz Spalding Corrêa Ferreira**  
1981. *Levantamento dos insetos-pragas do girassol e seus inimigos naturais*, pp. 15-18, 2 tabs. In: *Resultados de Pesquisa de Girassol*. 1981. Londrina, Empresa Brasileira de Pesquisa Agropecuária (September) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Villas Bôas, Geni Litvin, Flávio Moscardi and Nilce Yoshika Koga**  
1983. *Levantamento dos insetos-pragas do girassol e seus inimigos naturais*, pp. 16-21, tabs. 5-8. In: *Resultados de Pesquisa de Girassol*. 1983. Londrina, Empresa Brasileira de Pesquisa Agropecuária (August) [*Chlosyne lacinia saundersi* (Doubleday); host plant; Brazil]
- Villas-Boas, Isadora Maria, Miryam Paola Álvarez-Flores, Ana Marisa Chudzinski-Tavassi and Denise Vilarinho Tambourgi**  
2016. *Envenomation by caterpillars*, pp. 1-17, 3 figs., 1 tab. In: Gopalakrishnakone, P., S. Faiz, C. Gnanathanan, A. Habib, R. Fernando & C.-C. Yang (Eds.), *Clinical Toxicology*. Dordrecht, Springer. (published online 20 May; republished online 3 April 2018) [*Morpho*, *Hypolimnas misippus* (Linnaeus); Neotropics]
- Villaseñor, Rodrigo**  
1993. See Toro, H. et al., 1993.
- Villegas, Darío**  
[1993]. Más benéficos. *Notas y Noticias entomológicas* (Bogotá) 1992(11/12): 75 ("November-December 1992", [1993]) [*Opsiphanes cassina* C. Felder & R. Felder; parasitoid; Colombia]
- Villegas, Fernanda**  
2015. See Nájera, S. et al., 2015.
- Villet, Martin H.**  
2011. See Price, B. W. et al., 2011.
- Viloria, Ángel Luis [1968- ]**  
1990. Mariposas de Venezuela, by Theophile Raymond. 1982. *Journal of the Lepidopterists' Society* 44(1): 41 (5 June) [general; book review]  
[1991]. Los páramos de Perijá. *Natura* (Caracas) 93: 25-29, 6 figs. [general; host plants; Venezuela]  
1993a. Lista preliminar y comentarios sobre los Rhopalocera (Lepidoptera) de la Zona Protectora y Area Metropolitana de la ciudad de Maracaibo, Estado Zulia, Venezuela. *Anartia* (Maracaibo) 2: 1-19, 2 figs. (July) [general]  
1993b. Presencia de *Sarmientoia phaselis* (Hewitson, 1867) (Lepidoptera: Hesperidae) en dos cuevas del occidente de Venezuela. *Boletín de la Sociedad venezolana de Espeleología* 27: 24-25, 1 fig. (December)  
1994. High Andean Pronophilini from Venezuela: Two new species of *Diaphanos* (Nymphalidae: Satyrinae). *Journal of the Lepidopterists' Society* 48(3): 180-189, 8 figs. (17 August) [*D. fuscus*, *D. curvignathos*]  
1995a. Description of a new species of the genus *Pedaliodes* from the Cerro de La Neblina, Venezuela (Lepidoptera, Satyridae). *Atalanta* 25(3/4): 525-529, pl. 17a, fig. 2

- (15 February) [*P. demarmels*]
- 1995b. Nota bibliográfica. 25 mariposas de Caracas, por Bruno Manara. 1994. *Boletín de Entomología venezolana* (N.S.) 10(1): 125-126 (July) [general; book review]
- 1997a. Liquid excretion during puddling in *Tegosa anieta* (Nymphalidae: Melitaeinae). *News of the Lepidopterists' Society* 39(1): 6-7, 1 fig. (15 March) [Venezuela]
- 1997b. Andrew F. E. Neild. The Butterflies of Venezuela. Part 1: Nymphalidae I (Limenitidinae, Apaturinae, Charaxinae). 1996. *Shilap* 25(97): 52 (30 March) [general; book review]
1998. Un nuevo *Pedaliodes* Butler, 1867 de la Serranía de Tapirapecó, Venezuela (Lepidoptera: Nymphalidae, Satyrinae, Pronophilini). *Shilap* 26(101): 13-18, 2 figs. (30 March) [*P. chaconi*]
- 1999a. See Pyrcz, T. W. & A. L. Viloría, 1999a.
- 1999b. See Pyrcz, T. W. & A. L. Viloría, 1999b.
2000. *Estado actual del conocimiento taxonómico de las mariposas (Lepidoptera: Rhopalocera) de Venezuela*, pp. 261-274, 4 tabs. In: Martín-Piera, F., J. J. Morrone & A. Melic (Eds.), *Hacia un Proyecto CYTED para el Inventario y Estimación de la Diversidad Entomológica en Iberoamérica: PRIBES 2000*. Zaragoza, Sociedad Entomológica Aragonesa. [general]
- 2002a. *Limitaciones que ofrecen distintas interpretaciones taxonómicas y biogeográficas al inventario de lepidópteros hiperdiversos de las montañas neotropicales y sus posibles aplicaciones*, pp. 173-190, 11 figs., 6 tabs. In: Costa, C., S. A. Vanin, J. M. Lobo & A. Melic (Eds.), *Proyecto de Red Iberoamericana de Biogeografía y Entomología Sistemática. PRIBES 2002. Vol. 2*. Zaragoza, Sociedad Entomológica Aragonesa (July) [general; Satyrinae; Central and South America]
- 2002b. *Episodios en la naturaleza limítrofe*. Maracaibo, Universidad Católica Cecilio Acosta; Cali, Imágenes de la Naturaleza. 220 pp., figs. [general; evolution; biogeography; Venezuela]
- 2003a. *Historical biogeography and the origins of the satyrine butterflies of the tropical Andes (Lepidoptera: Rhopalocera)*, pp. 247-261, 5 figs., 1 tab. In: Morrone, J. J. & J. E. Llorente (Eds.), *Una perspectiva latinoamericana de la Biogeografía*. México, Universidad nacional autónoma de México (January) [general]
- 2003b. Carlos García-Robledo; Luis Miguel Constantino; María Dolores Heredia & Gustavo Kattan. Guía de campo. Mariposas comunes de la Cordillera Central de Colombia. 2002. *Shilap* 31(121): 48, 1 fig. (30 March) [book review]
- 2003c. J. F. Le Crom; L. M. Constantino & J. A. Salazar. Mariposas de Colombia. Tomo I: Papilionidae. 2002. *Shilap* 32(121): 92, 1 fig. (30 March) [book review]
- 2004a. See Heredia, M. D. & A. L. Viloría, 2004.
- 2004b. See Lamas, G. et al., 2004.
- 2004c. See Lamas, G. & A. L. Viloría, 2004a.
- 2004d. See Lamas, G. & A. L. Viloría, 2004b.
- 2004e. See Lamas, G. & A. L. Viloría, 2004c.
- 2004f. See Miller, J. Y. et al., 2004.
- 2004g. Visión crítica de la teoría del mimetismo en la obra de León Croizat. *Croizatia* 5(1/2): 9-17, 2 figs. (December) [general]
- [2004]h. See Ferrer-Paris, J. R. & Á. L. Viloría, [2004].
2005. *Las mariposas (Lepidoptera: Papilionoidea) y la regionalización biogeográfica de Venezuela*, pp. 441-459, 2 figs., 1 tab. In: Llorente, J. E. & J. J. Morrone (Eds.), *Regionalización biogeográfica en Iberoamérica y tópicos afines. Primeras Jornadas Biogeográficas de la Red Iberoamericana de Biogeografía y Entomología Sistemática (RIBES XII.I-CYTED)*. México, D.F., Universidad Nacional Autónoma de México (April) [general]
- 2006a. See Pyrcz, T. W. et al., 2006.
- 2006b. See Pyrcz, T. W. & A. L. Viloría, 2006a.
- 2006c. See Pyrcz, T. W. & A. L. Viloría, 2006b.
- 2007a. The Pronophilina: Synopsis of their biology and systematics (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 15(1/2): 1-17, frontisp., 25 figs., 1 tab. (30 May) [general; Central and South America]
- 2007b. See Pyrcz, T. W. & A. L. Viloría, 2007.
- 2007c. Some Gondwanan and Laurasian elements in the satyrine fauna of South America (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 15(1/2): 53-55 (30 May) [general]
- 2007d. The Brazilian genus *Foetterleia*, and its systematics (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 15(1/2): 56-58, 3 figs. (30 May)
- 2008a. See Beccaloni, G. W. et al., 2008.
- 2008b. See Pyrcz, T. W. et al., 2008a.
- 2008c. See Pyrcz, T. W. et al., 2008b.
- 2008d. See Pyrcz, T. W. et al., 2008c.
- 2008e. See Pyrcz, T. W. et al., 2008d.
- 2008f. See Pyrcz, T. W. et al., 2008e.
- 2008g. See Pyrcz, T. W. et al., 2008f.
- 2009a. See Pyrcz, T. W. & A. L. Viloría, 2009.
- 2009b. See Pyrcz, T. W. et al., 2009a.
2010. See Pyrcz, T. W. et al., 2010.
- 2011a. See Pyrcz, T. W. et al., [2011]a.
- 2011b. See Pyrcz, T. W. et al., 2011c.
2012. See Pyrcz, T. W. & A. L. Viloría, 2012.
- 2013a. See Ferrer-Paris, J. R. et al., 2013b.
- 2013b. See Pyrcz, T. W. et al., 2013c.
- 2013c. Mariposas y regiones naturales: Una aproximación a la biogeografía venezolana. *Entomotropica* 28(2): 108 (August) [abstract]
- [2014]a. See Costa, M. et al., [2014]a.
- 2014b. See Costa, M. et al., 2014b.
- 2016a. Ackery, Phillip R. 2012. Butterflies & other insects. My enduring impressions. *Anartia* (Maracaibo) 26: 153-161, 1 fig. (after 10 March) [general; book review]
- 2016b. See Costa, M. et al., 2016.
2017. See Costa, M. et al., 2017.
- 2018a. El basilisco, Harold Molero y la región carbonífera del Guasare. *Anartia* (Maracaibo) 27: 7-22 (August) [*Papilio vanillae* Linnaeus]
- 2018b. Gernaat H. B. P. E., B. G. Beckles & T. van Andel. 2012. *Butterflies of Suriname. A natural history*. *Anartia* (Maracaibo) 27: 75-77, 1 fig. (August) [general; book review]
- 2018c. See Losada, M. E. et al., 2018.
- 2018d. See Costa, M. et al., 2018.
- 2019a. See Costa, M. et al., 2019a.
- 2019b. See Andrade, M. G. et al., 2019.
- 2019c. See Benmesbah, M. et al., 2019.
- 2019d. See Costa, M. et al., 2019b.
- 2019e. See Costa, M. et al., 2019c.
- Viloría, Angel Luis, Michael Jan Adams, Tomasz Wilhelm Pyrcz and Francisco de Asís Romero**
2001. Noticia histórica sobre satiridos venezolanos coleccionados por Karl Moritz (1797-1866) y discusión de su identidad taxonómica y la distribución de *Pedaliodes pisonia* (Hewitson, 1862) (Lepidoptera: Nymphalidae,

- Satyrinae). *Shilap* 29(113): 31-42, 6 figs. (30 March) [Venezuela]
- Viloria, Ángel Luis, and Jesús Camacho**  
1999. Three new pronophiline butterflies from the Serranía del Turimiquire, eastern Venezuela, and type designation for *Corades enyo enyo* (Lepidoptera, Nymphalidae). *Fragmenta entomologica* 31(1): 173-188, 12 figs. (30 September) [*Lymanopoda orientalis*, *Pedaliodes croizatorum*, *Pronophila cuchillaensis*]
- Viloria, Ángel Luis, and Mauro Costa**  
2019. *Butterflies*, pp. 193-222, 5 figs. In: Rull, V., T. Vegas-Vilarrúbia, O. Huber & C. Señaris (Eds.), *Biodiversity of Pantepui. The pristine "lost world" of the Neotropical Guiana highlands*. London, Academic Press. (1 July; published online 12 June) [general; Venezuela, Guyana, Brazil]
- Viloria, Ángel Luis, José Rafael Ferrer-Paris, Jesús Camacho and Mauro Costa**  
2015. New satyrine butterflies from the Venezuelan Andes (Lepidoptera: Nymphalidae). *Anartia* (Maracaibo) 25: 95-160, 58 figs. (after 5 June) [*Redonda castellana*, *R. centenaria*, *R. chiquinquirana*, *R. frailejona*, *R. lathraia*, *R. leukasmena*, *R. lossadana*; biogeography]
- Viloria, Ángel Luis, Francisco Herrera and Carlos Galán**  
1992. Resultados preliminares del estudio del material biológico colectado en Mesa Turik y cuenca del Río Socuy. *Boletín de la Sociedad venezolana de Espeleología* 26: 7-9 [also in *Karaitza* 1: 29-30; 1992] [general; Venezuela]
- Viloria, Ángel Luis, and Moisés Armando Luis**  
2019. *Llorenteana*, a new butterfly genus from the American continent (Lepidoptera: Nymphalidae: Satyrinae). *Dugesiana* 26(2): 167-172, 3 figs. (25 July) [Mexico]
- Viloria, Ángel Luis, Lee Denmark Miller and Jacqueline Yvonne Miller**  
2003. *Pedaliodes pheretias* (Hewitson) form *griseldis* Weymer (Nymphalidae: Satyrinae): its identity and availability, with description of a new species. *Journal of the Lepidopterists' Society* 57(1): 62-67, 8 figs. (9 May) [*P. gustavi*; Colombia, Ecuador]
- Viloria, Ángel Luis, Lee Denmark Miller, Jacqueline Yvonne Miller and Tomasz Wilhelm Pyrcz**  
2008. Reassessment of *Parapedaliodes* Forster and *Neopedaliodes* Viloria, L. D. Miller & J. Y. Miller, with descriptions of new taxa (Nymphalidae: Satyrinae). *Bulletin of the Allyn Museum* 151: 1-43, 55 figs., 1 tab. (9 May) [*N. lafebreae*, *N. michaeli*, *N. m. citrica*, *N. m. innupta*, *N. juba jubilosa*, *N. margaretha allyni*, *N. nora stepheni*, *N. proculeja malaga*; taxonomy; distribution; Colombia, Ecuador, Peru]
- Viloria, Ángel Luis, and Tomasz Wilhelm Pyrcz**  
1994. A new genus, *Protopedaliodes* and a new species, *Protopedaliodes kukenani* from the Pantepui, Venezuela (Lepidoptera, Nymphalidae, Satyrinae). *Lambillionea* 94(3): 345-352, 5 figs. (September)  
1995. Notes on *Pedaliodes roraimae* Strand, a little known satyrid from South-Eastern Venezuela (Lepidoptera: Nymphalidae: Satyrinae). *Lambillionea* 95(4)(2): 584-586, 5 figs. (December)  
2000. New pronophiline butterflies from the Venezuelan tepuyes (Nymphalidae: Satyrinae). *Journal of the Lepidopterists' Society* 53(3): 90-98, 11 figs. (16 June) [*Protopedaliodes ridouti*, *P. profauna*, *Pedaliodes terramaris*, *P. yutajeana*]  
2001. Revalidación y revisión de *Steromapedaliodes* Forster, con descripción de dos especies nuevas (Lepidoptera: Nymphalidae, Satyrinae). *Anartia* 15: 1-22, 13 figs. (April) [*S. sanchezi*, *S. schuberti*; Venezuela]
- Viloria, Ángel Luis, Tomasz Wilhelm Pyrcz and Andrés Miguel Orellana**  
2010. A survey of the Neotropical montane butterflies of the subtribe Pronophilina (Lepidoptera, Nymphalidae) in the Venezuelan Cordillera de la Costa. *Zootaxa* 2622: 1-41, 64 figs. (23 September) [general; new taxa: *Corades medeba pittieri*, *Eretris neocycla*, *Pedaliodes piletha costae*, *P. manis ivica*]
- Viloria, Ángel Luis, Tomasz Wilhelm Pyrcz, Janusz Wojtusiak, José Rafael Ferrer-Paris, George William Beccaloni, Klaus Sattler and David C. Lees**  
2003. A brachypterous butterfly? *Proceedings of the royal Society of London (B) (Supplement) Biology Letters* 270(S1): 21-24, 4 figs. (7 August; published online 22 May) [new species: *Redonda bordoni*; morphology; behavior; Venezuela]
- Viloria, Ángel Luis, Andrew David Warren and George Traut Austin**  
2008. A spectacular new *Dalla* Mabille, 1904 from Venezuela-Colombia (Hesperiidae: Heteropterinae). *Bulletin of the Allyn Museum* 156: 1-12, 12 figs. (1 July) [*D. superargentea*]
- Vincens, Pierre**  
2001. *Lampides boeticus* Linné, 1767, espèce présente dans le Nouveau Monde? (Lepidoptera Lycaenidae). *Alexanor* 21(4): 203-205, 2 figs. (15 September) [Martinique]
- Vincent, Levinus** [1658-1727]  
1719. *Elenchus tabularum, pinacothecarum, atque nonnullorum cimeliorum, in gazophylacio. Description abregée des planches, qui representent les cabinets et quelques-unes des curiosités contenues dans le theatre des merveilles de la nature*. Haarlem, Author. [24] + 52 pp., frontisp., [1] + 7 pls. [general]
- Vingerhoedt, Eric**  
2009. See Aduse-Poku, K. et al., 2009.
- Vinson, S. Bradleigh**  
2004. See Frankie, G. W. et al., 2004.  
2016. See Hernández-Baz, F. et al., 2016b.
- Viñuela, Elisa**  
2005. See Araya, J. E. et al., 2005a.
- Virginio, Rezula Bonfim**  
1969. See Oliveira, A. A. de & R. B. Virginio, 1969.
- Vitale, Fabio**  
1999a. See Bollino, M. & F. Vitale, 1999a.  
1999b. See Bollino, M. & F. Vitale, 1999b.  
2000. See Bollino, M. & F. Vitale, 2000.  
2002a. See Bollino, M. & F. Vitale, 2002a.  
2002b. See Bollino, M. & F. Vitale, 2002b.  
2002c. See Bollino, M. et al., 2002.  
2003a. See Bollino, M. et al., 2003.  
2003b. See Bollino, M. & F. Vitale, 2003.  
2004a. See Bollino, M. & F. Vitale, 2004a.  
2004b. See Bollino, M. & F. Vitale, 2004b.  
2008. See Willmott, K. R. & F. Vitale, 2008.
- Vitale, Fabio, and Maurizio Bollino**  
1999a. *Patricia dercyllidas* (Hewitson, 1864) in Ecuador: Note corologica e descrizione di due nuovi taxa (Lepidoptera: Ithomiidae). *Lambillionea* 99(1)(2): 117-121, 3 pls. (March) [*P. d. aldazorum*, *P. d. onorei*]  
1999b. Errata. *Lambillionea* 99(2)(2): 257, 4 figs. (June) [*Patricia dercyllidas aldazorum* Vitale & Bollino, *P. d. onorei* Vitale & Bollino; Ecuador]  
2000a. Ithomiidae dell'Ecuador, secondo contributo. Su alcune

- specie del genere *Hyalyris* Boisduval, 1870, con descrizione di nuovi taxa (Lepidoptera: Ithomiidae). *Lambillionea* 100(1)(2): 164-172, 2 pls., 3 tabs. (March) [*H. cana amarilla*, *H. c. macasana*, *H. achuar*, *H. a. sabanillana*]
- 2000b. Ithomiidae dell'Ecuador, terzo contributo. Il genere *Ithomia* Hübner, 1816. Descrizione di quattro nuove sottospecie (Lepidoptera: Ithomiidae). *Lambillionea* 100(3)(1): 343-358, 6 pls., 1 tab., 5 maps (September) [*I. adelinda rachelii*, *I. avella salazari*, *I. terra jasiniskii*, *I. jucunda lamasii*]
- 2001a. Descrizione di due nuove sottospecie di *Napeogenes cranto* Felder & Felder, 1865 (Lepidoptera: Ithomiidae). *Lambillionea* 101(3)(1): 391-394, 3 figs. (September) [*N. c. browni*, *N. c. marilena*; Colombia, Ecuador]
- 2001b. Note sul genere *Hypomenitis* Fox, 1945, elementi di determinazione e descrizione di nuovi taxa. (Lepidoptera: Ithomiidae). *Lambillionea* 101(4)(1): 551-557, 3 pls. (December) [*H. polissena colombiana*, *H. lojana*, *H. theudelina bonita*, *H. pyrczi*; Colombia, Ecuador, Peru]
- 2001c. Due nuove *Hyposcada* Godman & Salvin, 1879 dell'Ecuador. (Lepidoptera: Ithomiidae). *Lambillionea* 101(4)(1): 558-560, 1 pl. (December) [*H. lactea*, *H. illinissa napoensis*; Peru]
- 2003a. Una nuova specie del genere *Ithomia* Hübner, 1816 nel nord Perù. (Lepidoptera: Ithomiidae). *Lambillionea* 103(2)(2): 273-277, 3 pls. (June) [*I. praeithomia*]
- 2003b. Una nuova sottospecie del genere *Velamysta* Haensch, 1909 dal nord Ecuador. (Lepidoptera: Ithomiidae). *Lambillionea* 103(2)(2): 325-326, 1 pl. (June) [*V. pupilla greeneyi*]
- Vitale, Fabio, and Luis Miguel Constantino**  
2012. Taxonomic notes on *Napeogenes* Bates, 1862 from Colombia and Panama, with descriptions of four new subspecies (Lepidoptera: Nymphalidae: Ithomiini). *Genus* 23(3): 429-439, 20 figs., 2 maps (15 October) [*N. stella caucaensis*, *N. s. delgadoi*, *N. peridia willmotti*, *N. tolosa panamensis*; Costa Rica, Ecuador]
- Vitale, Fabio, and Gabriel Rodriguez**  
2004. Nuevos Ithomiinae de Colombia y Ecuador (Lepidoptera: Nymphalidae). *Lambillionea* 104(1)(1): 86-91, 1 pl. (March) [*Tithorea tarricina lecromi*, *Godyris zavaleta rosata*, *G. z. baudoensis*]
2008. New Ithomiinae from Colombia (Lepidoptera: Nymphalidae). *Genus* 19(3): 577-584, 2 pls. (30 October) [*Aeria elara nigra*, *Hypoleria ocalea nigromarginata*]
- Vitali, Maria de Jesus, João Cloves Stanzani Dutra and Vera Lígia Letizio Machado**  
1995. Entomofauna visitante de *Belamcanda chinensis* (L.)DC (Iridaceae) durante o período de floração. *Revista brasileira de Zoologia* 12(2): 239-250, 7 figs., 3 tabs. (16 October) [*Ascia monuste orseis* (Godart), Hesperidae, Papilionidae; Brazil]
1999. Visitantes florais de *Lagerstroemia speciosa* (Pers.) (Lythraceae). *Revista brasileira de Zoologia* 16(2): 397-407, 7 figs., 3 tabs. (30 June) [*Methona themisto* (Hübner), Hesperidae; Brazil]
- Vitali, Maria de Jesus, and Vera Lígia Letizio Machado**  
1995. Entomofauna visitante das flores de *Tabebuia chryso-tricha* (Mart.)Standl (Bignoniaceae). *Anais da Sociedade entomológica do Brasil* 24(1): 77-88, 6 figs., 3 tabs. (April) [Hesperidae, Lycaenidae; Brazil]
2000. Visitantes florais de *Erythrina speciosa* Andr. (Leguminosae). *Revista brasileira de Zoologia* 17(2): 369-383, 3 figs., 6 tabs. (30 June) [Hesperidae, Danainae, Lycaenidae; Brazil]
2001. Entomofauna visitante de *Gleditschia triacanthos* L. - Leguminosae durante o seu período de floração. *Bioikos* (Campinas) 15(1): 29-38, 4 figs., 3 tabs. [general; pollination; Brazil]
- Vitalino, Raphael Fraga**  
2008. See Silva, A. R. M. et al., 2008.  
2010. See Silva, A. R. M. et al., 2010.  
2013. See Silva, A. R. M. et al., 2013.
- Viveros, Paula Andrea**  
2007. See Ospina, N. H. et al., 2007.
- Viveros, Pedro**  
1991. See Pozo, M. del C. et al., 1991.
- Vives, Antonio**  
1992a. J. Vélez & J. Salzar [sic]. Mariposas de Colombia. *Shilap* 20(78): 140 (30 June) [general; book review]
- 1992b. C. R. Beutelspacher. Las mariposas entre los antiguos mexicanos. *Shilap* 20(78): 188 (30 June) [general; book review]
1995. D. Spencer Smith, L. D. Miller & J. Y. Miller. The butterflies of the West Indies and South Florida. 1994. *Shilap* 23(89): 78 (30 March) [general; book review]
2004. K. R. Willmott. The genus *Adelpha*: Its systematics, biology and biogeography. 2003. *Shilap* 32(127): 262 (30 September) [book review]
2005. G. Lamas. Atlas of Neotropical Lepidoptera. Checklist: Part 4A. Hesperioidea - Papilionoidea. *Shilap* 33(131): 326 (30 September) [book review]
2010. Andrew F. E. Neild. The Butterflies of Venezuela. Part 2: Nymphalidae II. 2008. *Shilap* 38(151): 340, 1 fig. (30 September) [book review]
2015. M. G. Bentancur Viglione. Mariposas de Uruguay, Argentina, Brasil y Paraguay. 2011. *Shilap* 43(170): 240, 1 fig. (30 June) [general; book review]
2019. Martin Lödl, Sabine Gaal-Haszler, Zoltán Varga, Gyula M. László, Gábor Ronkay & László Ronkay. 2015. Fibigeriana Book series of Lepidopterology, volume 3. *Shilap* 47(186): 284, 1 fig. (30 June) [general; Neotropics; book review]
- Vives, María**  
2019. See Hill, J. A. et al., 2019.
- Voegelé, Jean and Jean-Georges Pointel**  
1980. Une nouvelle espèce de trichogramme, *Trichogramma maxacalii* (Hym., Trichogrammatidae). *Annales de la Société entomologique de France* (N.S.) 16(4): 599-603, 2 figs. (31 December) [*Euselasia euploea eucerus* (Hewitson); parasitoid; Brazil]
- Vogel, Heiko**  
2007. See Wheat, C. W. et al., 2007.  
2008. See Fischer, H. M. et al., 2008.  
2010. See Ferguson, L. et al., 2010.  
2012. See Dasmahapatra, K. K. et al., 2012.  
2015. See Edger, P. P. et al., 2015.  
2018. See Zagobelny, M. et al., 2018.  
2019. See Hill, J. A. et al., 2019.
- Vogeler, Bernhard**  
1935. Brasilianische neue Tagfalter. *Entomologische Zeitschrift* 49(4): 26-27, 6 figs. (22 May) [*Papilio kumbachi*, *Callicore flava*, *C. extrema*]
- Vogt, Richard G., Ewald Grosse-Wilde and Jing-Jiang Zhou**  
2015. The Lepidoptera Odorant Binding Protein gene family: Gene gain and loss within the GOBP/PBP complex of moths and butterflies. *Insect Biochemistry and Molecular Biology* 62(S1): 142-153, 5 figs., 2 tabs. (July; published online 14 March) [*Danaus plexippus*

- (Linnaeus), *Heliconius melpomene* (Linnaeus)]
- Voigt, Friedrich Sigmund** [1781-1850]  
1839. *Zehnte Ordnung der Insekten. Lepidoptera, Schmetterlinge. Glossata Fabr.*, pp. 523-573. In: Cuvier, G., *Das Thierreich, geomet nach seiner Organisation. Als Grundlage des Naturgeschichte der Thiere und Einleitung in die vergleichende Anatomie.* Leipzig, F. A. Brockhaus. 5. [Ed. 2] [general]
- Volkman, Luis Rafael** [1968- ]  
2011. See Núñez, E. O. & L. R. Volkman, 2011.  
2013. See Núñez, E. O. & L. R. Volkman, 2013.  
2017. See Kaminski, L. A. et al., 2017.
- Volkman, Luis Rafael, and Lucas Augusto Kaminski**  
2015. Intercambios cooperativos en la naturaleza. Orugas de mariposas & hormigas. Maravillas de la evolución. *Revista de Educación y Ambiente* (Córdoba) 1(1): 1-7, figs. (July) [*Aricoris*; host plant; behavior; mutualism; Argentina]
- Volkman, Luis Rafael, and Ezequiel Osvaldo Núñez**  
2010. *Mariposas serranas de Argentina central. Tomo I. Papilionidae, Pieridae, Lycaenidae, Riodinidae.* Córdoba, Huerta Grande, Equipo Gráfico. 140 pp., figs. (May) [general; behavior; life histories; host plants; distribution]  
2013. *Mariposas serranas de Argentina central. Tomo II. Nymphalidae y Hesperidae.* Córdoba, Huerta Grande, Equipo Gráfico. 192 pp., figs. (September) [general; behavior; life histories; host plants; distribution]  
2015a. Observaciones sobre la biología de *Thereus pseudarcula* (Giacomelli, 1914) (Lepidoptera: Lycaenidae: Theclinae). *Historia natural* (Buenos Aires) (3)4(2): 113-121, 14 figs. ("2014", [August] 2015) [egg, larva, pupa, adult; host plant; behavior; distribution; Argentina, Uruguay]  
2015b. Aportes al conocimiento de la distribución y biología de *Hesperocharis infrassignata* Breyer, 1939 (Lepidoptera: Pieridae: Pierinae), una mariposa endémica del centro de Argentina. *Historia natural* (Buenos Aires) (3)5(2): 95-106, 15 figs. ([December]) [egg, larva, pupa, imago; host plant]
- Volkman, Luis Rafael, Ezequiel Osvaldo Núñez and Germán Muriziasco**  
2017. Nuevos registros de mariposas diurnas (Lepidoptera: Papilionoidea) en el área central de Argentina. Interpretación de patrones de distribución de su diversidad. *Historia natural* (Buenos Aires) (3)7(2): 77-91, 16 figs. (29 December) [general; host plants]
- Vollmann, Walter**  
1960. Ein *Morpho nestira* mit drei Fühlern. *Entomologische Zeitschrift* 70(14): 159-160, 1 fig. (15 July) [Brazil]
- Voltolini, Júlio Cesar**  
2018. See Santos, J. P. dos et al., 2018.  
2019. See Santos, J. P. dos et al., 2019.
- Voorhies, Kristen J.**  
2019. See Nail, K. R. et al., 2019.
- Vose, Michael D.**  
2009. See Duénez-Guzmán, E. A. et al., 2009.
- Voss, Edward Groesbeck** [1929-2012]  
1952. On the classification of the Hesperidae. *Annals of the entomological Society of America* 45(2): 246-258, 25 figs. ("June", [9 July]) [general]
- Vráz, Enrique Stanko** [1860-1932]  
1900. *Na Příklad Rovníkovou Amerikou. Cestopisné Črty.* Praha, Nakladatelé Bursík & Kohout. xv + 940 + 86 pp., 38 pls., figs., maps. [in Czech] [abridged Ed. 2, 1929; abridged Ed. 3, 1984; Spanish abridged translation, 1992] [general; Venezuela, Brazil, Peru, Colombia, Panama, Trinidad]
- Vuillaume, Monique, Michèle Choussy and Michel Barbier**  
1970. Pigments tétrapyrroliques verts et bleus des ailes des lépidoptères. Ptérobiline et neoptérobilines. *Bulletin de la Société zoologique de France* 95(1): 19-28, 3 tabs. (November) [general; biochemistry]
- Vuillot, Paul** [1863-1916]  
1890-95. See Mabile, P. & P. Vuillot, 1890-1895.
- Vukusic, Peter**  
2002. See Lawrence, C. R. et al., 2002.  
2006. Structural colour in Lepidoptera. *Current Biology* 16(16): R621-R623, 1 fig. (22 August) [*Morpho*]  
2007. The photonics of insects. *Antenna* 31(1): 25-31, 8 figs. (January) [general; morphology]  
2009a. See Shawkey, M. D. et al., 2009.  
2009b. *Advanced photonic systems on the wing-scales of Lepidoptera*, pp. 237-258, 18 figs. In: Gorb, S. N. (Ed.), *Functional surfaces in Biology. Little structures with big effects.* Dordrecht, Springer. Vol. 1. [general; morphology]  
2012. See Pouya, C. & P. Vukusic, 2012.  
2013. See Potyrailo, R. A. et al., 2013.  
2018. See Parnell, A. J. et al., 2018.
- Vukusic, Peter, Robert Kelly and Ian Hooper**  
2009. A biological sub-micron thickness optical broadband reflector characterized using both light and microwaves. *Journal of the royal Society of London Interface* 6(supplement 2): S193-S201, 7 figs. (6 April; published online 28 November 2008) [*Argyrophorus argenteus* (Blanchard); morphology]
- Vukusic, Peter, and John Roy Sambles**  
2000. Colour effects in bright butterflies. *Journal of the Society of Dyers and Colourists* 116(12): 376-380, 4 figs. (December) [*Morpho rhetenor* (Cramer), *M. didius* Hopffer; morphology]  
2001. Shedding light on butterfly wings. *Proceedings of SPIE* 4438: 85-95, 16 figs. (December) [*Morpho rhetenor* (Cramer), *M. didius* Hopffer, *Ancyluris meliboeus* (Fabricius), *Parides sesostris* (Cramer); morphology]  
2003. Photonic structures in biology. *Nature* (London) 424(6950): 852-855, 7 figs. (14 August) [*Morpho rhetenor* (Cramer); morphology]
- Vukusic, Peter, John Roy Sambles and Helen T. Ghiradella**  
2000. Optical classification of microstructure in butterfly wing-scales. *Photonics Science News* 6: 61-66, 5 figs. [general; morphology]
- Vukusic, Peter, John Roy Sambles, Chris R. Lawrence and Robin Jeremy Wootton**  
1999. Quantified interference and diffraction in single *Morpho* butterfly scales. *Proceedings of the royal Society of London* (B) 266(1427): 1403-1411, 6 figs. (22 July) [*M. rhetenor* (Cramer), *M. didius* Hopffer]  
2001. Now you see it - now you don't. *Nature* (London) 410(6824): 36, 1 fig. (1 March) [*Ancyluris meliboeus* (Fabricius); coloration]  
2002. Limited-view iridescence in the butterfly *Ancyluris meliboeus*. *Proceedings of the royal Society of London* (B) 269(1486): 7-14, 9 figs. (7 January) [morphology]
- Vukusic, Peter, and Doekele G. Stavenga**  
2009. Physical methods for investigating structural colours in biological systems. *Journal of the royal Society of London Interface* 6(supplement 2): 133-148, 11 figs., 1 tab. (6 April; published online 21 January) [general; morphology]
- Vúletin, Alberto**

1960. *Zoonimia andina* (*Nomenclador zoológico*). Santiago del Estero, Universidad Nacional de Tucumán, Instituto de Lingüística, Folklore y Arqueología. 204 pp., 28 figs., 1 map (14 November) [general; popular names; Argentina]

**Vyhmeister, Gerald**

1980. *Tmolus azia* in Jamaica: A new record for the West Indies (Lycaenidae). *Journal of the Lepidopterists' Society* 34(1): 60 (22 May)

**Vyhmeister, Gerald and Julian P. Donahue**

1980. The rediscovery of *Libytheana terena* in Jamaica (Libytheidae). *Journal of the Lepidopterists' Society* 34(2): 102 (23 September)



# W

- Waage, Jeffrey King** [1953- ]  
1993. See Baker, P. S. et al., 1993.
- Waage, Jeffrey King, John T. Smiley and Lawrence Edmund Gilbert**  
1981. The *Passiflora* problem in Hawaii; prospects and problems of controlling the forest weed *P. mollissima* (Passifloraceae) with heliconiine butterflies. *Entomophaga* 26(3): 275-284, 2 figs., 2 tabs. [general; Neotropics]
- Wacławik, Benjamin**  
2019. See Pyrcz, T. W. et al., 2019a.
- Waddill, Van Hulen** [1947- ]  
1981. See Leston, D. & V. H. Waddill, 1981.
- Wade, Joseph Sanford** [1880-1961]  
1951. A selected bibliography of the insects of the world associated with sugar cane, their predators and parasites. *Memoir. International Society of Sugar Cane Technologists* 1: [2] + 113 pp. (1 May) [general]
- Wafula, Eric K.**  
2015. See Edger, P. P. et al., 2015.
- Wagenknecht, Rodolfo** [1899-1985]  
1945. Nueva distribución geográfica de una mariposa chilena. *Revista chilena de Historia natural* 48: 76-77 ("1944", 1945) [*Terias deva* Doubleday]  
1968a. Observaciones biológicas sobre la *Eroessa chilensis* (Guerin, 1829) Pierididae (Rhopalocera). *Anales del Museo de Historia natural de Valparaíso* 1: 173-177. [*Argopteron aureipennis* (Blanchard); ecology; Chile]  
1968b. Observaciones botánicas y zoológicas en la región de Termas de Puyehue y costa cerca de Osorno. *Anales del Museo de Historia natural de Valparaíso* 1: 179-185. [*Eroessa chilensis* (Guérin); Chile]
- Wagner, David L.** [1956- ]  
2007a. Dead bugs do tell tales. *News of the Lepidopterists' Society* 49(2): 50-51, 1 fig. (1 August) [general; conservation]  
2007b. See Dyer, L. A. et al., 2007.  
2011. The Society honors eight charter members. *News of the Lepidopterists' Society* 53(1): 8-14, figs. (7 June) [general; biography]  
2014. See Collins, M. M. & D. L. Wagner, 2014.
- Wagner, Matt W.**  
1999. See Calvert, W. H. & M. W. Wagner, 1999.
- Wagner, Moritz Friedrich** [1813-1887]  
1865. Ein Rundblick vom Gipfel des Pichincha auf die Vulcane der Anden. *Westermann's illustrierte deutsche Monats-Hefte* (2)2(9): 276-293, 8 figs. (June) [*Colias, Hipparchia*; Ecuador]  
1870a. Ueber den Einfluss der geographischen Isolirung und Colonienbildung auf die morphologische Veränderungen der Organismen. *Sitzungsberichte der königliche bayerische Akademie der Wissenschaften München* 2: 154-174 [*Vanessa* spp., *V. aequatorialis* (*nomen nudum*); Ecuador]  
1870b. *Naturwissenschaftliche Reisen im tropischen Amerika ausgeführt auf Beranlassung und mit Unterstützung weiland Sr. M. des Königs Maximilian II. von Bayern*. Stuttgart, J. G. Cotta. xxiv + 632 pp. [general; biogeography]
- Wagner, Moritz Friedrich, and Carl (= Karl) Heinrich von Scherzer**  
1856. *Die Republik Costa Rica in Central-Amerika mit besonderer Berücksichtigung der Naturverhältnisse und der Frage der deutschen Auswanderung und Colonisation. Reisestudien und Skizzen aus den Jahren 1853 und 1854*. Leipzig, Arnoldische Buchhandlung. xvi + 578 pp., 1 map [general]
- Wagner, Moritz G.**  
2012. See Mebs, D. et al., 2012.
- Wagner, Warren Herbert, Jr.** [1920-2000]  
1973. An orchid attractant for monarch butterflies (Danaiidae). *Journal of the Lepidopterists' Society* 27(3): 192-196 (10 August) [general; Mexico]
- Wagschal, Vera**  
2013. See Petschenka, G. et al., 2013.
- Wahl, David Bruce**  
2002. See Sime, K. R. & D. B. Wahl, 2002.  
2009. See Janzen, D. H. et al., 2009.
- Wahl, David Bruce, and Karen R. Sime**  
2006. A revision of the genus *Trogus* (Hymenoptera: Ichneumonidae, Ichneumoninae). *Systematic Entomology* 31(4): 584-610, 23 figs., 1 tab. (October) [Papilionidae; parasitoids]
- Wahlberg, Niklas**  
2001. The phylogenetics and biochemistry of host-plant specialization in melitaeine butterflies (Lepidoptera: Nymphalidae). *Evolution* 55(3): 522-537, 4 figs., 3 tabs. (10 April) [general]  
2004. See Murphy, D. D. et al., 2004.  
2006a. See Janz, N. et al., 2006.  
2006b. See Weingartner, E. et al., 2006.  
2006c. See Peña, C. et al., 2006.  
2006d. That awkward age for butterflies: Insights from the age of the butterfly subfamily Nymphalinae (Lepidoptera: Nymphalidae). *Systematic Biology* 55(5): 703-714, 3 figs., 3 tabs. (October) [general]  
2006e. See Simonsen, T. J. et al., 2006.  
2007a. See Brown, K. S., Jr. et al., 2007a.  
2007b. See Kodandaramaiah, U. & N. Wahlberg, 2007  
2008a. See Silva-Brandão, K. L. et al., 2008a.  
2008b. See Nylin, S. & N. Wahlberg, 2008.  
2008c. See Peña, C. & N. Wahlberg, 2008.  
2009a. See Kodandaramaiah, U. & N. Wahlberg, 2009.  
2009b. See Leneveu, J. et al., 2009.  
2009c. See Roe, A. D. et al., 2009.  
2009d. See Aduse-Poku, K. et al., 2009.  
2010a. See Kodandaramaiah, U. et al., 2010.  
2010b. See Brower, A. V. Z. et al., 2010.  
2010c. See Peña, C. et al., 2010.  
2010d. See Müller, C. J. et al., 2010.  
2010e. See Simonsen, T. J. et al., 2010.  
2010f. See Mutanen, M. et al., 2010.  
2011a. See Peña, C. et al., 2011.  
2011b. See Marín, M. A. et al., 2011.  
2011c. See Penz, C. M. et al., 2011b.  
2011d. See Mullen, S. P. et al., 2011.  
2011e. See Nieuwerkerken, E. J. van et al., 2011.  
2012a. See Núñez, R. et al., 2012.  
2012b. See Heikkilä, M. et al., 2012.  
2012c. See Condamine, F. L. et al., 2012a.  
2012d. See Nyman, T. et al., 2012.  
2012e. See Penz, C. M. et al., 2012.

- 2012f. See Freitas, A. V. L. et al., 2012b.
- 2013a. See Matos, P. F. et al., 2013.
- 2013b. See Núñez, R. et al., 2013.
- 2014a. See Freitas, A. V. L. et al., 2014.
- 2014b. See Matos, P. F. et al., 2014.
- 2015a. See Kozak, K. M. et al., 2015.
- 2015b. See Kaminski, L. A. et al., 2015b.
- 2015c. See Edger, P. P. et al., 2015.
- 2015d. See Heikkilä, M. et al., 2015.
- 2015e. See Freitas, A. V. L. et al., 2015b.
- 2016a. See Freitas, A. V. L. et al., 2016a.
- 2016b. See Sahoo, R. K. et al., 2016.
2017. See Moya, R. S. de et al., 2017.
- 2018a. See Dhungel, B. & N. Wahlberg, 2018.
- 2018b. See Sahoo, R. K. et al., 2018.
- 2018c. See Seraphim, N. et al., 2018.
- 2018d. See Kodandaramaiah, U. et al., 2018.
- 2018e. See Rota, J. et al., 2018.
- 2019a. See Matos, P. F. et al., 2019.
- 2019b. See Chazot, N. et al., 2019b.
- Wahlberg, Niklas, Michael F. Braby, Andrew Van Zandt Brower, Rienk de Jong, Ming-Min Lee, Sören Nylin, Naomi E. Pierce, Felix A. H. Sperling, Roger Vila, Andrew David Warren and Evgueni Valentinovich Zakharov**
- 2005a. Synergistic effects of combining morphological and molecular data in resolving the phylogeny of butterflies and skippers. *Proceedings of the royal Society of London (B)* 272(1572): 1577-1586, 2 figs., 3 tabs. (7 August; published online 11 July) [general]
- Wahlberg, Niklas, Andrew Van Zandt Brower and Sören Nylin**
- 2005b. Phylogenetic relationships and historical biogeography of tribes and genera in the subfamily Nymphalinae (Lepidoptera: Nymphalidae). *Biological Journal of the Linnean Society* 86(2): 227-251, 5 figs., 2 tabs. (October) (published online 27 September) [general]
- Wahlberg, Niklas, Paul Ralph Ehrlich, Carol L. Boggs, and Ilkka Hanski**
2004. *Bay checkerspot and Glanville fritillary compared with other species*, pp. 219-244, 18 figs., 2 tabs. In: Ehrlich, P. R. & I. Hanski (Eds.), *On the wings of checkerspots. A model system for population biology*. Oxford, Oxford University Press. ([25 March]) [general]
- Wahlberg, Niklas, and André Victor Lucci Freitas**
2007. Colonization of and radiation in South America by butterflies in the subtribe Phyciodina (Lepidoptera: Nymphalidae). *Molecular Phylogenetics and Evolution* 44(3): 1257-1272, 4 figs., 1 tab. (September; published online 3 May) [general]
- Wahlberg, Niklas, Julien Leneveu, Ullasa Kodandaramaiah, Carlos Peña, Sören Nylin, André Victor Lucci Freitas and Andrew Van Zandt Brower**
- 2009b. Nymphalid butterflies diversify following near demise at the cretaceous/tertiary boundary. *Proceedings of the royal Society of London (B)* 276(1677): 4295-4302, 2 figs. (22 December; published online 30 September) [general; evolution]
- Wahlberg, Niklas, and Sören Nylin**
2003. Morphology versus molecules: resolution of the positions of *Nymphalis*, *Polygonia*, and related genera (Lepidoptera: Nymphalidae). *Cladistics* 19(3): 213-223, 3 figs., 3 tabs. (June) [general]
- Wahlberg, Niklas, Rita Oliveira and James Allan Scott**
- 2003a. Phylogenetic relationships of *Phyciodes* butterfly species (Lepidoptera: Nymphalidae): complex mtDNA variation and species delimitations. *Systematic Entomology* 28(2): 257-273, 4 figs., 3 tabs. (April)
- Wahlberg, Niklas, and Carlos Peña**
2007. A Dominican Republic sojourn. *News of the Lepidopterists' Society* 49(1): 12-15, 37, 2 figs., 1 tab. (29 March) [general]
- Wahlberg, Niklas, Jadranka Rota, Michael F. Braby, Naomi E. Pierce and Christopher West Wheat**
2014. Revised systematics and higher classification of pierid butterflies (Lepidoptera: Pieridae) based on molecular data. *Zoologica Scripta* 43(6): 641-650, 2 figs., 1 tab. (November; published online 12 August) [general; new tribes: Elodinini, Leptosiaini, Nephroniini]
- Wahlberg, Niklas, and Daniel Rubinoff**
- 2011a. Vagility across *Vanessa* (Lepidoptera: Nymphalidae): mobility in butterfly species does not inhibit the formation and persistence of isolated sister taxa. *Systematic Entomology* 36(2): 362-370, 2 figs. (17 March; published online 14 March) [general; systematics, evolution, biogeography]
- 2011b. Anomalous areas and awkward ages: alleviating concerns. *Systematic Entomology* 36(4): 604-606 (21 September; published online 3 August) [*Vanessa*; biogeography; Neotropics]
- Wahlberg, Niklas, Elisabet Weingartner and Sören Nylin**
- 2003b. Towards a better understanding of the higher systematics of Nymphalidae (Lepidoptera: Papilionoidea). *Molecular Phylogenetics and Evolution* 28(3): 473-484, 4 figs., 1 tab. (September) [general]
- Wahlberg, Niklas, Elisabet Weingartner, Andrew D. Warren and Sören Nylin**
- 2009a. Timing major conflict between mitochondrial and nuclear genes in species relationships of *Polygonia* butterflies (Nymphalidae: Nymphalini). *BMC evolutionary Biology* 9(92): 1-16, 9 figs., 1 tab. (7 May) [*P. haroldii* (Dewitz); Mexico]
- Wahlberg, Niklas, and Christopher West Wheat**
2008. Genomic outposts serve the phylogenomic pioneers: Designing novel nuclear markers for genomic DNA extractions of Lepidoptera. *Systematic Biology* 57(2): 231-242, 4 figs., 2 tabs. (April) [Nymphalidae]
- Wahlberg, Niklas, Christopher West Wheat and Carlos Peña**
2013. Timing and patterns in the taxonomic diversification of Lepidoptera (butterflies and moths). *PLoS ONE* 8(11)(e80875): 1-8, 3 figs., 2 tabs. (25 November) [general]
- Wahlberg, Niklas, and Marie Zimmermann**
2000. Pattern of phylogenetic relationships among members of the tribe Melitaeini (Lepidoptera: Nymphalidae) inferred from mitochondrial DNA sequences. *Cladistics* 16(4): 347-363, 4 figs., 3 tabs. (December) [general]
- Waide, R. B.**
1983. See Fink, L. S. et al., 1983.
- Waite, Geoff K.**
2002. See Wysoki, M. et al., 2002.
- Wakeley, John**
2019. See Edelman, N. B. et al., 2019.
- Wakeham-Dawson, Andrew**
2006. A focus on Falkland butterflies and moths (Order Lepidoptera). *Invertebrata falklandica* 6: 3, 2 figs. (April) [general]
- Waki, I.**
1991. [On the distribution of the Papilionidae in the world and on the evolutionary history of the family] [In Japanese].

- The Nature and Insects* 26(11): 2-7, 3 figs., 1 tab. (November) [general]
- Walch, Johann Ernst Immanuel** [1725-1778]
- 1775a. Beiträge zur Insekten-Geschichte. *Naturforscher* (Halle) 6: 123-131, pl. 6 (after 24 March) [*Papilio obrinus* Linnaeus; new species: *Papilio capucinus*, *P. simplex*]
- 1775b. Beiträge zur Insekten-Geschichte. *Naturforscher* (Halle) 7: 113-116, pl. 1 (after 4 February) [new species: *Papilio luctuosus*, *P. fulgurator*]
- Waldbauer, Gilbert Paul, and James Gordon Sternburg**
1976. Saturniid moths as mimics: An alternative interpretation of attempts to demonstrate mimetic advantage in nature. *Evolution* 29(4): 650-658, 1 fig. (12 March) [Papilionidae; Trinidad]
1983. A pitfall in using painted insects in studies of protective coloration. *Evolution* 37(5): 1085-1086 (13 September) [*Anartia fatima* (Fabricius), *Parides sesostris* (Cramer), *P. erithalion* (Boisduval), *P. arcas* (Cramer), *Battus polydamas* (Linnaeus); Panama]
- Waldmann, Georg**
2001. See Stevens, M. & G. Waldmann, 2001.
- Walford, Peter**
2006. See Brower, L. P. et al., 2006.
- Walker, D. J. R.**
1942. Butterfly life in the Long Mountain. *Natural History Notes of the natural History Society of Jamaica* 1(5): 7-8 (May) [general; Jamaica]
1943. *Papilio marcellinus* extinct? *Natural History Notes of the natural History Society of Jamaica* 1(12): 4 (July) [Jamaica]
1945. *Papilio homerus*. *Natural History Notes of the natural History Society of Jamaica* 2(22/24): 161-163, 177 (August) [Jamaica]
- Walker, Francis** [1809-1874]
1854. *List of the specimens of lepidopterous insects in the collection of the British Museum*. London, British Museum. 2: [4] + 279-582 ([13 May]) [Riodininae; Brazil]
1856. *List of the specimens of lepidopterous insects in the collection of the British Museum*. London, British Museum. 7: [4] + 1509-1808 ([10 May]) [new species: *Castnia hesperiaris*; Mexico]
1862. *List of the specimens of lepidopterous insects in the collection of the British Museum*. London, Edward Newman. 25: [4] + 1281-1477 ([11 October]) [new species: *Hedyle rubedinaria*; Honduras]
- [1863]. *List of the specimens of lepidopterous insects in the collection of the British Museum*. London, Edward Newman. 26: [4] + 1479-1796 ("1862", [14 February 1863]) [new species: *Hedyle lucivittata*; Brazil]
- Walker, Francis Augustus** [1841-1905]
- 1878a. *Catalogue of Lepidoptera Rhopalocera in the collection of the Rev. F. A. Walker, M.A., F.L.S.* London, T. P. Newman. [iv] + 43 pp. [general]
- 1878b. *Catalogue of the collection of insects presented to Highgate School*. London, T. P. Newman. [2] + 28 pp. [general; Neotropics]
1888. Oriental entomology. *Journal of the Transactions of the Victoria Institute, or philosophical Society of Great Britain* 21: 107-136 (before 9 June) [general]
1890. Colours in nature. *Journal of the Transactions of the Victoria Institute, or philosophical Society of Great Britain* 23(90): 81-108. [general]
- Walker, James John** [1851-1939]
- 1881-82a. Entomological collecting on a voyage to the Pacific. *Entomologist's monthly Magazine* 18(208): 81-86 (September 1881); 19(217): 22-24 (June 1882), (218): 25-28 (July 1882) [general]
- 1882b. A life history of *Papilio paeon*, Roger. *Entomologist's monthly Magazine* 19(219): 53-55 (August) [egg, larva, pupa; Peru]
- 1883-84. Entomological collecting on a voyage to the Pacific. *Entomologist's monthly Magazine* 19(227): 257-259 (April 1883), (228): 274-278 (May 1883); 20 (232): 91-96 (September 1883), (238): 222-225 (March 1884); 21(245): 115-120 (October 1884) [general]
1885. [Chilean *Colias*]. *Proceedings of the entomological Society of London* 1884(5): xxvii (5 March) [general]
1886. *Anosia plexippus*, L. (*Danaus archippus*, F.): a study in geographical distribution. *Entomologist's monthly Magazine* 22(262): 217-224 (March) [general]
1914. The geographical distribution of *Danaida plexippus*, L. (*Danaus archippus*, F.) with special reference to its recent migrations. *Entomologist's monthly Magazine* 50(602): 181-184 (July), (603): 185-193 (August), (604): 224-232 (September), (605): 233-237, 1 map (October) [general]
1920. The fringes of butterfly life. *Proceedings of the entomological Society of London* 1919(5): lxxxix-cxvii, 1 map (1 April) [general]
- 1931a. A Peruvian lycaenid butterfly eaten by a bird. *Proceedings of the entomological Society of London* (A)6(1): 19 (10 July) [*Thecla* sp.]
- 1931b. Insects at sea. *Entomologist's monthly Magazine* 67(808): 211-216 (September), (809): 217-232 (October), (810): 254-266 (November), (811): 267-268 (December) [general]
- Walker, Mark**
2016. Belizean butterfly R & R. *News of the Lepidopterists' Society* 58(1): 36-39, figs. (16 February) [general]
- Walker, Thomas J.**
1980. Migrating Lepidoptera: Are butterflies better than moths? *Florida Entomologist* 63(1): 79-98, 7 figs., 5 tabs. (30 April) [general; Mexico]
- Walla, Thomas Robert** [1969- ]
1999. See DeVries, P. J. et al., 1999.
- 2000a. See Lande, R. et al., 2000.
- 2000b. See DeVries, P. J. et al., 2000.
2001. See DeVries, P. J. & T. R. Walla, 2001.
2002. See Engen, S. et al., 2002.
2009. See Greeney, H. F. et al., 2009a.
- 2010a. See Greeney, H. F. et al., 2010a.
- 2010b. See Greeney, H. F. et al., 2010b.
- 2010c. See Greeney, H. F. et al., 2010c.
- 2010d. See Greeney, H. F. et al., 2010d.
- 2010e. See Greeney, H. F. et al., 2010e.
- 2010f. See Jost, L. et al., 2010.
2012. See Tufto, J. et al., 2012.
- Walla, Thomas Robert, Steinar Engen, Philip James DeVries and Russell Lande**
2004. Modeling vertical beta-diversity in tropical butterfly communities. *Oikos* 107(3): 610-618, 5 figs., 2 tabs. (December; published online 21 October) [general; Ecuador, Costa Rica]
- Walla, Thomas Robert, and Harold Francis Greeney**
2012. Under cover of darkness, caterpillars take flight: The immature stages and feeding ecology of the glasswinged butterfly, *Oleria baizana* in eastern Ecuador. *Journal of Insect Science* 12(106): 1-12, 5 figs. (5 September) [egg, larva, pupa; host plant; behavior; Ecuador]

- Wallace, Alfred Russel** [1823-1913]
- 1850a. [A letter]. *Annals and Magazine of natural History* (2)5(26): 156-157 (1 February) [general; Brazil]
- 1850b. [A letter]. *Annals and Magazine of natural History* (2)6(36): 494-496 (1 December) [general; Brazil]
1852. [Notes]. *Zoologist* 10: 3641-3643 [loss of his Brazilian collections at sea]
- 1853a. Some remarks on the habits of the Hesperidae. *Zoologist* 11: 3884-3885 [genera; Brazil]
- 1853b. *A narrative of travels on the Amazon and Rio Negro, with an account of the native tribes and observations on the climate, geology, and natural history of the Amazon valley*. London, Reeve and Co. viii + 541 pp., 9 pls., 1 map [many later editions] [general; behavior; ecology; Brazil]
1854. On the habits of the butterflies of the Amazon valley. *Transactions of the entomological Society of London* (2)2(8): 253-264 (3 April) [general; Brazil]
1867. [A note]. *Proceedings of the entomological Society of London* (3)5(6): xxxviii-xxxix (6 May) [general; mimicry]
1876. *The geographical distribution of animals. With a study of the relations of living and extinct faunas as elucidating the past changes of the earth's surface*. London, Macmillan. 2: ix + 607 pp., figs., tabs., maps [general]
1878. *Tropical nature, and other essays*. London, Macmillan and Co. xv + 356 pp. [general; ecology; morphology; mimicry; evolution; biogeography; Neotropics]
1882. Dr. Fritz Müller on some difficult cases of mimicry. *Nature* (London) 26(656): 86-87 (25 May) [general]
1890. *Darwinism. An exposition of the theory of Natural Selection with some of its applications*. London, Macmillan and Co. xvi + 494 pp., portr., figs., 1 map [general]
- Wallace, John R.**
1999. See Lazarus, L. L. et al., 1999.
- Wallbank, Richard W. R.**
2012. See Merrill, R. M. et al., 2012.
2015. See Merrill, R. M. et al., 2015.
2016. See Nadeau, N. J. et al., 2016.
- 2017a. See Jiggins, C. D. et al., 2017.
- 2017b. See Mazo-Vargas, A. et al., 2017.
- 2019a. See Hanly, J. J. et al., 2019.
- 2019b. See Concha, C. et al., 2019.
- Wallbank, Richard W. R., Simon Wade Baxter, Carolina Pardo-Díaz, Joseph J. Hanly, Simon H. Martin, James Louis Borlase Mallet, Kanchon Kumar Dasmahapatra, Camilo Andrés Salazar, Mathieu Joron, Nicola J. Nadeau, William Owen McMillan and Christopher David Jiggins**
2016. Evolutionary novelty in a butterfly wing pattern through enhancer shuffling. *PLoS Biology* 14(1)(e1002353): 1-16, 5 figs., 1 tab. (15 January) [*Heliconius*; South America]
- Wallengren, Hans Daniel Johan** [1823-1894]
1858. Nya Fjäril-slågten. *Öfversigt af kongliga Vetenskaps-Akademiens Förhandlingar* 15(2): 75-84 (after 10 February) [new genera: *Neomaenas*, *Neosatyris*, *Pseudolycaena*, *Pachyrhopala*, *Leucochitonea*; South America]
1860. Lepidopterologische Mittheilungen. *Wiener entomologische Monatschrift* 4(2): 33-46 (February) [general; new species: *Colias ponteni*, *Terias eugenia*, *T. angulata*, *Neomaenas servilia*, *Neosatyris ambiorix*, *Lycaena parrhasioides*, *Polyommatus atahualpa*, *Thecla guacanagari*, *Hesperia premnas*, *H. hilas*; West Indies, Chile, Ecuador, Bolivia, Argentina, Brazil]
1861. *Lepidoptera*, pp. 351-390, pls. 6-7. In: *Kongliga Svenska Fregatten Eugenies Resa omkring Jordan under befäl af C. A. Virgin aren 1851-1853. Vetenskapliga iakttagelser pa H. M. Konung Oskar den Förstes befallning utgifna af K. Svenska Vetenskaps Akademien. Zoologi. 1. Insecta*. Stockholm, P. A. Norstedt & Söner [general; West Indies, South America]
1863. Die während der Reise der königl. Schwed. Fregatte Eugenie gesammelten schon bekannten Schmetterlinge. *Wiener entomologische Monatschrift* 7(3): 65-76 (March) [general; Panama, South America, West Indies]
1871. Bidrag till kännedom af Fjärilfaunan pa St. Barthelemy. *Öfversigt kongliga Vetenskaps-Akademiens Förhandlingar* 28(7): 909-917 [general]
- Waller, Deborah Ann, and Lawrence Edmund Gilbert**
1982. Roost recruitment and resource utilization: observations on a *Heliconius charitonia* L. roost in Mexico (Nymphalidae). *Journal of the Lepidopterists' Society* 36(3): 178-184, 2 figs. (14 December)
- Wallner, William E.**
2001. See Kliejunas, J. T. et al., 2001.
- Walls, Fernando** [1931-2005]
1972. See Yuste, F. et al., 1972.
- Walter, Bernhard Ludwig Johann Heinrich** [1861-1950]
1895. *Die Oberflächen- oder Schiller-Farben*. Braunschweig, Friedrich Vieweg und Sohn. vii + 122 pp., 8 + 6 figs., 18 tabs. [*Morpho*, *Prepona eugenes* Bates]
- Walters, James R.**
2008. See Papa, R. et al., 2008a.
2012. See Dasmahapatra, K. K. et al., 2012.
- 2013a. See Briscoe, A. D. et al., 2013.
- 2013b. See Martin, S. H. et al., 2013.
2015. See Harpel, D. et al., 2015.
- Walters, James R., Thomas J. Hardcastle and Christopher David Jiggins**
2015. Sex chromosome dosage compensation in *Heliconius* butterflies: Global yet still incomplete? *Genome Biology and Evolution* 7(9): 2545-2559, 4 + 2 figs., 5 tabs. (December; published online 2 September)
- Walters, James R., and Richard Gerald Harrison**
2008. EST analysis of male accessory glands from *Heliconius* butterflies with divergent mating systems. *BMC Genomics* 9(592): 1-13, 6 figs., 4 tabs. (8 December)
2010. Combined EST and proteomic analysis identifies rapidly evolving seminal fluid proteins in *Heliconius* butterflies. *Molecular Biology and Evolution* 27(9): 2000-2013, 3 figs., 4 tabs. (1 September; published online 7 April) [*H. erato* (Linnaeus), *H. melpomene* (Linnaeus)]
2011. Decoupling of rapid and adaptive evolution among seminal fluid proteins in *Heliconius* butterflies with divergent mating systems. *Evolution* 65(10): 2855-2871, 4 figs., 3 tabs. (October; published online 13 July) [general]
- Walters, James R., Christine Stafford, Thomas J. Hardcastle and Christopher David Jiggins**
2012. Evaluating female remating rates in light of spermatophore degradation in *Heliconius* butterflies: pupal-mating monandry versus adult-mating polyandry. *Ecological Entomology* 37(4): 257-268, 4 figs., 4 tabs. (August; published online 10 July) [general]
- Walton, Richard K.**

1993. Tracking North American monarchs. Part I. The East. *American Butterflies* 1(3): 11-16, 6 figs. (August) [*Danaus plexippus* (Linnaeus); migration; Mexico]
2015. See Oberhauser, K. S. et al., 2015a.
- Walton, Richard K., and Lincoln Pierson Brower**
1999. What we know that ain't so... The 1998 Fall Atlantic Coast Monarch migration. *American Butterflies* 7(3): 18-25, 6 figs., 1 tab. [*Danaus plexippus* (Linnaeus); Mexico]
- Walton, Shaun M.**
2011. See Price, B. W. et al., 2011.
- Wanat, Anna**
2014. See Jałoszyński, P. et al., 2014.
- Wanat, Marek**
2014. See Jałoszyński, P. et al., 2014.
- Wang, Charles**
2012. See Hines, H. M. et al., 2012.
- Wang, Li**
2016. See Shen, Q.-Q. & L. Wang, 2016.
- Wang, Min**
2017. See Zhang, J. et al., 2017.
- Wang, Rongjiang**
2017. See Zhang, J. et al., 2017.
- Wang, Wanlin, Wang Zhang, Jiajun Gu, Qinglei Liu, Tao Deng, Di Zhang and Hai-Qing Lin**
2013. Design of a structure with low incident and viewing angle dependence inspired by *Morpho* butterflies. *Scientific Reports* 3(3427): 1-9, 8 figs. (published online 5 December)
- Wang, Xudon**
2006. See Huang, J. et al., 2006.
- Wang, Yingming**
2006. See Connor, W. E. et al., 2006.
- Wang, Yingming, Don S. Lin, Linda Bolewicz and William E. Connor**
2006. The predominance of polyunsaturated fatty acids in the butterfly *Morpho peleides* before and after metamorphosis. *Journal of Lipid Research* 47(3): 530-536, 2 figs., 6 tabs. (March; published online 1 December 2005) [host plant; Belize]
- Wang, Yong-Jie**
2016. See Labandeira, C. C. et al., 2016.
- Wang, Yongjun**
2018. See He, J. et al., 2018.
- Wang, Yun-Liang**
2015. See Shi, Q.-H. et al., 2015.
- Wang, Zhe-Zhi**
2016. See Chen, C. et al., 2016.
- Wang, Zhong Lin**
2006. See Huang, J. et al., 2006.
2009. See Ding, Y. et al., 2009.
- Waples, Ryan K.**
2019. See Stanton, D. W. G. et al., 2019.
- Ward, Charles Richard** [1940- ]
1987. See O'Brien, C. W. & C. R. Ward, 1987.
- Ward, Charles Richard, Charles William O'Brien, Lois Breimeier O'Brien, David E. Foster and Ellis Wright Huddleston**
1977. Annotated checklist of New World insects associated with *Prosopis* (mesquite). *Technical Bulletin. Agricultural Research Service. United States Department of Agriculture* 1557: viii + 115 pp. (October) [*Leptotes trigrammatus* Butler; Chile]
- Ward, James P.**
2019. See Cariveau, A. B. et al., 2019.
- Ward, Marianne**
2015. '1000 miles up the Amazon' – the neotropical butterfly collections of W. B. L. Manley and his associates. *Bulletin of the amateur Entomologists' Society* 74(518): 123-136, 5 figs., 2 tabs. (September) [general]
- Waring, Paul, Graham Collins and Adrian Spalding**
1996. The BENHS expedition to Belize, January-February 1996. *British Journal of Entomology and natural History* 9(4): 197-203, 5 figs. (December) [general]
- Waring, Paul, Graham Finch, Anona Finch, Barry Fox, Jim Fox and Pat Haynes**
2003. The second BENHS expedition to Belize. April-May 1997. *British Journal of Entomology and natural History* 16(2): 73-88, 16 figs., 1 map (June) [general]
- Waring, Sophie**
2015. Margaret Fountaine: A lepidopterist remembered. *Notes and Records of the Royal Society* 69(1): 53-68, 4 figs. (20 March; published online 21 January) [general; Neotropics]
- Warnecke, Georg** [1883-1962]
1952. Titschack, Erich: Beiträge zur Fauna Perus. *Zeitschrift für Lepidopterologie* 2(1): 94 (1 March) [book review; *Phulia nymphaea* Staudinger, *P. illimani* Weymer]
1955. Titschack, Erich: Beiträge zur Fauna Perus. Band IV. *Zeitschrift für Lepidopterologie* 3(2/3): 183 (15 August) [book review; general]
- Warner, Ken**
2002. See Dameron, W. & K. Warner, 2002.
- Warot, Sylvie**
2018. See Dumbardon-Martial, T. et al., 2018.
- Warrant, Eric J.**
2007. See Yack, J. E. et al., 2007a.
2008. See Frederiksen, R. & E. J. Warrant, 2008.
2009. See Rutowski, R. L. et al., 2009.
- Warrant, Eric J., Almut Kelber and Niels Peder Kristensen**
2003. Eyes and vision, pp. 325-359, 18 figs., 1 tab. In: Kristensen, N. P. (Ed.), *Lepidoptera, moths and butterflies*. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]
- Warren, Andrew David** [1974- ]
1990. *Zone IX. Neotropics (Mexico)*, pp. 46-47. In: Opler, P. A. & J. W. Brown (Eds.), *Fourth of July Butterfly Counts. 1989 Report*. Portland, Xerces Society [general]
- [1991]. *Zone IX. Neotropics (Mexico)*, pp. 46-48. In: Opler, P. A. & J. W. Brown (Eds.), *Fourth of July Butterfly Counts. 1990 Report*. Portland, Xerces Society [general]
- [1992]. *Addenda et corrigenda for the 1990 count. Region IX. Neotropics (Mexico)*, p. 63. In: Opler, P. A. & A. B. Swengel (Eds.), *Fourth of July Butterfly Counts. 1991 Report*. Portland, Xerces Society [general]
1993. *Region IX: Neotropics (Mexico)*, pp. 71-73. In: Swengel, A.B. & P.A. Opler (Eds.), *Fourth of July Butterfly Counts. 1992 Report*. Portland, Xerces Society. [general]
- 1994a. Keeping and breeding butterflies and other exotica: Praying mantises, scorpions, stick insects, leaf insects, locusts, large spiders, and leaf-cutter ants. John L. S. Stone. 1992. *Journal of Research on the Lepidoptera* 31(1/2): 147-148 (1 July) [general; book review]
- 1994b. *Region 24: Neotropics (Mexico)*, p. 54. In: Opler, P. A. & A. B. Swengel (Eds.), *NABA-Xerces Fourth of July Butterfly Counts. 1993 Report*. Morrissett, North American Butterfly Association, Inc. [general]
- 1995a. A new species of *Codatractus* from Western Mexico

- (Lepidoptera: Hesperidae). *Tropical Lepidoptera* 6(1)(1): 21-25, 9 figs. (25 May) [*C. sallyae*]
- 1995b. *Region 24: Neotropics. Mexico*, pp. 64-65. In: Swengel, A.B. & P.A. Opler (Eds.), *NABA-Xerces Fourth of July Butterfly Counts. 1994 Report*. Morristown, North American Butterfly Association, Inc. [general]
- 1996a. See Vargas, I. et al., 1996.
- 1996b. *Amblyscirtes patriciae*: Description of the female and notes on its synonymy, behavior, habitat and distribution in Mexico (Lepidoptera: Hesperidae: Hesperinae). *Tropical Lepidoptera* 7(2): 127-132, 10 figs. (30 December)
- 1996c. See Llorente, J. E. et al., 1996.
- 1996d. See Llorente, J. E. et al., 1996.
- 1996e. *Region 24: Neotropics (Mexico)*, pp. 71-73. In: Swengel, A. B. & P. A. Opler (Eds.), *NABA-Xerces Fourth of July Butterfly Counts. 1995 Report*. Morristown, North American Butterfly Association, Inc. [general]
- 1997a. A new species of *Dalla* from Guatemala (Lepidoptera: Hesperidae). *Tropical Lepidoptera* 8(1): 35-37, 3 figs. (5 September) [*D. freemani*]
- 1997b. *Urbanus belli* (Hesperidae: Pyrginae): A new record for the United States. *News of the Lepidopterists' Society* 39(3): 41, 60, figs. F, J. [Mexico]
- 1997c. *Region 24: Neotropics (Mexico)*, pp. 67-69. In: Swengel, A.B. & P.A. Opler (Eds.), *NABA Fourth of July Butterfly Counts. 1996 Report*. Morristown, North American Butterfly Association, Inc. [general]
- 1997d. Definitive destination: Mismaloya, Jalisco, Mexico. *American Butterflies* 5(4): 4-12, 14 figs. [general]
1998. A new species of *Amblyscirtes* from montane western Mexico (Lepidoptera: Hesperidae: Hesperinae). *Tropical Lepidoptera* 9(1): 41-44, 6 figs. ("20" [24] August) [*A. novinmaculatus*]
- 1999a. Papilionidae y Pieridae de México: Distribución geográfica e ilustración, by Jorge E. Llorente-Bousquets, Leonor Oñate-Ocaña, Armando Luis-Martínez, and Isabel Vargas-Fernández. 1997. *Journal of the Lepidopterists' Society* 52(3): 342-343 (11 May) [general; book review]
- 1999b. *Region 24: Neotropics (Mexico)*, pp. 70-73. In: Swengel, A. B. & P. A. Opler (Eds.), *NABA Fourth of July Butterfly Counts. 1998 Report*. Morristown, North American Butterfly Association, Inc. [general]
2000. *Hesperioidea (Lepidoptera)*, pp. 535-580, 2 tabs. In: Llorente, J. E., E. González & N. Papavero (Eds.), *Biodiversidad, taxonomía y biogeografía de artrópodos de México: Hacia una síntesis de su conocimiento*. México, Universidad Nacional Autónoma de México. 2. [general]
- 2001a. A new genus and species of Cyclopidinae from Zamora, Ecuador (Lepidoptera: Hesperidae). *Boletín científico. Museo de Historia natural. Universidad de Caldas* 5: 138-153, 4 figs., 1 tab. (January) [*Freemaniana rawlinsi*]
- 2001b. See Austin, G. T. & A. D. Warren, 2001.
- 2001c. A replacement name for *Freemaniana* A. Warren, with notes on the higher classification of the genus (Lepidoptera: Hesperidae). *Proceedings of the entomological Society of Washington* 103(4): 1028-1029 (October) [*Freemaniana*; Ecuador]
- 2002a. See Steinhauser, S. R. & A. D. Warren, 2002.
- 2002b. See Orellana, A. M. et al., 2002.
- 2002c. See Opler, P. A. & A. D. Warren, 2002.
- 2002d. See Austin, G. T. & A. D. Warren, 2002.
- 2003a. See Luis, M. A. et al., 2003a.
- 2003b. See Greeney, H. F. & A. D. Warren, 2003.
- 2004a. The use of partial sequences from the *wingless* and COI genes to infer relationships among the Hesperioidea (Lepidoptera) [In Japanese]. *The Nature and Insects* 39(2): 11-16, 3 tabs. (February) [general]
- 2004b. Nymphalidae de México I (Danainae, Apaturinae, Biblidinae & Heliconiinae): Distribución geográfica e ilustración, by Armando Luis-Martínez, Jorge E. Llorente-Bousquets & Isabel Vargas-Fernández. 2003. *Journal of the Lepidopterists' Society* 58(1): 60-61 (22 April) [general; book review]
- 2004c. See Mielke, O. H. H. & A. D. Warren, 2004.
- 2004d. See Grishin, N. V. & A. D. Warren, 2004a.
- 2004e. See Grishin, N. V. & A. D. Warren, 2004b.
- 2004f. Las mariposas de Machu Picchu. Guía ilustrada de las mariposas del Santuario Histórico Machu Picchu, Cuzco, Perú, by Gerardo Lamas. 2003. *Journal of the Lepidopterists' Society* 58(3): 184-185 (27 October) [general; book review]
- 2004g. See Knudson, E. C. et al., 2004.
- 2004h. See Llorente, J. E. et al., 2004.
- 2004i. See Luis, M. A. et al., 2004.
- 2005a. See Basham, B. et al., 2005.
- 2005b. See Greeney, H. F. & A. D. Warren, 2005.
- 2005c. Hugh Avery Freeman (1912-2002): Reflections on his life and contributions to lepidopterology. *Journal of the Lepidopterists' Society* 59(1): 45-58 (8 April) [general; Mexico]
- 2005d. See Wahlberg, N. et al., 2005a.
- 2005e. See Davis, K. et al., 2005.
- 2005f. See Salinas, J. L. et al., 2005.
2006. See Contreras-Balderas, A. J. & A. D. Warren, 2006.
- 2007a. See Austin, G. T. & A. D. Warren, 2007.
- 2007b. See Austin, G. T. et al., 2007b.
- 2008a. See Mielke, O. H. H. et al., 2008.
- 2008b. See Anderson, R. A. et al., 2008.
- 2008c. See Cech, R. B. et al., 2008.
- 2008d. See Vilorio, Á. L. et al., 2008.
- 2008e. See Prudic, K. L. et al., 2008.
- 2008f. See Austin, G. T. & A. D. Warren, 2008.
- 2008g. See Pozo, M. del C. et al., 2008.
- 2008h. Andrew F. E. Neild. (2008). The Butterflies of Venezuela. Part 2: Nymphalidae II (Acraeinae, Libytheinae, Nymphalinae Ithomiinae, Morphina). A comprehensive guide to the identification of adult Nymphalidae, Papilionidae, and Pieridae. *Tropical Lepidoptera Research* 18(2): 122-123, 2 figs. (1 December) [general; book review]
- 2008i. See Austin, G. T. et al., 2008.
- 2009a. See Wahlberg, N. et al., 2009.
- 2009b. See Greeney, H. F. & A. D. Warren, 2009a.
- 2009c. See Greeney, H. F. & A. D. Warren, 2009b.
- 2009d. See Austin, G. T. & A. D. Warren, 2009.
- 2009e. See Reid, M. & A. D. Warren, 2009.
- 2009f. Getting to know George Austin: Rondônia, Brazil, August 1993. *Association for tropical Lepidoptera Notes* 2009([2]): 1-2, 4 figs. (December) [Hesperidae]
- 2009g. A new species of *Atrytonopsis* from western Mexico (Lepidoptera: Hesperidae: Hesperinae: Hesperini). *Pan-Pacific Entomologist* 84(4): 257-268, 5 figs. (1 May) [*A. llorente*]
- 2010a. See Briscoe, A. D. et al., 2010a.
- 2010b. See Briscoe, A. D. et al., 2010b.
- 2010c. See Simonsen, T. J. et al., 2010.
- 2010d. See Hardy, D. H. et al., 2010.
- 2011a. A new species of *Atrytonopsis* from Jalisco, Mexico

- (Lepidoptera, HesperIIDae, HesperIIDinae, HesperIIDini). *Tropical Lepidoptera Research* 21(1): 1-6, 2 figs. (1 June) [*A. austinatorum*]
- 2011b. See Calhoun, J. V. & A. D. Warren, 2011.
- 2011c. See Greeney, H. F. & A. D. Warren, 2011.
- 2011d. See Nieuwerkerken, E. J. van et al., 2011.
- 2012a. See Miller, J. Y. et al., 2012.
- 2012b. See Turland, V. A. et al., 2012.
- 2012c. See Lewis, D. S. et al., 2012.
- 2014a. See Maza, R. G. de la & A. D. Warren, 2014.
- 2014b. See Llorente, J. E. et al., 2014.
- 2014c. See Hernández, B. C. et al., 2014c.
- 2014d. Hajo B. P. E. Gernaat, Borgesius G. Beckles & Tinde van Andel. (2012). Butterflies of Suriname. A natural history. *Tropical Lepidoptera Research* 24(1): 61 (20 June) [general; book review]
- 2014e. See Bauder, J. A.-S. et al., 2014.
- 2015a. See Sourakov, A. & A. D. Warren, 2015.
- 2015b. See Bauder, J. A.-S. et al., 2015a.
- 2015c. See Bauder, J. A.-S. et al., 2015b.
- 2015d. See Basset, Y. et al., 2015.
- 2015e. See Nakahara, S. et al., 2015c.
- 2015f. See Salinas, J. L. et al., 2015.
- 2015g. See Dolibaina, D. R. et al., 2015b.
- 2016a. See Luis, M. A. et al., 2016.
- 2016b. See Cong, Q. et al., 2016a.
- 2016c. See Vargas, I. et al., 2016b.
- 2016d. See Sourakov, A. & A. D. Warren, 2016.
- 2016e. See Sahoo, R. K. et al., 2016.
2017. See Sahoo, S. K. et al., 2017.
- 2018a. See Carneiro, E. et al., 2018.
- 2018b. See Espeland, M. et al., 2018.
- 2018c. See Miller, J. Y. et al., 2018.
- 2018d. See Toussaint, E. F. A. et al., 2018.
- 2018e. See Matthews, D. L. et al., 2018.
- 2019a. See Espeland, M. et al., 2019.
- 2019b. See Medeiros, A. D. de et al., 2019b.
- 2019c. See Toussaint, E. F. A. & A. D. Warren, 2019.
- Warren, Andrew David, and George Traut Austin**
2009. Variation of *Stinga* Evans, 1955, with description of a new species from Mexico (Lepidoptera: HesperIIDae: HesperIIDinae: HesperIIDini). *Zootaxa* 2197: 1-19, 6 figs., 1 tab. (13 August) [*S. kendamulaza*]
- Warren, Andrew David, George Traut Austin, Jorge Enrique Llorente, Moisés Armando Luis and Isabel Vargas**
- 2008a. A new species of *Neominois* from northeastern Mexico (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 1896: 31-44, 5 figs. (10 October) [*N. carmen*]
- Warren, Andrew David, and John V. Calhoun**
2011. Notes on the historical occurrence of *Aphrissa neleis* in southern Florida, USA (Lepidoptera: Pieridae: Coliadinae). *News of the Lepidopterists' Society* 53(1): 3-7, 16 figs. (7 June) [Cuba, Bahamas]
- Warren, Andrew David, Diego Rodrigo Dolibaina and Nick V. Grishin**
- 2015b. In limbo no longer: a new genus for a rare Amazonian skipper, *Telles pyrex* Evans, 1955 (HesperIIDae: HesperIIDinae). *Tropical Lepidoptera Research* 25(2): 46-51, 5 figs. (28 December) [*Pseudorphe*; Colombia, Peru, Brazil]
- Warren, Andrew David, Diego Rodrigo Dolibaina and Blanca Claudia Hernández**
- 2015a. A new species of *Cogia* from Oaxaca, Mexico (Lepidoptera: HesperIIDae, Eudaminae). *Zootaxa* 3941(2): 239-246, 12 figs. (31 March) [*C. buena*]
- Warren, Andrew David, and Luis Lamberto González**
1996. Rediscovery of *Dalla bubobon* in Michoacán, Mexico (Lepidoptera: HesperIIDae: Heteropterinae). *Tropical Lepidoptera* 7(1)(1): 68-70, 5 figs. (25 June) [taxonomy; distribution]
1999. Notes on the genus *Piruna* in western Mexico, with description of a new species (Lepidoptera: HesperIIDae). *Tropical Lepidoptera* 9(suppl. 2): 1-7, 13 figs. ("10" [15] January) [*P. purepecha*]
- Warren, Andrew David, and Nick V. Grishin**
2012. *Atrytonopsis zweifeli* is a male of *A. frappenda* (Lepidoptera, HesperIIDae, HesperIIDinae, HesperIIDini). *Tropical Lepidoptera Research* 22(2): 74-79, 10 figs. (3 December) [Mexico]
2017. A new species of *Oxynetra* from Mexico (HesperIIDae, Pyrginae, Pyrrhopygini). *ZooKeys* 667: 155-164, 11 figs. (10 April) [*O. aureopecta*]
- Warren, Andrew David, David J. Hanson and Charles William Bordelon, Jr.**
2004. *Ziegleria guzanta* (Schaus, 1902): A new hairstreak (Lycaenidae) for Texas and the U. S. *News of the Lepidopterists' Society* 46(1): 27-30, 15 figs. (1 April) [*Electrostrymon joya* (Dognin), *E. sangala* (Hewitson); Mexico]
- Warren, Andrew David, David J. Hanson, Edward C. Knudson and Charles William Bordelon, Jr.**
2003. *Achlyodes pallida* (HesperIIDae): A new record for the United States. *News of the Lepidopterists' Society* 45(4): 128-131, 10 figs. (1 December) [Neotropics]
- Warren, Andrew David, and Jorge Enrique Llorente**
1999. Butterflies of Mismaloya, Jalisco, and adjacent parts of Banderas Bay and southern Nayarit, Mexico. *Dugesiana* 6(1): 17-32 (July) [general]
- Warren, Andrew David, and Moisés Armando Luis**
2007. A communal roost of adult *Smyrna karwinskii* in Chiapas, Mexico (Lepidoptera: Nymphalidae: Nymphalinae: Nymphalini). *News of the Lepidopterists' Society* 49(4): 131-133, 4 figs. (5 December) [behavior]
- Warren, Andrew David, and Roberto Gonzalo de la Maza**
2011. A new species of *Dalla* from Chiapas, Mexico (Lepidoptera, HesperIIDae, Heteropterinae). *Tropical Lepidoptera Research* 21(1): 7-11, 2 figs. (1 June) [*D. austini*]
- Warren, Andrew David, and Olaf Hermann Hendrik Mielke**
2004. *Mysoria affinis* (Herrich-Schäffer): morphological variation and synonymy (Lepidoptera, HesperIIDae, Pyrrhopyginae). *Revista brasileira de Zoologia* 21(2): 309-314, 19 figs. (30 June) [Mexico, Guatemala]
2005. Synonymic notes on North and Central American *Lerodea* Scudder and *Corticea* Evans (Lepidoptera, HesperIIDae, HesperIIDinae). *Revista brasileira de Zoologia* 22(1): 285-291, 21 figs. (31 March) [*L. arabus* (Edwards), *C. similea* (Bell); Mexico]
- Warren, Andrew David, Shinichi Nakahara, Jorge Enrique Llorente, Moisés Armando Luis and Jacqueline Yvone Miller**
2018. A new species of *Cyllopsis* R. Felder, 1869 from the highlands of Chiapas, Mexico (Lepidoptera: Nymphalidae: Satyrinae). *Zootaxa* 4403(3): 570-577, 3 figs. (5 April) [*C. tomemmelii*]
- Warren, Andrew David, Joshua R. Ogawa and Andrew Van Zandt Brower**
- 2008b. Phylogenetic relationships of subfamilies and circumscription of tribes in the family HesperIIDae (Lepidoptera: Hesperioidea). *Cladistics* 24(5): 642-676, 2 figs., 5 tabs. (October; published online 7 August)

- [general; new tribe: Moncini]
2009. Revised classification of the family Hesperidae (Lepidoptera: Hesperioidea) based on combined molecular and morphological data. *Systematic Entomology* 34(3): 467-523, 4 figs., 1 tab. (July; published online 11 June) [general; new tribe: Anthoptini]
- Warren, Andrew David, and Paul Alexander Opler**  
1999. An unusual new *Napaea* metalmark from Sonora, Mexico (Lepidoptera: Riodinidae). *Holarctic Lepidoptera* 6(1): 25-29, 10 figs. ("30 June" [6 December]) [*N. danforthi*]
- Warren, Andrew David, Stephen Rogers Steinhauser, Blanca Claudia Hernández and Nick V. Grishin**  
2008c. Notes on the genus *Celotes*, with the description of a new species from Mexico (Lepidoptera: Hesperidae: Pyrginae: Pyrgini). *Zootaxa* 1926: 27-40, 6 figs. (7 November) [*C. spurcus*]
- Warren, Andrew David, Denise Tan, Keith Richard Willmott and Nick V. Grishin**  
2014. Refining the diagnostic characters and distribution of *Hermeuptychia intricata* (Nymphalidae: Satyrinae: Satyrini). *Tropical Lepidoptera Research* 24(1): 44-51, 5 figs. (20 June) [Mexico]
- Warren, Andrew David, Isabel Vargas, Moisés Armando Luis and Jorge Enrique Llorente**  
1996. Mariposas diurnas de Jalisco. *Dugesiana* 3(1): 1-20 (July) [general; Mexico]  
1998. Butterflies of the state of Colima, Mexico. *Journal of the Lepidopterists' Society* 52(1): 40-72, 1 fig., 3 tabs. (15 June) [general]
- Warren, Andrew David, J. Court Whelan and Thomas Chadbourne Emmel**  
2010. Notes on mate-locating behavior by the skipper *Phocides polybius lilea* (Reakirt, [1867]) (Lepidoptera: Hesperidae: Eudaminae). *Tropical Lepidoptera Research* 20(1): 38-40, 1 fig. (1 June) [Mexico]
- Warren, Brisbane Charles Somerville** [1887-1979]  
1947. Some principles of classification in Lepidoptera, with special reference to the butterflies. *Entomologist* 80(1012): 208-217 (12 September), (1013): 235-241 (10 October), (1014): 262-268 (19 November), (1015): 280-282 (31 December) [general]
- Warren, Brisbane Charles Somerville, Cyril Franklin Dos Passos and Lionel Paul Grey**  
1946. Supplementary notes on the classification of Argynninae (Lepidoptera, Nymphalidae). *Proceedings of the royal entomological Society of London* (B) 15(5/6): 71-73 (15 June) [general; new tribe: Boloriidi]
- Warren, George**  
1667. *An impartial description of Surinam upon the continent of Guiana in America. With a history of several strange beasts, birds, fishes, serpents, insects, and customs of that colony, &c.* London, Nathaniel Brooke. [2] + 28 pp. [general]
- Warren, William** [1839-1914]  
1894. New genera and species of Geometridae. *Novitates zoologicae* 1(2): 366-466 (16 April) [*Phellinodes hedyllaria*; South America]  
1895. New species and genera of Geometridae in the Tring Museum. *Novitates zoologicae* 2(2): 82-159 (3 July) [*Adelotypa xanthobrunnea*; Chile?]  
1897. New genera and species of Thyrididae, Epiplemidae, and Geometridae, from South and Central America and the West Indies, in the Tring Museum. *Novitates zoologicae* 4(3): 408-507 (3 December) [*Phellinodes conifera*, *P. nigrimacula*; Surinam, Brazil, Bolivia]
1900. New genera and species of American Drepanulidae, Thyrididae, Epiplemidae and Geometridae. *Novitates zoologicae* 7(2): 117-225 (20 August) [*Adelotypa xanthobrunnea* Warren = *Limonias* (sic) *bolena* Butler, *Hyphedyle albimacula*; South America]  
1904a. New American Thyrididae, Uraniidae, and Geometridae. *Novitates entomologicae* 11(1): 1-173 (25 March) [new species: *Phellinodes interrupta*, *P. obstructa*, *P. uniformis*; Ecuador]  
1904b. New American Thyrididae, Uraniidae, and Geometridae. *Novitates entomologicae* 11(2): 493-582 (12 September) [new species: *Hyphedyle subornata*, *Phellinodes absentimacula*, *P. albifascia*; Peru, Ecuador]  
1905a. New Thyrididae, Uraniidae, and Geometridae from South and Central America. *Novitates zoologicae* 12(1): 41-72 (11 February) [new species: *Hyphedyle divisa*; Peru]  
1905b. New American Thyrididae, Uraniidae, and Geometridae. *Novitates zoologicae* 12(2): 307-379 (20 September) [new species: *Lasiopates hyacinthina*; Ecuador]  
1908. Descriptions of new species of South American geometrid moths. *Proceedings of the United States National Museum* 34(1601): 91-110 (25 April) [*Phellionodes megalophysa*; French Guiana]
- Warren-Gash, Haydon**  
2013. See Pyrcz, T. W. et al., 2013a.
- Warumby, Jandira Figueiredo**  
1975. See Veiga, A. F. de S. L. et al., 1975.
- Washington, Adam L.**  
2018. See Parnell, A. J. et al., 2018.
- Washko, Susan**  
2018. Preliminary evaluation of butterfly diversity and rural agriculture in montane Costa Rica. *Entomological News* 127(3): 198-214, 5 figs., 3 tabs. (18 January) [general]
- Wasielewski, Jeff**  
2019. See Martínez, JU. I. et al., 2019.
- Wassenaar, Leonard I.**  
1999. See Hobson, K. A. et al., 1999.  
2004. See Dockx, C. et al., 2004.  
2015. See Altizer, S. M. et al., 2015.  
2017a. See Flockhart, D. T. T. et al., 2017a.  
2017b. See Flockhart, D. T. T. et al., 2017b.
- Wassenaar Leonard I., and Keith A. Hobson**  
1998. Natal origins of migratory Monarch butterflies at wintering colonies in Mexico: New isotopic evidence. *Proceedings of the national Academy of Sciences of the United States of America* 95(26): 15436-15439, 3 figs., 1 tab. (22 December) [*Danaus plexippus* (Linnaeus)]
- Wassermann, Fred E.**  
1986. See Wourms, M. K. & F. E. Wassermann, 1986.
- Wasserthal, Lutz Thilo** [1940- ]  
1980. See Wasserthal, W. & L. T. Wasserthal, 1980.  
2003a. Respiratory system, pp. 189-203, 10 figs. In: Kristensen, N. P. (Ed.), Lepidoptera, moths and butterflies. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564 pp. ([1 December]) [general]  
2003b. Circulation and thermoregulation, pp. 205-228, 17 figs. In: Kristensen, N. P. (Ed.), Lepidoptera, moths and butterflies. Volume 2: Morphology, physiology, and development. *Handbuch der Zoologie* 4(36): xii + 564



- pp. ([1 December]) [general]
- Wasserthal, Lutz Thilo, and Wiltrud Wasserthal**  
1977. Ultrastructure of a scent scale organ with pressure discharge in male *Caligo eurilochus brasiliensis* (Fldr.) (Lepidoptera: Brassolidae). *Cell and Tissue Research* 177: 87-103, 31 figs. [morphology; Brazil]
- Wasserthal, Wiltrud**  
1977. See Wasserthal, L. T. & W. Wasserthal, 1977.
- Wasserthal, Wiltrud, and Lutz Thilo Wasserthal**  
1980. Multinucleate neurons with neurohaemal and synapsing axons at the heart and alary muscles of the butterfly *Caligo beltrao* Illiger (Lepidoptera). *Cell and Tissue Research* 212(3): 351-362, 15 figs. [Brazil]
- Watanabe, Keiichiro, Takayuki Hoshino, Kazuhiro Kanda, Yuichi Haruyama and Shinji Matsui**  
2005. Brilliant blue observations from a *Morpho*-butterfly-scale quasi-structure. *Japanese Journal of applied Physics* 44(1): L48-L50, 5 figs. [morphology]
- Watanabe, Maria Aico**  
2007. Pragas da bananeira atacando *Heliconia latispatha* Benth. (Heliconiaceae). *Neotropical Entomology* 36(2): 312-313 (March-April) [*Caligo illioneus* (Cramer); host plant; Brazil]
- Watanabe, Sara Yuri Medeiros**  
2016. See Lima Neto, J. E. et al., 2016.
- Watanabe, Yasuyuki**  
2005a. Research journey of butterflies to Colombia in South America: Part 1. *Butterflies* (Tokyo) 39: 35-41, 20 figs. (20 March) [general]  
2005b. Research journey of butterflies to Colombia in South America: Part 2. *Butterflies* (Tokyo) 40: 34-40, 23 figs. (10 September) [general]
- Waterhouse, Charles Owen** [1843-1917]  
1880-90. *Aid to the identification of insects*. London, E. W. Janson. 1: 16 pp., pls. 1-8 (1880), pls. 9-83 (1881), pls. 84-100 (1882); 2: 29 pp., pls. 101-108 (August 1882), pls. 109-115 (October 1882), pls. 116-124 (December 1882), pls. 125-128 (January 1883), pls. 129-132 (April 1883), pls. 133-136 (July 1883), pls. 137-140 (October 1883), pls. 141-144 (February 1884), pls. 145-148 (May 1884), pls. 149-152 (November 1884), pls. 153-156 (April 1885), pls. 157-160 (June 1885), pls. 161-164 (October 1885), pls. 165-168 (February 1886), pls. 169-172 (July 1886), pls. 173-176 (February 1887), pls. 177-180 (January 1888), pls. 181-184 (May 1889), pls. 185-189 (September 1890) [general]  
1906. *Alphabetical list of the previous owners of collections of insects which contained types when acquired by the Museum: with which are incorporated the names of the chief authors of types preserved in the Museum*, pp. 579-601. In: *The history of the collections contained in the Natural History departments of the British Museum*. London, Trustees of the British Museum. 2 [general; Neotropics]
- Waterhouse, Douglas Frew** [1916-2000]  
2000. See Klein, C. & D. F. Waterhouse, 2000.
- Waterhouse, Douglas Frew, and Kenneth Richard Norris**  
1987. *Clidemia hirta* (Linnaeus) D. Don, pp. 318-322, 1 tab., 1 map. In: *Biological control Pacific prospects*. Melbourne, Australian Centre for International Agricultural Research. [*Thecla leucophaeus* (Hübner); host plant; Trinidad]
- Waterhouse, Gustavus Athol** [1877-1950]  
1938. Notes on Jones' *Icones* (Lepidoptera) (With footnotes and Appendix by Sir Edward Poulton). *Proceedings of the royal entomological Society of London* (A) 13(1/3): 9-17 (26 March) [general]
- Waterhouse, Gustavus Athol, and Rowland Edwards Turner**  
1904. Notes on Hesperidae [sic] described by Mabille and reputed to be Australian. *Victorian Naturalist* 21(8): 109-110 (8 December) [*Hesperilla saxula* Mabille; Costa Rica]
- Waterston, James** [1879-1930]  
1923. Notes on parasitic Hymenoptera. *Bulletin of entomological Research* 14(1): 103-118, 8 figs. (30 July) [Brassoliniinae; Panama, South America]
- Waterston, John MacLaren** [1911- ]  
1941. *A list of food-plants of some Bermuda insects*. Hamilton, Bermuda Department of Agriculture. 63 pp. [general]  
1943. Plant protection in Bermuda. *Bulletin. Department of Agriculture* (Hamilton) 21: [4] + ii + 102 pp. [*Calpodus ethlius* (Cramer), *Pieris rapae* (Linnaeus); host plants]
- Watkins, James E.**  
2011. See Laurance, W. F. et al., 2011.
- Watkins, H. T. G.**  
1923. Notes on the butterflies of the Banks collection. *Entomologist* 56(724): 204-209 (September) [general]  
1924. New *Argynnis* races and notes. *Annals and Magazine of natural History* (9)13(76): 454-460 (1 April) [general; *A. cytheris falklandica*; Falkland Islands]  
1928. New satyrid butterflies. *Annals and Magazine of natural History* (10)1(5): 615-618 (1 May) [general; *Antirrhaea porphyrosticta*; Ecuador]  
1939. A new satyrid butterfly. *Annals and Magazine of natural History* (11)4(19): 160 (1 July) [*Corades pax*; Venezuela]
- Watkins, William** [1849-1900]  
1899. *Morpho cacica*, Staudinger. *Entomologist* 32(432): 121 (May) [Peru]
- Watson, Allan**  
1975. See Laithwaite, E. et al., 1975.
- Watson, Edward Yerbury** [? -1897]  
1893. A proposed classification of the Hesperidae, with a revision of the genera. *Proceedings of the zoological Society of London* 1893(1): 3-132, pls. 1-3 (1 June) [general; new genera: *Mysoria*, *Amenis*, *Yanguna*, *Mahotis*, *Sarbia*, *Ardaris*, *Jemadia*, *Microceris*, *Polythrix*, *Tarsoctenus*, *Hypocryptothrix*, *Chrysoplectrum*, *Nascus*, *Bungalotis*, *Drephalys*, *Oechydrus*, *Porphyrogenes*, *Ablepsis*, *Murgaria*, *Paradros*, *Grynopsis*, *Neonoma*, *Potamanax*, *Argopteron*; Neotropics]
- Watson, Frank Edward** [1877-1947]  
1916. [A note]. *Journal of the New York entomological Society* 24(2): 165 (June) [*Calisto* spp.; West Indies]  
1937. New Hesperidae from the Antilles (Lepidoptera; Rhopalocera). *American Museum Novitates* 906: 1-10 (16 January) [*Wallengrenia otho mutchleri*, *Panoquina nero belli*, *P. sylvicola woodruffi*, *Rhinton bushi*, *Godmania borincona*]  
1938. A new *Eurema* from Puerto Rico (Lepidoptera: Rhopalocera). *American Museum Novitates* 971: 1-2 (25 April) [*E. sanjuanensis*]
- Watson, John**  
1862. On certain scales of some diurnal Lepidoptera. *Memoirs of the Manchester literary and philosophical Society* (3)2: 63-70, pls. 2-3 [general; Neotropics]  
1865. On the microscopical examination of the plumules, &c., of certain diurnal Lepidoptera, as a means of specific diagnosis. *Entomologist's monthly Magazine* 2(13): 1-

- 2, 9 figs. (June) [general]
1866. On the plumules or battledore scales of Lycaenidae. *Memoirs of the Manchester literary and philosophical Society* (3)3: 128-133, pls. 1-3 [general; Colombia, Brazil]
1867. Further remarks on the plumules or battledore scales of some of the Lepidoptera, with illustrations by Mr. J. Sidebotham. *Memoirs of the Manchester literary and philosophical Society* (3)3: 259-269, pls. 5-7 [general; South America]
1895. On the rearrangement of the Fabrician genus *Colias*, and the proposal of a new genus of Pierinae. *Entomologist* 28(385): 166-168 (June) [general]
1899. On *Calinaga*, the single genus of an aberrant subfamily of butterflies. *Memoirs of the literary and philosophical Society of Manchester* 43(11): 1-23, pls. 4-6 (8 September) [general; morphology; South America]
- Watson, Thomas R.**  
1986. See Seiber, J. N. et al., 1986.
- Watt, Ward B.**  
1998. See Pollock, D. D. et al., 1998.  
2006. See Chew, F. S. & W. B. Watt, 2006.  
2008. See Wheat, C. W. & W. B. Watt, 2008.  
2011. See Bonebrake, T. C. et al., 2011.
- Watt, Ward B., and Carol L. Boggs**  
2003. *Synthesis: Butterflies as model systems in ecology and evolution - Present and future*, pp. 603-613. In: Boggs, C. L., W. B. Watt & P. R. Ehrlich (Eds.), *Butterflies. Ecology and Evolution taking flight*. Chicago, The University of Chicago Press. [general]
- Watts, John R.**  
1992. See Brower, L. P. et al., 1992.
- Wauer, Betty**  
2006. See Wauer, R. H. & B. Wauer, 2006.
- Wauer, Roland H.**  
2003. Rare & unusual Texas butterfly records. *News of the Lepidopterists' Society* 45(1): 5-6, 9, 8 figs. (15 April) [*Eunica monima* (Stoll), *Hamadryas februa* (Hübner), Hesperidae; Mexico]
- Wauer, Roland H., and Betty Wauer**  
2006. Cave butterflies at El Salto. *American Butterflies* 14(2): 36-37, 3 figs. [*Celaenorhinus fritzgaertneri* (Bailey); Mexico]
- Weatherspoon, Michael R., Ye Cai, Matija Crne, Mohan Srinivasarao and Kenneth H. Sandhage**  
2008. 3D rutile titania-based structures with *Morpho* butterfly wing scale morphologies. *Angewandte Chemie international Edition* 47(41): 7921-7923, 3 figs. (29 September; published online 4 September)
- Webb, Colin James, and Kamaljit Singh Bawa**  
1983. Pollen dispersal by hummingbirds and butterflies: a comparative study of two lowland tropical plants. *Evolution* 37(6): 1258-1270, 5 figs., 3 tabs. (October) [*Eurema daira* (Godart); Costa Rica]
- Weber, Edmund**  
1944. Neue Morphiden. *Mitteilungen der münchener entomologischen Gesellschaft* 34(1): 124-134, 6 pls. (1 December) [general; *Morpho achilles adelaide*, *M. leonte guines*, *M. l. ulrike*, *M. l. pseudoagamedes*, *M. l. orestes*, *M. l. pylades*, *M. l. heringi*, *M. l. songo*, *M. l. rentschi*, *M. l. ella*, *M. deidamia nausikaa*, *M. d. jason*, *M. d. snamenskii*, *M. d. grambergi*, *M. d. diomedes*, *M. perseus margareta*, *M. p. mutius*, *M. hercules itatiaya*, *M. h. viridus*, *M. hecuba olga*, *M. aega parva*; South America]
1951. Neue Morphiden und Neues über Morphiden. *Eos, Revista española de Entomología* 27(1): 69-78, 6 figs. (January-March) [general; *Morpho amathonte orientalis*, *M. menelaus niger*, *M. m. verae*, *M. didius didius* male form *albomarginalis*, *M. cypris erca*, *M. rhetenor columbianus* male form *kotzschii*, *M. r. cacica* male form *sybilla*, *M. laertes nikolajewna*, *M. adonis major* male form *gertrudis*; Colombia, Peru, Brazil, Ecuador]
1962. *Morpho leonte-fischeri* n. ssp. *Bericht der naturforschende Gesellschaft in Augsburg* 15: 109 (20 September) [Peru]
1963. Neue und wenig bekannte Morphiden (Lep.). *Entomologische Zeitschrift* 73(3): 17-23, 3 figs. (1 February) [general; *Morpho perseus sulla*, *M. penelope*, *M. menelaus amseli*, *M. didius roeberi*, *M. leonte forsteri*, *M. l. fagardi*; Mexico, Central and South America]
- Weber, Friedrich** [1781-1823]  
1795. *Nomenclator entomologicus secundum Entomologiam Systematicam ill. Fabricii adjectis speciebus recens detectis et varietatibus*. Chilonii et Hamburgii, Bohn. viii + 172 pp. [general]
- Weber, Neal Albert** [1908- ]  
1972. The entomology of Panamá, pp. 187-197, 2 figs. In: Jones, M. L. (Ed.), *The panamic Biota: Some observations prior to a sea-level canal*. *Bulletin of the biological Society of Washington* 2: viii + 269 pp., figs. [*Morpho*]
- Webster, Claire L.**  
2007. See Pringle, E. G. et al., 2007.
- Weddell, Nina**  
2005. Female receptivity in butterflies and moths. *Journal of experimental Biology* 208(18): 3433-3440, 1 fig. (15 September) [*Heliconius erato* (Linnaeus)]
- Wedderhoff, Alberto**  
1979. See Biezanko, C. M. et al., [1979].
- Weeks, Andrew Gray, Jr.** [1861-1931]  
1891a. New Lepidoptera. *Entomological News* 2(6): 102-104 ("June", [29 May]) [*Hypolycaena festata*, *Lemonias maxima*; Mexico]  
1891b. A new butterfly from Lower California. *Canadian Entomologist* 23(6): 126-127 (June) [*Pyrgus pelagica*]  
1900a. Illustrations of hitherto unfigured Lepidoptera. *Proceedings of the New England zoological Club* 2: 1-9, pls. 1-4 (30 June) [general; Mexico, Colombia]  
1900b. Illustrations of hitherto unfigured Lepidoptera. *Proceedings of the New England zoological Club* 2: 45-46, pl. 5 (15 December) [new species: *Lasaia rosamonda*; Colombia]  
[1900]c. *Illustrations of hitherto unfigured Lepidoptera*. [Boston]. 8 pp., 4 pls. [a preprint of the first signature of his *Illustrations of diurnal Lepidoptera*, 1905, q.v.] [cf. Weeks, 1902i]  
1901a. *Illustrations of hitherto unfigured Lepidoptera*. Boston, Author. 31 pp., 5 + 6 pls. (July) [a preprint of the first four signatures of his *Illustrations of diurnal Lepidoptera*, 1905, q.v.] [general; new genus: *Systaspes*; Mexico, Colombia, Bolivia]  
1901b. New diurnal Lepidoptera from Bolivia. *Canadian Entomologist* 33(10): 265-269 (3 October) [*Papilio cochabamba*, *Dynamine albidula*, *Amarynthis muscolor*, *Eurybia harl*]  
1901c. Descriptions of three new butterflies. *Proceedings of the New England zoological Club* 2: 71-74 (18 October) [*Lasaia kennethi*, *Heliconius spadicarius*, *Pamphila errator*; Bolivia]

- 1901d. New diurnal Lepidoptera from Bolivia. *Canadian Entomologist* 33(11): 293-296 (8 November) [*Pedaliodes primera*, *Thecla harrietta*, *Pyrrhopygopsis reedii*, *Pamphila argentea*]
- 1901e. Descriptions of new butterflies of the genera *Pamphila*, *Epinephele* and *Gorgythion*. *Proceedings of the New England zoological Club* 2: 79-83 (9 November) [*P. coroicana*, *P. vesana*, *P. viridenex*, *E. imbrialis*, *G. difficilis*; Bolivia]
- 1901f. Descriptions of seven new butterflies from Bolivia. *Proceedings of the New England zoological Club* 2: 85-90 (22 November) [*Pamphila alleni*, *P. idee*, *P. reedi*, *P. briquenydan*, *P. milesi*, *Terias floscula*, *Butleria duovata*]
- 1901g. New Lepidoptera from Bolivia. *Entomological News* 12(9): 264-267 ([4] November) [*Hymenitis andreas*, *Thecla infrequens*, *T. dieckei*, *Pamphila cusillunia*]
- 1901h. New diurnal Lepidoptera from Bolivia. *Canadian Entomologist* 33(12): 321-324 (10 December) [*Pythonides hirta*, *Thecla francis*, *Nisoniades tihoneta*]
- 1901i. Descriptions of ten new butterflies of the genus *Pamphila*. *Proceedings of the New England zoological Club* 2: 91-97 (23 December) [*P. artiei*, *P. coriconensis*, *P. warreni*, *P. serenus*, *P. alliancea*, *P. septimanus*, *P. planus*, *P. taberi*, *P. leopardus*, *P. hurleyi*; Bolivia]
- 1901j. Descriptions of some new butterflies of the genera *Thecla*, *Euptychia*, *Telegonus* and *Achlyodes*. *Proceedings of the New England zoological Club* 2: 101-108 (30 December) [*T. sadiei*, *T. lucaris*, *E. monahani*, *E. therkelsoni*, *T. finitimus*, *T. tritonae*, *A. guilfordi*, *A. fera*, *A. seatoni*; Bolivia]
- 1901k. Descriptions of nine new Bolivian butterflies. *Transactions of the american entomological Society* 27(45): 353-360 (December) [*Adelpha deborah*, *A. helepecki*, *Daedalma bronza*, *Euptychia luttela*, *Ithomia gardneri*, *Lycaena babhru*, *Metacharis indissimilis*, *Pamphila cuadrada*, *Phyciodes nortbrundii*]
- 1902a. Descriptions of six new butterflies from Bolivia. *Proceedings of the New England zoological Club* 3: 1-7 (17 January) [*Ceratinia acceptabilis*, *Taygetis puritana*, *Caligo gerhardi*, *Nisoniades menuda*, *Cystineura aurantia*, *Thymele bridgmani*]
- 1902b. Some undescribed butterflies from Colombia and from Lower California. *Proceedings of the New England zoological Club* 3: 9-13 (20 January) [*Ithomia sarcinarius*, *Pedaliodes mariona*, *Aricoris aurigera*, *Prenes californica*, *Lycaena maritima*]
- 1902c. New species of butterflies from Bolivia. *Entomological News* 13(4): 104-108 ([2] April) [*Lycaena ruberotheri*, *Cobalopsis duspecca*, *Cosmosatyrus nilesi*, *Syrichthus nigella*]
- 1902d. *Papilio cochabamba* A. G. Weeks, Jr. *Entomological News* 13(5): 129, pl. 5 ([3] May) [Bolivia]
- 1902e. New diurnal Lepidoptera from Bolivia. *Canadian Entomologist* 34(6): 138 (9 June) [*Pamphila barbara*]
- 1902f. *Heliconius spadicarius* A. G. Weeks, Jr. *Entomological News* 13(6): 169, pl. 7 (June) [Bolivia]
- 1902g. *Eurybia hari*, A. G. Weeks, Jr. *Entomological News* 13(7): pl. 12 (September)
- 1902h. [New Lepidoptera from Bolivia]. *Entomological News* 13(8): 235, pl. 13 ([4] October) [*Dynamine albidula* Weeks, *Amarynthis muscolor* Weeks, *Thecla infrequens* Weeks, *Hymenitis andreas* Weeks]
- 1902i. Bolivian Lepidoptera. *Entomological News* 13(10): 317 ([12] December) [note on prepublication of the first signature of his *Illustrations of diurnal Lepidoptera*, 1905]
1905. *Illustrations of diurnal Lepidoptera with descriptions*. Boston, The University Press. [1]: [1] + xii + 117 pp., frontisp., 45 pls. ([before August]) [general; Mexico, Colombia, Peru, Bolivia]
- 1906a. New Lepidoptera. *Canadian Entomologist* 38(3): 76-80 (28 February) [*Adelpha oronoco*, *Mesene rochesteri*, *Nymphidium blakei*, *Ithomia drogheda*, *Euselasia howlandi*; Venezuela]
- 1906b. New Lepidoptera from Venezuela. *Psyche* (Cambridge) 13(2/3): 67-73 (30 June) [with correction of pp. 67-68 on number 4, August] [*Carystus ambrosei*, *Pamphila verdanta*, *P. mengeli*, *P. winslowi*, *Erycides nakawara*, *Thymele pervivax* variety *aleanderi*, *Thanaos parkeri*, *Nisoniades plummertini*]
- 1906c. New Lepidoptera.- N 2. *Canadian Entomologist* 38(5): 174-178 (2 May) [*Aethilla buffumi*, *Pamphila bryanti*, *P. chinoba*, *Achlyodes melcheri*, *Plestia kikkawai*; Venezuela]
- 1906d. New species of butterflies. *Entomological News* 17(6): 195-204 ([6] June) [*Ecesia* [sic] *klagesii*, *Ithomia hamlini*, *Thecla madie*, *T. carteri*, *T. hosmeri*, *Euselasia tysoni*, *Charis suapure*, *Methonella carveri*, *Nymphidium quinoni*, *Carystus richardi*, *Pythonides hoyti*, *Pamphila bobae*, *P. brooksi*; Venezuela]
1909. New South American butterflies. *Entomological News* 20(6): 263-264 ([7] June) [*Carystus benchos*, *Callimormus elides*, *Atrytone chingachgook*; Bolivia, Venezuela]
1911. *Illustrations of diurnal Lepidoptera. With descriptions*. Boston, The University Press. 2: [12] + xvi + 37 pp., frontisp., 21 pls. [general; Venezuela, Bolivia]
- Weeks, Archibald C.** [?-1927?]
1905. [A note]. *Entomological News* 16(1): 30-31 ([5] January) [*Morpho hecuba* (Linnaeus); Brazil]
- Wehling, Martin F.**
2009. See Stavenga, D. G. et al., 2009.
- Wehling, Wayne, Carmelo Alejandro Núñez and Jeffrey Glassberg**
2006. Lime swallowtails in a New World. *American Butterflies* 14(2): 30-34, 7 figs. [*Papilio demoleus* Linnaeus; host plants; Hispaniola, Puerto Rico, Jamaica]
- Weiblen, George D.**
2011. See Basset, Y. et al., 2011.
2013. See Basset, Y. et al., 2013.
- Weidemeyer, John William** [1819-1896]
- 1863-64. Catalogue of North American butterflies. *Proceedings of the entomological Society of Philadelphia* 2(2): 143-154 (12 October 1863), (4): 513-542 (9 May 1864) [general; Mexico, Central America, West Indies]
- Weidenhoffer, Zdenek**
2006. See Pittaway, A. R. et al., 2006.
- Weidner, Herbert** [1911-2009]
1936. Beiträge zu einer Monographie der Raupen mit Gifthaaren. *Zeitschrift für angewandte Entomologie* 23(3): 432-484, 10 figs., 1 tab. (September) [*Morpho hercules* (Dalman), *M. laertes* (Drury); Brazil]
1974. Die entomologische Sammlungen der Zoologischen Instituts und Zoologischen Museums der Universität Hamburg. XI. Teil: Insecta. VIII. *Mitteilungen des Hamburg zoologischen Museums und Institut* 70: 181-266, 7 figs. (April) [general; list of type-specimens; Peru]
- Weigert, Giselind Thomas**
1974. See Angulo, A. O. & G. T. Weigert, 1974.

1976. See Angulo, A. O. & G. T. Weigert, 1974.  
 1982. See Angulo, A. O. & G. T. Weigert, 1982.
- Weingartner, Elisabet**  
 2003. See Wahlberg, N. et al., 2003b.  
 2006. See Peña, C. et al., 2006.  
 2009. See Wahlberg, N. et al., 2009.
- Weingartner, Elisabet, Niklas Wahlberg and Sören Nylin**  
 2006. Dynamics of host plant use and species diversity in *Polygonia* butterflies (Nymphalidae). *Journal of evolutionary Biology* 19(2): 483-491, 2 figs., 2 tabs. (March) [Mexico]
- Weintraub, Jason D.**  
 1995. *Host plant association patterns and phylogeny in the tribe Troidini (Lepidoptera: Papilionidae)*, pp. 307-316, 8 figs., 1 tab. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- Weintraub, Jason D. and James Stuart Miller**  
 1987. The structure and affinities of the Hedyloidea: a new concept of the butterflies.- M. J. Scoble. 1986. *Cladistics* 3(3): 299-304, 3 figs. (September) [general; systematics; article review]
- Weir, John Jenner [1822-1894]**  
 1892. Notes on some Lepidoptera captured in Jamaica by Dr. Percy Rendall. *Journal of the Institute of Jamaica* 1(3): 107 (May) [general]  
 1894a. [A note]. *Proceedings of the South London entomological & natural History Society* 1892-93: 34-35 [Danainae, Nymphalinae; Falkland Islands]  
 1894b. [A note]. *Proceedings of the South London entomological & natural History Society* 1892-93: 127-128 [*Heliconius rhea* (Cramer), *Papilio pausanias* Hewitson; mimicry]
- Weis, Arthur E., and May Roberta Berenbaum**  
 1989. *Herbivorous insects and green plants*, pp. 123-162, 7 figs., 5 tabs. In: Abrahamson, W. G. (Ed.), *Plant-animal interactions*. New York, McGraw-Hill Book Company. [general; host plants]
- Weiser, Emily L.**  
 2019. See Cariveau, A. B. et al., 2019.
- Weismann, Friedrich Leopold August [1834-1914]**  
 1878. Ueber Duftschuppen. *Zoologischer Anzeiger* 1(5): 98-99 (26 August) [general]  
 1902. *Vorträge über Descendenztheorie gehalten an der Universität zu Freiburg im Breisgau*. Jena, Gustav Fischer. 1: xii + 456 pp., figs. 1-95; 2: vi + 462 pp., 3 pls., figs. 35B, 96-131 (after 20 February) [general; evolution; mimicry]  
 1904. *Vorträge über Descendenztheorie gehalten an der Universität zu Freiburg im Breisgau*. Jena, Gustav Fischer. 1: xii + 340 pp., figs. 1-95; 2: vi + 344 pp., 3 pls., figs. 35B, 96-131 (after 15 July) [Ed. 2; Ed. 3, 1913] [general; evolution; mimicry]
- Weiss, Stuart B.**  
 [1989]. See Murphy, D. D. & S. B. Weiss, [1989].  
 2004. See Hellmann, J. J. et al., 2004.  
 2011. See Brower L. P. et al., 2011.
- Weiss, Stuart B., Paul M. Rich, Denis D. Murphy, William H. Calvert and Paul Ralph Ehrlich**  
 1991. Forest canopy structure at overwintering Monarch butterfly sites: Measurements with hemispherical photography. *Conservation Biology* 5(2): 165-175, 6 figs., 3 tabs. (June) [*Danaus plexippus* (Linnaeus); Mexico]
- Weissenhofer, Anton**  
 2010. See Albert, R. et al., 2010.
- Weissmann, Michael J., Robert Cecil Lederhouse and Frank C. Elia**  
 1995. *Butterfly gardening and butterfly houses and their influence on conservation in North America*, pp. 393-400, 2 figs., 3 tabs. In: Scriber, J. M., Y. Tsubaki and R. C. Lederhouse (Eds.), *Swallowtail butterflies: Their ecology and evolutionary biology*. Gainesville, Scientific Publishers. [general]
- Weitemier, Kevin**  
 2018. See Livshultz, T. et al., 2018.
- Welch, Victoria L.**  
 2009. See Bálint, Z. et al., 2009.
- Welch, Victoria L., and Jean-Pol Vigneron**  
 2007. Beyond butterflies – the diversity of biological photonic crystals. *Optical and Quantum Electronics* 39(4/6): 295-303, 7 figs., 1 tab. (March; published online 3 July) [*Thecla*; morphology]
- Welford, Mark**  
 2011. See Durden, L. A. & M. Welford, 2011.
- Wellenreuther, Maren**  
 2016. See Sánchez-Guillén, R. A. et al., 2016.
- Weller, Susan J.**  
 1998. The Butterflies of Costa Rica and their Natural History, Volume II: Riodinidae. Philip J. DeVries. 1997. *Annals of the entomological Society of America* 91(6): 892 (November) [general; book review]  
 2009a. See Janzen, D. H. et al., 2009.  
 2009b. See Roe, A. D. et al., 2009.  
 2009c. See Regier, J. C. et al., 2009.  
 2011. See Nieukerken, E. J. van et al., 2011.  
 2013. See Regier, J. C. et al., 2013.
- Weller, Susan J., and Dorothy P. Pashley**  
 1995. In search of butterfly origins. *Molecular Phylogenetics and Evolution* 4(3): 235-246, 6 figs., 4 tabs. (September) [general]
- Weller, Susan J., Dorothy P. Pashley and Julie Ann Martin**  
 1996. Reassessment of butterfly family relationships using independent genes and morphology. *Annals of the entomological Society of America* 89(2): 184-192, 3 figs., 3 tabs. (March) [general]
- Welling, Eduardo Cecilio [ -1995]**  
 1959a. Some Mayan names for certain Lepidoptera in the Yucatán Peninsula. *Lepidopterists' News* 12(3/4): 118 (26 January) [general; Mexico]  
 1959b. More observations on the "pumping" action of moths at water, with notes on observations at Quintana Roo. *Lepidopterists' News* 12(5/6): 170-172 (30 April) [general; Mexico]  
 1960. Notes on butterfly migrations in the peninsula of Yucatán. *Journal of the Lepidopterists' Society* 13(2): 62-64 (12 February) [general; Mexico]  
 1962a. Zone IX: Northern Neotropics - Mexico, British Honduras, Jamaica reporting, p. 14. In: Season's summary, 1961. *News of the Lepidopterists' Society* 1962(3): 1-14 (15 April) [general; Belize, Jamaica]  
 1962b. Addition to season summaries. *News of the Lepidopterists' Society* 1962(4): 1 (1 June) [general]  
 1963. Rhopalocera attracted by ultraviolet light in Central America. *Journal of the Lepidopterists' Society* 17(1): 37-38 (26 August) [general; Mexico, Belize]  
 1964. Butterfly migrations in southeastern Mexico during 1963 and 1964. *Journal of the Lepidopterists' Society* 18(4): 229-230 (29 December) [general]  
 1965. North American season summary for 1964. Northern Neotropics. *News of the Lepidopterists' Society*

- 1965(3): 12-14 (15 April) [general; Mexico, Central America, West Indies]
- 1966a. North American annual summary for 1965. Northern Neotropics. *News of the Lepidopterists' Society* 1966(3): 11-12 (15 April) [general; Mexico, Central America]
- 1966b. Flight habits of *Morpho theseus justitiae*. *Journal of the Lepidopterists' Society* 20(2): 95-101 (31 May) [Mexico]
- 1966c. Devastation of Yucatecan forests, with notes on insect abundance and formation of local climates. *Journal of the Lepidopterists' Society* 20(4): 201-205 (30 November) [general; Mexico]
1968. North American annual summary for 1967 (continued). *News of the Lepidopterists' Society* 1968(4): 5-7 (1 June) [general; Mexico]
1969. North American annual summary for 1969 [sic!]. The Northern Neotropics. *News of the Lepidopterists' Society* 1969(3): 20-21 (15 April) [general; Mexico]
- 1970a. North American annual summary for 1969. The Northern Neotropics. *News of the Lepidopterists' Society* 1970(3): 18-19 (15 April) [general; Mexico, Belize]
- 1970b. 1969 field season summary: more additions and corrections. *News of the Lepidopterists' Society* 1970(5): 9 (15 July) [*Papilio* spp.; Mexico]
1971. Annual field season summary for 1970. Northern Neotropics. *News of the Lepidopterists' Society* 1971(3): 8 (15 April) [general; Mexico]
1972. 1971 field season summary. Zone 9: The Northern Neotropics. *News of the Lepidopterists' Society* 1972(2): 15-16 (15 March) [general; Mexico]
- 1973a. The 1972 field season summary. Zone 9: The Northern Neotropics. *News of the Lepidopterists' Society* 1973(2): 19 (15 March) [*Polygonus leo arizonensis* (Skinner); Mexico]
- 1973b. 1972 field season summary: Corrections and additions. Zone 9: Northern Neotropics. *News of the Lepidopterists' Society* 1973(3): 5-6 (15 May) [general; Mexico, Aruba, Guatemala]
- 1973c. A massive migration of *Kricogonia* (Pieridae) in Campeche, México. *Journal of the Lepidopterists' Society* 27(2): 154-155 (16 May)
1974. The 1973 field season summary. Zone 9: Northern Neotropics: Mexico and Central America. *News of the Lepidopterists' Society* 1974(2): 16 (25 June) [general; Belize]
1975. The 1974 field season summary. Zone 9: Northern Neotropics: Mexico and Central America. *News of the Lepidopterists' Society* 1975(2/3): 17 (1 June) [general; Guatemala]
1976. The 1975 field season summary. The Northern Neotropics. *News of the Lepidopterists' Society* 1976(2): [16] (15 May) [general; Mexico, Guatemala, West Indies]
1977. Field Summary 1976. Zone 9: Northern Neotropics. *News of the Lepidopterists' Society* 1977(2): 19-21 (March-April) [general; Mexico, Belize, Guatemala]
1978. Field Summary. Zone 9: The Northern Neotropics. *News of the Lepidopterists' Society* 1978(3): 6-7 (May-June) [general]
1979. Field summary for 1978. Zone 9: Northern Neotropics. *News of the Lepidopterists' Society* 1979(2): 18 (March-April) [general; Mexico, El Salvador]
1980. 1979 season summary. Zone 9: Northern Neotropics. *News of the Lepidopterists' Society* 1980(2): 26 (March-April) [general; Mexico]
1981. 1980 season summary. Zone 9: Northern Neotropics. *News of the Lepidopterists' Society* 1981(2): 27-28 (March-April) [general; Puerto Rico, Mexico, Guatemala]
1982. 1981 season summary. Zone 9: Northern Neotropics. *News of the Lepidopterists' Society* 1982(3): 45-46 (May-June) [general]
1983. 1982 season summary. Zone 9. Northern Neotropics. *News of the Lepidopterists' Society* 1983(2): 33 (March-April) [general; Mexico]
1984. 1983 season summary. Zone 9. Northern Neotropics: Mexico, Central America. *News of the Lepidopterists' Society* 1984(2): 35 (March-April) [general]
1985. 1984 season summary. Zone 12. *News of the Lepidopterists' Society* 1985(2): 31-32 (March-April) [general]
1986. 1985 season summary. Zone 12 Northern Neotropics: Mexico, Central America, Antilles. *News of the Lepidopterists' Society* 1986(2): 37 (March-April) [general]
1987. Zone 12. The Northern Neotropics: Mexico, Central America, the Antilles, p. 39. In: 1986 Season Summary. *News of the Lepidopterists' Society* 1987(2): 13-41 (March-April) [general]
- 1988a. Zone 12. The northern Neotropics: Mexico, Central America, the Antilles, p. 39. In: 1987 Season Summary. *News of the Lepidopterists' Society* 1988(2): 13-42 (March-April) [general]
- 1988b. Season Summary addenda. 1987 report for Sonora, Mexico. *News of the Lepidopterists' Society* 1988(5): 79 (September-October) [*Autochton cincta* (Plötz), *Oarisma edwardsi* Barnes]
1989. 1988 Season Summary continued. *News of the Lepidopterists' Society* 1989(6): 77-78 (November-December) [general; Mexico, Central America, Antilles]
1990. Zone 12. The northern Neotropics: Mexico, Central America, the Antilles, pp. 31-32. In: 1989 Season Summary. *News of the Lepidopterists' Society* 1990(2): 13-34 (March-April) [general]
1991. Zone 12. The northern Neotropics: Mexico, Central America, the Antilles. In: 1990 Season Summary continued. *News of the Lepidopterists' Society* 1991(5/6): 85-86 (November-December) [general]
1992. Zone 12. The northern Neotropics: Mexico, Central America, the Antilles, pp.28-29. In: 1991 Season Summary. *News of the Lepidopterists' Society* 1992(2):1-31 (March-April) [general; Belize]
- Wells, Harrington [1900-1965], and Patrick H. Wells**
1992. The Monarch butterfly: A review. *Bulletin of the Southern California Academy of Sciences* 91(1): 1-25, 11 figs. (April) [*Danaus plexippus* (Linnaeus); ecology; distribution; Mexico]
- Wells, Harrington, Patrick H. Wells and Peyton Cook**
1990. The importance of overwinter aggregation for reproductive success of Monarch butterflies (*Danaus plexippus* L.). *Journal of theoretical Biology* 147: 115-131, 6 figs. [Mexico]
- Wells, Harrington, Patrick H. Wells and Steffen H. Rogers**
1993. Is multiple mating an adaptive feature of Monarch butterfly winter aggregation? *Science Series. Natural history Museum of Los Angeles County* 38: 61-68, 5 figs. (18 February) [*Danaus plexippus* (Linnaeus); Mexico]
- Wells, Michael**
1987. See Bowers, M. D. et al., 1987.
- Wells, Patrick H.**
1990. See Wells, H. et al., 1990.

1992. See Wells, H. & P. H. Wells, 1992.
1993. See Wells, H. et al., 1993.
- Wells, Susan M., Robert Michael Pyle and Nicholas Mark Collins**
1983. *The IUCN Invertebrate Red Data Book*. Gland, International Union for the Conservation of Nature and Natural Resources. [6] + i-1 + 1-632 pp., figs. [general]
- Wendt, Juliano Gil Nunes**
1999. See Carvalho, A. C. de et al., 1999.
- Wendt, Juliano Gil Nunes, and Acácio Geraldo de Carvalho**
2001. Biologia e consumo foliar por *Urbanus esmeraldus* Butler (Lepidoptera: Hesperidae) em três espécies da família Leguminosae. *Floresta e Ambiente* (Seropédica) 8(1): 11-17, 4 tabs. (January-December) [host plants; Brazil]
2006. Consumo foliar de *Phaseolus vulgaris* L. (Leguminosae) por *Urbanus acawoios* Willians [sic], 1926 (Lepidoptera: Hesperidae). *Biotemas* (Florianópolis) 19(1): 19-23, 1 tab. (March) [Brazil]
2007. Desenvolvimento de *Urbanus acawoios* (Williams, 1926) (Lepidoptera: Hesperidae) em cultivares de *Phaseolus vulgaris* L. (Leguminosae). *Revista de Ciências agroveterinárias* (Lages) 5(2): 93-101, 3 tabs. (after 2 March) [life history; Brazil]
- Wendt, Juliano Gil Nunes, Acácio Geraldo de Carvalho and Iole Fernanda da Silva**
2011. Parâmetros biológicos de *Urbanus acawoios* (L.: Hesperidae) em diferentes cultivares de *Phaseolus vulgaris* L. *Revista brasileira de Ciências agrárias* 6(4): 596-601, 4 tabs. (December) [Brazil]
- Wendt, Juliano Gil Nunes, Carlos Alberto Martinelli de Souza and Acácio Geraldo de Carvalho**
2012. Análise do consumo foliar por *Urbanus esmeraldus* em leguminosas no Estado do Rio de Janeiro. *Revista científica eletrônica de Engenharia florestal* 19(10): 1-12, 2 figs., 4 tabs. (February) [host plants; Brazil]
- Wenzel, Eduard** - See X. Y. Z.
- Wenzel, John W.**
1995. See Miller, J. S. & J. W. Wenzel, 1995.
- Werding, Lutz, Maria Julieta Ledezma and Alejandra Valdivia**
- [2017]. *Mariposas diurnas de Chiquitos*. Santa Cruz, Centro Ecológico Chiquitos. 85 pp., 22 pls., figs., 1 tab. ("2016", [2017]) [general; Bolivia]
- Wermelinger, Eduardo Dias**
2009. See Zanuncio, J. C. et al., 2009.
- Werner, Alfred** [1911-1979]
1949. *Tropical Butterflies*. New York, A. A. Wyn, Inc. 43 pp., 23 pls. [*Papilio vertumnus* Cramer]
1970. *Butterflies and moths*. London, Andre Deutsch Ltd. 138 pp., 38 pls. [Ed. 3; Ed. 1, 1956; Ed. 2, 1965] [general; Neotropics]
- Wernicke, Hermann** [1851-1925]
1916. [Notes]. In: Strand, E., *Lepidoptera Niepeltiana. 2. Teil*. Zirlau, Wilhelm Niepelt. [6] + 26 pp., pls. 13-17 (December) [*Papilio* spp.; Venezuela]
- Werren, John H., Donald Montgomery Windsor and Lirong Guo**
1995. Distribution of *Wolbachia* among neotropical arthropods. *Proceedings of the royal Society of London* (B) 262(1364): 197-204, 2 tabs. (22 November) [general; Panama]
- Wesley, David J., and Thomas Chadbourne Emmel**
1975. The chromosomes of Neotropical butterflies from Trinidad and Tobago. *Biotropica* 7(1): 24-31, 35 figs., 1 tab. (April) [general]
- Wesou, Chen**
1982. See Komae H. et al., 1982.
- West, Brian Kenneth**
1966. Butterflies of New Providence Island, Bahamas. *Entomologist's Record and Journal of Variation* 78(7/8): 174-179 (15 August), (9): 206-210 (15 September) [general]
1989. Butterflies of New Providence Island, Bahamas, a further review. *Entomologist's Record and Journal of Variation* 101(5): 109-112 (15 May) [general]
- 1993a. A migration of *Colias lesbia* Fab. (Lep.: Pieridae) in Argentina. *Entomologist's Record and Journal of Variation* 105(9/10): 238 (15 September)
- 1993b. Farther afield: The Andes - Venezuela. *Entomologist's Record and Journal of Variation* 105(11/12): 261-270 (15 November) [general]
1996. *Hypanartia lethe* Fab., ssp. *demonica* Hübner, 1821 (Lep.: Nymphalidae): A synonym designated a subspecies. *Entomologist's Record and Journal of Variation* 108(11/12): 289-290, pl. F (15 November)
1997. The enchanted building. *Entomologist's Record and Journal of Variation* 109(3/4): 77-79 (25 March) [general; behavior; Argentina]
1999. *Marpesia eleuchea* Hb. (Lep.: Nymphalidae) in Cuba: advantage of a false head. *Entomologist's Record and Journal of Variation* 111(6): 273-274, pl. D (25 November) [behavior; Bahamas]
- West, David Armstrong** [1933-2015]
1985. The Batesian polymorphic butterfly *Eurytides lysithous*. *National geographic Society Research Reports* 21: 501-506, 2 figs., 1 tab. [genetics; mimicry; Brazil]
1987. Pupae of *Eurytides thyastes* and other leptocircine swallowtails. *Journal of the Lepidopterists' Society* 41(2): 114-115, 1 fig. (26 June) [general; morphology; Neotropics]
1988. See Krebs, R. A. & D. A. West, 1988.
1994. Unimodal Batesian polymorphism in the Neotropical swallowtail butterfly *Eurytides lysithous* (Hbn.). *Biological Journal of the Linnean Society* 52(3): 197-224, 7 figs., 10 tabs. ("July", [7 June]) [genetics; Brazil]
2003. *Fritz Müller. A naturalist in Brazil*. Blacksburg, Pocahontas Press, Inc. viii + 376 pp., frontisp., 17 figs., 5 maps [general; history; natural history; mimicry]
2016. *Darwin's man in Brazil. The evolving science of Fritz Müller*. Gainesville, University Press of Florida. xxii + 316 pp., frontisp., figs. ([19 July]) [general; history; natural history; mimicry]
- Westerkamp, Christian**
2011. See Pacheco Filho, A. J. de S. et al., 2011.
- Westerman, Erica L.**
2019. Searching for the genes driving assortative mating. *PLoS Biology* 17(2)(e3000108): 1-6, 1 fig. (7 February) [*Heliconius melpomene* (Linnaeus), *H. cydno* Doubleday]
- Westerman, Erica L., Nicholas W. VanKuren, Darli Massardo, Ayşe Tenger-Trolander, Wei Zhang, Ryan I. Hill, Michael W. Perry, Erick Bayala, Kenneth Barr, Nicola L. Chamberlain, Tracy E. Douglas, Nathan Buerkle, Stephanie E. Palmer and Marcus R. Kronforst**
2018. *Aristaless* controls butterfly wing color variation used in mimicry and mate choice. *Current Biology* 28(21): 3469-3474, 3 figs. (5 November; published online 25 October) [*Heliconius*]
- Western, Craig A.**
2002. See Starr, C. K. et al., 2002.

**Westwood, John Obadiah** [1805-1893]

1834. Description of the nest of a gregarious species of butterfly from Mexico. *Transactions of the entomological Society of London* 1(1): 38-44, pl. 6 (7 November) [new genus and species: *Eucheira socialis*]
1835. *Butterfly*, pp. 651-655, 2 pls. In: Partington, C. F. (Ed.), *The British Cyclopaedia of Natural History: combining a scientific classification of animals, plants, and minerals; with a popular view of their habits, economy and structure. By authors eminent in their particular department.* London, W. S. Orr & Smith. 1: viii + xvi + 796 pp., 20 pls., figs. [general]
- 1837a. *Lepidoptera*, pp. 42-44. In: Partington, C. F. (Ed.), *The British Cyclopaedia of Natural History...* London, W. S. Orr & Co. 3: [vi] + 844 pp., 11 pls., figs. [general]
- 1837b. *Illustrations of exotic entomology, containing upwards of six hundred and fifty figures and descriptions of foreign insects, interspersed with remarks and reflections on their nature and properties by Dru Drury. A new edition, brought down to the present state of the science, with the systematic characters of each species, synonyms, indexes, and other additional matter.* London, Henry G. Bohn. 1: xxvi + 123 pp., 50 pls.; 2: vi + 100 pp., 50 pls.; 3: vi + 94 pp., 50 pls. ([26 August]) [general]
1838. *The Entomologist's Textbook; an Introduction to the Natural History, Structure, Physiology, and Classification of Insects, including the Crustacea and Arachnida.* London, William S. Orr and Company. x + 432 pp., 5 pls., figs. [general]
- 1839-40. *An introduction to the modern classification of insects; founded on the natural habits and corresponding organisation of the different families.* London, Longman. 2(9): 1-128 (January 1839), (10): 129-192 (February 1839), (11): 193-224 (March 1839), (12): 225-256 (April 1839), (13): 257-288 (June 1839), (14): 289-352 (November 1839), (15): 353-400 (January 1840), (16): 401-587 ([1] June 1840), figs. 57-133 [general; morphology; behavior]
- [1841]-42a. *Arcana entomologica; or illustrations of new, rare and interesting insects.* London, William Smith. 1(1): 1-16, pls. 1-4 ([1 May 1841]), (2): 17-32, pls. 5-8 ([1 July 1841]), (3): 33-48, pls. 9-12 ([1 September 1841]), (4): 49-64, pls. 13-16 ([1 November 1841]), (5): 65-80, pls. 17-20 (1 January 1842), (6): 81-96, pls. 21-24 (1 March 1842), (7): 97-112, pls. 25-28 (1 May 1842), (8): 113-128, pls. 29-32 (1 July 1842), (9): 129-144, pls. 33-36 (1 September 1842), (10): 145-160, pls. 37-40 (1 November 1842) [general; new species: *Papilio montezuma*; Mexico]
- 1842b. *Natural history of the insects of China, containing upwards of two hundred and twenty figures and descriptions, by E. Donovan, F.L.S. & W.S. A new edition, brought down to the present state of the science, with systematic characters of each species, synonyms, indexes, and other additional matter.* London, Henry G. Bohn. [vi] + 96 pp., 50 pls. [general]
- 1842c. *Natural history of the insects of India, containing upwards of two hundred and twenty figures and descriptions, by E. Donovan, F.L.S. & W.S. A new edition, brought down to the present state of the science, with systematic characters of each species, synonyms, indexes, and other additional matter.* London, Henry G. Bohn. [vi] + 102 pp., 58 pls. [general; Neotropics]
- 1843-45. *Arcana entomologica; or illustrations of new, rare and interesting insects.* London, William Smith. 1(11): 161-176, pls. 41-44 (1 January 1843), (12): 177-192, pls. 45-48 (1 March 1843); 2(13): 1-16, pls. 49-52 (1 May 1843), (14): 17-32, pls. 53-56 (1 July 1843), (15): 33-48, pls. 57-60 (1 September 1843), (16): 49-64, pls. 61-64 (1 November 1843), (17): 67-80, pls. 65-68 (1 January 1844), (18): 81-96, pls. "68"-71 (1 March 1844), (19): 97-112, pls. 72-75 (1 May 1844), (20): 113-128, pls. 76-79 (1 July 1844), (21): 129-144, pls. 80-83 (1 September 1844), (22): 145-160, pls. 84-87 (1 November 1844), (23): 161-176, pls. 88-94 (1 February 1845), (24): 177-192 + [i-iv], pl. 95 + pp. i-iv of volume 1 (1 June 1845) [*Papilio* spp.]
1847. Description of two new exotic species of the genus *Papilio*. *Transactions of the entomological Society of London* 5(2): 36-37, pl. 3 (30 September) [*P. erostratus*, *P. zetes*; Central America, República Dominicana]
1849. *The tenth order of insects - Lepidoptera*, Linn. (*Glossata*, Fabr.), pp. 603-614, pl. 33, figs. 126-131. In: Cuvier, G., *The Animal Kingdom, arranged after its organisation, forming a natural history of animals, and an introduction to comparative anatomy.* London, William S. Orr and Company ([1 February]) [Ed. 2] [general]
- 1850-52. In: Doubleday, E., *The genera of diurnal Lepidoptera: comprising their generic characters, a notice of their habits and transformations, and a catalogue of the species of each genus.* London, Longman, Brown, Green & Longmans. 1(54): i-xii, 143-144 ([12] August 1852), (32): 243-250 ([5] June 1850); 2(54): [1]-[2] ([12] August 1852), (32): 251-254 ([5] June 1850), (33): 255-266 ([early] July 1850), (34): 267-278 ([early] August 1850), (35): 279-290 ([early] September 1850), (36): 291-302 (1 October 1850), (37): 303-314, pl. 53 ([5] November 1850), (38): 315-326, pls. 54, 54\*, 55, 63, 65-66 ([6] December 1850), (39): 327-338 ([14] January 1851), (40): 339-350 ([10] February 1851), (41): 351-362, pl. 59 ([3] March 1851), (42): 363-374 ([2] April 1851), (43): 375-386, pl. 67 ([15] May 1851), (44): 387-398 ([17] June 1851), (45): 399-410, pl. 68 ([5] July 1851), (46): 411-418, pls. 69-70 ([6] August 1851), (47): 419-430, pl. 71 ([6] September 1851), (48): 431-442, pls. 72-73 ([10] October 1851), (49): 443-454 ([7] November 1851), (50): 455-466, pls. 74-77 ([5] December 1851), (51): 467-474 ([2] January 1852), (52): 475-486, pls. 78-79 ([4] March 1852), (53): 487-502, pl. 80 ([26] April 1852), (54): 503-534, supplementary pl. ([12] August 1852) [general; host plants; larvae, pupae, imagines; morphology; behavior; ecology; zoogeography; new taxa: *Epicalia nyctimus*, *Timetes corita*, *Paphia xenocles*, *P. electra*, *P. xenocrates*, *Siderone itylus*, *S. zethus*, *Morpho polyphemus*, *M. aurora*, *M. ganymede*, *M. hebe*, *M. cypris*, *Dasyophthalma*, *Opsiphanes soranus*, *Narope cyllabarus*, *N. cyllarus*, *Brassolis macrosiris*, *Pronophila cordillera*, *P. puerta*, *P. zapatoza*, *P. taurophilis*, *Steroma* (new genus) *beqa*, *Lymanopoda* (new genus) *samius*, *L. ionius*, *Sarromia* (new genus) *obsoleta*, *Eurybia lycisca*, *Alesa* (new genus) *smaragdifera*, *Helicopsis dematria*, *Barbicornis mona*, *Anteros otho*, *A. carausius*, *A. allectus*, *Erycina belphegor*, *Necyria* (new genus) *bellona*, *N. duellona*, *Lyropteryx* (new genus) *apollonia*, *L. terpsichore*, *Cyrenia* (new genus) *martia*, *Hades* (new genus) *noctula*, *Calydna euthria*, *Eurigona* [sic] *zara*, *Eurygona opalina*, *Theope eudocia*, *Pandemos areuta*, *Mesene hya*, *Panara barsacus*, *Symmachia praxila*, *S.*

- accusatrix*, *S. juratrix*, *Emesis fatimella*, *Nymphidium azan*, *N. platea*, *Aricoris* (new genus) *tisiphone*, *A. serica*, *A.* (new subgenus *Setabis*) *myrtis*, *Baeotis parthenis*, *B. cydias*, *B. aerope*, *B. trochilia*, *Charis perone*, *Mesosemia formosa*, *M. gneris*, *M.* (new subgenus *Mesophthalma*) *idotea*, *M.* (new subgenus *Perophthalma*) *tenera*, *Cremna orpheus*, *Lemonias ion*, *L. nepia*, *L. irene*, *Anatole glaphyra*, *A. erostratus*, *Limnas smithiae*, *L. inaria*, *Themone*, *Siseme* (new genus) *alectryo*, *Eunogyra* (new genus) *satyrus*, *Parnes* (new genus) *nycteis*, *P. philotes*, *Stalactis* [sic] *magdalena*, *Thecla ducalis*, *T. ambrax*, *Pyrrhopyga charybdis*, *Ericides* [sic] *machaon*, *Erycides urania*, *Goniloba*, *Telegonus hesus*, *Thracides aristoteles*, *Phareas* (new genus) *coeleste*, *Pythonides loxus*, *Pyrgus pseudo-jovianus*, *Paramimus empolaeus*, *Nisoniades costalis*, *Pamphila venezuelae*, *Achlyodes pausus*, *Hesperia sanguinalis*; Neotropics]
1858. On the Oriental species of butterflies related to the genus *Morpho*. *Transactions of the entomological Society of London* (2)4(6): 158-189 (25 January) [general]
1863. *The tenth order of insects, - Lepidoptera*, Linn. (*Glossata Fabr.*), pp. 603-614, pls. 43-44, figs. 126-131. In: Cuvier, G., *The Animal Kingdom, arranged after its organisation; forming a natural history of animals, and an introduction to comparative anatomy*. London, Henry G. Bohn. xxii + 706 pp., 45 pls., 500 figs. [general]
1866. On the data afforded by the Burchellian collection as to geographical and modificational ranges of certain Brazilian insects. *Proceedings of the Ashmolean Society* (2)1: 8-11 [general; Heliconiinae]
1867. [A note]. *Proceedings of the entomological Society of London* (3)5(6): xxxvi-xxviii (6 May) [general; mimicry]
1872. Descriptions of some new Papilionidae. *Transactions of the entomological Society of London* 1872(2): 85-110, pls. 3-5 (15 May) [general; *Papilio burchellanus*, *P. chiansiades*, *P. (Euryades) reevii*; Brazil, Ecuador, Argentina]
- 1873-74. *Thesaurus entomologicus oxoniensis; or, illustrations of new, rare and interesting insects, for the most part contained in the collections presented to the University of Oxford by the Rev. F.W. Hope, M.A., D.C.L., F.R.S., &c. With forty plates from drawings by the author*. Oxford, Clarendon Press. (1): 1-56, pls. 1-10 (December 1873), (2): 57-112, pls. 11-20 (March 1874), (3): 113-168, pls. 21-30 (June 1874), (4): 169-205, i-xxiv, pls. 31-40 (September 1874) [general]
1877. A monograph of the lepidopterous genus *Castnia* and some allied groups. *Transactions of the Linnean Society of London (Zoology)* (2)1: 155-207, pls. 28-33 [*Aegiale kollari* Felder, *Megathymus* spp.; morphology]
1879. [Notes]. *Proceedings of the entomological Society of London* 1878(5): liv-lv (3 March) [*Perrhybris pyrrrha* (Cramer); gynandromorph]
- Wetherbee, David Kenneth** [1927-1997]
1984. *An instant survey of St. Croix, V. I. natural history*. Boston, Author. 77 pp., figs. [general]
- 1985a. *The historical development of Comparative Zoology in the West Indies*. Shelburne, Author. 75 pp. [general]
- 1985b. *Zoological exploration of Haiti for endemic species (Supplementing a similar work on República Dominicana)*. Shelburne, Author. 557 pp., figs. [general; history]
- 1985c. *Zoological exploration of the Bahamas for endemic species*. Shelburne, Author. 54 pp. [general; history]
- 1985d. *Zoological exploration of Jamaica for endemic species*. Shelburne, Author. 212 pp., figs. [general; history]
- 1985e. *Zoological exploration of Cuba for endemic species*. Shelburne, Author. 223 pp., figs. [general; history]
- 1985f. *The Sphinx-moths (Sphingidae) of Hispaniola and the 18th Century moth paintings of Rabié*. Shelburne, Author. 69 pp., figs. [*Papilio aristodorus* Esper, *P. machaonides* Esper, *Anetia pantherata* (Martyn), *Panoquina nero* (Fabricius); history; Haiti]
- 1986a. The larva and pupa of *Lycorea pieteri* Lamas (Danaidae). *Journal of the Lepidopterists' Society* 40(1): 20-22, 1 fig. (9 October) [host plant; República Dominicana]
- 1986b. *Zoological exploration of the Lesser Antilles and Virgin Islands for endemic species*. Shelburne, Author. 128 pp., figs. [general; history]
- 1986c. *Zoological exploration of Puerto Rico for endemic species*. Shelburne, Author. 248 pp., figs. [general; history]
- 1987a. *Life-stages of Archimestra teleboas and Dynamine egaea (Papilionoidea, Nymphalidae). Early lepidopterology of Haiti*. Shelburne, Author. 48 pp., figs. [eggs, larvae, pupae; host plants; taxonomy; history]
- 1987b. *Life-stages of Hamadryas amphichloe diasia in Hispaniola (Rhopalocera, Nymphalidae)*. Shelburne, Author. 13 pp., figs. [egg, larva, pupa; host plant]
1988. *Larval host-plants, mostly determined, of several Hispaniolan butterflies (Rhopalocera) and notes on some early stages*. Shelburne, Author. 20 pp., figs. [general]
- 1989a. *Sixth contribution on larvae and/or larval host-plants of Hispaniolan butterflies (Rhopalocera), and notice of "neoteny"-like pupa of Pyrgus oileus L. (Hesperiidae)*. Shelburne, Author. 12 pp. [general]
- 1989b. *Summary of reputed larval host-plants of Hispaniolan butterflies, with some new determinations*. Shelburne, Author. 32 pp. [general]
- 1991a. See González, F. L. et al., 1991.
- 1991b. *Guayájayuno to Jarabacoa: Zoological exploration of the Lamedero Massif, Cordillera Central, República Dominicana*. Shelburne, Author. 32 pp., 7 figs., 3 tabs., 5 maps [general; host plants; behavior]
- 1991c. *Seventh contribution on larvae and/or larval host-plants of Hispaniolan butterflies (Rhopalocera), and nocturnal activity of adult Hypanartia paulla (Fabricius) (Nymphalidae)*. Shelburne, Author. 13 pp., 3 figs. [general; Haiti, República Dominicana]
- 1991d. *Two centuries of exploration for Hispaniolan butterflies*. Shelburne, Author. 82 pp., figs. [general; taxonomy; history]
1992. *Eighth contribution on the larvae and/or larval host plants of Hispaniolan butterflies: The butterfly/larva flora with a theory of Calisto (Satyridae) origin and endemicity*. Shelburne, Author. 173 pp., figs. [general; Haiti, República Dominicana]
- 1996a. See Schwartz, A. & D. K. Wetherbee, 1996.
- 1996b. *Ninth contribution on larvae and/or larval host-plants of Hispaniolan butterflies, with explanation of Ascia migrations at Monte Cristi, and pupal mimicry of lizard modality by Hamadryas*, pp. 255-309. In: Wetherbee, D.K., *La Xaiba Prieta and La Xaiba Piñita (Epilobocera, Decapoda) in Hispaniola, and 20+ further contributions on Hispaniolan fauna*. Shelburne, Author. 465 pp. (9 December) [general]
- 1996c. *The Hamadryas (Nymphalidae, Lepidoptera) of Dabenton's 1765 Miscelenea [sic]*, pp. 438-440, 1 fig. In:



- Wetherbee, D.K., *La Xaiba Prieta and La Xaiba Piñita* (Epilobocera, Decapoda) in Hispaniola, and 20+ further contributions on Hispaniolan fauna. Shelburne, Author. 465 pp. (9 December) [general; Haiti]
- 1996d. *Taxonomic woes of Calisto hysia* (Godart 1819), with a sketch of the Baudin voyage (1797-1799) in the West Indies, pp. 441-446, 2 figs. In: Wetherbee, D.K., *La Xaiba Prieta and La Xaiba Piñita* (Epilobocera, Decapoda) in Hispaniola, and 20+ further contributions on Hispaniolan fauna. Shelburne, Author. 465 pp. (9 December) [general; Hispaniola]
1997. A critical review of The Butterflies of the West Indies and South Florida. *Lepidoptera News* (Gainesville) 1997(3): 4-5 (15 September) [general; book review]
- Wetherbee, David Kenneth, and Albert Schwartz**
1996. *Summary of reputed host-plants of Hispaniolan butterflies*, pp. 403-437, 1 fig. In: Wetherbee, D.K., *La Xaiba Prieta and La Xaiba Piñita* (Epilobocera, Decapoda) in Hispaniola, and 20+ further contributions on Hispaniolan fauna. Shelburne, Author. 465 pp. (9 December) [general]
- Wetherbee, Kris**
1999. Gardening for butterflies. *Audubon* 101(3): 92-95, 5 figs. (May-June) [*Heliconius*]
- Wettengl, Kurt**
1998. *Maria Sibylla Merian. 1647-1717. Artist and Naturalist*. Ostfildern, Verlag Gerd Hatje. 276 pp., figs. [general; history; Surinam]
- Weyenbergh, Hendrik** [1842-1885]
1875. Sobre el apéndice al abdomen de las hembras del género *Euryades* Feld. *Periódico zoológico* (Córdoba) 2(1): 38-42, 2 figs. [Argentina]
- 1876a. Informe sobre una excursión zoológica á Santa Fé, practicada en 1876. *Boletín de la Academia nacional de Ciencias en Córdoba* 2(3): 217-243 [also in *Periódico zoológico* (Córdoba) 3(1): 39-64; 1878]
- 1876b. *Die Thierwelt Argentinien*, pp. 150-190. In: Napp, R. (Ed.), *Die Argentinische Republik im Auftrag des Argentin. Central Comité's für die Philadelphia-Ausstellung und mit dem Beistand mehrerer Mitarbeiter*. Buenos Aires, Sociedad Anónima. [iv] + 498 pp., 6 maps [general]
1886. See Snellen, P. C. T., 1886.
- Weymer, Gustav** [1833-1914]
1872. Literarisches. *Stettiner entomologische Zeitung* 33(4/6): 176-184 (mid April) [general; review of W. F. Kirby's *Synonymic Catalogue*, 1871]
1875. Exotische Lepidopteren. *Stettiner entomologische Zeitung* 36(7/9): 368-385, pls. 1-2 (early July) [general; new species: *Eurybia patrona*, *Dircenna lorica*, *Ithomia munda*, *I. methonella*, *I. pellucida*, *I. aquata*, *Aeria olenae*, *Hymenitis nepos*, *Melinaea ribbei*, *Heliconius satis*, *H. robigus*; Trinidad, Panama, South America]
1879. Notiz zu dem Artikel "Exotische Schmetterlinge von C. Hopffer" (S. 47). *Stettiner entomologische Zeitung* 40(4/6): 209-210 (mid April) [review; new name: *Euterpe charops* variety *dealbata*]
1883. Exotische Lepidopteren. II. *Stettiner entomologische Zeitung* 45(1/3): 7-28, pls. 1-2 (late November) [general; new species: *Lycorea cinnamomea*, *Methona curvifascia*, *Ceratinia honesta*, *C. amica*, *Sais promissa*, *Mechanitis proceris*, *Leucothyris paula*, *L. solida*, *Ithomia soligena*, *I. mellilla*, *Hymenitis matronalis*, *Heliconius aulicus*, *H. fortunatus*, *H. mentor*, *H. metaphorus*, *H. hyas*; Brazil, Ecuador, Colombia, Panama]
1885. Exotische Lepidopteren. III. Beitrag zur Lepidopteren-
- Fauna von Nias. *Stettiner entomologische Zeitung* 46(4/6): 257-285, pls. 1-2 (late May) [*Pierella amalia*, *P. lucia*; Peru]
1891. Exotische Lepidopteren. V. *Stettiner entomologische Zeitung* 51(7/12): 280-294 (January) [general; new taxa: *Melinaea strigilis*, *M. mneme* variety *mediatrix*, *M. m.* variety *mauensis*, *Heliconius ennius*, *H. lenaeus*, *H. lyrcaeus*, *H. maeon*, *H. discomaculatus*, *H. obscurus*, *H. lucretius*, *H. clytia* variety *flavescens*, *H. c.* variety *colon*, *Dismorphia discoloria*; Brazil, Peru, Honduras, Colombia]
1892. Exotische Lepidopteren. VI. *Stettiner entomologische Zeitung* 53(4/6): 79-125 (April-June) [general; synonymy]
1894. Revision der ersten Gruppe der Gattung *Heliconius*. *Deutsche entomologische Zeitschrift "Iris"* 6(2): 281-345, pls. 4-5 (3 January) [general; new taxa: *H. metellus*, *H. mirus*, *H. m.* variety *illustris*, *H. geminatus*, *H. metallis* variety *semiflavidus*, *H. m.* variety *flavidus*, *H. eucoma* variety *flavofasciatus*, *H. e.* variety *numismaticus*, *H. numata* variety *melanops*, *H. n.* variety *maecenas*, *H. superioris* variety *mavors*, *H. ennius* variety *nigrofasciatus*, *H. jonas*, *H. spurius*, *H. sulphureus*, *H. gordius*, *H. felix*, *H. f.* variety *concors*, *H. versicolor*, *H. leopardus*, *H. pardalinus* variety *lucescens*, *Melinaea pardalis* variety *flavomacula*, *Heliconius aerotome* variety *dilatus*, *H. staudingeri*, *H. s.* variety *pretiosus*, *H. elegans*, *H. floridus*, *H. seraphion*, *H. timaeus*, *H. bicoloratus* variety *phalaris*, *H. aristiona* variety *splendidus*, *H. gradatus*, *H. idalion*, *H. sergestus*, *H. narcaea* variety *flavomaculatus*; Central and South America]
- 1895a. Exotische Lepidopteren. VII. Beitrag zur Lepidopterenfauna von Rio Grande do Sul. *Stettiner entomologische Zeitung* 55(10/12): 311-333 (after April) [general; new taxa: *Papilio lysithous* variety *brevifasciatus*, *P. extendatus*, *Eteona tisiphone* variety *vulpecula*; Brazil]
- 1895b. Allen's Naturalist's Library. A hand book to the order Lepidoptera by W. F. Kirby. *Stettiner entomologische Zeitung* 55(10/12): 398-402 (after April) [general; book review]
1897. *Heliconius tyndarus*. *Deutsche entomologische Zeitschrift "Iris"* 9(2): 317-319, pl. 6, fig. 6 (9 January) [Bolivia]
- 1899a. *Papilio orthosilaus* n. sp. *Entomologische Nachrichten* 25(13): 195-198 (July) [general; Paraguay]
- 1899b. Einige neue Neotropiden. *Berliner entomologische Zeitschrift* 44(3/4): 289-318, pl. 3 (mid December) [*Ceratinia daetina*, *C. nemea*, *C. herbita*, *C. coeno* variety *guttata*, *Napeogenes nausica*, *N. benigna*, *Dircenna elvira*, *Aeria sisenna*, *Ithomia oenanthe*, *I. centromaculata*, *I. radata*, *Callolieria selenides*, *C. azarina*, *C. hopfferi*, *Leucothyris tigilla*, *Episcada polita*, *E. segesta*, *Hymenitis lydia*, *Hypoleria veronica*, *H. oreas*, *H. proxima*; Brazil, Colombia, Surinam, Ecuador, Bolivia]
1906. Zwei neue *Heliconius*-Formen. *Deutsche entomologische Zeitschrift "Iris"* 19(2): 68-71 (1 July) [*H. wernickei*, *H. eucherius*; Colombia]
1907. Exotische Lepidopteren. *Deutsche entomologische Zeitschrift "Iris"* 20(1/2): 1-51, pls. 1-2 (1 August) [general; new taxa: *Ceratinia suffusa*, *Melinaea boliviana*, *Neomaenas reticulata*, *N. tenedia*, *Taygetis angulosa*, *T. tripunctata*, *T. rectifascia*, *T. r.* aberration *stigma*, *T. r.* aberration *latifascia*, *T. uncinata*, *Opsiphanes singularis*, *Eresia eleates*, *E. nebrates*]

- Callicore bifasciata*, *Adelpha herbita*, *Anaea hirta*, *Catasticta rubricata*; Mexico, Central and South America]
- 1909a. Exotische Lepidopteren. *Deutsche entomologische Zeitschrift "Iris"* 22(1): 1-35 (7 April) [general; new taxa: *Dismorphia niepelti*, *Tithorea bonplandii faba*; Ecuador, Colombia]
- 1909b. Eine neue Gattung und zwei neue Arten aus der Familie der Satyriden. *Entomologische Zeitschrift* 23(37): 163-165 (11 December) [*Antirrhaea geryonides*, *Sinarista* (new genus) *adoptiva*; Ecuador, Colombia]
- 1910-1912a. 4. Familie: Satyridae. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, A. Kernen. 5: 173-176 (25 April 1910), 177-184 (21 June 1910), 185-192 (30 November 1910), 193-200 ([before 15 April 1911]), 201-208 (20 April 1911), 209-216 (20 July 1911), 217-224 (1 August 1911), 225-232 ([before 14 November 1911]), 233-240 (30 November 1911), 241-248 (20 January 1912), 249-256 (1 March 1912), 257-264 (15 March 1912), 265-272 (22 April 1912), 273-280 (15 May 1912) [general; ecology; behavior; life histories; new taxa: *Callitaera aurora* form *aurorina*, *Haetera piera* form *unocellata*, *Pierella lena* form *glaucolena*, *P. dracontis* form *extincta*, *Taygetis mermeria* form *crameri*, *T. ypthima* form *semibrunnea*, *T. rectifascia* form *servius*, *T. acuta*, *T. celia* form *haenschi*, *T. andromeda* form *elegia*, *T. a.* form *asterie*, *T. xenana* variety *godmani*, *T. banghaasi*, *Amphidecta pignerator* form *simplicia*, *Euptychia hesione* form *subobscura*, *E. aurigera*, *E. meta*, *E. picea* form *rufocincta*, *E. fida*, *E. transversa*, *E. clio*, *E. ordinata*, *E. ashna* form *ambra*, *E. armilla* form *strigillata*, *E. arius*, *E. viridicans*, *E. moneta*, *E. erigone* form *probata*, *E. e.* form *proba*, *E. ocnus* form *opima*, *E. renata* form *remissa*, *E. mythra*, *E. punctata*, *E. ernestina*, *E. phares* form *pharnaces*, *E. calixta* form *cucullina*, *E. ypthima* form *pacta*, *E. eremita*, *E. griseola*, *E. griseldis*, *E. lineata* form *interrupta*, *E. l.* form *melania*, *E. libye* form *gracilis*, *E. amalda*, *E. batesii* aberration *tersa*, *E. nortia* form *nobilis*, *E. n.* form *moderata*, *E. segesta*, *E. julia*, *E. j.* form *torva*, *E. parthenie*, *E. glauca*, *E. helios*, *E. tenera*, *E. chloris* form *agathina*, *E. marica*, *Argyrophorus lamna* form *angusta*, *Cosmosatyrus chiliensis* form *sajama*, *C. quies* form *plana*, *C. statia*, *Faunula johanna*, *Idioneura erebioides* form *moderata*, *Steroma bega* form *modesta*, *Pseudosteroma* (new genus) *monachella*, *P. agraulis*, *Eteona eupolis* form *flava*, *Lymanopoda nivea* form *melia*, *L. huilana* form *tolima*, *L. ferruginosa* form *translucida*, *L. f.* form *hyagnis*, *L. f.* form *rana*, *L. excisa*, *L. obsoleta* female form *gortynoides*, *L. apiculata* form *curvilinea*, *L. leaena* form *satura*, *L. lisa*, *L. albomaculata* form *affineola*, *L. panacea* form *caucana*, *L. cillutinarca*, *Pedaliodes tomentosa*, *P. paeonides* form *costipunctata*, *P. uniformis*, *P. pheretias* form *griseola*, *P. pausia* form *lucipara*, *P. pactyes* form *spina*, *P. chrysotaenia* form *fassli*, *Eretris subpunctata* form *umbrina*, *Lasiophila orbifera* form *semipartita*, *Daedalma dinias* form *oenotria*, *D. d.* form *rhomboidea*, *Thiemeia*, *Drucina orsedice* form *violacea*, *Corades pannonia* female form *domina*, *Bia actorion* form *decaerulea*; Neotropics]
- 1912b. Einige neue Heliconiden-Formen. *Entomologische Rundschau* 29(11): 73-74 (8 June) [general; *Heliconius emilius*, *H. orchamus*, *H. ithaka* female form *hero*; Colombia]
1913. 4. Familie: Satyridae [continued]. In: Seitz, A. (Ed.), *Die Gross-Schmetterlinge der Erde*. Stuttgart, A. Kernen. 5: 281-283 ([before 22 March 1913]) [general]
1914. [Notes]. In: Strand, E., *Lepidoptera Niepeltiana*. Leipzig, Urban & Co. 64 + [1] pp., pls. 1-12 ([May]) [general; *Daptonoura lycimnia* new form *semiobscurata*; Ecuador]
- Weymer, Gustav and J. Peter Maassen**
1890. *Lepidopteren gesammelt auf einer Reise durch Colombia, Ecuador, Perú, Brasilien, Argentinien und Bolivien in den Jahren 1868-1877 von Alphons Stübel*. Berlin, A. Asher & Co. [1] + xi + 182 pp., 9 pls. ([after 10 October, before 1 November]) [general; new taxa: *Eresia leucophaea*, *Catagramma excelsior* var. *splendida*, *Ceratinia latilimbata*, *C. trimaculata*, *Leucothyris dispersa*, *Hymenitis pittheis*, *H. ortygia*, *Pseudomaniola* (new genus) *euripides*, *P. eleates*, *Lymanopoda huilana*, *L. altis*, *Pedaliodes gortyna*, *P. reissi*, *P. albopunctata*, *Corades laminata* variety *tripunctata*, *Caligo agamemnon*, *Acraea leontine*, *A. diceus* variety *aurantia*, *A. rosaria*, *A. stratonice* variety *carica*, *A. segesta*, *A. edulis*, *A. theogonia*, *A. thespias*, *Heliconius marius*, *H. euphrasius*, *H. congener*, *H. contiguus*, *Argynnis sobrina*, *Phyciodes hondana*, *Junonia lavinia* variety *basifusca*, *Anaea strymon*, *Isapis falcis*, *Siseme pseudopallas*, *Lycaena pelorias*, *L. ludicra*, *L. titicaca*, *Thecla oribata*, *Eurema sulla*, *Pieris sincera*, *P. orthodice*, *Phulia nymphula* variety *illimani*, *P. nysias*, *Papilio plinius*, *Hesperia micacea*, *H. fulvangula*, *H. kirschi*, *H. biforis*, *Carterocephalus biseriatus*]
- Weyrauch, Wolfgang Karl** [1907-1970]
1966. See Meyer, T. & W. K. Weyrauch, 1966.
- Whaley, Oliver, Alfonso Orellana, Evelyn Pérez, Mario Tenorio, Félix Quinteros, Marco Mendoza and Octavio Pecho**
2010. *Plantas y vegetación de Ica, Perú. Un recurso para su restauración y conservación. Icamanta yurakuna qurakuna*. Kew, Royal Botanic Gardens. 95 pp., figs. (February) [general]
- Whalley, Paul Ernest Sutton** [1930- ]
1975. See Laithwaite, E. et al., 1995.
1988. *Butterfly & moth*. New York, Alfred A. Knopf. 64 pp., figs. [general]
- Wheat, Christopher West**
- 2008a. See Wahlberg, N. & C. W. Wheat, 2008.
- 2008b. See Fischer, H. M. et al., 2008.
2013. See Wahlberg, N. et al., 2013.
2014. See Wahlberg, N. et al., 2014.
2015. See Edger, P. P. et al., 2015.
- 2018a. See Nallu, S. et al., 2018.
- 2018b. See Braga, M. P. et al., 2018.
2019. See Hill, J. A. et al., 2019.
- Wheat, Christopher West, Heiko Vogel, Ute Wittstock, Michael F. Braby, Dessie L. A. Underwood and Thomas Mitchell-Olds**
2007. The genetic basis of a plant-insect coevolutionary key innovation. *Proceedings of the national Academy of Sciences of the United States of America* 104(51): 20427-20431, 2 figs. (18 December; published online 11 December 2007) [Pieridae]
- Wheat, Christopher West, and Ward B. Watt**
2008. A mitochondrial-DNA-based phylogeny for some evolutionary-genetic model species of *Colias* butterflies (Lepidoptera, Pieridae). *Molecular Phylogenetics and Evolution* 47(3): 893-902, 5 figs., 6

- tabs. (June; published online 16 March) [general]
- Wheeler, James W.**  
1966. See Meinwald, J. et al., 1966.
- Whelan, J. Court**  
2008. See Daniels, J. C. et al., 2008.  
2010. See Warren, A. D. et al., 2010.
- Whetzel, Herbert Hice** [1877-1944]  
1922. Report of the pathologist for the period June 10th to December 31st 1921. *Reports of the Board & Department of Agriculture* (Hamilton) 1921: 30-64. [*Calpododes ethlius* (Cramer); host plant; Bermuda]
- Wheye, Darryl, and Paul Ralph Ehrlich**  
2015. Are there caterpillars on butterfly wings? *News of the Lepidopterists' Society* 57(4): 181-193, figs. (17 November) [general; morphology; Neotropics]
- Whibley, Annabel C.**  
2011. See Joron, M. et al., 2011.  
2012a. See Nadeau, N. J. et al., 2012.  
2012b. See Dasmahapatra, K. K. et al., 2012.  
2013. See Jones, R. T. et al., 2013.  
2014. See Le Poul, Y. et al., 2014.  
2015a. See Huber, B. et al., 2015.  
2015b. See Chouteau, M. et al., 2015.  
2016a. See Nadeau, N. J. et al., 2016.  
2016b. See Prunier, F. P. et al., 2016.  
2017. See Llaurens, V. et al., 2017.  
2018. See Jay, P. et al., 2018.
- Whiltshire-Romero, Eva**  
2019. See Montejo-Kovacevich, G. et al., 2019.
- Whinnett, Alaine**  
2005. See Mallarino, R. et al., 2005.  
2006. See Brower, A. V. Z. et al., 2006.  
2010. See Silva, D. L. de et al., 2010.
- Whinnett, Alaine, Andrew Van Zandt Brower, Ming-Min Lee, Keith Richard Willmott and James Louis Borlase Mallet**  
2005a. Phylogenetic utility of *tektin*, a novel region for inferring systematic relationships among Lepidoptera. *Annals of the entomological Society of America* 98(6): 873-886, 10 figs., 3 tabs. (November) [Ithomiinae, Danainae, Heliconiinae]
- Whinnett, Alaine, Keith Richard Willmott, Andrew Van Zandt Brower, Fraser Simpson, Marie Zimmermann, Gerardo Lamas and James Louis Borlase Mallet**  
2005b. Mitochondrial DNA provides an insight into the mechanisms driving diversification in the ithomiine butterfly *Hyposcada anchiala* (Lepidoptera: Nymphalidae: Ithomiinae). *European Journal of Entomology* 102(4): 633-639, 3 figs., 2 tabs. (3 November) [Ecuador, Peru]
- Whinnett, Alaine, Marie Zimmermann, Keith Richard Willmott, Nimiadina Herrera, Ricardo Mallarino, Fraser Simpson, Mathieu Joron, Gerardo Lamas and James Louis Borlase Mallet**  
2005c. Strikingly variable divergence times inferred across an Amazonian butterfly 'suture zone'. *Proceedings of the royal Society of London (B)* 272(1580): 2525-2533, 3 figs., 2 tabs. (7 December; published online 27 September) [Peru]
- Whitaker, G. Warren**  
1996. See Johnson, K. D. et al., 1996.
- Whitcomb, Willard Hall** [1915-2002]  
1957. See Fernández, F. J. et al., 1957.
- White, Adam** [1817-1879]  
1843. Description of *Erycina margareta*, (White). *Zoologist* 1: 28-29, 1 fig. [Honduras]
1877. See Richardson, J. et al., 1877.
- White, Adolfo** [1942- ]  
1980a. See White, J. & A. White, 1980a.  
1980b. See White, J. & A. White, 1980b.  
1982. See White, J. & A. White, 1982.  
1986. See Maza, J. de la & A. White, 1986.  
1987. See Maza, J. de la et al., 1987.  
1988. See White, L. & A. White, 1988.  
1989a. See Maza, R. G. de la et al., 1989.  
1989b. See White, J. et al., 1989.  
1990. See Maza, R. G. de la & A. White, 1990.  
1991. See Maza, J. de la et al., 1991.  
1995a. See Maza, R. G. de la, A. White & A. Orjeda, 1995.  
1995b. See Maza, R. G. de la, A. White & R. F. de la Maza, 1995.
- White, Ernest William**  
1881-82. *Cameos from the Silver-Land; or the experiences of a young naturalist in the Argentine Republic*. London, John Van Voorst. 1: xvii + 436 pp., 1 map (1881); 2: xv + 527 pp. (1882) [general]
- White, Jorge** [1945- ]  
1987. See Maza, J. de la et al., 1987.
- White, Jorge, and Adolfo White**  
1980a. Notas sobre los Papilionidae en México (Lep.), VI. Area de la Huasteca Potosina. *Boletín informativo. Sociedad mexicana de Lepidopterología* 6(1): 10-35, 1 tab., 2 maps (January-March) [general]  
1980b. Notas sobre los riodinidos (Lepidoptera) en México. I. Area de la Huasteca Potosina. *Boletín informativo. Sociedad mexicana de Lepidopterología* 6(2): 3-34, 1 fig., 4 tabs., 1 graph, 1 map (April-June) [general]  
1982. Notas sobre los Brassolinae (Lepidoptera: Satyridae) en México. I.- Area de la Huasteca Potosina. *Boletín informativo. Sociedad mexicana de Lepidopterología* 8(1): 3-10 (January-March) [general]
- White, Jorge, Adolfo White and Laura White**  
1989. Revisión de las poblaciones de *Melanis cephise* Menetries, de México (Lycaenidae: Riodininae). *Revista de la Sociedad mexicana de Lepidopterología* 13(1): 11-16, 1 fig., 1 map (15 November) [new subspecies: *M. c. huasteca*]
- White, Laura**  
1989. See White, J. et al., 1989.
- White, Laura, and Adolfo White**  
1988. Lista de tipos de los Lepidoptera descritos en la Revista de la Sociedad Mexicana de Lepidopterología entre 1975 y 1987. *Revista de la Sociedad mexicana de Lepidopterología* 11(2): 27-32 (30 May) [general]
- White, Raymond R.**  
1984. See Murphy, D. D. & R. R. White, 1984.
- White, Richard H.**  
2004. See Reppert, S. M. et al., 2004.
- White, Thomas E.**  
2019. See Maia, R. et al., 2019.
- White, Thomas P.**  
2017. See Lal, N. N. et al., 2017.
- White, Walter G.**  
1917. *Notes from the hinterland of Guiana*, pp. 453-487, fig. 142. In: Beebe, C. W., G. I. Hartley & P. G. Howes, *Tropical Wild Life in British Guiana. Zoological contributions from the Tropical Research Station of the New York Zoological Society*. New York, New York Zoological Society. 1: i-xxii, 23-504, frontisp., 143 figs. [general]
- Whitfield, James Bryan**

2003. See Deans, A. R. et al., 2003.
2008. See Smith, M. A. et al., 2008.
- 2009a. See Janzen, D. H. et al., 2009.
- 2009b. See Grinter, C. C. et al., 2009.
2011. See Greeney, H. F. et al., 2011b.
2012. See Smith, M. A. et al., 2012.
2014. See Fernández-Triana, J. L. et al., 2014.
- 2019a. See Sousa-Lopes, B. de et al., 2019.
- 2019b. See Salgado-Neto, G. et al., 2019.
- Whitlock, A. R. D.**
1991. Butterflies of the West Indies. *Bulletin of the amateur Entomologists' Society* 50(376): 121-123, pl. D (June) [general]
- Whitlock, Ralph**
1978. *A closer look at butterflies and moths*. New York, Gloucester Press. 32 pp., figs. [1st ed., 1977] [general; Neotropics]
- Whitman, Douglas W.**
2001. See Salazar, B. A. & D. W. Whitman, 2001.
- Whittaker, Lawrence**
2018. See Whitworth, A. et al., 2018c.
- Whittaker, Paul L.** [1955- ]
1983. Notes on the satyrid butterfly populations of Corcovado National Park, Costa Rica. *Journal of the Lepidopterists' Society* 37(2): 106-114, 2 figs., 5 tabs. (6 September) [general; ecology]
- Whittaker, Robert Harding** [1920-1980], and **Don Brigg Stallings**
1944. Notes on seasonal variation in Lepidoptera. *Entomological News* 55(3): 67-71 ("March", [15 April]), (4): 87-92 ("April", [3 May]) [general; new forms: *Eurema mexicana* f. *hiem. rosa*, *E. nicippe* f. *aest. pallens*; Mexico, West Indies]
- Whitten, Thomas W.**
1987. Iridescent Lepidopterans of the Amazon. *Carolina Tips* 50(12): 45-46, 5 figs. (1 December) [*Morpho*; Peru]
- Whittle, Francis George** [1854-1921]
1916. Lepidoptera from the Argentine and from Canada. *Entomologist* 49(636): 106-108 (May) [general]
- Whitworth, Andrew, Christopher Beirne, Jasmine Rowe, Fraser Ross, Caroline Acton, Oliver Burdekin and Philip Brown**
2015. The response of faunal biodiversity to an unmarked road in the Western Amazon. *Biodiversity and Conservation* 24(7): 1657-1670, 4 figs., 2 tabs. (July; published online 20 February) [general; Ecuador]
- Whitworth, Andrew, Ruthmery Pillco, Roger Downie, Jaime Villacampa, Laura Dominie Braunholtz and Ross MacLeod**
- 2018b. Long lasting impressions: After decades of regeneration rainforest biodiversity remains differentially affected following selective logging and clearance for agriculture. *Global Ecology and Conservation* 13(200375): 1-13, 3 figs., 2 tabs. (January) [general; Peru]
- Whitworth, Andrew, Ruthmery Pillco, Harryson González, Laura Dominie Braunholtz and Ross MacLeod**
- 2018a. Food for thought, Rainforest carrion-feeding butterflies are more sensitive indicators of disturbance history than fruit feeders. *Biological Conservation* 217(1): 383-390, 3 figs., 2 tabs. (January; published online 28 November 2017) [general; Peru]
- Whitworth, Andrew, Ruthmery Pillco, Lawrence Whittaker and Laura Dominie Braunholtz**
- 2018c. Are we using the most appropriate methodologies to assess the sensitivity of rainforest biodiversity to habitat disturbance? *Tropical Conservation Science* 11: 1-4, 1 tab. (17 July) [general; Peru]
- Whitworth, Andrew, Jaime Villacampa, Alice Brown, Ruthmery Pillco, Roger Downie and Ross MacLeod**
2016. Past human disturbance effects upon biodiversity are greatest in the canopy, a case study on rainforest butterflies. *PLoS ONE* 11(3)(e0150520): 1-20, 4 figs., 2 tabs. (7 March) [general; conservation; Peru]
- Whu, Mary**
1993. See Gómez, H. & M. Whu, 1993.
- Whu, Mary, and Luis Valdívieso**
1999. Distribución y comportamiento de ocho especies de *Trichogramma* y *Trichogrammatoidea* (Hymenoptera: Trichogrammatidae) en el Perú. *Revista peruana de Entomología* 41: 61-68, 7 figs., 3 tabs. (20 October) [*Heracleides thoas* (Linnaeus), *Dione junio* (Cramer), *Quinta cannae* (Herrich-Schäffer); parasitoids]
- Whymper, Edward** [1840-1911]
1892. *Travels amongst the great Andes of the Equator*. London, John Murray. 1: xxv + 456 pp., 20 pls., 118 figs., 4 maps [another, abridged, ed., 1972] [general; ecology; behavior; Ecuador]
- Whyte, Damion L.**
2017. See Murphy, C. P. et al., 2017.
- Wickham, Shelley**
2004. See Poladian, L. et al., 2004.
2009. See Poladian, L. et al., 2009.
- Wickham, Shelley, Maryanne C. J. Large, Leon Poladian and Lars S. Jermiin**
2006. Exaggeration and suppression of iridescence: the evolution of two-dimensional butterfly structural colours. *Journal of the royal Society of London Interface* 3(6): 99-108, 5 figs. (22 February; published online 15 September 2005) [*Erratum* in *Ibidem* 3(11): 851, fig. 5 ((22 December))] [general]
- Wickler, Wolfgang** [1931- ]
1968. *El mimetismo en las plantas y en los animales*. Madrid, Ediciones Guadarrama, S. A. 256 pp., 52 figs. [1st ed. in German] [general; Neotropics]
- Wiederholt, Ruscena**
2016. See Semmens, B. X. et al., 2016.
- 2017a. See Thogmartin, W. E. et al., 2017.
- 2017b. See Oberhauser, K. S. et al., 2017.
- Wied-Neuwied, Maximilian Alexander Philipp, Prinz zu** [1782-1867]
1820. *Reise nach Brasilien in den Jahren 1815 bis 1817*. Frankfurt am Main, Heinrich Ludwig Bröner. 1: xxxiv + [2] + 380 + [5] pp., pls. 1-14, 11 figs., 2 maps. [*Papilio idomeneus* Linnaeus]
1821. *Reise nach Brasilien in den Jahren 1815 bis 1817*. Frankfurt am Main, Heinrich Ludwig Bröner. 2: xviii + 346 pp., pls. 15-22, 8 figs., 1 map. [general]
- Wieland, Heinrich** [1877-1957], and **Robert Purrmann**
1939. Über die Flügelpigmente der Schmetterlinge. IV. Die Beziehungen zwischen Xanthopterin und Leucopterin. *Justus Liebig's Annalen der Chemie* 539(2): 179-187. [*Catopsilia argente* (Fabricius); Brazil]
- Wieland, Heinrich, and Arnold Tartter**
1940. Über die Flügelpigmente der Schmetterlinge. VIII. Pterobilin, der blaue Farbstoff der Pieridenflügel. *Justus Liebig's Annalen der Chemie* 545: 197-208, 4 figs. [*Catopsilia rurina* Felder, *C. statira* (Cramer)]
- Wieloch, Alfredo Hannemann**
1997. See Mielke, O. H. H. et al., 1997.
2008. See Machado, A. B. M. et al., 2008.
- Wiemers, Martin**

2010. See Albert, R. et al., 2010.  
 2013. See Morgun, D. V. & M. Wiemers, 2013.  
 2019. See Fric, Z. F. et al., 2019.
- Wiemers, Martin, and Konrad Fiedler**  
 2008. Butterfly diversity of the Piedras Blancas National Park and its vicinity – a preliminary assessment (Lepidoptera: Papilionoidea & Hesperioidea). *Stapfia* 88: 277-294, 25 fig., 9 tabs., 1 map (9 October) [general; Costa Rica]
- Wiendl, Frederico Maximiliano**  
 1970. See Gallo, D. et al., 1970.
- Wiens, Delbert**  
 1978. *Mimicry in plants*, pp. 365-403, 5 tabs. In: Hecht, M. K., W. C. Steere & B. Wallace (Eds.), *Evolutionary Biology*. New York, Plenum Press. 11. [*Heliconius* spp.; ecology; evolution]
- Wiggins, Ira Loren [1899-1987], and Duncan M. Porter**  
 1971. *Flora of the Galapagos*. Stanford, Stanford University Press. xx + 998 pp., 268 + 96 figs., 170 maps. [*Agraulis vanillae galapagensis* Holland, *Urbanus dorantes galapagensis* (Williams); pollinators]
- Wijnen, B., Hein L. Leertouwer and Doekele G. Stavenga**  
 2007. Colors and pterin pigmentation of pierid butterfly wings. *Journal of Insect Physiology* 53(12): 1206-1217, 11 figs. (December; published online 1 July) [general; morphology]
- Wiklund, Christer**  
 2001. See Kemp, D. J. & C. Wiklund, 2001.  
 2009. See Kodandaramaiah, U. et al., 2009.  
 2019. See Hill, J. A. et al., 2019.
- Wilbrandt, Jeanne**  
 2012. See Blut, C. et al., 2012.
- Wilcken, Carlos Frederico**  
 2011. See Zaché, B. et al., 2011.  
 2013a. See Zanuncio, J. C. et al., 2013.  
 2013b. See Zaché, B. et al., 2013.  
 2014. See Candelária, M. C. & C. F. Wilcken, 2014.  
 2016. See Rodríguez-Dimaté, F. A. et al., 2016.  
 2018. See Tavares, W. de S. et al., 2018.
- Wild, William**  
 1938. Marvels of the insect world. All continents contribute variety. *Hobbies* 18(5): 109-112, 19 figs. (June) [*Morpho menelaus* (Linnaeus); Brazil]
- Wilde, Gerald**  
 1977. See Van Dam, W. & G. Wilde, 1977.
- Wilhelm, Gottlieb Tobias [1758-1811]**  
 1797. *Unterhaltungen aus der Naturgeschichte der Insecten*. Augsburg, Deckhardt. 2: [1] + 424 pp., 52 pls. [general]
- Wilkinson, Douglas Shipton [1890-1941]**  
 1931. Braconidae: Notes and new species. *Bulletin of entomological Research* 22(1): 75-82 (1 April) [*Talides sergestus* (Cramer); parasitoid; Guyana]  
 1932. Four new *Apanteles* (Hym., Brac.). *Stylops* 1(6): 139-144, 2 figs. (15 June) [*Calpodus ethlius* (Cramer); parasitoid; Trinidad]
- Wilkinson, H.**  
 1910. See Pennington, M. S. & H. Wilkinson, 1910.
- Wilkinson, Paul A.**  
 2010a. See Baxter, S. W. et al., 2010.  
 2010b. See Ferguson, L. et al., 2010.  
 2011. See Joron, M. et al., 2011.  
 2012. See Dasmahapatra, K. K. et al., 2012.  
 2013. See Chauhan, R. et al., 2013.
- Wilkinson, Ronald Sterne [1934-2009]**  
 1966. Elizabeth Glanville, an early English entomologist. *Entomologist's Gazette* 17(3): 149-160 [*Helicopsis* Surinam; history]
- [1970]. Mariposas de Venezuela. Michael Schmid and Bradford M. Endicott. *The Michigan Entomologist* 2(3/4): 87 ("1969", [19 June 1970]) [general; book review]
1973. George Starkey, an Early Seventeenth-Century American entomologist. *The Great Lakes Entomologist* 6(2): 59-64 ([28 June]) [*Papilio cresphontes* Cramer; larva; Bermuda]
1984. John Abbot's London years. *Entomologist's Record and Journal of Variation* 96: 110-123, portr. (15 May), 165-176 (15 July), 222-229 (15 September), 273-285 (15 November) [*Cabares potrillo* (Lucas), *Eurema adamsi* (Lathy); Jamaica]
- Will, David**  
 2017. See Shiels, A. B. et al., 2017.
- Will, Kipling**  
 2006. See Rubinoff, D. et al., 2006.
- Wille, Johannes Eduard Gustav [1892-1959]**  
 1925. Übersicht der landwirtschaftlich wichtigen Insekten von Rio Grande do Sul (Brasilien). *Zeitschrift für angewandte Entomologie* 11(3): 415-426 (December) [general; host plants]  
 1930. Informe del Entomólogo Jefe de la Sección de Entomología. *Memoria. Estación experimental agrícola de La Molina* (Lima) 2: 63-72, figs. (January) [*Papilio demoleus* Linnaeus [sic!]; host plant; Peru]  
 1933a. De las labores de la Sección de Entomología durante el año 1932. *Memoria. Estación experimental agrícola de La Molina* (Lima) 5: 15-59, 51 figs. (January) [*Argynnis* sp.; host plant; Peru]  
 1933b. Datos entomológicos para el almanaque agrícola. *Memoria. Estación experimental agrícola de La Molina* (Lima) 5: 223-228 (January) [Pieridae; host plant; Peru]  
 1934. La fauna anofelina malarigénica de las zonas cálidas del Cuzco. *La Reforma médica* (Lima) 20(196): 645-652, 658-659, 4 figs. (1 October) [*Papilio cresphontes* Cramer; host plant; Peru]  
 1936. Departamento de Entomología. Informe del Jefe del Departamento. *Memoria. Estación experimental agrícola de La Molina* (Lima) 8: 187-238, 24 figs. (January) [*Papilio thoas* Linnaeus; host plant; Peru]  
 1937. Departamento de Entomología. Memoria del Jefe del Departamento. *Memoria. Estación experimental agrícola de La Molina* (Lima) 9: 93-127, 4 figs. (January) [*Thecla* sp., Host plant; Peru]  
 1939. See Townsend, C. H. T. & J. E. Wille, 1939.  
 1940a. Departamento de Entomología. Memoria del Jefe del Departamento. *Memoria. Estación experimental agrícola de La Molina* (Lima) 12: 177-210, 19 figs. (January) [*Pieris monuste* (Linnaeus); host plant; Peru]  
 1940b. Uebersicht der landwirtschaftlichewichtigen Insekten von Peru (Südamerika). *Zeitschrift für Pflanzen-Krankheiten und Pflanzen-Schutz* 50(8): 369-388 (August) [general; host plants]  
 1941. Departamento de Entomología. Memoria del Jefe del Departamento. *Memoria. Estación experimental agrícola de La Molina* (Lima) 13: 149-188, 19 figs. [*Preneis ares* Felder; host plant; Peru]  
 1942. Servicio especializado de Entomología. *Memoria. Estación experimental agrícola de La Molina* (Lima) 14: 189-231. [*Pieris monuste* (Linnaeus); host plant; Peru]  
 1943. *Entomología agrícola del Perú*. Lima, Ministerio de Agricultura. vii + 468 pp., 213 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior]

1951. Formas recomendables para controlar los insectos dañinos que atacan a las plantas cultivadas en el Perú (ampliada y corregida). *Divulgación agrícola. Estación experimental agrícola de La Molina* (Lima) 12: 1-23 (July) [general; host plants]
1952. *Entomología agrícola del Perú*. Lima, Ministerio de Agricultura. viii + 543 pp., 221 figs. [Ed. 2] [general; host plants; eggs, larvae, pupae, imagines; bahavior]
1954. Principales insectos de las plantas cultivadas en el Perú. *Boletín. Estación experimental agrícola de La Molina* (Lima) 55: 1-55 (July) [general; host plants]
- Williams, Carrington Bonsor** [1889-1981]
1917. Some notes on butterfly migrations in British Guiana. *Transactions of the entomological Society of London* 1917(1): 154-164, 1 map (24 November) [*Callidryas eubule* (Linnaeus)]
1919. A migration of yellow butterflies (*Catopsilia statira*) in Trinidad. *Transactions of the entomological Society of London* 1919(1/2): 76-88, pls. 6-10 (15 August) [host plants; behavior]
1920. Records of insect migration in tropical America. *Transactions of the entomological Society of London* 68(1/2): 146-155, 1 fig. (26 July) [general]
1923. Records and problems of insect migration. *Transactions of the entomological Society of London* 1923(1/2): 207-233, 3 figs. (10 August) [general]
- 1926a. Migrations of butterflies. *Nature* (London) 118(2960): 118-119 (24 July) [Argentina]
- 1926b. Some unsolved problems of butterfly migration. *Verhandlungen. III. Internationalen Entomologen-Kongress* (Zürich) 2: 99-108. [general; Neotropics]
- 1930a. Collected records relating to insect migration. Second series. *Transactions of the entomological Society of London* 78(1): 139-170, 2 figs. (30 June) [general; Belize, Costa Rica]
- 1930b. *The migration of butterflies*. Edinburgh & London, Oliver & Boyd. xi + 473 pp., 71 figs. [general; behavior]
1933. Further collected records relating to insect migration. *Transactions of the entomological Society of London* 81(1): 103-115 (30 June) [*Catopsilia statira* (Cramer); Surinam]
- 1937a. Butterfly travelers. Some varieties migrate thousands of miles. *National geographic Magazine* 71(5): 568-585, 8 pls., 1 fig. (May) [general; behavior; Neotropics]
- 1937b. *Butterfly migrations in the tropics*. London, Waterlow & Sons. 8 pp., 5 pls. [general]
1938. Recent progress in the study of some North American migrant butterflies. *Annals of the entomological Society of America* 31(2): 211-239, 7 figs. ([29 June]) [general; Mexico]
1939. Some records of butterfly migration in America. *Proceedings of the royal entomological Society of London* (A) 14(9/12): 139-144 (15 December) [general; Neotropics]
1943. Mariposas migradoras. *Revista argentina de Zoogeografía*. 3(3): 143-145 (31 December) [general; Neotropics]
1944. Mariposas viajeras. *Revista de la Cámara de Agricultura del Ecuador. Primera Zona* (Quito) 6(53/55): 47-48 (January-March) [general; migration; Neotropics]
- 1945a. Evidence for the migration of Lepidoptera in South America. *Revista de Entomología* (Rio de Janeiro) 16(1/2): 113-131 (30 August) [general]
- 1945b. See Beall, G. & C. B. Williams, 1945.
1946. The migration of butterflies in South America. In: *Livro de Homenagem a R. F. d'Almeida*. São Paulo, Sociedade Brasileira de Entomologia. 41: 333-340 (29 August) [general; behavior]
- 1949a. The migration of butterflies in North America. *Lepidopterists' News* 3(2): 17-18, 1 fig. (7 April) [general; Neotropics]
- 1949b. Migration in Lepidoptera and the problem of orientation. *Proceedings of the royal entomological Society of London* (C) 13(12): 70-84, 1 fig. (May) [general]
- 1949c. Migrant butterflies outside North America. *Lepidopterists' News* 3(4/5): 39-40 (11 July) [general; South America]
1952. The migration and drift of insects and its international aspect. *Transactions of the IXth international Congress of Entomology* (Amsterdam) 1: 63-68 (December) [*Pyrameis cardui* (Linnaeus); Mexico]
1957. Insect migration. *Annual Review of Entomology* 2: 163-180. [general]
1958. *Insect migration*. New York, The Macmillan Company. xiii + 235 pp., 8 + 16 pls., 49 figs., 3 tabs. [Ed. 2, 1965] [general; behavior; Neotropics]
1965. Insect migration. A review. *Bulletin of the amateur Entomologists' Society* 24(268): 137-147, 2 figs. (August) [*Vanessa cardui* (Linnaeus), *Catopsilia statira* (Cramer); Mexico, Trinidad]
1970. The migrations of the Painted Lady butterfly, *Vanessa cardui* (Nymphalidae), with special reference to North America. *Journal of the Lepidopterists' Society* 24(3): 157-175, 8 figs., 2 tabs. (3 August) [Mexico, Central America, West Indies]
- Williams, Carrington Bonsor, G. F. Cockbill, M. E. Gibbs and John Antony Downes**
1942. Studies in the migration of Lepidoptera. *Transactions of the royal entomological Society of London* 92(1): 101-283, pls. 1-2, 59 figs., 34 tabs. (23 July) [general; Neotropics]
- Williams, Ernest H.**
2000. See Kocher, S. D. & E. H. Williams, 2000.
2001. Butterflies through binoculars: The West. By Jeffrey Glassberg. 2001. *American Butterflies* 9(3): 46-47, 1 fig. [general; Mexico; book review]
2008. See Brower, L. P. et al., 2008.
2009. See Brower, L. P. et al., 2009.
2011. See Brower L. P. et al., 2011.
- 2012a. See Brower L. P. et al., 2012a.
- 2012b. See Brower L. P. et al., 2012b.
2016. See Brower L. P. et al., 2016.
- 2017a. Death in the field. *News of the Lepidopterists' Society* 59(2): 102-103, 9 figs. (24 May) [*Danaus plexippus* (Linnaeus); predator; Mexico]
- 2017b. See Brower, L. P. et al., 2017.
2018. See Brower, A. V. Z. et al., 2018.
- Williams, Ernest H., and Lincoln Pierson Brower**
2007. Status of the monarch sanctuaries in Mexico: March 2007. *News of the Lepidopterists' Society* 49(2): 43-45, 60-61, 5 figs. (1 August) [*Danaus plexippus* (Linnaeus)]
2015. *Microclimatic protection of overwintering monarchs provided by Mexico's high-elevation oyamel fir forests. A review*, pp. 109-116, 1 fig. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus)]
2016. A conservation concern: how many Monarchs are there? *News of the Lepidopterists' Society* 58(2): 90-93, 1 fig., 1 tab. (29 April) [*Danaus plexippus*]

- (Linnaeus); migration; Mexico]
- Williams, Francis Xavier** [1882-1967]
1907. [Notes]. *Entomological News* 18(6): 260-261 (June) [*Pyrameis huntera* (Fabricius), *Agraulis vanillae* (Linnaeus); Galapagos Islands]
1911. Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906. III. The butterflies and hawkmoths of the Galapagos Islands. *Proceedings of the California Academy of Sciences* (4)1: 289-322, pls. 20-21 (7 October) [general; new species: *Eudamus galapagensis*; host plants; behavior; ecology]
- Williams, Jennifer J., Douglas A. Stow and Lincoln Pierson Brower**
2007. The influence of forest fragmentation on the location of overwintering monarch butterflies in central Mexico. *Journal of the Lepidopterists' Society* 61(2): 90-104, 4 figs., 5 tabs. (20 August) [*Danaus plexippus* (Linnaeus); migration]
- Williams, Kathy S., and Lawrence Edmund Gilbert**
1981. Insects as selective agents on plant vegetative morphology: egg mimicry reduces egg laying by butterflies. *Science* 212(4493): 467-469, 2 figs. (24 April) [*Heliconius cydno* Doubleday; Costa Rica]
- Williams, Leigh, Amy Grimm and Bill Beck**
2017. 200 amethyst hairstreaks: mesmerized by the sparkle of gems in the gloaming. *News of the Lepidopterists' Society* 59(4): 194-200, 8 figs. (15 November) [*Chlorostrymon*]
- Williams, Linda M.**
2012. See Barve, N. et al., 2012.
- Williams, Mark**
2010. See Yago, M. et al., 2010.
- Williams, Matthew R.**
2016. See Ribeiro, D. B. et al., 2016.
- Williams, Nigel**
2003. All of a flutter. *Current Biology* (London) 13(12): R467, 1 fig. (June) [*Redonda bordoni* Vilorio & Pyrcz; Venezuela]
- Williams, Paul Hugh**
1991. See Vane-Wright, R. I. et al., 1991.
- Williams, Robert**
2004. *Treasures of the forgotten forest*. Lavenham, The Wildlife Art Gallery. 168 pp., figs. [general; Ecuador, Peru; diversity; conservation]
- Williams, Roger N.**
1967. See Monroe, R. S. et al., 1967.
2007. See Inclán, D. J. et al., 2007.
2008. See Inclán, D. J. et al., 2008.
- Williams, Roswell Carter, Jr.** [1869-1946]
1926. Studies in the Neotropical Hesperioidea. Paper I. *Transactions of the American Entomological Society* 52: 61-88, pls. 2-3, 30 figs. (12 May) [general; new taxa: *Eudamus dorantes* race *calafia*, *E. doryssus* form *tenuis*, *E. d.* form *interruptus*, *E. motilones*, *E. huancavillcas*, *E. acawoios*, *E. camagura*, *E. minvanes*, *Chioides catillus* race *macromaculatus*]
1927. Studies in the Neotropical Hesperioidea. Paper II. *Transactions of the American Entomological Society* 53: 261-292, pls. 24-25, 34 figs. (13 September) [general; new taxa: *Epargyreus tityrus* aberration *smythi*, *Telegonus tucuti*, *T. mura*, *T. parisi*, *T. pacasa*, *T. panche*, *T. galesus* form *subflavus*, *T. jariba* race *jamaicensis*, *T. chiriquensis* form *godmani*, *Aguna*]
- 1931a. See Lindsey, A. W. et al., 1931.
- 1931b. Two new hesperids from Ecuador. *Transactions of the American Entomological Society* 57: 288-290, pl. 25, figs. 4, 12; fig. 35 (10 June) [*Yanguna blossomiae*, *Eudamus coxeyi*]
- 1931c. Cuban Hesperidae (Lepidoptera). *Transactions of the American Entomological Society* 57: 305-318, pl. 27, 14 figs., 1 tab. (3 August) [general]
1933. A new hesperid from Mexico (Lepidoptera: Hesperidae). *Transactions of the American Entomological Society* 59: 11-12, pl. 1 (17 March) [*Nascus mackeyi*]
- Williams, Roswell Carter, Jr., and Ernest Layton Bell**
1930. Short studies in American Hesperidae (Lepidoptera, Rhopalocera). *Transactions of the American Entomological Society* 56: 133-138, pl. 8, 1 fig. (24 June) [general; Neotropics]
1931. Hesperidae of the Forbes Expedition to Dutch and British Guiana (Lepidoptera). *Transactions of the American Entomological Society* 57: 249-287, pl. 25, 34 figs. (10 June) [general; new taxa: *Phocides paleom* aberration *gunderi*, *Cogia freudiae*, *Entheus mina*, *Atrytone barbara*, *Euroto saramacca*, *E. potaro*, *Vehilius forbesi*, *Phanus godmani*]
1933. Studies in the American Hesperioidea. Paper I (Lepidoptera). *Transactions of the American Entomological Society* 59: 69-84, p. 4 (8 June) [general; Neotropics]
- 1934a. Studies in the American Hesperioidea. Paper II (Lepidoptera). *Transactions of the American Entomological Society* 60: 17-30, pl. 1 (31 January) [general; Neotropics]
- 1934b. Studies in the American Hesperioidea. Paper III (Lepidoptera). *Transactions of the American Entomological Society* 60: 121-132, pl. 8 (24 May) [general; Neotropics]
- 1934c. Studies in the American Hesperioidea (Lepidoptera). Paper IV. *Transactions of the American Entomological Society* 60: 265-280, pl. 19 (20 September) [general; Neotropics]
1939. New species of *Pellicia* with remarks on the genus (Lepidoptera: Hesperidae). *Transactions of the American Entomological Society* 65: 135-159, 22 figs. (24 July) [general; *P. montana*, *P. guianae*, *P. brunneata*, *P. potera*, *P. indistincta*, *P. laurentina*, *P. haywardi*, *P. peruana*, *P. alternata*, *P. klugi*, *P. santana*, *P. simulator*, *P. aequatoria*, *P. nema*, *P. chapada*, *P. brasiliensis*, *P. diversa*; Mexico, Central and South America]
1940. New Neotropical Hesperidae and notes on others (Lepidoptera). *Transactions of the American Entomological Society* 66: 121-140, 19 figs. (23 May) [*Ocyba sula*, *Eracon* (?) *problematica*, *Pellicia pollardi*, *Cyclosemia pedro*, *Celaenorrhinus approximatus*, *Ebrietas niger*, *Pholisora caribbea*, *P. cruza*, *P. corumba*, *P. buena*, *P. naranjapata*, *P. huigra*, *P. madreia*, *P. cartagoa*, *P. iguala*, *P. (?) astra*, *Heliopetes macaroides*]
- Williams, Roswell Carter, Jr., and Kenneth John Hayward**
1944. Hesperidarum rei publicae aequatoris catalogus. *Acta zoologica Lilloana* 2(1): 63-246 (29 December) [general; Peru, Brazil, Argentina, Cuba]
- Williams, Stephen E.**
2011. See Laurance, W. F. et al., 2011.
- Williams, Theodore**
1979. Butterflies are full of surprises. *National Wildlife* 17(5): 20-27, figs. ([July]) [general; ecology; behavior]
1999. The great butterfly bust. *Audubon* 98(2): 30-37, figs. (March-April) [general]
- Williams-Linera, Guadalupe, and Francisco Herrera**

2003. Folivory, herbivores, and environment in the understory of a tropical montane cloud forest. *Biotropica* 35(1): 67-73, 1 fig., 2 tabs. (March) [Papilionidae; Mexico]
- Williamson, Michelle, and Chris Darling**
2000. *La Ventana in Monteverde: A migration corridor for insects*, p. 438. In: Nadkarni, N. M. & N. T. Wheelwright (Eds.), *Monteverde. Ecology and conservation of a tropical cloud forest*. New York, Oxford University Press. [general; behavior; Costa Rica]
- Willig, Michael R.**
1996. See Garrison, R. W. & M. R. Willig, 1996.
- Williner, Gregorio Julio**
1972. See Viana, M. J. & G. J. Williner, 1972.
1973. See Viana, M. J. & G. J. Williner, 1973.
1974. See Viana, M. J. & G. J. Williner, 1974.
1978. See Viana, M. J. & G. J. Williner, 1978.
1981. See Viana, M. J. & G. J. Williner, 1981.
1996. Las mariposas del mundo. *Mariposas del Mundo* (Buenos Aires) 1: 8-9, 1 fig. (September) [general]
- Willis, Edwin R.**
1961. See Malo, F. & E. R. Willis, 1961.
- Willis, Jake**
1999. See Jiggins, C. D. et al., 1999.
2000. See Jiggins, C. D. et al., 2000.
- Willmann, Rainer [1950- ]**
2001. See MÜsch, I. et al., 2001.
- Willmott, James I. Robinson**
2019. See Willmott, K. R. et al., 2019.
- Willmott, Julia C. Robinson**
2017. See Willmott, K. R. et al., 2017b.
- Willmott, Keith Richard**
1993. See Hall, J. P. W. & K. R. Willmott, 1993.
- 1995a. See Hall, J. P. W. & K. R. Willmott, 1995a.
- 1995b. See Hall, J. P. W. & K. R. Willmott, 1995b.
- 1995c. See Hall, J. P. W. & K. R. Willmott, 1995c.
- 1996a. See Hall, J. P. W. & K. R. Willmott, 1996a.
- 1996b. See Hall, J. P. W. & K. R. Willmott, 1996b.
- 1996c. See Torres, R. et al., 1996.
- 1996d. See Hall, J. P. W. & K. R. Willmott, 1996c.
- 1998a. A fair review? *News of the Lepidopterists' Society* 40(4): 92-93, 1 fig. (15 September) [*Adelpha*; Venezuela]
- 1998b. See Hall, J. P. W. & K. R. Willmott, 1998a.
- 1998c. See Hall, J. P. W. & K. R. Willmott, 1998b.
- 1998d. See Hall, J. P. W. & K. R. Willmott, 1998c.
1999. See Pyrcz, T. W. et al., 1999.
2000. See Hall, J. P. W. & K. R. Willmott, 2000.
2001. See Hall, J. P. W. & K. R. Willmott, 2001.
- 2003a. Cladistic analysis of the Neotropical butterfly genus *Adelpha* (Lepidoptera: Nymphalidae), with comments on the subtribal classification of Limenitidini. *Systematic Entomology* 28(3): 279-322, 14 figs., 6 tabs. (July) [general]
- 2003b. *The genus Adelpha: Its systematics, biology and biogeography* (Lepidoptera: Nymphalidae: Limenitidini). Gainesville, Scientific Publishers. viii + 322 pp., 15 pls., 316 figs., 7 tabs., 1 map ([October]) [general; new taxa: *A. atlantica*, *A. corcyra dognini*, *A. c. salazari*, *A. erymanthis fortunata*, *A. fessonia ernestoi*, *A. leucophthalma smalli*, *A. melona neildi*, *A. paraena lecromi*, *A. radiata romeroi*, *A. seriphia barcantii*; host plants; life histories; ecology; behavior; conservation; Neotropics]
- 2004a. See Balcázar, M. A. & K. R. Willmott, 2004.
- 2004b. *Brush-footed butterflies* (Lepidoptera: Nymphalidae), pp. 379-384, fig. 133. In: Capinera, J. L. (Ed.), *Encyclopedia of Entomology*. Dordrecht, Kluwer Academic Publishers. Vol. 1. [Ed. 2, 2008] [general]
- 2005a. See Hall, J. P. W. et al., 2005.
- 2005b. See Mallarino, R. et al., 2005.
- 2005c. See Whinnett, A. et al., 2005a.
- 2005d. See Whinnett, A. et al., 2005b.
- 2005e. See Whinnett, A. et al., 2005c.
- 2005f. See Hall, J. P. W. & K. R. Willmott, 2005.
- 2006a. See Brower, A. V. Z. et al., 2006.
- 2006b. See Pyrcz, T. W. et al., 2006.
- 2006c. See Jiggins, C. D. et al., 2006.
- 2006d. See Gareca, Y. et al., 2006b.
- 2007a. See Brehm, G. et al., 2007.
- 2007b. See Elias, M. et al., 2007.
- 2008a. Beccaloni, G. W., Vilorio, A. L., Hall, S. K. & Robinson, G. S. (2008). Catalogue of the hostplants of the Neotropical butterflies / Catálogo de las plantas huésped de las mariposas neotropicales. *Tropical Lepidoptera Research* 18(2): 124-125, 2 figs. (1 December) [general; book review]
- 2008b. See Elias, M. et al., 2008.
- 2009a. See Elias, M. et al., 2009a.
- 2009b. See Elias, M. et al., 2009b.
- 2009c. See Janzen, D. H. et al., 2009.
- 2009d. See Hall, J. P. W. & K. R. Willmott, 2009.
- 2009e. Mariposas de Canandé. Sus amenazas, potencial y futuro. 2008. Checa V., M. F. *Tropical Lepidoptera Research* 19(1): 60, 1 fig. (1 June) [general; Ecuador; book review]
- 2010a. See Silva, D. L. de et al., 2010.
- 2010b. See Hall, J. P. W. & K. R. Willmott, 2010.
- 2011a. See Pyrcz, T. W. et al., 2011b.
- 2011b. See Bolaños, I. A. et al., 2011.
- 2011c. See Gompert, Z. et al., 2011.
- 2011d. See Mullen, S. P. et al., 2011.
- 2012a. See Rosser, N. et al., 2012.
- 2012b. See Hill, R. I. et al., 2012.
- 2012c. Almir Cândido de Almeida & André Victor Lucci Freitas (2012). Lepidoptera. Borboletas e mariposas do Brasil. (Lepidoptera. Butterflies and moths of Brazil). *Tropical Lepidoptera Research* 22(2): 120, 2 figs. (3 December) [book review]
- 2013a. See Matos, P. F. et al., 2013.
- 2013b. See Ortiz, E. & K. R. Willmott, 2013.
- 2013c. See Giraldo, C. E. et al., 2013.
- 2013d. See Radford, J. T. & K. R. Willmott, 2013.
- 2014a. See Chazot, N. et al., 2014.
- 2014b. See Checa, M. F. et al., 2014.
- 2014c. See Warren, A. D. et al., 2014.
- 2014d. See Brower, A. V. Z. et al., 2014a.
- 2014e. See Brower, A. V. Z. et al., 2014b.
- 2014f. See Pyrcz, T. W. et al., 2014.
- 2015a. See Ebel, E. R. et al., 2015.
- 2015b. See Garzón, I. J. et al., 2015a.
- 2015c. A new subspecies of *Cithaerias pyropina* (Salvin & Godman, 1868) from the Cordillera de Cutucú in Southeastern Ecuador (Nymphalidae: Satyrinae). *Tropical Lepidoptera Research* 25(1): 1-4, 3 figs. (July) [*C. p. julia*; Peru, Bolivia]
- 2015d. See Nakahara, S. et al., 2015e.
- 2015e. Ronald I. Orenstein and Thomas Marent (2015). Butterflies. *Tropical Lepidoptera Research* 25(2): 104-105, 3 figs. (28 December) [general; book review]
- 2016a. See Silva, D. L. de et al., 2016a.
- 2016b. See Chazot, N. et al., 2016b.



- 2016c. See Freitas, A. V. L. et al., 2016a.
- 2016d. See Huertas, B. C. et al., 2016.
- 2016e. See Nakahara, S. et al., 2016b.
- 2016f. See Chazot, N. et al., 2016c.
- 2016g. See Freitas, A. V. L. et al., 2016e.
- 2016h. See Nakahara, S. et al., 2016c.
- 2016i. See Nakahara, S. et al., 2016d.
- 2017a. See Silva, D. L. de et al., 2017.
- 2017b. See Ortiz, E. et al., 2017.
- 2018a. See Espeland, M. et al., 2018.
- 2018b. See Nakahara et al., 2018a.
- 2018c. See Chazot, N. et al., 2018.
- 2018d. See Freitas, A. V. L. et al., 2018b.
- 2018e. See Barbosa, E. de P. et al., 2018.
- 2018f. See Benmesbah, M. et al., 2018.
- 2018g. See Zacca, T. et al., 2018.
- 2018h. See Nakahara et al., 2018b.
- 2018i. See Finkbeiner, S. D. et al., 2018.
- 2018j. See Dufour, P. C. et al., 2018.
- 2019a. See Dias, F. M. S. et al., 2019a.
- 2019b. See Espeland, M. et al., 2019.
- 2019c. See Nakahara, S. et al., 2019a.
- 2019d. See Rosser, N. et al., 2019a.
- 2019e. See Torres, K. P. et al., 2019.
- 2019f. See Freitas, A. V. L. et al., 2019a.
- 2019g. See Brévignon, C. et al., 2019.
- 2019h. See Chazot, N. et al., 2019a.
- 2019i. See Marín, M. A. et al., 2019.
- 2019j. See Nakahara, S. et al., 2019b.
- 2019k. See Nakahara, S. et al., 2019c.
- Willmott, Keith Richard, Luis Miguel Constantino and Jason Piers Wilton Hall**
2001. A review of *Colobura* (Lepidoptera: Nymphalidae) with comments on larval and adult ecology and description of a sibling species. *Annals of the entomological Society of America* 94(2): 185-196, 8 figs., 1 tab. (March) [*C. annulata*; taxonomy; host plants; distribution; Neotropics]
- Willmott, Keith Richard, Marianne Elias and Andrei Sourakov**
2011. Two possible caterpillar mimicry complexes in Neotropical danaine butterflies (Lepidoptera: Nymphalidae). *Annals of the entomological Society of America* 104(6): 1108-1118, 4 figs., 1 tab. (November) [general; host plants; behavior; Dominican Republic, Ecuador]
- Willmott, Keith Richard, and André Victor Lucci Freitas**
2006. Higher level phylogeny of the Ithomiinae (Lepidoptera: Nymphalidae): classification, patterns of larval hostplant colonization and diversification. *Cladistics* 22(4): 297-368, 31 figs., 4 tabs. (August) [general; Neotropics]
- Willmott, Keith Richard, André Victor Lucci Freitas, Jason Piers Wilton Hall, Karina Lucas Silva-Brandão and Márton Paluch**
2009. A new species of *Actinote* Hübner from the Eastern Andes of Ecuador (Lepidoptera: Nymphalidae: Heliconiinae). *Proceedings of the entomological Society of Washington* 111(1): 47-56, 5 figs. (27 January) [*A. kenneth*]
- Willmott, Keith Richard, and Jason Piers Wilton Hall**
1994. Four new species of riodinids from western Ecuador (Lepidoptera: Riodinidae). *Tropical Lepidoptera* 5(2): 87-91, 10 figs. ("30 November", [8 December]) [*Theope pepo*, *T. iani*, *Symmachia wiltoni*, *Mesosemia hazelae*]
- 1995a. Two new species of satyrines from Ecuador (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera* 6(2): 103-105, 4 figs. ([5] December) [*Megeuptychia monopunctata*, *Splendeuptychia toynei*; Peru, Colombia]
- 1995b. Two new species of *Adelpha* from Eastern Ecuador (Lepidoptera: Nymphalidae). *Tropical Lepidoptera* 6(2): 106-109, 8 figs. ([5] December) [*A. shuara*, *A. argentea*; Peru]
1997. The butterflies of Venezuela. Part 1: Nymphalidae I (Limenitidinae, Apaturinae, Charaxinae). A comprehensive guide to the identification of adult Nymphalidae, Papilionidae and Pieridae by Andrew F. E. Neild. 1996. *Tropical Lepidoptera* 8(1): 46 (5 September) [general; book review]
1999. Taxonomic notes on Ecuadorian *Adelpha*, with the description of two new species and seven new subspecies (Lepidoptera: Nymphalidae: Limenitidinae). *Tropical Lepidoptera* 10(1): 1-17, 20 figs. ("30 November" [30 December]) [*A. hesterbergi*, *A. lamasi*, *A. salus emmeli*, *A. attica hemileuca*, *A. iphicles estrecha*, *A. iphicleola thessalita*, *A. hyas hewitsoni*, *A. radiata explicator*, *A. r. aiellae*; mimicry; behavior; Central and South America]
2001. Winged gems of Ecuador. Biodiversity paradise. *National Geographic* 199(5): xxviii, 4 figs. (May) [general]
- 2004a. Taxonomic notes on the genus *Zaretis*, with the description of a new species (Lepidoptera: Nymphalidae: Charaxinae). *Tropical Lepidoptera* 12(1/2): 29-34, 5 figs. (23 December) [*Z. pythagoras*; Central and South America]
- 2004b. *Common butterflies of Yuturi and Yarina*. [Quito], Authors. 2 pp., figs. [general; Ecuador]
2010. A new species of *Dynamine* Hübner, [1819] from Northwestern Ecuador (Lepidoptera: Nymphalidae: Biblidinae). *Tropical Lepidoptera Research* 20(1): 23-27, 3 figs., 1 tab. (1 June) [*D. chiquita*]
2013. A new species and two new subspecies of *Adelpha* Hübner, [1819] from the tropical Andes (Nymphalidae: Limenitidinae). *Journal of the Lepidopterists' Society* 67(4): 241-252, 4 figs., 1 tab. (20 November) [*A. margarita*, *A. m. garleppi*, *A. justina pichincha*; Ecuador, Peru, Bolivia]
2019. *Twenty-seven years research in the butterflies of Ecuador: an overview of past, present and future*, pp. 50-51. In: Guarín, J. H., C. E. Giraldo & J. L. Jaramillo (Eds.), *Memorias & Resúmenes. Congreso Sociedad Colombiana de Entomología*. Medellín, Sociedad Colombiana de Entomología. (July) [general]
- Willmott, Keith Richard, Jason Piers Wilton Hall, Griff Kane and Karen Johson**
1993. Oxford & Cambridge butterfly expedition to Ecuador 1993. *Cambridge Expeditions Journal* 28: 13-19, 3 figs. [general]
- Willmott, Keith Richard, Jason Piers Wilton Hall and Gerardo Lamas**
2001. Systematics of *Hypanartia* (Lepidoptera: Nymphalidae: Nymphalinae), with a test for geographical speciation mechanisms in the Andes. *Systematic Entomology* 26(4): 369-399, 24 figs., 1 tab. (October) [new taxa: *H. dione disjuncta*, *H. celestia*, *H. fassli*, *H. trimaculata*, *H. t. autumnna*, *H. cinderella*; biogeography; Neotropics]
- Willmott, Keith Richard, and Gerardo Lamas**
2004. A new species of *Tithorea* (Lepidoptera: Nymphalidae: Ithomiinae) from the Chocó region of northwestern

- South America and Panama. *Journal of the New York entomological Society* 112(1): 1-17, 7 figs., 2 tabs. (12 July) [*T. pacifica*, *T. p. euphonia*, *T. p. concordia*; taxonomy; distribution; Colombia, Ecuador]
2006. A phylogenetic reassessment of *Hyalenna* Forbes and *Dircenna* Doubleday, with a revision of *Hyalenna* (Lepidoptera: Nymphalidae: Ithomiinae). *Systematic Entomology* 31(3): 419-468, 21 figs., 1 tab. (July; published online 5 June) [new taxa: *H. paradoxa incachaca*, *H. perasippa valencia*, *H. p. ortygiosa*, *H. p. solitaria*, *H. buckleyi*, *H. b. pomacocha*, *H. alidella versa*, *H. a. cinereola*, *H. a. exsulans*, *H. sulmona tersa*, *H. s. hyalina*, *H. s. balsamica*; life histories; host plants; systematics; distribution; Panama, South America]
2007. A revision of *Pachacutia*, a new genus of rare Andean ithomiine butterflies (Nymphalidae: Ithomiinae), with the description of two new species. *Annals of the entomological Society of America* 100(4): 449-469, 14 figs., 3 tabs. (July) [new taxa: *P. baroni*, *P. germani*, *P. mantura joroni*; taxonomy; Ecuador, Peru, Bolivia]
2008. A revision of the genus *Megoleria* (Lepidoptera: Nymphalidae, Ithomiinae). *Tropical Lepidoptera Research* 18(1): 46-59, 7 figs. (1 June) [new subspecies: *M. orestilla polylla*; Colombia, Ecuador, Peru, Bolivia]
- Willmott, Keith Richard, Gerardo Lamas and Jason Piers Wilton Hall**
- 2017c. Notes on the taxonomy of *Actinote intensa* Jordan (Lepidoptera: Nymphalidae: Heliconiinae) and the description of a new sibling species from eastern Ecuador. *Tropical Lepidoptera Research* 27(1): 6-15, 5 figs., 1 tab. (June) [*A. johncoulsoni*; Peru]
- Willmott, Keith Richard, Gerardo Lamas, James T. Radford, Mario Alejandro Marín, Shinichi Nakahara, Marianne Espeland, Lei Xiao and Jason Piers Wilton Hall**
2018. A distinctive new species of cloud forest Euptychiina (Lepidoptera: Nymphalidae: Satyrinae) from Ecuador and Peru. *Tropical Lepidoptera Research* 28(1): 39-45, 4 figs., 2 tabs. (published online 13 July) [*E. eremita*]
- Willmott, Keith Richard, and James Louis Borlase Mallet**
2004. Correlations between adult mimicry and larval host plants in ithomiine butterflies. *Proceedings of the royal Society of London (B)* 271 (suppl. 5) (*Biology Letters*): S266-S269, 1 fig., 1 tab. (7 August; published online 1 April) [general; Ecuador, Brazil, Costa Rica]
- Willmott, Keith Richard, Mario Alejandro Marín, Shinichi Nakahara, Tatiana Pomerantz, Gerardo Lamas, Blanca Cecilia Huertas, Marianne Espeland, Lei Xiao, Jason Piers Wilton Hall, James I. Robinson Willmott and André Victor Lucci Freitas**
2019. A revision of the new Andean butterfly genus *Optimandes* Marín, Nakahara & Willmott, n. gen., with the description of a new species (Nymphalidae: Satyrinae: Euptychiina). *Tropical Lepidoptera Research* 29(1): 29-44, 8 figs. (June; published online 3 May) [*O. mocha*; larva, pupa, imago; host plant; Colombia, Ecuador, Peru, Bolivia]
- Willmott, Keith Richard, Olaf Hermann Hendrik Mielke and André Victor Lucci Freitas**
2016. A new subspecies and validation of the enigmatic species *Adelpha herbita* Weymer endemic to the Brazilian Atlantic forest (Nymphalidae: Limenitidinae). *Tropical Lepidoptera Research* 26(1): 32-37, 5 figs. (June) [*A. h. perdita*]
- Willmott, Keith Richard, Mark J. Simon, Elena Ortiz and Jason Piers Wilton Hall**
- 2017a. First record of the enigmatic tribe Anaeomorphini (Lepidoptera, Nymphalidae, Charaxinae) outside of the Amazon basin: a new species of *Anaeomorpha* Rothschild, 1894, from the Chocó region of western Ecuador. *Insecta Mundi* 548: 1-10, 3 figs., 1 tab. (26 May) [*A. mirifica*; Colombia, Peru, Brazil]
- Willmott, Keith Richard, and Fabio Vitale**
2008. Taxonomic notes on *Napeogenes* from Ecuador and Colombia, with the description of ten new subspecies (Lepidoptera: Nymphalidae [sic]: Ithomiinae). *Genus* 19(3): 585-609, 5 figs., 1 tab. (30 October) [*N. apulia ocnita*, *N. a. sangay*, *N. lycora attali*, *N. benigna sandra*, *N. larilla reventador*, *N. l. pastazana*, *N. cranto chochoana*, *N. harbona chiguinda*, *N. h. podocarous*, *N. duessa orellana*, *N. d. cunza*]
- Willmott, Keith Richard, Julia C. Robinson Willmott, Marianne Elias and Christopher David Jiggins**
- 2017b. Maintaining mimicry diversity: optimal warning colour patterns differ among microhabitats in Amazonian clearwing butterflies. *Proceedings of the Royal Society of London (B)* 284(1855)(20170744): 1-9, 4 figs. (31 May; published online 24 May) [general; Ecuador]
- Wilson, Aída Carbajal de, and Manuel Vásquez**
2012. Insectos y otros artrópodos plaga asociados al cultivo del maracuyá, *Passiflora edulis*, en tres localidades de la provincia de Trujillo (Perú), 2012. *Rebiol* (Trujillo) 32(1): 73-78, 10, figs., 2 tabs. (June) [*Agraulis vanillae* (Linnaeus), *Dione juno* (Cramer); host plant]
- Wilson, Derek**
2012. See Dasmahapatra, K. K. et al., 2012.
- Wilson, Diana R.** [1886-1969]
1914. Mimicry among swallowtails and other notes on butterflies at São Paulo, Brazil. *Proceedings of the entomological Society of London* 1913(4): cxix-cxxii (31 March) [general]
- Wilson, H. F.**
1894. A list of Trinidad butterflies and moths. *Journal of the Trinidad Field Naturalists' Club* 2(4): 102-104 (October) [general]
- Wilson, John James**
2008. Biodiversity in crisis: Butterflies get barcodes. *Antenna* 32(2): 118. [*Astrartes fulgurator* (Walch); Costa Rica]
2009. See Janzen, D. H. et al., 2009.
2010. Assessing the value of DNA barcoding and other priority gene regions for molecular phylogenetics of Lepidoptera. *PLoS ONE* 5(5)(e10525): 1-9, 3 figs., 3 tabs. (7 May) [general]
- 2011a. Assessing the value of DNA barcodes for molecular phylogenetics: Effect of increased taxon sampling in Lepidoptera. *PLoS ONE* 6(9)(e24769): 1-6, 3 figs. (9 September) [general]
- 2011b. Taxonomy and DNA sequence databases: A perfect match? *Terrestrial Arthropod Reviews* 4(3): 221-236, 4 figs. (November) [*Taygetis*; Costa Rica]
- Wilson, Josleen**
1991. *North American butterflies*. New York, Gramercy Books. 80 pp., 82 figs. [general; Neotropics]
- Wilson, Kent Hale** [1928-2010]
- [1961]. Preliminary generic classification of the family Papilionidae. *Verhandlungen der XI. internationaler Kongress für Entomologie (Wien)* 1: 147 ([December 1961]) [general; Mexico]
1994. See Tyler, H. A. et al., 1994.
- Wilson, Rohan**

2011. See Laurance, W. F. et al., 2011.
- Wilts, Bodo D., Natasja IJbema and Doekele G. Stavenga**
2014. Pigmentary and photonic coloration mechanisms reveal taxonomic relationships of the cattlehearts (Lepidoptera: Papilionidae: *Parides*). *BMC evolutionary Biology* 14(160): 1-11, 6 figs. (27 July) [general; Neotropics]
- Wilts, Bodo D., Kristel Michielsen, Hans De Raedt and Doekele G. Stavenga**
2012. Iridescence and spectral filtering of the gyroid-type photonic crystals in *Parides sesostris* wing scales. *Interface Focus* 2(5): 681-687, 6 figs. (6 October; published online 21 December 2011) [morphology; Peru]
- Wilts, Bodo D., Primož Pirih and Doekele G. Stavenga**
2011. Spectral reflectance properties of iridescent pierid butterfly wings. *Journal of comparative Physiology (A)* 197(6): 693-702, 8 figs., 1 tab. (June; published online 23 February) [general]
- Wilts, Bodo D., Aidan J. M. Vey, Adriana Darielle Briscoe and Doekele G. Stavenga**
2017. Longwing (*Heliconius*) butterflies combine a restricted set of pigmentary and structural coloration mechanisms. *BMC evolutionary Biology* 17(226): 1-12, 5 figs. (21 November) [general; morphology]
- Wiltshire, Edward Parr [1910-2004]**
1960. First impressions of the tropical forests of Southeastern Brazil and their Lepidoptera. *Journal of the Lepidopterists' Society* 13(2): 79-88, 1 fig. (12 February) [general]
1976. [A note]. *Proceedings and Transactions of the british entomological and natural History Society* 8(4): 115 (February) [*Papilio anchisiades* Esper; Trinidad]
- 1991-92. Reminiscences of an amateur lepidopterist, 1920-1990. *Entomologists' Record and Journal of Variation* 103(3/4): 63-68 (25 March 1991), (5/6): 119-124, 4 figs. (21 May 1991), (7/8): 175-180, 2 figs. (15 July 1991), (9/10): 251-256 (15 September 1991), (11/12): 307-312, 1 fig. (15 November 1991); 104 (1/2): 33-38, 3 figs. (15 January 1992), (3/4): 71-74, 3 figs. (15 March 1992), (5/6): 149-154, 2 figs. (15 May 1992), (7/8): 203-206, 2 figs. (15 July 1992), (11/12): 281-286, 1 fig. (15 November 1992) [general]
- Winder, John A.**
1995. See Harley, K.L. S. et al., 1995.
- Winder, John A., and Ken L. S. Harley**
1983. The phytophagous insects on *Lantana* in Brazil and their potential for biological control in Australia. *Tropical Pest Management* 29(4): 346-362, 4 figs., 4 tabs. (December) [*Theagenes diurna* (Butler), *Actinote* sp., *Thecla palegon* (Cramer), *Strymon bazochii* (Godart); host plants]
- Windmill, James F. C.**
2009. See Lucas, K. M. et al., 2009.
2014. See Lucas, K. M. et al., 2014.
- Windsor, Donald Montgomery**
1980. See Silberglied, R. E. et al., 1980.
1995. See Werren, J. H. et al., 1995.
2009. See Helson, J. E. et al., 2009.
2010. See Vigneron, J.-P. et al., 2010.
2014. See Prado, A. et al., 2014.
- Winhard, Walter**
1996. Konvergente Farbmusterentwicklungen bei Tagfaltern. Freilanduntersuchungen in Asien, Afrika und Südamerika. *Spixiana. Supplement* 21: 1-192, figs., tabs. (1 November) [general; mimicry]
2000. *Pieridae I*. In: Bauer, E. & T. Frankenbach (Eds.), *Schmetterlinge der Erde. Tagfalter*. Keltern, Goecke & Evers. 10: 1-40, 48 pls. (September) [general]
2004. See Le Crom, J. F. et al., 2004.
- 2016a. Was macht Schmetterlinge ähnlich, wenn nicht Verwandtschaft? Erläutert an Beispielen aus Südamerika, hauptsächlich Kolumbien und Ecuador, mit Neubeschreibungen einer Art und von 17 Unterarten (Lepidoptera; Pieridae, Nymphalidae). *Atalanta* 47(3/4): 290-319, 15 pls. (December) [general; mimicry; unavailable names]
- 2016b. Zwei neue Unterarten innerhalb der Gattung *Eueides* Hübner, 1819 aus Kolumbien (Lepidoptera, Nymphalidae). *Atalanta* 47(3/4): 320-322, 5 figs. (December) [unavailable names]
- 2016c. Zwei neue Unterarten der Gattung *Parides* Hübner, 1819 aus Kolumbien und Ecuador (Lepidoptera, Papilionidae, Papilioninae, Troidini). *Atalanta* 47(3/4): 323-326, figs. (December) [unavailable names]
- 2016d. Neue Unterarten der Arten *Godyris zavaleta* (Hewitson, [1855]) und *Hypoleria vanilia* (Herrich-Schäffer, 1865) aus Kolumbien und Ecuador (Lepidoptera, Nymphalidae). *Atalanta* 47(3/4): 327-331, 2 pls. (December) [unavailable names]
2017. Neue Tagfalterarten und -unterarten aus Kolumbien und Ecuador (Lepidoptera: Papilionidae, Pieridae et Nymphalidae). *Atalanta* 48(1/4): 261-274, 7 pls. (1 September) [*Battus belus quimi*, *Parides anchises casanare*, *P. a. capurgana*, *P. iphidamas uraba*, *P. i. angustus*, *Mimoides pausanias ruber*, *Archonias brassolis radiata*, *Catasticta philone pastuza*, *C. prioneris obscura*, *C. p. palanda*, *Hyaliris coeno triunfo*, *Velamysta perlucens*, *Altinote santamarta*, *Abananote roseus*, *Heliconius hecuba marmol*, *H. h. meridianus*]
- 2018a. See Le Crom, J. F. et al., 2018.
- 2018b. Eine neue Tagfalterart und neue Tagfalterunterarten aus Kolumbien und Ecuador (Lepidoptera: Papilionidae, Pieridae et Nymphalidae). *Neue entomologische Nachrichten* 75: 143-148, 12 figs. (December) [*Protesilaus exiguus*, *Dismorphia hyposticta intercisca*, *Hyposcada dujardini mocoa*, *H. illinissa varia*, *Tithorea harmonia lapidosa*, *Heliconius pardalinus lapidosus*]
- Winkler, Thesi**
1977. Ein Zipfelfalter (*Atides halesus* Cramer, 1779) mit Pseudokopf (Lepidoptera: Lycaenidae, Theclinae). A butterfly (*Atides halesus* Cramer, 1779) with a pseudohead (Lepidoptera: Lycaenidae, Theclinae). *Zoologischer Anzeiger* 198(1/2): 31-35, 2 figs. [general; behavior; Central America, Mexico]
- Winslow, Judy**
2009. See Saba, J. & J. Winslow, 2009.
- Winter, P. Q.**
1985. A tropical butterfly imported to Britain. *Proceedings and Transactions of the british entomological and natural History Society* 18(1): 14 (April) [*Opsiphanes*]
- Winter, W. R.**
1914. *The arrowroot worm* (Calpodes ethlius) Lepidoptera, pp. 16-17. In: *Report of the Board of Agriculture, Bermuda, for the twelve months ending 31st December 1912*. Hamilton, Board of Agriculture. [life history; host plants; Bermuda]
- Winter, William David, Jr. [1923-1998]**
1979. Field summary for 1978. Zone 10: South America. *News of the Lepidopterists' Society* 1979(2): 15-17 (March-April) [general; Brazil, Ecuador]

1980. See Mori, J. R. et al., 1980.
1981. The Morelos trip. *News of the Lepidopterists' Society* 1981(5): 61-62 (September-October) [general; Mexico]
2000. Basic techniques for observing and studying moths & butterflies. *Memoirs of the Lepidopterists' Society* 5: xviii + 444 pp., figs., tabs. [general]
- Winterhalter, Jean J.**  
1949. See Havrylenko, D. & J. J. Winterhalter, 1949.
- Wirth, T.**  
2015. See Huber, B. et al., 2015.
- Wirth, Willis Wagner** [1916-1994]  
1956. New species and records of biting midges ectoparasitic on insects (Diptera, Heleidae). *Annals of the entomological Society of America* 49(4): 356-364, 5 figs. (30 August) [general; South America]
- Wirtz, Robert A.**  
1984. Allergic and toxic reactions to non-stinging arthropods. *Annual Review of Entomology* 29: 47-69 (January) [general; Neotropics]
- Wisdom, Charles S.**  
1982. See Smiley, J. T. & C. S. Wisdom, 1982.  
1985. See Smiley, J. T. & C. S. Wisdom, 1985.
- Wiskott, Max** [1840-1911]  
1897. Die Lepidopteren-Zwitter meiner Sammlung. Verzeichniss derselben mit kurzer Beschreibung und 4 Lichtdrucktafeln. *Fest-Schrift zur Feier des fünfzig-jährigen Bestehens des Vereins für schlesische Insektenkunde in Breslau 1847-97*, pp. 91-141 + [2], 4 pls. [*Papilio lycophron* Hübner; Brazil]
1898. Lepidopteren-Zwitter meiner Sammlung. *Deutsche entomologische Zeitschrift "Iris"* 10(2): 377-389, pls. 10-11 (12 January) [*Papilio lycophron* Hübner]
- Wisor, Randolph W., and Albert Schwartz**  
1985. Status of *Calisto pulchella darlingtoni* Clench (Lepidoptera: Satyridae). *Florida Scientist* 48(1): 7-13. [Hispaniola]
- Witham, Peter**  
1995. See Scofield, A. M. et al., 1995.
- Withnall, Robert**  
2005. See Silver, J. et al., 2005.
- Withycombe, Cyril Luckes** [1898-1926]  
1926a. A nymphaline butterfly, *Prepona antimache* Hübn., from Trinidad with symmetrical injuries to the forewings probably caused by the beak of a bird. *Proceedings of the entomological Society of London* 1925(3/4): xxxvii (5 February)
- 1926b. The scents emitted by the Neotropical butterfly *Heliconius erato hydarus* Hewitson. *Proceedings of the entomological Society of London* 1925(3/4): xxxvii-xli (5 February) [Trinidad]
- Witkop, Bernhard** [1917-2010]  
1967. See Tokuyama, T. et al., 1967.
- Witkowski, Nicolas** [1949- ]  
2007. *Papillonages. Une histoire culturelle du papillon*. Paris, Éditions du Seuil. 144 pp., figs. (October) [general; cultural lepidopterology]
- Witt, Thomas Josef** [1947-2019]  
1966. Die Weibchen von *Anaea hirta* Weymer und *Anaea pasibula* Doubleday (Lepidoptera, Nymphalidae). *Mitteilungen der Münchner entomologische Gesellschaft* 56: 186-189, pls. 5-6 (1 December) [Brazil, Colombia]
- 1970a. Das Weibchen von *Anaea phoebe* (Druce, 1877) (Lepidoptera, Nymphalidae). *Mitteilungen der Münchner entomologische Gesellschaft* 58: 32-34, pl. 2 (1 June) [Peru, Ecuador, Bolivia]
- 1970b. Beiträge zur Kenntnis der Insektenfauna Boliviens XXII. Lepidoptera V. Gattung *Anaea* Hübner, 1819 (Nymphalidae). *Veröffentlichungen der zoologische Staatssammlung München* 14: 45-73, 4 pls., 3 figs. (15 June) [general; new subspecies: *A. moretta wiegeliana*]
1972. Beiträge zur Kenntnis der Gattung *Anaea* Hübner (1819) (Lep., Nymphalidae). *Mitteilungen der Münchner entomologische Gesellschaft* 62: 163-183, pls. 4-10, 4 figs. (1 December) [general; new taxa: *A. glycerium comstocki*, *A. echemus bahamae*, *A. e. danieliana*, *A. intermedia*; Neotropics]
1977. See Baumann, H. et al., 1977.
1980. Description of a new species and a new subspecies of the genus *Anaea* Hübner, 1819 from the Yucatán peninsula, with notes on other species (Lepidoptera, Nymphalidae, Charaxinae). *Entomofauna* 1(18): 366-383, 7 pls. (15 December) [*A. (Memphis) maya*, *A. (M.) glycerium yucatanum*; Central America, Venezuela]
- Witte, Ludger**  
1991. See Trigo, J. R. et al., 1991.  
1995. See Hartmann, T. & L. Witte, 1995.  
1996a. See Trigo, J. R. et al., 1996.  
1996b. See Freitas, A. V. L. et al., 1996.
- Wittekindt, Holger**  
1990. A Latin American caterpillar calls ants to a free meal. *Scientific American* 263(4): 24, 1 fig. (October) [*Thisbe irenea* (Cramer); behavior]
- Witthohn, Klaus, and Clas Michael Naumann**  
1987. Cyanogenesis – A general phenomenon in the Lepidoptera? *Journal of chemical Ecology* 13(8): 1789-1809, 1 fig., 1 tab. (August) [general]
- Wittkugel, Erich** [1851- ]  
1890. Lepidopterologische Sammelergebnisse in Honduras. *Societas entomologica* 5(4): 26-27 (15 May) [general]
- Wittstock, Ute**  
2007. See Wheat, C. W. et al., 2007.
- Witz, Brian W.**  
1990. Antipredator mechanisms in arthropods: a twenty year literature survey. *Florida Entomologist* 73(1): 71-99, 4 figs., 2 tabs. (30 March) [general]
- Woelke, Joop, and Sarah van Broekhoven**  
2016. *Heliconius*: vreemde vogel onder de vlinders. *Vlinders* 29(2): 12-14, figs. (May) [general; Panama]
- Woelke, Jozef B.**  
2010. See Guerrieri, E. et al., 2010.
- Woelke, Jozef B., Viktor N. Fursov, Alex V. Gumovsky, Marjolein de Rijk, Catalina Estrada, Patrick Verbaarschot, Martinus E. Huigens and Nina E. Fatouros**  
2019. Description and biology of two new egg parasitoid species (Hymenoptera: Trichogrammatidae) reared from eggs of Heliconiini butterflies (Lepidoptera: Nymphalidae: Heliconiinae) in Panama. *Journal of natural History* 53(11/12): 639-657, 5 figs. (published online 8 May) [host plants]
- Wohlfahrt, Theodor Albrecht Friedrich** [1907-2006]  
1952. Maria Sibylla Merian. *Kosmos* (Stuttgart) 48(1): 1-2, pls. 2-3 (January) [*Morpho deidamia* var.; Surinam]
- Wojtuskiak, Janusz** [1942-2012]  
1998. North Andean cloud forest and subparamo species of the genus *Catantactis*: *C. chrysolopha* Kollar, *C. spectrum* Reissinger and *C. abdita* new species (Lepidoptera Pieridae). *Lambillionea* 98(4)(2): 595-599, 13 figs. (December) [Colombia, Venezuela]
1999. See Pyrcz, T. W. & J. Wojtuskiak, 1999.

2000. See Bálint, Z. & J. Wojtusiak, 2000.
2001. See Bálint, Z. & J. Wojtusiak, 2001.
- 2002a. See Bálint, Z. & J. Wojtusiak, 2002a.
- 2002b. See Bálint, Z. & J. Wojtusiak, 2002b.
- 2002c. See Pycrz, T. W. & J. Wojtusiak, 2002.
- 2003a. See Bálint, Z. & J. Wojtusiak, 2003.
- 2003b. See Vilorio, Á. L. et al., 2003.
2005. See Bálint, Z. & J. Wojtusiak, 2005.
- 2006a. See Bálint, Z. & J. Wojtusiak, 2006a.
- 2006b. See Bálint, Z. & J. Wojtusiak, 2006b.
- 2006c. See Bálint, Z. et al., 2006b.
- 2006d. See Bálint, Z. et al., 2006c.
- 2006e. See Bálint, Z. et al., 2006d.
- 2006f. See Bálint, Z. & J. Wojtusiak, 2006c.
2007. See Bálint, Z. et al., 2007.
2008. See Bálint, Z. et al., 2008.
- 2009a. See Pycrz, T. W. et al., 2009b.
- 2009b. See Pycrz, T. W. et al., 2009c.
- 2010a. See Bálint, Z. et al., 2010b.
- 2010b. See Pycrz, T. W. & J. Wojtusiak, 2010a.
- 2010c. See Pycrz, T. W. & J. Wojtusiak, 2010b.
- 2010d. *Polish entomological research in Latin America*, pp. 227-247, 3 figs. In: Mirek, Z., A. Flakus, A. Krzanowski, A. Paulo & J. Wojtusiak (Eds.), *The nature and culture of Latin America. Review of Polish studies*. Krakow, Polish Academy of Sciences, W. Szafer Institute of Botany. [general; history; Neotropics]
- 2011a. See Pycrz, T. W. et al., 2011b.
- 2011b. See Bálint, Z. & J. Wojtusiak, 2011.
- Wojtusiak, Janusz, and Fernando Rey**
1999. Forest-paramo ecotone butterflies of the genus *Catantixia* in the Tamá range, Venezuela-Colombia border: *C. uricoecheae inopa* new subsp. and *C. tricolor tomasi* new subsp. *Lambillionea* 99(1)(2): 87-90, 6 figs. (March)
- Wolcott, George Norton** [1889-1965]
1921. The minor sugar-cane insects of Porto Rico. *Journal of the Department of Agriculture of Porto Rico* 5(2): 5-46, 19 figs. (April) [Hesperiidae; life histories; parasitoids]
- 1922a. The insects of sugar cane in Santo Domingo. *Journal of the Department of Agriculture of Porto Rico* 6(1): 32-37, 1 pl. (October) [Hesperiidae, *Calisto pulchella* Lathy; life histories; parasitoids; distribution; República Dominicana]
- 1922b. See Jones, T. H. & G. N. Wolcott, 1922.
1924. "Insectae Portoricenses". A preliminary annotated check-list of the insects of Porto Rico, with descriptions of some new [sic] species. *Journal of the Department of Agriculture of Porto Rico* 7(1): 1-313, 2 pls. (January) [general; host plants; life histories; parasitoids]
- 1927a. Notes on the pierid butterfly, *Kricogonia castalia* Fab. (Lepid.). *Entomological News* 38(4): 97-100 (8 April) [larva, pupa; behavior; parasitoids; Haiti]
- 1927b. *Entomologie d'Haiti*. Port-au-Prince, Département d'Agriculture. 440 pp., 133 figs. [general; host plants; life histories; behavior]
- 1929a. Segundo informe anual de la Sección de Entomología. Correspondiente al año de 1928. *Informe. Estación experimental agrícola de la Sociedad nacional agraria* (Lima) 12: 1-34, 12 figs. (January) [*Preneles ares* Felder; host plant; Peru]
- 1929b. Informe del Jefe de la Sección de Entomología. *Memoria. Estación experimental agrícola de la Sociedad nacional agraria* (Lima) 1: 31-62, 12 figs. (January) [*Preneles ares* Felder; host plant; Peru]
1931. The initiation of entomological extension work in Haiti. *Journal of economic Entomology* 24(1): 131-141 (February) [*Calisto pulchella* Lathy; host plant; Hispaniola]
1933. *An economic entomology of the West Indies*. San Juan, Entomological Society of Puerto Rico. xviii + 688 pp., 111 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; parasitoids]
1934. The larvae of *Lycaena theonus* Lucas feeds on buds and flowers of lima bean and *Crotalaria incana* in Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 18(3): 435 (October)
1936. "Insectae Borinquenses". A revised annotated check-list of the insects of Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 20(1): 1-600, figs. (July) [general; host plants; life histories]
1941. Supplement to "Insectae Borinquenses". *Journal of Agriculture of the University of Puerto Rico* 25(2): 33-158 (April) [general; host plants]
1951. The insects of Puerto Rico. *Journal of Agriculture of the University of Puerto Rico* 32(3): 417-748, figs. (5 May) [general; host plants; life histories; behavior; ecology; distributions; parasitoids and predators]
1956. Entomología económica puertorriqueña. *Boletín. Estación experimental agrícola. Universidad de Puerto Rico* 125: 1-208, 133 figs. ("May 1955", April 1956) [general; host plants]
1971. *Orden 19. Los Lepidópteros (Lepidoptera)*, pp. 778-855, figs. In: Cendrero, L. (Ed.), *Zoología Hispano-americana. Invertebrados*. México, D.F., Editorial Porrúa, S.A. xxi + 1151 pp., figs. [general]
- Wolcott, George Norton, and Luis Felipe Martorell**
1944. The seasonal cycle of insect abundance in Puerto Rican cane fields. *Journal of Agriculture of the University of Puerto Rico* 27(2): 85-104, 12 figs. (June) [Hesperiidae; parasitoids and predators]
- Wolda, Henk**
1978. Fluctuations in abundance of tropical insects. *American Naturalist* 112(988): 1017-1045, 6 figs., 3 tabs. (November-December) [*Heliconius ethilla* (Godart); Trinidad]
- Wolf, Jan**
2011. See Laurance, W. F. et al., 2011.
- Wolf, Kristen A.**
2019. See Ray, D. A. et al., 2019.
- Wolf, Steven A.**
2015. See Gustafsson, K. M. et al., 2015.
- Wolf, Theodor** [1841-1924]
1892. *Geografía y geología del Ecuador. Publicada por orden del Supremo Gobierno de la República*. Leipzig, F. A. Brockhaus. 657 pp., 12 pls., 47 figs., 2 maps [*Pieris* sp.. *Libythea carinenta* (Cramer); migration]
- Wolfe, Gary, and Christopher Dike Nagano**
1986. The migration of the monarch butterfly. An uncertain future. *Terra* 25(1): 22-27, figs. (September-October) [*Danaus plexippus* (Linnaeus); Mexico]
- Wolfe, Keith V.**
2017. Probable last instar larvae of *Oopoptera staudingeri mexicana* (Nymphalidae, Satyrinae, Brassolini). *News of the Lepidopterists' Society* 59(1): 28-29, 3 figs. (23 February) [host plant; Honduras]
- Wolfe, Kirby Lance** [1939- ]
1979. See DeVries, P. J. & K. L. Wolfe, 1979.
- Wolfe, Lorne M.**
1987. See Bowers, M. D. et al., 1987.
- Wolff, Marta Isabel**
2009. See Vélez, A. et al., 2009.

2010. See Vélez, A. M. et al., 2010.  
 2011. See Duque, P. et al., 2011.  
 2013. See Duque, P. et al., 2013.  
 2014a. See Vélez, A. et al., 2014.  
 2014b. See Duque, P. et al., 2014.
- Wolter, Esther Levy Aguiar**  
 1994. See Pereira, O. L., Jr. et al., 1994.
- Wolter, Wilson, Filho**  
 1994. See Pereira, O. L., Jr. et al., 1994.
- Wood, Byron, and Michael P. Gillman**  
 1998. The effects of disturbance on forest butterflies using two methods of sampling in Trinidad. *Biodiversity and Conservation* 7(5): 597-616, 4 figs., 7 tabs. (May) [general]
- Wood, Donald Montgomery** [1933- ]  
 2007. See Smith, M. A. et al., 2007.  
 2009. See Janzen, D. H. et al., 2009.  
 2012. See Smith, M. A. et al., 2012.  
 2014. See Fleming, A. J. et al., 2014.  
 2018. See Fleming, A. J. et al., 2018.  
 2019. See Fleming, A. J. et al., 2019.
- Wood, Jim**  
 1976. See Andresen, J. et al., 1976.
- Wood, John George** [1827-1889]  
 1863. *The Illustrated Natural History*. London, Routledge, Warne and Routledge. 3: [iv] + 810 pp., figs. ([before 21 February]) [general; new species: *Morpho neoptolemus*; behavior; Neotropics]  
 1874. *Insects abroad. Being a popular account of foreign insects, their structure, habits and transformations*. London, Longman, Green, and Co. xii + 780 pp., 20 pls., 520 figs. ([December]) [general; mimicry; Neotropics]
- Wood, T. W.**  
 1869. Insects in disguise. *The Student and intellectual Observer of Science, Literature and Art* 2(2): 81-93, 1 pl., 2 figs. [*Catagramma*; South America]
- Woodbury, Maxwell S.**  
 2019. See Freitas, A. V. L. et al., 2019a.
- Woodhall, Steve**  
 2005. Book review; 'Hazards of butterfly collecting' by Torben B. Larsen. *Metamorphosis* 16(4): 91-92 (December) [general]
- Woodley, J.**  
 1993. See Garraway, E. et al., 1993.
- Woodley, Norman E.**  
 2009. See Janzen, D. H. et al., 2009.
- Woodroffe, Joseph Froude** [c.1882-1947]  
 1914. *The upper reaches of the Amazon*. London, Methuen et Co., Ltd. xvi + 304 pp., 16 pls. [*Morpho, Epicalia ancea* (Linnaeus), *Haetera esmeralda* Doubleday; Peru, Colombia; Brazil]
- Woodruff, Robert E., Bertram M. Beck, Paul E. Skelley, Charles Y. L. Schotman and M. C. Thomas**  
 1998. *Checklist and bibliography of the insects of Grenada and the Grenadines*. Gainesville, Center for Systematic Entomology. 286 pp., 1 map [general]
- Woods, Josephine M. Hoepfner**  
 1935. *High spots in the Andes. Peruvian letters of a mining engineer's wife*. New York, G. P. Putnam's Sons. i-xiv, 15-320, 48 figs. [general]
- Woods, W. A., Jr.**  
 1998. Mass scaling of standard metabolic rate in Neotropical butterflies. *American Zoologist* 38(5): 121A. [general; abstract]
- Wootton, Anthony**  
 1984. *Insects of the World*. New York, Facts on File Publications. 244 pp., figs. [general]
- Wootton, Robin Jeremy**  
 1999. See Vukusic, P. et al., 1999.  
 2001. See Vukusic, P. et al., 2001.  
 2002. See Vukusic, P. et al., 2002.
- Worley, Kim C.**  
 2012. See Dasmahapatra, K. K. et al., 2012.
- Woronik, Alyssa**  
 2019. See Hill, J. A. et al., 2019.
- Worth, Charles Brooke** [1908- ]  
 1967. *A naturalist in Trinidad*. Philadelphia, J. B. Lippincott Company. 291 pp., 18 figs., 2 maps [general; Surinam]
- Worthy, Robert (Bob)** [1954- ]  
 2005. Notes on the status of *Colias verhulsti* Berger, 1983 (Lepidoptera: Pieridae). *Nachrichten der entomologischen Verein Apollo* (N.F.) 26(1/2): 95-96, 1 pl. (26 August) [Peru, Bolivia, Argentina]  
 2012. See Grieshuber, J. et al., 2012.
- Wourms, Mark K., and Fred E. Wasserman**  
 1986. Bird predation on Lepidoptera and the reliability of beak-marks in determining predation pressure. *Journal of the Lepidopterists' Society* 39(4): 239-261, 3 figs., 8 tabs. (25 June) [general]
- Woytkowski, Felix** [1892-1966]  
 1946. Las Catactictas del Perú (Lepidoptera - Pieridae). *Boletín del Museo de Historia natural "Javier Prado"* 10(36/37): 91-98 (July) [general; behavior; distribution]  
 1974. *Moja ziemia nieobiecana*. Wrocław, Zakład Narodowy Imienia Ossolinskich. 304 pp., frontisp., 105 figs., 6 maps. [Edited by M. Salomea Wielopolska] [English ed., 1978] [general; Peru]
- Wray, Gregory Allan**  
 1988. See Nijhout, H. F. & G. A. Wray, 1988.  
 1990. See Nijhout, H. F. et al., 1990.
- Wray, Victor, Raymond H. Davis and Adolf Nahrstedt**  
 1983. Biosynthesis of cyanogenic glycosides in butterflies and moths: Incorporation of valine and isoleucine into linamarin and lotaustralin by *Zygaena* and *Heliconius* species (Lepidoptera). *Zeitschrift der Naturforschung* 38C(7/8): 583-588, 3 figs., 2 tabs. (July-August) [*H. melpomene* (Linnaeus)]
- Wright, A. E.**  
 1973. A new species of *Apaustus* (Lepidoptera: Hesperidae) from South America. *Entomologist* 106(1325): 217-219, pl. 3 (October) [*A. howarthi*; Ecuador]
- Wright, Barry**  
 1991. See Ferguson, A. D. C. et al., 1991.
- Wright, David M.**  
 1990. See Scott, J. A. & D. M. Wright, 1990.  
 1994. See Pratt, G. F. et al., 1994.  
 1995. The American azures: Our blue heaven. *American Butterflies* 3(1): 20-28, figs. [*Celastrina*; Mexico]  
 2014. See Ballmer, G. R. & D. M. Wright, 2014.  
 2017. See Calhoun, J. V. & D. M. Wright, 2017.
- Wright, Donald P., Jr.** [1928- ]  
 1979. See Hanks, A. J. & D. P. Wright, Jr., 1979.  
 1991. *Odia, Odius, Osius, Orion! Bio-Philately* 40(4): 53, 1 fig. [*Historis odius* (Fabricius); West Indies]
- Wright, E. D.**  
 1894. Notes on a Trinidad butterfly. *Journal of the Trinidad Field Naturalists' Club* 2(2): 49-50 (June) [*Hypolimnas misippus* (Linnaeus); mimicry]
- Wright, R. G.**  
 1927. *Wild life in Jamaica*. Kingston, The Gleaner Co., Ltd. [iv] + 69 pp., figs. [general]

- Wright, S. Joseph**  
2004. See Van Bael, S. A. et al., 2004.
- Wright, Sheila, and Kenneth U. Clarke**  
1981. Photoperiod and larval body size: integrated factors controlling onset of the moulting cycle in *Heliconius melpomene* (Lepidoptera). *Journal of Zoology* 194(2): 143-163, 7 figs., 4 tabs. ([15] June) [Brazil]
- Wright, Stephen I.**  
2015. See Edger, P. P. et al., 2015.
- Wright, William David**  
1963. The rays are not coloured. *Nature* (London) 198(4887): 1239-1244, 5 figs. (29 June) [*Morpho*; morphology]
- Wright, William Greenwood** [1831-1912]  
1883. Mid-winter butterflies. *Papilio* 3(5/6): 117-119 (19 July) [general; Mexico]  
1890a. Mexican notes. I. *Zoe* 1(2): 51-54 (April) [general]  
1890b. Mexican notes. IV. *Zoe* 1(8): 231-235 (October) [*Papilio*]  
1905. *The butterflies of the West Coast of the United States*. San Francisco, The Whitaker & Ray Company. 257 + vii pp., 32 pls. ([October]) [Ed. 2, 1906] [general; Mexico]
- Wrobel, Murray**  
2000. *Elsevier's Dictionary of Butterflies and Moths in Latin, English, German, French and Italian*. Amsterdam, Elsevier. xiii + 278 pp. [general; common names]
- Wu, Corinna**  
1997. Butterfly sparkle characterized for chips. *Science News* 152(24): 375 (13 December) [*Morpho menelaus* (Linnaeus); morphology; Brazil]
- Wu, Dong-Xia**  
2007a. See Chen, N. et al., 2007.  
2007b. See Su, C.-Y. et al., 2007.
- Wu, Gaoxiang**  
2017. See Ge, D. et al., 2017.
- Wu, Grace C.**  
2010. See Salazar, C. A. et al., 2010.  
2016. See Nadeau, N. J. et al., 2016.
- Wu, Grace C., Mathieu Joron and Christopher David Jiggins**  
2010. Signatures of selection in loci governing major colour patterns in *Heliconius* butterflies and related species. *BMC evolutionary Biology* 10(368): 1-14, 5 figs., 3 tabs. (29 November) [general]
- Wu, Li-Wei**  
2015. See Espeland, M. et al., 2015.
- Wu, Li-Wei, Hideyuki Chiba, David C. Lees, Yasuhiro Ohshima and Ming-Luen Jeng**  
2019. Unravelling relationships among the shared stripes of sailors: Mitogenomic phylogeny of Limenitidini butterflies (Lepidoptera, Nymphalidae, Limenitidinae), focusing on the genera *Athyma* and *Limenitis*. *Molecular Phylogenetics and Evolution* 130: 60-66, 2 figs., 3 tabs. (January; published online 29 September 2018) [*Adelpha*]
- Wu, Li-Wei, Shen-Horn Yen, David C. Lees, Chih-Chien Lu, Ping-Shih Yang and Yu-Feng Hsu**  
2015. Phylogeny and historical biogeography of Asian *Pterourus* butterflies (Lepidoptera: Papilionidae): A case of intercontinental dispersal from North America to East Asia. *PLoS ONE* 10(10)(e0140933): 1-18, 4 figs., 4 tabs. (20 October) [general; Neotropics]
- Wu, Yuan-Qing**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Wucherpfennig, Ferdinand** [1878-1958]  
1929. Zur Biologie von *Morpho hercules* (Dalm). *Entomologische Zeitschrift* 43(12): 154-155 (22 September) [host plant; egg, larva, pupa, imago; behavior; Brazil]
1930. Armut oder Reichtum der Falterfauna Brasiliens. *Internationale entomologische Zeitschrift* 24(5): 49-55, 3 figs. (1 May) [general]
- 1931a. Amazonas-Sammelreise 1930/31. *Entomologische Rundschau* 48(6): 59-61, 2 figs. (15 March), (7): 69-71, 2 figs. (1 April) [general; Brazil]
- 1931b. Sammeltage im Urwald am Rio Madeira. *Internationale entomologische Zeitschrift* 25(10): 100-105, 1 fig. (8 June) [general; Brazil]
- 1931c. Entomologische Amazonas-Fahrt. Rio Solimões nach São Paulo de Olivença. *Entomologische Rundschau* 48(15): 153-156, 3 figs. (1 August), (16): 167-169, 1 fig. (15 August) [general; Brazil]
- 1931d. São [sic] Paulo de Olivença (Rio Solimões) - Borba (Rio Madeira). *Internationale entomologische Zeitschrift* 25(25): 255-258, 1 fig. (1 October) [general; Brazil]
- Wunder, Cora**  
2012. See Mebs, D. et al., 2012.
- Wurzell, Brian**  
1982. Yes! You need no bananas! *News of the Lepidopterists' Society* 1982(5): 59 (September-October) [*Caligo memnon* (Felder & Felder)]  
1983. Wise owls. *Newsletter. Exotic Entomology Group. Amateur Entomologists Society* 1983(1): 13-14 (March) [*Caligo memnon* (Felder & Felder)]
- Wust, Walter H.** [1967- ]  
2000. El misterio de la vida en Machu Picchu. *Rumbos de Sol & Piedra* (Lima) 5(22): 6-20, figs. [general; Peru]
- Wygodzinsky, Petr Wolfgang** [1916-1987]  
1948. See Zikán, W. & P. W. Wygodzinsky, 1948.
- Wylie, F. Ross**  
2000. See Speight, M. R. & F. R. Wylie, 2000.
- Wyniger, René** [1921-2006]  
1962. Pests of crops in warm climates and their control. *Acta tropica* (Supplement) 7: xxiii + 555 pp., 88 figs. [general; Neotropics]
- Wynne, Ian R.**  
2001. See Joron, M. et al., 2001.
- Wysoki, Manes, Michael A. van den Berg, Gad Ish-Am, Shmuel Gazit, Jorge E. Peña and Geoff. K. Waite**  
2002. *Pests and pollinators of avocado*, pp. 223-293, 5 figs., 2 tabs. In: Peña, J. E., J. L. Sharp & M. Wysoki (Eds.), *Tropical fruit pests and pollinators. Biology, economic importance, natural enemies and control*. Wallingford, CABI Publishing. [*Papilio garamas* (Geyer), *P. scamander* (Boisduval), *Pyrrhopyge chalybea* Scudder; Neotropics]
- Wytsman, Philogène Auguste Galilée** [1866-1925], and **William Forsell Kirby**  
1894-1908. *Sammlung exotischer Schmetterlinge errichtet von Jacob Hübner. New English facsimile edition*. Brussels, V. Verteneuil & L. Desmet. 1: [4] + ii + [iv] pp., 213 pls. ([before 1 May] 1894-1897); 2: [8] pp., pls. 214-438 (1898-1903); 3: 1-16 ([1899]), 17-24 ([before July 1900]), 25-64 ([1901]), 65-80 ([before March 1902]), 81-96 ([before December 1902]), 97-172 + [10] ([before November 1903]), pls. 439-491 ([1904]-1908) [general; new taxa: *Heliconius hagar*, *H. philadelphus*, *Eueides pythagoras*, *Phyciodes ithra*, *Junonia hübnerei*, *J. oriana*, *Pseudonica*, *Manataria*, *Adopaea commodus*]

**Xavier Filho, Francisco Felipe**

2007. See Leite, K. C. A. et al., 2007.  
 2008. See Lourido, G. M. et al., 2008.

**Xiao, J. H.**

2013. See Sun, B. F. et al., 2013.

**Xiao, Lei**

- 2018a. See Breinholt, J. W. et al., 2018.  
 2018b. See Willmott, K. R. et al., 2018.  
 2019a. See Willmott, K. R. et al., 2019.  
 2019b. See Nakahara, S. et al., 2019b.

**Xie, Xun**

2016. See Huangfu, M.-M- et al., 2016.

**Xie, Yiqun**

2011. See Liu, F. et al., 2011.

**Xie, Zhi-Hai**

2016. See Teng, X.-X et al., 2016.

**Xie, Zhuoying**

2018. See He, J. et al., 2018.

**Ximénez, Francisco [1666-1730]**

1967. *Historia Natural del Reino de Guatemala. Primera edición.* Guatemala, Editorial "José de Pineda Ibarra". 352 pp., figs. (*Publicación especial. Sociedad de Geografía e Historia de Guatemala* 14) (11 September) [general; history]

**Xing, Jian-Hong**

2018. See Shi, Q.-H. et al., 2018.  
 2019. See Shi, Q.-H. et al., 2019.

**Xing, Shuang**

2018. See Dufour, P. C. et al., 2018.

**Xiong, Yin**

2018. See Li, F. & Y. Xiong, 2018.

**Xu, Chang**

2019. See Pan, Z.-Q. et al., 2019.

**Xu, Chang, Zhong-Qi Pan, Lan Nie and Jia-Sheng Hao**

2019. The complete mitochondrial genome of *Issoria eugenia* (Lepidoptera: Nymphalidae: Heliconiinae). *Mitochondrial DNA (B)* 4(1): 1662-1663, 1 fig. (published online 24 April) [*Heliconius hecale* (Fabricius), *H. melpomene* (Linnaeus), *Hamadryas epinome* (C. Felder & R. Felder)]

**Xu, Sheng**

2009. See Ding, Y. et al., 2009.

**Xue, Chengbin**

2018. See He, J. et al., 2018.

**X. Y. Z. [= Eduard Wenzel]**

1928. Tagebuchblätter aus dem Urwalde. *Entomologisches Jahrbuch* 37: 149-152. [general; Brazil]  
 1929. Tagebuchblätter aus dem Urwalde (Als Vorsetzung vom Vorjahre 1928). *Entomologisches Jahrbuch* 38: 145-149. [general; Brazil]  
 1930. Tagebuchblätter aus dem Urwalde. *Entomologisches Jahrbuch* 39: 132-136, pls. 1-4. [general; ecology; host plants; Brazil]  
 1931. Tagebuchblätter aus dem Urwalde. *Entomologisches Jahrbuch* 40: 159-163. [general; Brazil]



# Y

## Yábar, Erick

- 2014a. *Índice-catálogo (bibliográfico) de los insectos de Cusco*. Cusco, Universidad Nacional de San Antonio Abad del Cusco. 63 pp. (January) [general; Peru]
- 2014b. *Catálogo de la fauna de Cusco. Diversidad y distribución de la fauna regional del Cusco (Perú) (Basado en la bibliografía de la Expedición Yale, 1911-1921)*. Cusco, Universidad Nacional de San Antonio Abad del Cusco. 86 pp. (January) [general]

## Yábar, Erick, and Benedicto Baca

1983. Algunos lepidópteros que atacan al "tarhui" (*Lupinus mutabilis*) en el Cusco. *Revista peruana de Entomología* 24(1): 81-85, 4 figs., 3 tabs. (30 May) [*Colias* sp., *Leptotes callanga* (Dyar); Peru]

## Yack, Jayne E.

2008. See Lane, K. A. et al., 2008.
2009. See Lucas, K. M. et al., 2009.
2014. See Lucas, K. M. et al., 2014.
2018. See Mikhail, A. et al., 2018.
2019. See Kawahara, A. Y. et al., 2019.

## Yack, Jayne E., and James Howard Fullard

1993. What is an insect ear? *Annals of the entomological Society of America* 86(6): 677-682, 1 fig., 1 tab. (November) [*Heliconius erato* (Linnaeus); morphology]
2000. Ultrasonic hearing in nocturnal butterflies. *Nature* (London) 403(6767): 265-266, 2 figs. (20 January) [*Macrosoma heliconiaria* (Guenée); Panama]

## Yack, Jayne E., Stephanie E. Johnson, Sarah G. Brown and Eric J. Warrant

- 2007a. The eyes of *Macrosoma* sp. (Lepidoptera: Hedyloidea): A nocturnal butterfly with superposition optics. *Arthropod Structure and Development* 36(1): 11-22, 7 figs. (March; published online 14 November 2006) [morphology; Panama]

## Yack, Jayne E., Elisabeth Klara Victoria Kalko and Annemarie Surlykke

- 2007b. Neuroethology of ultrasonic hearing in nocturnal butterflies (Hedyloidea). *Journal of comparative Physiology (A)* 193(6): 577-590, 9 figs., 1 tab. (June; published online 13 April) [general; Panama]

## Yack, Jayne E., Luis Daniel Otero, Jeff W. Danson, Annemarie Surlykke and James Howard Fullard

2000. Sound production and hearing in the blue cracker butterfly *Hamadryas feronia* (Lepidoptera, Nymphalidae) from Venezuela. *Journal of experimental Biology* 203(24): 3689-3702, 9 figs., 1 tab. (15 December) [anatomy; physiology]

## Yagi, Nobumasa [1894-1967], and Keiichi Omoto

1959. Two strains in *Colias* based on the cytophylogeny of androgenic scales in marginal band of the wings. *Kontyû* 27(1): 10-17, pls. 2-3, 2 figs. (15 March) [general]

## Yago, Masaya

2002. A brief review of higher classification of Lycaenidae. *The Nature and Insects* 37(10): 23-31, 7 figs., 1 tab. (October) [In Japanese] [general]
2003. Myrmecophilous organs of lycaenid larvae. *The Nature and Insects* 38(5): 15-20, 5 figs. (May) [In Japanese] [Riodinidae]
2007. See Shinkawa, T. et al., 2007.
2012. See Harada, M. et al., 2012.

2018. See Toussaint, E. F. A. et al., 2018.

## Yago, Masaya, Takashi Miyagawa, Jun Yokoyama and Mark Williams

2010. Life history of the Guatemalan copper, *Iophanus pyrrhias* (Godman & Salvin) (Lepidoptera, Lycaenidae). *Transactions of the lepidopterological Society of Japan* 60(4): 259-267, 17 figs. (15 March) [egg, larva, pupa, imago; host plant]

## Yago, Masaya, and Toyohi Saigusa

- 2002a. The subfamily Lycaeninae of the world I. *The Nature and Insects* 37(5): 29-31, 7 figs. (May) [In Japanese] [general]
- 2002b. The subfamily Lycaeninae of the world II. *The Nature and Insects* 37(6): 29-34, figs. 8-10 (June) [In Japanese] [general]
- 2002c. The subfamily Lycaeninae of the world III. *The Nature and Insects* 37(7): 31-35, figs. 11-12 (July) [In Japanese] [general]

## Yakovlev, Roman Viktorovich

2011. See Nieuwerkerken, E. J. van et al., 2011.

## Yakubu, Abdul-Aziz, Roberto Sáenz, Julie Stein and Laura E. Jones

2004. Monarch butterfly spatially discrete advection model. *Mathematical Biosciences* 190(2): 183-202, 10 figs. (August; published online 4 June) [*Danaus plexippus* (Linnaeus); migration; Mexico]

## Yamaguchi, Shuhei, Toshiaki Aoki and Takashi Tannowa

2006. Libytheinae butterflies collected by Akira Motono (Insecta: Lepidoptera: Nymphalidae). *Evolutionary Sciences* (Tokyo) 12: 35-42, 1 pl., 2 figs. (30 November) [*Libytheana*; Neotropics]

## Yamaguchi, Susumu

1987. See Unno, K. et al., 1987.
2003. See Akai, H. et al., 2003a.

## Yamamoto, Alice Fumi

1985. See Graf, V. & A. F. Yamamoto, 1985.

## Yamamoto, Haruhiko

2004. See Otaki, J. M. & H. Yamamoto, 2004.
2006. See Otaki, J. M. et al., 2006.

## Yamashita, Irene

1976. See Nomura, H. & I. Yamashita, 1976.

## Yamauchi, Takeo

2002. See Muroi, T. et al., 2002.

## Yamauchi, Takeo, and Osamu Yata

2004. Descriptions of male and female genitalia of *Kricogonia lyside* (Lepidoptera: Pieridae: Coliadinae). *Esakia* 44: 217-224, 6 figs. (10 March) [Mexico]

## Yanagizawa, Yuriko

1983. See Maimoni-Rodella, R. de C. S. et al., 1983.

## Yancey, Patrick Henry [1896-1969]

1945. Origins from mythology of biological names and terms. *Bios* (Madison) 16(1): 7-19 (March), (2): 73-88 (May), (4): 268-282 (December) [general; etymology]
1947. Supplement to Origins from mythology of biological names and terms. *Bios* (Madison) 18(1): 49-53 (March) [general; etymology]

## Yanes, Aleida

1998. See Hurtado, L. et al., 1998.

## Yang, Hong-Wei

2016. See Huangfu, M.-M- et al., 2016.

## Yang, Lili

2017. See Ge, D. et al., 2017.
- Yang, Meng**  
2015. See Niu, S. et al., 2015.
- Yang, Ping-Shih**  
2015. See Wu, L.-W. et al., 2015.
- Yang, Qian**  
2016. See Labandeira, C. C. et al., 2016.
- Yang, Qun**  
2015. See Shi, Q.-H. et al., 2015.  
2017. See Su, C.-Y. et al., 2017.
- Yang, Yumin**  
2018. See He, J. et al., 2018.
- Yang, Zihen H.**  
2001. See Jiggins, C. D. et al., 2001.
- Yáñez-Espinosa, Laura**  
2013. See Mora, R. et al., 2013.
- Yara, Claudia Lorena, and Alberto Ospina**  
2016. *Hormigas y mariposas de las cuencas de los ríos Meta y Bitá*, pp. 78-101, figs., tabs. In: Trujillo, F., R. Antelo & J. S. Usma (Eds.), *Biodiversidad de la cuenca baja y media del Río Meta*. Bogotá, Fundación Omacha; Fundación Palmarito; World Wildlife Fund. [general; Colombia]
- Yara, Claudia Lorena, Jaider Manuel Peña and Plutarco María Urbano**  
2011. *Hormigas y mariposas del Casanare*, pp. 102-119, 270-272, figs. In: Usma, J. S. & F. Trujillo (Eds.), *Biodiversidad del Departamento de Casanare: identificación de ecosistemas estratégicos*. Bogotá, Gobernación de Casanare (June) [general; Colombia]
- Yaseen, Maajid [1934-1987]**  
1984. Preliminary investigations for biological control of *Brassolis sophorae* in Guyana. *Proceedings. Caribbean Food Crops Society* 20: 307-308, 1 tab. [parasitoids; Neotropics]
- Yasukochi, Yuji, Lakshmikutty A. Ashakumary, Kotaro Baba, Atsuo Yoshido and Ken Sahara**  
2006. A second-generation integrated map of the silkworm reveals synteny and conserved gene order between lepidopterous insects. *Genetics* 173(3): 1319-1328, 4 figs., 2 tabs. (July) [*Heliconius melpomene* (Linnaeus)]
- Yata, Osamu**  
1979a. [Systematic position of the genus *Pieris*] [In Japanese]. *Kontyû to Shizen* 14(3): 14-23, 2 pls., 6 figs. [general]  
1979b. [On the new species recently discovered, belonging to the new genus *Reliquia santamarta* Ackery] [In Japanese]. *Chô Chô* 2(10): 65-67. [Colombia]  
1979c. [A recent publication on a new species of white butterfly, *Reliquia santamarta* Ackery] [In Japanese]. *Chô Chô* 2(11): 80-83, 15 figs. [Colombia]  
1987. [Milkweed butterflies their cladistics and biology. Ackery P. R. & R. I. Vane-Wright] [In Japanese]. *Yadoriga* 128:28-29 (5 March) [general; book review]  
1989. A revision of the Old World species of the genus *Eurema* Hübner (Lepidoptera, Pieridae). Part I. Phylogeny and zoogeography of the subgenus *Terias* Swainson and description of the subgenus *Eurema* Hübner. *Bulletin of the Kitakyushu Museum of natural History* 9: 1-103, 24 pls., 33 figs., 5 tabs. (31 December) [general]  
2004. See Yamauchi, T. & O. Yata, 2004.  
2005. See Umada, H. & O. Yata, 2005.  
2006. See Umada, H. & O. Yata, 2006.
- Yatagai, Toyohiko**  
2007. See Banerjee, S. et al., 2007.
- Yates, Harry O., III**  
1995. See Cibrián, D. et al., 1995.
- Yazaki, Yasuyuki, and Syunji Ariga**  
2006. *Butterflies of Peru*. Hokkaido, Authors. Vol. 1. 196 pp., figs. (1 February) [general]
- Ye, Junfeng**  
2016. See Niu, S. et al., 2015.
- Ye, W. H.**  
2004. See Zhang, L. Y. et al., 2004.
- Ye, Xiang**  
2011. See Liu, F. et al., 2011.
- Ye, Xiong**  
2019. See Shi, Q.-H. et al., 2019.
- Yeats, Thomas Pattinson [ ? -1782]**  
1773. *Institutions of Entomology: Being a translation of Linnaeus's Ordines et Genera Insectorum; or, Systematic arrangement of insects. Collated with the different systems of Geoffroy, Schaeffer and Scopoli, together with observations of the translator*. London, R. Horsfield. viii + 272 pp. [general]
- Yee, Emily N.**  
2009. See Pohl, N. et al., 2009.
- Yen, Shen-Horn**  
2009. See Regier, J. C. et al., 2009.  
2011. See Nieuwerkerken, E. J. van et al., 2011.  
2013. See Tamáska, I. et al., 2013.  
2015. See Wu, L.-W. et al., 2015.
- Yendall, David**  
1980. Insect fauna of the Mexican rainforest. *Bulletin of the amateur Entomologists' Society* 39(327): 76-85, 3 figs. (May) [general]
- Yépez, Gustavo, Francisco José Fernández and José Alejandro Clavijo**  
1985. Presencia de *Brassolis sophorae* (L., 1758) (Lepidoptera: Brassolidae) causando daños en palmas de chaguaramos, *Roystonea oleracea* (Jacq.) Colk, en el Estado de Carabobo, Venezuela. *Boletín de Entomología venezolana* (N.S.) 4(3): 23-24 (15 March) [parasitoids]
- Yildizhan, Selma**  
2007. See Schulz, S. et al., 2007.  
2008. See Schulz, S. et al., 2008.  
2010. See Estrada, C. et al., 2010.  
2011. See Estrada, C. et al., 2011.
- Yokoyama, Jun**  
2010. See Yago, M. et al., 2010.
- Yong, Sheyla, and Rayner Núñez**  
2014. Nueva planta hospedera para *Battus polydamas cubensis* Dufrane, 1946 (Lepidoptera: Papilionidae). *Boletín de la Sociedad entomológica aragonesa* 55: 341-342, 4 figs. (31 December) [egg, larva, pupa, imago; host plants]
- Yoon, Beom-Jin**  
2017. See Fu, J. et al., 2017.
- Yorke, James A.**  
2012. See Dasmahapatra, K. K. et al., 2012.
- Yoshida, Akihiro**  
2002. Antireflection of the butterfly and moth wings through microstructure. *Forma* (Tokyo) 17(2): 75-89, 13 figs. [*Morpho*; morphology]  
2014. Wing surface of lepidopteran insects (butterflies and moths): Layered structure composed of two kinds of scales. *Forma* (Tokyo) 29: S17-S21, 7 figs. [*Morpho didius* Hopffer; morphology]
- Yoshido, Atsuo**  
2006. See Yasukochi, Y. et al., 2006.
- Yoshimori, Akira**

2002. See Sasaki, A. et al., 2002.
- Yoshimoto, Carl M.**  
 1976. *Pseudoxenufens forsythi* a new genus and species of Trichogrammatidae (Hymenoptera: Chalcidoidea) from Western Ecuador. *Canadian Entomologist* 108(4): 419-44, 2 figs., 1 tab. (April) [*Opsiphanes cassina* C. Felder & R. Felder, *Caligo eurilochus* (Cramer); parasitoid]
- Yoshimoto, Hiroshi**  
 2000a. Laglaize's swallowtail (Papilionidae), a *Chilasa* or a *Priamides* or a *Heraclides*? *Butterflies* (Tokyo) 25: 40-47, 2 figs., 2 tabs. (30 April) [general; Neotropics]  
 2000b. Wood whites (Pieridae), the most primitive pierids? *Butterflies* (Tokyo) 26: 52-59, 17 figs. [In Japanese] (10 August) [general]  
 2001. Generic treatment of the tortoiseshell and its allied jagged nymphalids (Lepidoptera, Nymphalidae, Nymphalinae). *Butterflies* (Tokyo) 28: 40-46, 7 figs., 1 tab. (30 April) [general]  
 2002. Notes on the smallest butterflies in the world. *Butterflies* (Tokyo) 34: 35-41, 22 figs. (28 December) [Polyommataini]  
 2003. Notes on the Biini and Melanitini (Lepidoptera, Nymphalidae). *Butterflies* (Tokyo) 37: 49-55, 11 figs. (31 October) [general; taxonomy]
- Yoshimoto, Jiichiro, and José Luis Salinas**  
 2015. First record of *Atlides gaumeri* and notes on *Chalybs hassan* in Guatemala. *Southwestern Entomologist* 40(3): 497-501, 3 figs. (September)
- Yoshimoto, Jiichiro, José Luis Salinas and Mercedes Violeta Barrios**  
 2018. Annotated list of butterflies (Lepidoptera: Papilionoidea) of a Guatemalan dry forest, with two first records for Guatemala. *Tropical Lepidoptera Research* 28(1): 1-8, 4 figs. (July; published online 31 May) [general]  
 2019. Butterfly fauna and phenology in a dry forest of the Motagua Valley, Guatemala. *Journal of the Lepidopterists' Society* 73(3): 191-202, 6 figs., 1 tab. (6 September) [general]
- Yoshimura, Michael A.**  
 1997. See Leong, K. L. H. et al., 1997.
- Yoshino, Masato**  
 2017. See Suzuki, K. & M. Yoshino, 2017.  
 2019. See Suzuki, K. & M. Yoshino, 2019.
- Yoshioka, Shinya**  
 2002a. See Kinoshita, S., S. Yoshioka & K. Kawagoe, 2002.  
 2002b. See Kinoshita, S., S. Yoshioka, Y. Fujii et al., 2002.  
 2005. See Kinoshita, S. & S. Yoshioka, 2005.  
 2008a. See Giraldo, M. A. et al., 2008.  
 2008b. See Kinoshita, S. et al., 2008.  
 2008c. [Structural color of the lepidopteran scale: optical effects of microstructure, curvature and overlap of the scales]. [In Japanese]. *Comparative Physiology and Biochemistry* 25(3): 86-95, 14 figs. (16 October) [*Morpho*; morphology]  
 2016. See Giraldo, M. A. et al., 2016.
- Yoshioka, Shinya, H. Fujita, Shuichi Kinoshita and B. Matsuhana**  
 2014. Alignment of crystal orientations of the multi-domain photonic crystals in *Parides sesostris* wing scales. *Journal of the royal Society of London Interface* 11(92)(20131029): 1-9, 10 figs. (6 March; published online 18 December 2013) [morphology]
- Yoshioka, Shinya, and Shuichi Kinoshita**  
 2004. Wavelength-selective and anisotropic light-diffusing scale on the wing of the *Morpho* butterfly. *Proceedings of the royal Society of London (B)* 271(1539): 581-587, 6 figs. (22 March; published online 12 February) [*M. didius* Hopffer, *M. rhetenor* (Cramer); morphology]  
 2006a. Structural or pigmentary? Origin of the distinctive white stripe on the blue wing of a *Morpho* butterfly. *Proceedings of the royal Society of London (B)* 273(1583): 129-134, 7 figs. (22 January) [*Morpho cypris* Westwood; Colombia]  
 2006b. Single-scale spectroscopy of structurally colored butterflies: measurements of quantified reflectance and transmittance. *Journal of the optical Society of America (A)* 23(1): 134-141, 8 figs., 1 tab. (January) [*Morpho cypris* Westwood; Colombia]
- Yoshioka, Shinya, Shuichi Kinoshita and Akira Saito**  
 2004. Coloration mechanisms of *Morpho* butterflies and production of *Morpho* color plate. *Oyo Buturi* 73(7): 939-942, 6 figs. (July)
- You, Minsheng**  
 2017. See Zhao, Q. et al., 2017.
- Young, Allen Marcus [1942- ]**  
 1971a. Wing coloration and reflectance in *Morpho* butterflies as related to reproductive behavior and escape from avian predators. *Oecologia* 7(3): 209-222, 3 figs., 1 tab. (29 September) [general; biophysics; ecology; Costa Rica]  
 1971b. Notes on gregarious roosting in tropical butterflies of the genus *Morpho*. *Journal of the Lepidopterists' Society* 25(4): 223-234, 1 tab. (24 November) [general; Costa Rica]  
 1971c. Mimetic associations in natural populations of tropical papilionid butterflies. I. Life history and structure of a tropical dry forest breeding population of *Battus polydamus polydamus* [sic]. *Revista de Biología tropical* (San José) 19(1/2): 211-240, 10 figs., 6 tabs. (July-December) [Costa Rica]  
 1972a. Community ecology of some tropical rain forest butterflies. *American Midland Naturalist* 87(1): 146-157, 1 fig., 3 tabs. (January) [general; behavior; Costa Rica]  
 1972b. Mimetic associations in natural populations of tropical papilionid butterflies (Lepidoptera: Papilionidae). *Journal of the New York entomological Society* 79(4): 210-224, 1 fig., 9 tabs. (27 April) [Costa Rica]  
 1972c. Mimetic associations in populations of tropical butterflies. II. Mimetic interactions of *Battus polydamus* [sic] and *Battus bellus* [sic]. *Biotropica* 4(1): 17-27, 3 figs., 4 tabs. (April) [Costa Rica]  
 1972d. Interactions of *Philaethria dido* (Heliconiinae) and *Victorina steneles* [sic] (Nymphalinae) at *Stachytarpheta* flowers in Costa Rica: Evidence against mimetic association. *Acta biologica venezuelica* 8(1): 1-17, 1 fig., 4 tabs. (30 August) [ecology; behavior]  
 1972e. The ecology and ethology of the tropical nymphaline butterfly, *Victorina epaphus*. I. Life cycle and natural history. *Journal of the Lepidopterists' Society* 26(3): 155-170, 2 figs., 3 tabs. (29 September) [egg, larva, pupa, imago; host plants; behavior; Costa Rica]  
 1972f. Adaptive strategies of feeding and predator-avoidance in the larvae of the Neotropical butterfly *Morpho peleides limpida* (Lepidoptera: Morphidae). *Journal of the New York entomological Society* 80(2): 66-82, 4 figs., 1 tab. (11 December) [behavior; evolutionary biology; Costa Rica]  
 1972g. Breeding success and survivorship in some tropical butterflies. *Oikos* 23(3): 318-326, 6 figs., 6 tabs. [general; physiology; Costa Rica]  
 1972h. A contribution to the biology of *Itaballia caesia*

- (Pierinae) in a Costa Rican mountain ravine. *Wassman Journal of Biology* 30(1/2): 43-70, 13 figs., 4 tabs. [ecology; host plant; egg, larva, pupa, imago; behavior; mimicry]
- 1973a. Notes on the life cycle and natural history of *Dismorphia virgo* (Lepidoptera, Pieridae: Dismorphiinae) in Costa Rica. *Psyche* (Cambridge) 79(3): 165-178, 2 figs., 2 tabs. (21 March) [egg, larva, pupa, imago; host plant; behavior; mimicry]
- 1973b. On the life cycle and natural history of *Hymenitis nero* (Lepidoptera: Ithomiinae) in Costa Rica. *Psyche* (Cambridge) 79(4): 284-294, 2 figs., 1 tab. (25 April) [egg, larva, pupa, imago; host plant; behavior; mimicry]
- 1973c. Studies on comparative ecology and ethology in adult populations of several species of *Morpho* butterflies (Lepidoptera: Morphidae). *Studies on neotropical Fauna* 8(1): 17-50, 5 figs., 6 tabs. (April) [general; Costa Rica]
- 1973d. Notes on the biology of *Phyciodes (Eresia) eutropia* (Lepidoptera: Nymphalidae) in a Costa Rican mountain. *Journal of the New York entomological Society* 81(2): 87-100, 4 figs., 1 tab. (20 August) [egg, larva, pupa, imago; host plant; behavior; mimicry]
- 1973e. Notes on the life cycle and natural history of *Parides arcas mylotes* (Papilionidae) in Costa Rican premontane wet forest. *Psyche* (Cambridge) 80(1/2): 1-21, 3 figs., 1 tab. (7 September) [egg, larva, pupa, imago; host plant; behavior]
- 1973f. See Muysshondt, A. et al., 1973.
- 1973g. The life cycle of *Dircenna relata* (Ithomiidae) in Costa Rica. *Journal of the Lepidopterists' Society* 27(4): 258-267, 2 figs., 1 tab. (30 November) [egg, larva, pupa, imago; host plants; morphology; behavior; ecology]
- 1973h. Notes on the biology of the butterfly *Heliconius cydno* (Lepidoptera: Heliconiinae) in Costa Rica. *Wassman Journal of Biology* 31(2): 337-350, 2 figs., 1 tab. [egg, larva, pupa, imago; host plants; behavior; ecology]
- 1974a. Further observations on the natural history of *Philaethria dido dido* (Lepidoptera: Nymphalidae: Heliconiinae). *Journal of the New York entomological Society* 82(1): 30-41, 3 figs. (23 May) [life history; host plant; behavior; Costa Rica]
- 1974b. The rearing of the Neotropical butterfly *Morpho peleides* (Nymphalidae) on peanuts. *Journal of the Lepidopterists' Society* 28(2): 90-99, 3 figs., 2 tabs. (31 May) [egg, larva, pupa, imago; host plants; Costa Rica]
- 1974c. Notes on the biology of *Pteronymia notilla* (Ithomiidae) in a Costa Rican mountain forest. *Journal of the Lepidopterists' Society* 28(3): 257-268, 2 figs., 1 tab. (30 September) [egg, larva, pupa, imago; host plants; behavior; ecology]
- 1974d. On the biology of *Hamadryas februa* (Lepidoptera: Nymphalidae) in Guanacaste, Costa Rica. *Zeitschrift für angewandte Entomologie* 76(4): 380-393, 3 figs. (October) [egg, larva, pupa, imago; host plant; behavior; ecology]
- 1974e. Some differences between temperate and tropical populations of monarch (*Danaus plexippus*) and queen (*Danaus gilippus*) butterflies (Lepidoptera: Danaidae). *Entomological News* 85(4): 116-126, 6 tabs. (21 December) [ecology; Costa Rica]
- 1974f. A natural historical account of *Oleria zelica pagasa* (Lepidoptera: Nymphalidae: Ithomiinae) in a Costa Rican mountain rainforest. *Studies on neotropical Fauna* 9(2): 123-139, 4 figs., 2 tabs. (December) [egg, larva, pupa, imago; host plant; behavior; ecology]
- 1975a. Notes on the natural history of a rare *Adelpha* butterfly (Lepidoptera: Nymphalidae) in Costa Rican high country. *Journal of the New York entomological Society* 82(4): 235-244, 3 figs. (24 February) [*A. leucophthalma tegeata*; egg, larva, pupa, imago; host plant; behavior]
- 1975b. Observations on the life cycle of *Heliconius hecale zuleika* (Hewitson) in Costa Rica (Lepidoptera: Nymphalidae). *Pan-Pacific Entomologist* 51(1): 76-85, 4 figs. (12 June) [egg, larva, pupa, imago; host plant; behavior; ecology]
- 1975c. On the biology of *Godyris zavaleta caesiopicta* (Lepidoptera: Nymphalidae: Ithomiinae). *Entomological News* 85(7/8): 227-238, 3 figs. (13 June) [egg, larva, pupa; behavior; ecology; Costa Rica]
- 1975d. Feeding behavior of *Morpho* butterflies (Lepidoptera: Nymphalidae: Morphinae) in a seasonal tropical environment. *Revista de Biología tropical* (San José) 23(1): 101-123, 5 figs., 1 tab. (July) [Costa Rica]
- 1975e. Leakage of *Morpho theseus* (Lepidoptera: Nymphalidae) into Northeastern lowland Costa Rica? *Brenesia* (San José) 6: 59-67, 2 figs. (November) [ecology]
- 1976a. See Cook, L. M. et al., 1976.
- 1976b. Notes on the life cycle of the butterfly *Hypanartia kefersteini* (Nymphalidae: Nymphalinae; Nymphalini) in Costa Rica. *Brenesia* (San José) 9: 61-69, 2 figs. (November) [general; host plant; egg, larva, pupa, imago; behavior; ecology]
- 1977a. Studies on the biology of *Heliconius charitonius* L. in Costa Rica. *Pan-Pacific Entomologist* 52(4): 291-303, 4 figs. (24 March) [egg, larva, pupa, imago; host plants; behavior; ecology; predators]
- 1977b. Studies on the biology of *Parides iphidamas* (Papilioninae: Troidini) in Costa Rica. *Journal of the Lepidopterists' Society* 31(2): 100-108, 3 figs. (30 June) [egg, larva, pupa, imago; host plant; behavior; ecology]
- 1977c. Notes on the biology of *Hypothyris euclea* in Costa Rica. *Pan-Pacific Entomologist* 53(2): 104-113, 6 figs. ("April", [15 August]) [egg, larva, pupa, imago; host plant; behavior]
- 1977d. Butterflies associated with an army ant swarm raid in Honduras: the "feeding hypothesis" as an alternate explanation. *Journal of the Lepidopterists' Society* 31(3): 190 (16 September) [*Mechanitis isthmia* Bates, *Graphium philolaus* (Boisduval); behavior]
- 1977e. Notes on the defoliation of coconut palm (*Cocos nucifera*) by the butterfly *Opsiphanes quiteria quirinus* in Northeastern Costa Rica. *Deutsche entomologische Zeitschrift* 24(4/5): 353-365, pls. 24-30, 4 figs., 4 tabs. (15 December)
- 1978a. The biology of the butterfly *Aeria eurimedeia agna* (Nymphalidae: Ithomiinae: Oleriini) in Costa Rica. *Journal of the Kansas entomological Society* 51(1): 1-10, 3 figs. (26 January) [egg, larva, pupa, imago; host plant; ecology]
- 1978b. Possible evolution of mutualism between *Mechanitis* caterpillars and an ant in Northeastern Costa Rica. *Biotropica* 10(1): 77-78 (March) [M. isthmia Bates]
- 1978c. "Disappearances" of eggs and larvae of *Heliconius* butterflies (Nymphalidae: Heliconiinae) in Northeastern Costa Rica. *Entomological News* 89(3/4): 81-87, 3 figs., 1 tab. ("March-April", [24 May]) [*H. cydno* (Doubleday), *H. hecale* (Fabricius); host plants]
- 1978d. Spatial properties of niche separation among *Eueides* and *Dryas* butterflies (Lepidoptera: Nymphalidae: Heliconiinae) in Costa Rica. *Journal of the New York*

- entomological Society* 86(1): 2-19, 12 figs., 1 tab. (14 July) [general; host plants]
- 1978e. Studies on the interactions of *Morpho peleides* (Morphidae) with Leguminosae. *Journal of the Lepidopterists' Society* 32(2): 65-74, 3 figs., 1 tab. (19 July) [host plants; Costa Rica]
- 1978f. A communal roost of [the] butterfly *Heliconius charitonius* L. in Costa Rican premontane tropical wet forest (Lepidoptera: Nymphalidae). *Entomological News* 89(9/10): 235-243, 2 figs., 3 tabs. (30 November) [behavior; ecology]
- 1978g. Notes on the biology of the butterfly *Hypoleria cassotis* (Bates) (Nymphalidae: Ithomiinae) in Northeastern Costa Rica. *Brenesia* (San José) 14/15: 97-108, 4 figs. [egg, larva, pupa, imago; host plant; behavior; ecology]
- 1979a. The evolution of eyespots in tropical butterflies in response to feeding on rotting fruit: an hypothesis. *Journal of the New York entomological Society* 87(1): 66-77, 1 fig. (26 April) [general]
- 1979b. Oviposition of the butterfly *Battus belus varus* (Papilionidae). *Journal of the Lepidopterists' Society* 33(1): 56-57, 1 fig. (4 June) [host plant; Costa Rica]
- 1979c. Aggregative behavior of *Anartia fatima* (Nymphalidae) in Guanacaste Province, Costa Rica during the dry season. *Journal of the Lepidopterists' Society* 33(1): 58-60 (4 June)
- 1979d. Weather and the regulation of *Hypothyris euclea* (Nymphalidae): populations in Northeastern Costa Rica. *Journal of the Lepidopterists' Society* 33(1): 68-69, 1 fig. (4 June)
- 1979e. *Historis odius* (Nymphalidae) sucking on cocoa seeds (Sterculiaceae) in Northeastern Costa Rica. *Journal of the Lepidopterists' Society* 33(3): 201-203, 1 fig. (29 October)
- 1980a. The interaction of predators and "eyespot butterflies" feeding on rotting fruits and soupy fungi in tropical forests: variations on a theme developed by the Muyschondts and Arthur M. Shapiro. *Entomologist's Record and Journal of Variation* 92(3): 63-69 (1 March) [general]
- 1980b. Notes on the behavioral ecology of *Perrhybris lypera* (Pieridae) in Northeastern Costa Rica. *Journal of the Lepidopterists' Society* 34(1): 36-47, 3 figs. (22 May) [life history; host plants]
- 1980c. Oviposition by *Heliconius hecale* (Nymphalidae) on a grass inflorescence in Costa Rica. *Journal of the Lepidopterists' Society* 34(1): 66-68, 1 fig. (22 May)
- 1980d. Evolutionary responses by butterflies to patchy spatial distributions of resources in tropical environments. *Acta biotheoretica* 29(1): 37-64. [general]
- 1980e. Butterfly farming in the tropics: some questionable practices. *Terra* 18(4): 17-21, figs. [general]
- 1981a. On the evolutionary distance between asclepiada-ceous-feeding danaida [sic] and apocynaceous-feeding ithomiids. *Journal of Research on the Lepidoptera* 18(4): 251-254, 1 fig. (24 April) [*Danaus plexippus* (Linnaeus), *Tithorea pinthias* Godman & Salvin; host plants; Costa Rica]
- 1981b. Over-exploitation of larval host plants by the butterflies *Heliconius cydno* and *Heliconius sapho* (Lepidoptera: Nymphalidae: Heliconiini) in Costa Rica? *Journal of the New York entomological Society* 88(3): 217-227, 4 figs. ("September 1980", 21 May 1981) [life histories]
- 1981c. Responses by butterflies to seasonal conditions in lowland Guanacaste Province, Costa Rica. *Journal of the Lepidopterists' Society* 35(2): 155-157 (14 December) [general]
- 1981d. Notes on the seasonal distribution of *Anaea* butterflies (Nymphalidae) in tropical dry forests. *Acta oecologica/Oecologia generalis* 2(1): 17-30, 5 figs., 1 tab. [*A. morvus* Boisduval, *A. itys* (Cramer); Costa Rica]
- 1982a. Notes on the natural history of *Morpho granadensis polybaptus* Butler (Lepidoptera: Nymphalidae: Morphinae), and its relation to that of *Morpho peleides limpida* Butler. *Journal of the New York entomological Society* 90(1): 35-54, 8 figs., 2 tabs. (9 March) [Costa Rica]
- 1982b. Notes on the interaction of the skipper butterfly *Calpodus ethlius* (Lepidoptera: Hesperidae) with its larval host plant *Canna edulis* (Cannaceae) in Mazatlan, State of Sinaloa, Mexico. *Journal of the New York entomological Society* 90(2): 99-114, 8 figs. (7 June)
- 1982c. Errata: Over-exploitation of larval host plants by *Heliconius* butterflies. *Journal of the New York entomological Society* 90(2): 117-118 (7 June) [Costa Rica]
- 1982d. *Perrhybris lypera* (Pieridae) feeding on Lauraceae: A response to DeVries. *Journal of the Lepidopterists' Society* 36(3): 230-232, 1 fig. (14 December) [Costa Rica]
- 1982e. An evolutionary-ecological model of the evolution of migratory behavior in the monarch butterfly, and its absence in the queen butterfly. *Acta biotheoretica* 31(4): 219-237. [*Danaus plexippus* (Linnaeus), *D. gilippus* (Cramer); Mexico]
- 1982f. *Population biology of tropical insects*. New York and London, Plenum Press. xiii + 511 pp., figs., tabs. [general]
- 1983a. Natural history of *Hypna clytemnestra* Cr. (Nymphalidae) in Costa Rica. *Journal of the Lepidopterists' Society* 36(4): 310-314, 4 figs. (18 March) [host plant; life history]
- 1983b. On the evolution of egg placement and gregariousness of caterpillars in the Lepidoptera. *Acta biotheoretica* 32(1): 43-60, 1 tab. [general]
- 1983c. Central America's fragile tropical rain forest. *The Explorer* 25(2): 8-14, figs. [general]
- [1983]d. *Field guide to the natural history of Costa Rica*. San José, Trejos Hermanos. 108 pp., figs. [general]
- 1984a. Los insectos de los bosques tropicales de América. *GeoMundo* 8(1): 22-33, figs. (January) [general]
- 1984b. Egg placement by *Phoebis* (Pieridae) on *Cassia* (Leguminosae) "anticipates" the tropical rainy season. *Journal of the Lepidopterists' Society* 37(4): 313-317, 2 figs. (8 May) [Costa Rica]
- 1984c. Ithomiine butterflies associated with non-antbird droppings in Costa Rican tropical rain forest. *Journal of the Lepidopterists' Society* 38(1): 61-63, 1 fig. (27 July) [general]
- 1984d. Two large collections of Macrolepidoptera to the Milwaukee Public Museum. *Journal of the Lepidopterists' Society* 38(1): 65-66 (27 July) [Neotropics]
- 1984e. Natural history notes for *Taygetis andromeda* (Cramer) (Satyridae) in Eastern Costa Rica. *Journal of the Lepidopterists' Society* 38(2): 102-113, 7 figs. (16 August) [egg, larva, pupa, imago; host plant]
- 1984f. Communal roost fidelity in *Heliconius charitonia*: comments on a paper by Drs. D. A. Waller and L. E. Gilbert. *Journal of the Lepidopterists' Society* 38(2): 141-142 (16 August) [Costa Rica]
- 1984g. *Costa Rica: Nature, prosperity, and peace on the rich coast*. Milwaukee, Interamerican Research Corporation. vi + 66 pp., figs., maps. [general; ecology]

1985. Notes on the natural history of *Papilio victorinus* Doubl. (Papilionidae) in Northeastern Costa Rica. *Journal of the Lepidopterists' Society* 38(3): 237-242, 3 figs. (24 April) [life history; host plant]
- 1986a. *Tigridia asesta* [sic] (Linnaeus) (Nymphalidae) is not associated with *Theobroma cacao* L. (Sterculiaceae). *Journal of the Lepidopterists' Society* 39(2): 146-150, 1 fig. (7 January) [life history; host plant; Costa Rica]
- 1986b. Erratum. *Journal of the Lepidopterists' Society* 39(2): 150 (7 January) [*Papilio victorinus* Doubleday; Costa Rica]
- 1986c. Natural history notes on *Astrartes* and *Urbanus* (Hesperiidae) in Costa Rica. *Journal of the Lepidopterists' Society* 39(3): 215-223, 6 figs. (13 May) [life histories; host plants]
- 1986d. Interactions of parasitoids with an *Opsiphanes* (Brassolidae) caterpillar in Costa Rica. *Journal of the Lepidopterists' Society* 39(3): 225-228, 1 fig. (13 May) [ecology; behavior]
- 1986e. Natural history notes on *Brassolis isthmia* Bates (Lepidoptera: Nymphalidae: Brassolinae) in Northeastern Costa Rica. *Journal of Research on the Lepidoptera* 24(4): 385-392, 4 figs. (15 May)
1987. Oviposition by *Parides arcas mylotus* (Bates) (Papilionidae) on a grass leaf-blade. *Journal of the Lepidopterists' Society* 41(2): 117-118, 1 fig. (26 June) [Costa Rica]
1991. *Sarapiquí Chronicle. A naturalist in Costa Rica*. Washington, D.C., Smithsonian Institution Press. xviii + 361 pp., figs., 1 map [general; life histories; host plants; ecology]
1992. Notes on the natural history of *Quadrus (Pythonides) contubernalis* (Hesperiidae) in Costa Rica. *Journal of the Lepidopterists' Society* 45(4): 366-371, 3 figs., 1 tab. (19 May) [larva, pupa, imago; host plant; parasitoid; behavior]
- 1994a. Notes on the natural history of *Achlyodes selva* (Hesperiidae) in Costa Rica. *Journal of the Lepidopterists' Society* 47(4): 323-327, 1 fig., 1 tab. (7 January) [larva, pupa; host plant; ecology; behavior]
- 1994b. *The chocolate tree. A natural history of cacao*. Washington, D.C., Smithsonian Institution Press. xv + 200 pp., 8 pls., figs. [general; Costa Rica]
- Young, Allen Marcus, Murray Sheldon Blum, Henry Marshall Fales and Z. Bian**
1986. Natural history and ecological chemistry of the Neotropical butterfly *Papilio anchisiades* (Papilionidae). *Journal of the Lepidopterists' Society* 40(1): 36-53, 7 figs. (9 October) [behavior; Costa Rica]
- Young, Allen Marcus, and Susan Sullivan Borkin**
1986. Natural history notes for some *Hamadryas* butterflies (Nymphalidae: Nymphalinae; Aegeronini [sic]) in Northwestern Costa Rica during the tropical dry season. *Journal of the Lepidopterists' Society* 39(3): 229-235, 1 fig., 2 tabs. (13 May) [general]
- Young, Allen Marcus, and Mary Ellen Carolan**
1976. Daily instability of communal roosting in the Neotropical butterfly *Heliconius charitonius* (Lepidoptera: Nymphalidae: Heliconiinae). *Journal of the Kansas entomological Society* 49(3): 346-359, 5 figs., 6 tabs. (26 July) [behavior; Costa Rica]
- Young, Allen Marcus, and Mark W. Moffett**
- 1979a. Studies on the population biology of the tropical butterfly *Mechanitis isthmia* in Costa Rica. *American Midland Naturalist* 101(2): 309-319, 4 figs., 1 tab. (April)
- 1979b. Behavioral regulatory mechanisms in populations of the butterfly *Mechanitis isthmia* in Costa Rica: Adaptations to host plants in secondary and agricultural habitats (Lepidoptera: Nymphalidae: Ithomiinae). *Deutsche entomologische Zeitschrift* (N.F.) 26(1/3): 21-38, 8 pls., 10 figs. (16 June)
- Young, Allen Marcus, and Alberto Muysshondt**
- 1972a. Biology of *Morpho polyphemus* (Lepidoptera: Morphidae) in El Salvador. *Journal of the New York entomological Society* 80(1): 18-42, 4 figs., 1 tab. (13 July) [egg, larva, pupa, imago; behavior; host plants; parasitoids; population dynamics]
- 1972b. Geographical and ecological expansion in tropical butterflies of the genus *Morpho* in evolutionary time. *Revista de Biología tropical* (San José) 20(2): 231-263, 1 fig., 3 tabs. (December) [general; morphology; behavior; ecology; biogeography; Neotropics]
- 1973a. Notes on the biology of *Morpho peleides* in Central America. *Caribbean Journal of Science* 13(1/2): 1-49, 14 figs., 2 tabs. (June) [eggs, larvae, pupae, imagines; host plants; behavior; ecology; parasitoids and diseases, El Salvador, Costa Rica]
- 1973b. Ecological studies of the butterfly *Victorina stelenes* (Lepidoptera: Nymphalidae) in Costa Rica and El Salvador. *Studies on neotropical Fauna* 8(2): 155-176, 5 figs., 2 tabs. (December) [egg, larva, pupa, imago; host plants; behavior]
1975. Studies on the natural history in the family cluster Satyridae-Brassolidae-Morphidae (Lepidoptera: Nymphaloidea) III. *Opsiphanes tamarindi* and *Opsiphanes cassina* in Costa Rica and El Salvador. *Studies on neotropical Fauna* 10(1): 19-55, 11 figs., 1 tab. (June) [eggs, larvae, pupae, imagines; host plants; parasitoids; behavior; ecology]
1985. Notes on *Caligo memnon* Felder and *Caligo atreus* Kollar (Lepidoptera: Nymphalidae: Brassolinae) in Costa Rica and El Salvador. *Journal of Research on the Lepidoptera* 24(2): 154-175, 11 figs., 1 tab. (15 October) [life histories; host plants; behavior]
- Young, Allen Marcus, and Daniel Stein**
1976. Studies on the evolutionary biology of the Neotropical nymphalid butterfly *Anartia fatima* in Costa Rica. *Contributions in Biology and Geology. Milwaukee public Museum* 8: 1-35, 1 pl., 9 figs., 7 tabs. (29 March) [general; egg, larva, pupa, imago; host plants; behavior; ecology]
- Young, Allen Marcus, and John H. Thomason**
1974. The demography of a confined population of the butterfly *Morpho peleides* during a tropical dry season. *Studies on neotropical Fauna* 9(1): 1-34, 12 figs., 8 tabs. (August) [behavior; evolution; Costa Rica]
1975. Notes on communal roosting of *Heliconius charitonius* (Nymphalidae) in Costa Rica. *Journal of the Lepidopterists' Society* 29(4): 243-255, 3 figs., 3 tabs. (24 November)
- Young, James J.**
2003. Go butterfly-watching in Belize. *Futao* 44: 21-23, 16 figs. (30 June) [general]
2005. A brief note on the life history of *Evenus regalis* Cramer 1775 (Lepidoptera, Lycaenidae) in Belize, Central America. *Futao* 49: 12-17, pls. 2-3, 1 tab. (30 March) [egg, larva, pupa; host plant; behavior]
- Young, John Lum**
2002. Field trip report. Cumaca Cave – November 25, 2001. *The Field Naturalist. Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2002(1/2): 8-11, 1 fig. (June) [general; Trinidad]
2005. Field trip report. Guayaguayare - October 31, 2004.

*The Field Naturalist. Quarterly Bulletin of the Trinidad and Tobago Field Naturalists' Club* 2005(1): 16-17 (March) [general; Trinidad]

**Young, Laura G.**

- 2006a. See Kronforst, M. R. et al., 2006a.
- 2006b. See Kronforst, M. R. et al., 2006b.
- 2007. See Kronforst, M. R. et al., 2007b.

**Young-Isebrand, Elisabeth, Karen Suzanne Oberhauser, Kim Bailey, Sonya Charest, Brian Hayes, Elizabeth Howard, Jim Lovett, Susan Meyers, Erik Mollenhauer, Eneida B. Montesinos, Ann Ryan, Orley Robert Taylor, Jr. and Rocío Treviño**

- 2015. *Environmental education and monarchs. Reaching across disciplines, generations, and nations*, pp. 5-12, 1 tab. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Mexico]

**Yu, Jin-Yong**

- 2004. See Liu, X.-L. et al., 2004.

**Yu, Quan-You**

- 2015. See Merrill, R. M. et al., 2015.

**Yu, Quan-You, Shou-Min Fang, Ze Zhang and Christopher David Jiggins**

- 2016. The transcriptome response of *Heliconius melpomene* larvae to a novel host plant. *Molecular Ecology* 25(19): 4850-4865, 7 figs., 1 tab. (October; published online 22 September) [Costa Rica]

**Yuan, Furong**

- 2010a. See Briscoe, A. D. et al., 2010a.
- 2010b. See Briscoe, A. D. et al., 2010b.
- 2012a. See Bybee, S. M. et al., 2012.
- 2012b. See Dasmahapatra, K. K. et al., 2012.
- 2013. See Briscoe, A. D. et al., 2013.
- 2017. See McCulloch, K. J. et al., 2017.

**Yuan, Furong, Gary Dale Bernard, Jennifer Le and Adriana Darielle Briscoe**

- 2010. Contrasting modes of evolution of the visual pigments in *Heliconius* butterflies. *Molecular Biology and Evolution* 27(10): 2392-2405, 4 figs., 2 tabs. (1 October; published online 17 May) [general; Neotropics]

**Yudasaka, Masako**

- 2013. See Miyako, E. et al., 2013.

**Yukich, Bob**

- 2004. Miami blues in Cuba. *American Butterflies* 12(2): 38-39, 2 figs. [*Hemiargus ammon bethunebakeri* Comstock & Huntington]

**Yust, Harold Robert** [1906-1997]

- 1958. *Insect identifications made in Ecuador and key to collection*. Quito, University of Quito, Servicio Cooperativo Interamericano de Agricultura. [85] pp. [*Caligo* sp., *Opsiphanes tamarindi* Felder & Felder, *Caerois gerdrudtus* (Fabricius); host plants]

**Yust, Harold Robert, and Miguel A. Cevallos**

- 1955. Lista preliminar de plagas de la agricultura del Ecuador. *Revista ecuatoriana de Entomología y Parasitología* 2(3/4): 425-442 (after April) [*Pieris rapae* (Linnaeus) (sic!); host plant]

**Yuste, Francisco, Héctor Pérez and Fernando Walls**

- 1972. Compounds of papilionid caterpillars (*Baronia brevicornis* S.). *Experientia* 28(10): 1149-1150 (15 October) [biochemistry; Mexico]

# Z

- Zabala, Juan Marcelo, Lorena del Rosario Marinoni, Gustavo Ribero, Rodrigo Sebastián Sánchez and Eleodoro Del Valle**
2016. Evaluación agronómica de materiales genéticos de *Melilotus albus* Desr. con diferente contenido de cumarina y su efecto sobre la alimentación de *Colias lesbia* (Lepidoptera: Pieridae). *Revista FAVE – Ciencias agrarias* 15(1): 105-118, 6 figs. (July) [also seen with the title "Efecto del contenido de cumarina en *Melilotus albus* Desr. sobre el comportamiento agronómico y la alimentación de *Colias lesbia* (Lepidoptera: Pieridae)"] [host plants; Argentina]
- Zabala, Nelson A.**  
[1992]. See Jaffé, K. et al., [1992].
- Zabka, Helge, and Günter Tembrock**
1986. Mimicry and crypsis - A behavioural approach to classification. *Behavioural Processes* 13(1/2): 159-176, 3 figs., 3 tabs. (June) [general]
- Zacca, Thamara**
2009. Espécies de borboletas (Lepidoptera: Papilionoidea e Hesperioidea) da coleção entomológica Prof. Johann Becker do Museu de Zoologia da Universidade Estadual de Feira de Santana, Bahia, Brasil. *Sitientibus* (Ciências Biológicas) 9(2/3): 165-173 (September) [general]
2013. See Siewert, R. R. et al., 2013.
- 2014a. See Kerpel, S. M. et al., 2014a.
- 2014b. See Lima, J. N. R. & T. Zacca, 2014.
- 2014c. See Cerdeña, J. A. et al., 2014.
- 2015a. See Freitas, A. V. L. et al., 2015b.
- 2015b. See Paluch, M. et al., 2015.
- 2015c. See Neild, A. F. E. et al., 2015.
- 2016a. See Siewert, R. R. et al., 2016b.
- 2016b. See Kerpel, S. M. & T. Zacca, 2016.
- 2018a. See Nakahara et al., 2018a.
- 2018b. See Freitas, A. V. L. et al., 2018b.
- 2018c. See Benmesbah, M. et al., 2018.
- 2018d. See Nakahara et al., 2018b.
- 2019a. See Espeland, M. et al., 2019.
- 2019b. See Marín, M. A. et al., 2019.
- 2019c. See Freitas, A. V. L. et al., 2019d.
- 2019d. See Nakahara, S. et al., 2019b.
- Zacca, Thamara, and Freddy Bravo**
2012. Borboletas (Lepidoptera: Papilionoidea e Hesperioidea) da porção norte da Chapada Diamantina, Bahia, Brasil. *Biota neotropica* 12(2): 117-126, 1 fig., 3 tabs. (2 April) [general]
- Zacca, Thamara, Freddy Bravo and Máira Xavier Araújo**
2011. Butterflies (Lepidoptera: Papilionoidea and Hesperioidea) from Serra da Jibóia, Bahia State, Brazil. *EntomoBrasilis* 4(3): 139-143, 1 tab. (December) [general]
- Zacca, Thamara, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke, Blanca Cecilia Huertas, Eduardo de Proença Barbosa, André Victor Lucci Freitas, Luiza de Moraes Magaldi, Marianne Espeland, Shinichi Nakahara and Keith Richard Willmott**
2018. Systematics of the butterfly genus *Cissia* Doubleday, 1848 (Lepidoptera: Nymphalidae: Satyrinae) using an integrative approach. *Arthropod Systematics & Phylogeny* 76(2): 349-376, 13 figs., 3 tabs. (18 July; published online 29 June) [general; Central and South America]
- Zacca, Thamara, Mirna Martins Casagrande, Olaf Hermann Hendrik Mielke, Blanca Cecilia Huertas, Andrew Frederic Edwyn Neild and Mohamed Benmesbah**
- 2017a. Description of a new species of Euptychiina (Lepidoptera: Nymphalidae: Satyrinae) from South America. *Zootaxa* 4231(3): 442-450, 19 figs. (13 February) [*Magneuptychia andrei*; Venezuela, Trinidad, Guyana, French Guiana, Brazil]
- Zacca, Thamara, Olaf Hermann Hendrik Mielke, Tomasz Wilhelm Pyrcz, Mirna Martins Casagrande, André Victor Lucci Freitas and Pierre Boyer**
2013. *Stegosatyrus*, a new genus of Euptychiina from the grasslands of neotropical realm. *Zootaxa* 3682(2): 331-350, 84 figs. (27 June) [new species: *S. hemiclara*; host plants; South America]
- Zacca, Thamara, Olaf Hermann Hendrik Mielke, Tomasz Wilhelm Pyrcz, Fernando Maia Silva Dias, Mirna Martins Casagrande and Pierre Boyer**
- 2017c. Systematics of the Neotropical genus *Pampasatyrus* Hayward, 1953 (Lepidoptera: Satyrinae: Pronophilina), with description of three new taxa. *Insect Systematics & Evolution* 48(3): 201-255, 78 figs., 1 tab. (22 June; published online 19 December 2016) [new subspecies: *P. gyrtone biezankoi*, *P. reticulata gagarini*, *P. glaucope eberti*; South America]
- Zacca, Thamara, Márton Paluch, Ricardo Russo Siewert, André Victor Lucci Freitas, Eduardo de Proença Barbosa, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
- 2017b. Revision of *Godartiana* Forster (Lepidoptera: Nymphalidae), with the description of a new species from northeastern Brazil. *Austral Entomology* 56(2): 169-190, 72 figs., 1 tab. (18 May; published online 1 August 2016) [*G. amadoi* (unavailable name); egg, larva, pupa; host plants; behavior; Paraguay, Argentina]
- 2017d. Corrigendum. *Austral Entomology* 56(3): 349 (August; published online 16 August) [new species: *Godartiana amadoi*; Brazil]
- Zacca, Thamara, Ricardo Russo Siewert, Mirna Martins Casagrande and Olaf Hermann Hendrik Mielke**
2016. Taxonomic revision of the "*Pierella lamia* species group" (Lepidoptera: Nymphalidae: Satyrinae) with descriptions of four new species from Brazil. *Zootaxa* 4078(1): 366-386, 62 figs. (9 February) [*P. angeloi*, *P. kesselringi*, *P. nice*, *P. keithbrowni*]
- Zacca, Thamara, Ricardo Russo Siewert, Olaf Hermann Hendrik Mielke and Mirna Martins Casagrande**
2014. A new species of *Magneuptychia* Forster, 1964 (Lepidoptera: Nymphalidae: Satyrinae) from Brazilian savanna. *Zootaxa* 3795(1): 71-78, 35 figs. (9 May) [*M. flavofascia*]
- Zaccardi, Guillermo, Almut Kelber, Marilou P. Sison-Mangus and Adriana Darielle Briscoe**
2006. Color discrimination in the red range with only one long-wavelength sensitive opsin. *Journal of experimental Biology* 209(10): 1944-1955, 6 figs. (15 May; published online 1 May) [*Heliconius*]
- Zachariades, Costas, Michael D. Day, Rangaswamy**



- Muniappan and Gadi Venkata Prasad Reddy**  
2009. *Chromolaena odorata* (L.) King and Robinson (Asteraceae), pp. 130-162, 2 figs. In: Muniappan, R., G. V. P. Reddy & A. Raman (Eds.), *Biological control of tropical weeds using arthropods*. Cambridge, Cambridge University Press. [Actinote; host plants; Neotropics]
- Zachariades, Costas, Lorraine W. Strathie and Robert L. Kluge**  
2002. *Biology, host specificity and effectiveness of insects for the biocontrol of Chromolaena odorata in South Africa*, pp. 160-166, 4 tabs. In: Zachariades, C., R. Muniappan & L. W. Strathie (Eds.), *Proceedings of the Fifth International Workshop on Biological Control and Management of Chromolaena odorata*. Durban, Agricultural Research Council, Plant Protection Research Institute. [Actinote *thalia pyrrrha* (Fabricius); host plants; Brazil]
- Zaché, Bruno, Ronelza Rodrigues da Costa Zaché, Everton Pires Soliman and Carlos Frederico Wilcken**  
2011. Evaluation of *Trichospilus diatraeae* (Hymenoptera: Eulophidae) as parasitoid of the eucalyptus defoliator *Euselasia eucerus* (Lepidoptera: Riodinidae). *International Journal of tropical Insect Science* 31(1/2): 118-121, 1 fig. (June) [host plant; parasitoid; Brazil]
- Zaché, Bruno, Ronelza Rodrigues da Costa Zaché, José Cola Zanuncio and Carlos Frederico Wilcken**  
2013. *Palmistichus elaeisis* (Hymenoptera: Eulophidae) parasitizing pupae of *Hypsipyla grandella* (Lepidoptera: Pyralidae). *Florida Entomologist* 96(3): 1207-1208, 1 fig. (September) [*Euselasia eucerus* (Hewitson); Brazil]  
2011. See Zaché, B. et al., 2011.
- Zaché, Ronelza Rodrigues da Costa**  
2013. See Zaché, B. et al., 2013.
- Zagatti, Pierre**  
1985. Les phéromones aphrodisiaques dans le comportement sexuel des lépidoptères. *Bulletin de la Société entomologique de France* 90(5/8): 1256-1266, 6 figs. ([30 December]) [*Opsiphanes invirae* (Hübner)]
- Zago, Rosana Claudia**  
2011. See Santana, A. F. K. et al., 2011.
- Zago, Rosana Claudia, and Fernando Sérgio Zucoloto**  
2004. Cannibalism studies on eggs and newly hatched caterpillars in a wild population of *Ascia monuste* (Godart) (Lepidoptera, Pieridae). *Revista brasileira de Entomologia* 48(3): 415-420, 3 tabs. (30 September) [host plant; behavior; Brazil]
- Zagrobelny, Mika**  
2018. See Castro, E. C. P. de et al., 2018.  
2019. See Castro, E. C. P. de et al., 2019.
- Zagrobelny, Mika, Érika Cristina Pinheiro de Castro, Birger Lindberg Møller and Søren Bak**  
2018. Cyanogenesis in arthropods: From chemical warfare to nuptial gifts. *Insects* (Basel) 9(2)(51): 1-39, 17 figs., 2 tabs. (June; published online 3 May) [general]
- Zagrobelny, Mika, Mikael Kryger Jensen, Heiko Vogel, René Feyereisen and Søren Bak**  
2018. Evolution of the biosynthetic pathway for cyanogenic glucosides in Lepidoptera. *Journal of molecular Evolution* 86(6): 379-394, 6 figs., 2 tabs. (July; published online 4 July) [general]
- Zaha, Arnaldo**  
1993. See Haag, K. L. et al., 1993.
- Zahiri, Reza**  
2011. See Nieukerken, E. J. van et al., 2011.
- Zahl, Paul Arthur** [1910-1985]  
1959. Giant insects of the Amazon. *National geographic Magazine* 115(5): 632-669, figs. (May) [Morpho]  
1963. Mystery of the monarch butterfly. *National geographic* 123(4): 588-598, figs. (April) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Zakharov, Evgueni Valentinovich** [1974- ]  
2005. See Wahlberg, N. et al., 2005a.  
2007. See Nazari, V. et al., 2007.  
2011a. See Simonsen, T. J. et al., 2011.  
2011b. See Sourakov, A. & E. V. Zakharov, 2011.
- Zakharov, Evgueni Valentinovich, Michael S. Caterino and Felix A. H. Sperling**  
2004a. Molecular phylogeny, historical biogeography, and divergence time estimates for swallowtail butterflies of the genus *Papilio* (Lepidoptera: Papilionidae). *Systematic Biology* 53(2): 193-215, 7 figs., 5 tabs. (April) [general; Neotropics]
- Zakharov, Evgueni Valentinovich, and Jessica J. Hellmann**  
2008. Genetic differentiation across a latitudinal gradient in two co-occurring butterfly species: revealing population differences in a context of climate change. *Molecular Ecology* 17(1): 189-208, 3 figs., 5 tabs. (January) [*Erynnis propertius* (Scudder & Burgess), *Papilio zelicaon* Lucas; Mexico]
- Zakharov, Evgueni Valentinovich, Campbell Robert Smith, David C. Lees, Alison Cameron, Richard Irwin Vane-Wright and Felix A. H. Sperling**  
2004b. Independent gene phylogenies and morphology demonstrate a Malagasy origin for a wide-ranging group of swallowtail butterflies. *Evolution* 58(12): 2763-2782, 7 figs., 3 tabs. (30 December) [general; Papilionidae; biogeography; evolution]
- Zalubovsky, Sergey** – See Zalyubovskiy, Sergiy
- Zalucki, Jacinta M.**  
2018. See Stenoien, C. M. et al., 2018.
- Zalucki, Myron Phillip**  
1989. See Calvert, W. H. et al., 1989.  
1993a. See Malcolm, S. B. & M. P. Zalucki, 1993a.  
1993b. See Malcolm, S. B. & M. P. Zalucki, 1993b.  
1995. See Brower, L. P. et al., 1995.  
2002. See Shephard, J. M. et al., 2002.  
2005a. See Lushai, G. et al., 2005.  
2005b. See Dingle, H. et al., 2005.  
2014a. See Zhan, S. et al., 2014.  
2014b. See Pierce, A. A. et al., 2014.  
2017a. See Pleasants, J. M. et al., 2017.  
2017b. See Marini, L. & M. P. Zalucki, 2017.  
2018. See Stenoien, C. M. et al., 2018.
- Zalucki, Myron Phillip, Lincoln Pierson Brower, Stephen Baillie Malcolm and Benjamin H. Slager**  
2015. *Estimating the climate signal in monarch population decline. No direct evidence for an impact of climate change?*, pp. 130-141, 7 figs., 1 tab. In: Oberhauser, K. S., K. R. Nail & S. M. Altizer (Eds.), *Monarchs in a changing world. Biology and conservation of an iconic butterfly*. Ithaca, Cornell University Press. [*Danaus plexippus* (Linnaeus); Mexico]
- Zalucki, Myron Phillip, and Anthony R. Clarke**  
2004. Monarchs across the Pacific: The Columbus hypothesis revisited. *Biological Journal of the Linnean Society* 82(1): 111-121, 2 figs. (May) [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Zalucki, Myron Phillip, Anthony R. Clarke and Stephen Baillie Malcolm**  
2002. Ecology and behavior of first instar larval Lepidoptera. *Annual Review of Entomology* 47: 361-393, 4 figs., 1

tab. (January) [general; host plants]

- Zalucki, Myron Phillip, and Wayne A. Rochester**  
1999. *Estimating the effect of climate on the distribution and abundance of Danaus plexippus: A tale of two continents*, pp. 151-163, 6 figs., 1 tab. In: Hoth, J., L. Merino, K. S. Oberhauser, I. Pisanty, S. Price & T. Wilkinson (Eds.), *1997 North American Conference on the Monarch Butterfly*. Montréal, Commission for Environmental Cooperation. [conservation; Neotropics]
2004. *Spatial and temporal population dynamics of monarchs down-under: Lessons for North America*, pp. 219-228, 8 figs. In: Oberhauser, K. S. & M. J. Solensky (Eds.), *The Monarch Butterfly. Biology and Conservation*. Ithaca, Comstock Publishing Associates. [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Zalyubovskiy, Sergiy**  
2012. See Pris, A. D. et al., 2012.  
2013. See Potyrailo, R. A. et al., 2013.
- Zambrano, Giselle**  
2011a. See Bolaños, I. A. et al., 2011.  
2011b. See Bolaños, I. A. & G. Zambrano, 2011.
- Zambrano, Giselle, and Guido Fernando Ortiz**  
2009. Diversidad de lepidópteros diurnos en tres localidades del Corredor Biológico y Multicultural Munchique-Pinche, Cauca, Colombia. *Boletín científico. Museo de Historia natural. Universidad de Caldas* 13(1): 214-224, 5 figs., 2 tabs. (after 10 July) [general]
- Zamith, Adiel Paes Leme** [1917-1989]  
1944. See Piza, S. de T., Jr. & A. P. L. Zamith, 1944.  
1947. *Brassolídeos do Laboratório de Zoologia*. Piracicaba, Escola Superior de Agricultura "Luiz de Queiroz". i + 77 pp., 19 pls. [general; Brazil]  
1954a. See Mariconi, F. de A. M. & A. P. L. Zamith, 1954.  
1954b. Biología de *Brassolis sophorae sophorae* L. (Lep., Brassolidae). *Anais do 2º Congresso panamericano de Agronomia* (Piracicaba) 120: 347-349. [Brazil]  
1962. Anatomia morfológica externa e interna da lagarta, e do adulto da *Brassolis sophorae laurentii* Stichel, 1925. *Anais da Escola de Agricultura "Luiz de Queiroz"* 19: 431-451, 3 pls. [Brazil]  
1963. See Mariconi, F. de A. M. & A. P. L. Zamith, 1963.
- Zamora, Nelson**  
2004. See Frankie, G. W. et al., 2004.
- Zamora-Manzur, Carlos**  
2018. See Ramos-González, M. I. et al., 2018.
- Zamprogno, C.**  
1985. See Oliveira, E. G. de et al., 1985.
- Zanatta, Gabriel Vargas**  
2008. See Pinheiro, C. E. G. et al., 2008a.
- Zanetti, Adriano**  
1988. See Daccordi, M. et al., 1988.
- Zanetti, E. S.**  
1986. See Paschoal, I. et al., 1986.
- Zanetti, Ronald, Evaldo Ferreira Vilela, José Cola Zanuncio and José Inácio Lacerda Moura**  
1996. Ritmo de atividade diária de vôo de *Brassolis sophorae* (L., 1758) (Lepidoptera, Nymphalidae). *Revista brasileira de Entomologia* (São Paulo) 40(2): 245-248, 2 figs., 2 tabs. (30 June) [Brazil]  
2000. Búsqueda de alimento y marcación de trilla por larvas de *Brassolis sophorae* (Lepidoptera: Nymphalidae) en condiciones naturales. *Revista de Biología tropical* 47(4): 1035-1038, 2 tabs. ("December 1999", July 2000) [host plant; Brazil]
- Zanotto, Paolo Marinho de Andrade**  
1997. See Ribeiro, B. M. et al., 1997.

## Zanuncio, José Cola

1986. See Anjos, N. dos et al., 1986.  
1993. See Santos, G. P. et al., 1993.  
1995. See Zanuncio, T. V. et al., 1995.  
1996. See Zanetti, R. et al., 1996.  
1997. See Picanço, M. C. et al., 1997.  
1998. See Moreira, L. A. et al., 1998.  
2000a. See Oliveira, H. N. de et al., 2000.  
2000b. See Zanetti, R. et al., 2000.  
2003. See Oliveira, H. N. de et al., 2003.  
2006. See Prezoto, F. et al., 2006.  
2009a. See Soares, M. A. et al., 2009.  
2009b. See Silva, C. A. D. da et al., 2009.  
2012a. See Leite, G. L. D. et al., 2012a.  
2012b. See Tinôco, R. S. et al., 2012.  
2012c. See Leite, G. L. D. et al., 2012b.  
2013a. See Ribeiro, R. C. et al., 2013.  
2013b. See Tavares, W. de S. et al., 2013a.  
2013c. See Tavares, W. de S. et al., 2013b.  
2013d. See Macedo-Reis, L. E. et al., 2013.  
2013e. See Zaché, B. et al., 2013.  
2014. See Tavares, W. de S. et al., 2014.  
2015. See Tavares, W. de S. et al., 2015.  
2016a. See Rodríguez-Dimaté, F. A. et al., 2016.  
2016b. See Tavares, W. de S. et al., 2016.  
2018a. See Martínez, L. C. et al., 2018.  
2018b. See Tavares, W. de S. et al., 2018.  
2019. See Ribeiro, R. C. et al., 2019.
- Zanuncio, José Cola, Marcílio Fagundes, Teresinha Vinha Zanuncio and Alex Giovanny de Barros Medeiros**  
1992. Principais lepidópteros, pragas primárias e secundárias, de *Eucalyptus grandis* na região de Guanhões, Minas Gerais, durante o período de junho de 1989 a maio de 1990. *Científica* (Jaboticabal) 20(1): 145-155, 4 tabs. [general; Brazil]
- Zanuncio, José Cola, Juliana Ferreira Garcia, Germi Porto Santos, Teresinha Vinha Zanuncio e Eduardo Cândido do Nascimento**  
1990. Biología e consumo foliar de lagartas de *Euselasia apisaon* (Dalman, 1823) (Lepidoptera: Riodinidae) em *Eucalyptus* spp. *Revista Árvore* 14(1): 45-54, 1 fig., 2 tabs. [egg, larva, pupa; host plant; predator; Brazil]
- Zanuncio, José Cola, Eduardo Cândido do Nascimento, Juliana Ferreira Garcia and Teresinha Vinha Zanuncio**  
1994. Major lepidopterous defoliators of eucalypt in southeast Brazil. *Forest Ecology and Management* 65(1): 53-63, 2 figs., 7 tabs. (May) [*Euselasia apisaon* (Dalman), *Phocides palemon* (Cramer); host plants]
- Zanuncio, José Cola, Eduardo Cândido do Nascimento, Teresinha Vinha Zanuncio and Germi Porto Santos**  
1993b. Dinâmica populacional dos principais lepidópteros desfolhadores do eucalipto, em diferentes regiões dos estados do Espírito Santo, Minas Gerais e São Paulo, pp. 93-106, pls. 2-8. In: Zanuncio, J. C. (Ed.), *Manual de pragas em florestas. Lepidoptera desfolhadores de eucalipto: Biología, ecología e controle*. Viçosa, IPEF/SIF. [*Phocides palemon* (Cramer); Brazil]
- Zanuncio, José Cola, Germi Porto Santos, Dalva Luiz de Queiroz Santana and Teresinha Vinha Zanuncio**  
1993a. *Controle de lagartas desfolhadoras do eucalipto*, pp. 67-86, figs. 46-52, tab. 1. In: Zanuncio, J. C. (Ed.), *Manual de pragas em florestas. Lepidoptera desfolhadores de eucalipto: Biología, ecología e controle*. Viçosa, IPEF/SIF. [*Euselasia euploea eucerus* (Hewitson), *E. hygenius occulta* Stichel; host

plants; parasitoids; Brazil]

**Zanuncio, José Cola, Germi Porto Santos, Robert Cardoso Sartório, Norivaldo dos Anjos and Lafayette Gonçalves Campelo Martins**

1989. Levantamento e flutuação populacional de lepidópteros associados à eucaliptocultura: 3 – Região do alto São Francisco, Minas Gerais, março de 1988 a fevereiro de 1989. *Revista IPEF* 41/42: 77-82, 3 tabs. (December) [*Phocides palemon* (Cramer); Brazil]

**Zanuncio, José Cola, Germi Porto Santos, Teresinha Vinha Zanuncio and Martha Rocío Bressan Smith**

1993c. Levantamento e flutuação populacional de lepidópteros associados à eucaliptocultura: VII - Região de Belo Oriente, Minas Gerais, junho de 1988 a maio de 1989. *Científica* (Jaboticabal) 21(2): 361-371, 4 tabs. [*Hamadryas amphinome* (Linnaeus), *Agraulis vanillae* (Linnaeus); Brazil]

**Zanuncio, José Cola, Marcus Alvarenga Soares, Teresinha Vinha Zanuncio, Olaf Hermann Hendrik Mielke, Francisco de Sousa Ramalho, Sebastião Lourenço de Assis Júnior and Carlos Frederico Wilcken**

2013. *Euselasia hygenius occulta* (Riodinidae): First report of feeding on *Psidium guajava* (Myrtaceae) in Minas Gerais State, Brazil. *Journal of the Lepidopterists' Society* 67(3): 221-224, 1 fig. (29 August) [host plant]

**Zanuncio, José Cola, Nelson Suplicy, Filho, Evaldo Ferreira Vilela and Abdon Braga de Faria**

1979. Controle químico e microbiológico da *Euselasia apisaon* (Lepidoptera: Riodininae) em condições de laboratório e de campo. *Revista Árvore* 3(1): 75-87, 8 tabs. [host plant; Brazil]

**Zanuncio, José Cola, Nelson Suplicy, Filho, Evaldo Ferreira Vilela and Reginaldo da Silva Romeiro**

1978. Caracterização bioquímica e patogenicidade do *Bacillus thuringiensis* à *Euselasia apisaon* (Lepidoptera: Riodinidae), em condições de laboratório. *Revista Árvore* 2(1): 51-60, 3 tabs. [host plant; Brazil]

**Zanuncio, José Cola, Jorge Braz Torres, Camilla Atsumi Zanuncio Sedyama, Fabrício Fagundes Pereira, Patrik Luiz Pastori, Eduardo Dias Wermelinger and Francisco de Souza Ramalho**

2009. Mortality of the defoliator *Euselasia eucerus* (Lepidoptera: Riodinidae) by biotic factors in an *Eucalyptus urophylla* plantation in Minas Gerais state, Brazil. *Anais da Academia brasileira de Ciências* 81(1): 61-66, 1 fig., 1 tab. (March) [host plant]

**Zanuncio, Teresinha Vinha**

1990. See Zanuncio, J. C. et al., 1990.  
1992. See Zanuncio, J. C. et al., 1992.  
1993a. See Santos, G. P. et al., 1993.  
1993b. See Zanuncio, J. C., et al. 1993a.  
1993c. See Zanuncio, J. C. et al., 1993b.  
1993d. See Zanuncio, J. C. et al., 1993c.  
1994. See Zanuncio, J. C. et al., 1994.  
2009a. See Soares, M. A. et al., 2009.  
2009b. See Silva, C. A. D. da et al., 2009.  
2013. See Zanuncio, J. C. et al., 2013.

**Zanuncio, Teresinha Vinha, José Cola Zanuncio, Jorge Braz Torres and Alberto Jorge Laranjeiro**

1995. Biologia de *Euselasia hygenius* (Lepidoptera, Riodinidae) e seu consumo foliar em *Eucalyptus urophylla*. *Revista brasileira de Entomologia* (São Paulo) 39(3): 487-492, 4 figs., 1 tab. (30 September) [host plant; Brazil]

**Zapata, Adriana Inés**

2016. See Drewniak, M. E. et al., 2016.

2018. See Poffo, D. A. et al., 2018.

**Zapata, Adriana Inés, and Adriana Chalup**

2016. V Encuentro de Lepidoptera Neotropicales. V ELEN. *Boletín de la Sociedad entomológica argentina* 27(1): 29, 3 figs. [general]

**Zapata, Raúl**

2007. See Pérez-de la Cruz, M. et al., 2007.

**Zapata, Sergio**

1974a. Primera contribución al conocimiento de la entomofauna de Lampa (37,17S - 70,53W; 782,01). *Publicaciones entomológicas. Universidad de Chile* 11: 35-38. [general; Chile]

1974b. See Montes, F. & S. Zapata, 1974.

**Zaragoza, Santiago [1935- ]**

1981. See Vázquez, L. & S. Zaragoza, 1981.

1993. See Brailovsky, H. U. et al., 1993.

**Zárate, Ricardo**

2015. See Ruiz, E. et al., 2015.

2017a. See Vásquez, J. et al., 2017a.

2017b. See Vásquez, J. et al., 2017b.

2017c. See Vásquez, J. et al., 2017c.

[2018]. See Vásquez, J. et al., [2018].

**Zarbin, Paulo Henrique Gorgatti**

2014. See Borges, E. de O. et al., 2014.

2018. See Borges, E. de O. et al., 2018.

**Zavala, José Alejandro**

2013. See Herrera, M. del C. et al., 2013.

**Zawadzki, Witold, and Jean-Michel Maes**

2018a. Mariposas de la Reserva Silvestre Privada Bosque de Tanzania, suplemento. *Revista nicaragüense de Entomología* 147: 1-194, figs., tabs. (March) [general; Nicaragua]

2018b. *Charonias eurytele* y *Cepheptychia glaucina* (Lepidoptera: Pieridae y Nymphalidae) reportes nuevos para la fauna de Nicaragua, de la R. S. P. La Sombra y otras mariposas de interés. *Revista nicaragüense de Entomología* 155: 1-85, figs. (September) [general]

**Zawadzki, Witold, Kevin Gauthier and Jean-Michel Maes**

2018. Mariposas de la Reserva Silvestre Privada El Jaguar. *Revista nicaragüense de Entomología* 158: 1-296, figs. (November) [general; Nicaragua]

**Zawisza, Tita**

1982. *Conoce nuestros insectos. 35 insectos de Venezuela para colorear*. Caracas, Ediciones Ekaré - Banco del Libro. 72 pp., figs. [general]

**Zayas, Fernando Antonio de [1912-1983]**

\*1954. Formas anómalas de *Anartia jatrophae jamaicensis* Möschler (Lepidoptera: Nymphalidae). *Circulares del Museo y Biblioteca de Zoología de La Habana* 1954: 1421-1422 (November-December) [probably this item has never been published; in 7 copies of this journal which have been examined, the title appears in the index (as cited above), but pp. 1421-1422 are missing]

1989. *Entomofauna cubana. Tópicos entomológicos a nivel medio para uso didáctico. Orden Trichoptera. Orden Lepidoptera. Sección Rhopalocera. Sección Heterocera. Sección Asemnophorae. Sección Semnophorae*. La Habana, Editorial Científico-Técnica. Vol. 6. [iv] + 188 pp., 120 figs. [general]

**Zayas, Fernando Antonio de, and Israel García**

1965. Tres nuevas mariposas (Lepidoptera: Rhopalocera) para la fauna de Cuba. *Poeyana* (A) 11: 1-3, 1 tab. (3 November) [*Basilarchia floridensis* (Strecker), *Phoebis philea* (Linnaeus), *Colias eurytheme* (Boisduval)]

- Zeckau, Hannah** [1978- ], and **Hanns Zischler**  
2010. *Der Schmetterlingskoffer. Die tropischen Expeditionen von Arnold Schultze*. Berlin, Galiani. 256 pp., figs. [general; history; Colombia, Ecuador]
- Zeil, Jochen**  
2004. See Stavenga, D. G. et al., 2004.
- Zelada, Walter Humberto**  
2004. Las mariposas diurnas (Lepidoptera: Hesperioidea y Papilionoidea) del Bosque de Cuyas, Ayabaca, Piura, Perú. *Revista peruana de Entomología* 44: 37-41, 1 fig., 1 tab. ("27 November", [15 December]) [general]  
2018. See Manno, N. et al., 2018.
- Zelich, Mateo Ricardo** [1924- ]  
1997. Observaciones sobre el papiliónido *Euryades corethrus* (Boisd.). *Mariposas del Mundo* (Buenos Aires) 2: 23-25, 2 figs. (March) [host plant; Argentina]
- Zeller, Philipp Christoph** [1808-1883]  
1853. Caroli Clerck... 'Icones insectorum rariorum'..., critisch bestimmt. *Stettiner entomologische Zeitung* 14(6): 199-214 (June), (7): 239-254 (July), (8): 271-294 (August) [general]
- Zeng, Ling**  
2004. See Liu, X.-L. et al., 2004.  
2006. See Liu, X. et al., 2006.  
2007a. See Liu, X.-L. et al., 2007a.  
2007b. See Liu, X.-L. et al., 2007b.  
2007c. See Liu, X.-L. et al., 2007c.
- Zenker, Jonathan Carl** [1799-1837]  
1828. *Das thierische Leben und seine Formen. Ein zoologisches Handbuch zum Gebrauche academischer Vorträge und zum Selbststudium*. Jena, Cröker'schen Buchhandlung. 720 pp. ([September]) [*Heliconius*]
- Zenner, Ingeborg**  
1976. See Posada, L. et al., 1976.  
1987. See Saldarriaga, A. et al., 1987.  
1988. See Posada, L. & I. Zenner, 1988.  
1989. See Posada, L. et al., 1989.  
1991. See Posada, L. et al., 1991.  
1993a. No sólo en palma. *Notas y Noticias entomológicas* (Bogotá) 1993(7/8): 37 (July-August) [*Opsiphanes cassina* C. Felder & R. Felder; parasitoid; Colombia]  
1993b. Más sobre *Conura* spp. *Notas y Noticias entomológicas* (Bogotá) 1993(7/8): 38 (July-August) [*Opsiphanes cassina* C. Felder & R. Felder; parasitoid; Colombia]  
1994. Desapareció. *Notas y Noticias entomológicas* (Bogotá) 1993(11/12): 65 (February) [*Danaus plexippus* (Linnaeus); host plant; Colombia]  
2010a. Otros que visitan al coral. *Notas y Noticias entomológicas* (Bogotá) 30(4): 3 (December) [*Vanessa, Anartia, Colias*; Colombia]  
2010b. Otros sedientes [sic]. *Notas y Noticias entomológicas* (Bogotá) 30(4): 3-4 (December) [*Urbanus* sp.; behavior; Colombia]  
2011a. Esquelitizador [sic]. *Notas y Noticias entomológicas* (Bogotá) 31(2): 3-4, 1 fig. (June) [*Anartia amathea* (Linnaeus); host plant; Colombia]  
2011b. Cada vez más rara. *Notas y Noticias entomológicas* (Bogotá) 31(3): 1 (September) [*Morpho rhodopteron* Godman & Salvin; Colombia]  
2012a. Parasitoide de Monarca. *Notas y Noticias entomológicas* (Bogotá) 32(1): 2 (March) [*Danaus plexippus* (Linnaeus); Colombia, Venezuela]  
2012b. Otra que aguanta el veneno. *Notas y Noticias entomológicas* (Bogotá) 32(1): 2, fig. (March) [*Danaus plexippus* (Linnaeus); host plant; Colombia]
- 2012c. Confusión. *Notas y Noticias entomológicas* (Bogotá) 32(1): 3, fig. (March) [*Danaus plexippus* (Linnaeus); host plant; Colombia]  
2012d. Cogollero cítricos. *Notas y Noticias entomológicas* (Bogotá) 32(1): 6, fig. (March) [*Eantis* sp.; host plant; Colombia]  
2012e. *Caligo* atraída por guayaba. *Notas y Noticias entomológicas* (Bogotá) 32(2): 16, fig. (June) [*C. illioneus* (Cramer); Colombia]
- Zenner, Ingeborg, and Fabiola Borrero**  
1992. Aclaración valiosa. *Notas y Noticias entomológicas* (Bogotá) 1992(3/4): 19 (4 June) [*Pereute*; host plant; Colombia, Venezuela]
- Zenner, Ingeborg, and Francisco Javier Posada**  
1992. Manjeo de insectos, plagas y benéficos, de la palma africana. *Manual de Asistencia técnica. Instituto colombiano agropecuario* (Bogotá) 54: 1-124, 24 figs., 6 tabs. [general; life histories; host plants; parasitoids; predators; pathogens; Colombia]
- Zepelini, Douglas**  
2008. See Machado, A. B. M. et al., 2008.
- Zequi, João Antonio Cyrino**  
2019. See Graça, M. B. C. S. da et al., 2019.
- Zerny, Hans** [1887-1945]  
1940. Über *Caligopsis seleucida* Hew. (Lep. Brassolidae). *Zeitschrift des wiener Entomologen-Vereines* 25(8): 150-152, pls. 19-20 (15 August) [general; Bolivia; Brazil]
- Zerny, Hans, and Max Beier**  
1936. 25. Ordnung der Pterygogenea: Lepidoptera = Schmetterlinge. In: Kükenthal, W. G. & T. Krumbach (Eds.), *Handbuch der Zoologie. Eine Naturgeschichte der Stämme des Tierreiches*. Berlin & Leipzig, Walter de Gruyter & Co. 4(2)(7): 1554-1644, figs. 1657-1759 (29 March), (8): 1645-1728, figs. 1760-1881 (8 June) [general; eggs, larvae, pupae, imagines; anatomy; morphology; physiology; behavior; ecology; hosts; parasitoids and predators; taxonomy; mimicry; zoogeography]
- Zetek, James** [1886-1959]  
1919a. El gusano dañino de las palmas en Panamá. *Revista La Salle* (Panamá) 1919: 6-8 (October) [*Brassolis isthmia* Bates; life history]  
1919b. The cocoanut butterfly, *Brassolis isthmia*, on banana. *Journal of economic Entomology* 12(6): 465 (8 December) [ecology; Panama]
- Zetina, Dulce H.**  
2007. See Ramos, J. et al., 2007.
- Zeuner, Friedrich Eberhard** [1905-1963]  
1942. Two new fossil butterflies of the family Pieridae. *Annals and Magazine of natural History* (11)9(54): 409-416, 1 fig. (22 June) [general; taxonomy]
- Zhan, Shuai, Christine Merlin, Jeffrey L. Boore and Steven Marion Reppert**  
2011. The monarch butterfly genome yields insights into long-distance migration. *Cell* 147(5): 1171-1185, 6 figs., 1 tab. (23 November) [*Danaus plexippus* (Linnaeus); Mexico]
- Zhan, Shuai, Wei Zhang, Kristjan Niitepõld, Jeremy Hsu, Jaun Fernández, Myron Phillip Zalucki, Sonia M. Altizer, Jacobus C. de Roode, Steven Marion Reppert and Marcus R. Kronforst**  
2014. The genetics of monarch butterfly migration and warning colouration. *Nature* (London) 514(7522): 317-321, 4 figs. (16 October; published online 1 October) [*Danaus plexippus* (Linnaeus); Neotropics]

- Zhang, Bin-Cheng**  
1994. *Index of economically important Lepidoptera*. Wallingford, CAB International. [iv] + 599 pp. [general; host plants]
- Zhang, Di**  
2013. See Wang, W. et al., 2013.  
2015. See Gu, J. et al., 2015.
- Zhang, Jie**  
2015. See Al-Asadi, A. S. et al., 2015.
- Zhang, Jing**  
2019a. See Li, W. et al., 2019.  
2019b. See Cong, Q. et al., 2019.
- Zhang, Jing, Qian Cong, Xiao-Ling Fan, Rongjiang Wang, Min Wang and Nick V. Grishin**  
2017. Mitogenomes of giant-skipper butterflies reveal an ancient split between deep and shallow root feeders. *F1000Research* 6(222): 1-5, 1 fig. (published online 6 March) [*Megathymus beulahae* Stallings & Turner; host plant; Mexico]
- Zhang, Jing, Qian Cong, Jinhui Shen, Ernst Brockmann and Nick V. Grishin**  
2019a. Genomes reveal drastic and recurrent phenotypic divergence in firetip skipper butterflies (Hesperiidae: Pyrrhopyginae). *Proceedings of the Royal Society of London (B)* 286(1903)(20190609): 1-6, 2 figs. (22 May) [general; new taxa: *Azonaxini*, *Apyrrothrixina*, *Mimoniadina*, *Microcerisina*, *Aeaculapyge*, *Sarbiena*, *Santea*, *Mimadia*, *Jematus*, *Jember*, *Jemasonia*, *Merobella*, *Blubella*, *Apatiella*; Neotropics]  
2019b. Three new subfamilies of skipper butterflies (Lepidoptera, Hesperidae). *ZooKeys* 861: 91-105, 2 figs. (8 July) [general; phylogeny]
- Zhang, Jing, Qian Cong, Jinhui Shen, Paul Alexander Opler and Nick V. Grishin**  
2019d. Changes to North American butterfly names. *The taxonomic Report of the international Lepidoptera Survey* 8(2): 1-11, 16 figs. (5 November) [general; new subgenera: *Amblyteria*, *Coa*; Neotropics]
- Zhang, Jing, Jinhui Shen, Qian Cong and Nick V. Grishin**  
2019c. Genomic analysis of the tribe Emesidini (Lepidoptera: Riodinidae). *Zootaxa* 4668(4): 475-488, 2 figs. (12 September) [new taxa: *Curvie*, *Emesis* (*Poeasia*), *E. (Mandania)*, *E. (Brimia)*, *E. (Tenedia)*, *Xanthosa*, *Befrostia*, *Befrostiini*; Neotropics]
- Zhang, Junqiu**  
2015. See Niu, S. et al., 2015.  
2016. See Niu, S. et al., 2015.
- Zhang, Ling-Ling, Shi-Chou Han, Li-Ying Li and Wen-Hui Liu**  
2006c. Progress in studies on the control of invasive weed *Mikania micrantha* H.B.K. *Journal of tropical and subtropical Botany* 14(2): 162-168. [*Actinote thalia pyrrrha* (Fabricius), *A. antea* (Doubleday); host plant]
- Zhang, Ling-Ling, Shi Chou Han, Zhi-Gang Li, Nan Liu, Li-Ying Li, Li-Fen Luo, Tong-Xu Peng and Wen-Hui Liu**  
2006a. Effects of *Actinote thalia pyrrrha* (Fabricius) feeding on the physiological indexes in *Mikania micrantha* leaves. *Acta ecologica sinica* 26(5): 1330-1336, 6 figs. (May) [host plant]
- Zhang, Ling-Ling, Shi-Chou Han, Li-Fen Luo and Hong Huang**  
2006b. Influence of extracts from four plants on feeding choice of the 4th instar larvae of *Actinote thalia pyrrrha*. *Kunchong Zhishi* 43(4): 513-516, 1 fig., 1 tab. (July) [host plant]
- Zhang, Linlin**  
2017. See Mazo-Vargas, A. et al., 2017.
- Zhang, Linlin, Anyi Mazo-Vargas and Robert D. Reed**  
2017. Single master regulatory gene coordinates the evolution and development of butterfly color and iridescence. *Proceedings of the national Academy of Sciences of the United States of America* 114(40): 10707-10712, 5 figs. (3 October; published online 18 September) [general]
- Zhang, Linlin, and Robert D. Reed**  
2017. *A practical guide to CRISPR/Cas9 genome editing in Lepidoptera*, pp. 155-172, 3 figs., 1 tab. In: Sekimura, T. & H. F. Nijhout (Eds.), *Diversity and evolution of butterfly wing patterns. An integrative approach*. Singapore, Springer Nature. (published online 30 August) [*Heliconius erato* (Linnaeus)]
- Zhang, L. Y., Wan-Hui Ye, H. L. Cao and H. L. Feng**  
2004. *Mikania micrantha* H.B.K. in China – an overview. *Weed Research* 44(1): 42-49, 2 figs., 1 tab. (February; published online 26 January) [*Actinote antea* (Doubleday), *A. thalia pyrrrha* (Fabricius); host plant; Costa Rica, Brazil]
- Zhang, Min, TianWen Cao, Ke Jin, ZhuMei Ren, YaPing Guo, Jing Shi, Yang Zhong and EnBo Ma**  
2008. Estimating divergence times among subfamilies in Nymphalidae. *Chinese Science Bulletin* 53(17): 2652-2658 (September) [general; phylogeny]
- Zhang, Wang**  
2013. See Wang, W. et al., 2013.
- Zhang, Wei**  
2013. See Kronforst, M. R. et al., 2013.  
2014. See Zhan, S. et al., 2014.  
2018a. See Nallu, S. et al., 2018.  
2018b. See Westerman, E. L. et al., 2018.
- Zhang, Wei, Kanchon Kumar Dasmahapatra, James Louis Borlase Mallet, Gilson Rudinei Pires Moreira and Marcus R. Kronforst**  
2016. Genome-wide introgression among distantly related *Heliconius* butterfly species. *Genome Biology* 17(25): 1-15, 4 figs., 2 tabs. (27 February) [general; Neotropics]
- Zhang, Wei, Brian X. León-Ricardo, Bas van Schooten, Steven M. Van Belleghem, Brian A. Counterman, William Owen McMillan, Marcus R. Kronforst and Riccardo Papa**  
2019. Comparative transcriptomics provides insights into reticulate and adaptive evolution of a butterfly radiation. *Genome Biology and Evolution* 11(10): 2963-2975, 4 figs. (October; published online 13 September) [*Heliconius*, *Dryas iulia* (Fabricius)]
- Zhang, Xiao-Ping**  
2007a. See Chen, N. et al., 2007.  
2007b. See Su, C.-Y. et al., 2007.
- Zhang, Yu**  
2016. See Teng, X.-X et al., 2016.
- Zhang, Yun**  
2016. See Huangfu, M.-M- et al., 2016.
- Zhang, Ze**  
2016. See Yu, Q.-Y. et al., 2016.
- Zhao, Gui-Fang**  
2016. See Huang, Z.-H. et al., 2016.
- Zhao, Qian, Dongna Ma, Liette Vasseur and Minsheng You**  
2017. Segmental duplications: evolution and impact among the current Lepidoptera genomes. *BMC evolutionary Biology* 17(161): 1-11, 4 figs., 3 tabs. (published online 6 July) [*Heliconius melpomene* (Linnaeus)]

- Zhao, Yuanjin**  
2017. See Elbaz, A. et al., 2017.
- Zhen, Erica W.**  
2014. See Burg, N. A. et al., 2014.
- Zhen, Ying**  
2017. See McCulloch, K. J. et al., 2017.
- Zheng, Fuyin**  
2017. See Elbaz, A. et al., 2017.
- Zheng, Yongmei**  
2014. See Liu, C. et al., 2014.
- Zheng, Yongmei, Xuefeng Gao and Lei Jiang**  
2007. Directional adhesion of superhydrophobic butterfly wings. *Soft Matter* 3(2): 178-182, 4 figs. (7 February) [*Morpho aega* (Hübner); Brazil]
- Zhong, Yang**  
2008. See Zhang, M. et al., 2008.
- Zhong, Sheng**  
2013. See Potyrailo, R. A. et al., 2013.
- Zhou, Jing-Jiang**  
2015. See Vogt, R. G. et al., 2015.
- Zhou, Xin**  
2011. See Shokralla, S. et al., 2011.  
2012. See Smith, M. A. et al., 2012.  
2019. See Kawahara, A. Y. et al., 2019.
- Zhu, Dong**  
2007. See Banerjee, S. & D. Zhu, 2007.  
2011. See Kambe, M. et al., 2011.  
2013. See Okada, N. et al., 2013.
- Zhu, Guo-Ping**  
2007a. See Chen, N. et al., 2007.  
2007b. See Su, C.-Y. et al., 2007.
- Zhu, Haisun**  
2004. See Reppert, S. M. et al., 2004.
- Ziaja, Dariusz J.**  
2017. See Domagała, P. J. et al., 2017.
- Ziegler, Christian**  
2002. See Leigh, E. G., Jr. & C. Ziegler, 2002.
- Ziegler, John Benjamin [1917-2000], and Tarsicio Escalante**  
1964. Observations on the life history of *Callophrys xami* (Lycaenidae). *Journal of the Lepidopterists' Society* 18(2): 85-89 (28 August) [egg, larva, pupa, imago; host plants; behavior; Mexico]
- Zikán, Josef Franz [1881-1949]**  
1909. Aus dem Leben einer Hesperide. *Entomologische Rundschau* 26(10): 59 (15 May) [Brazil]  
1920. Biologische Beiträge zur Schmetterlingsfauna Brasiliens. *Deutscher Verein für Wissenschaft und Kunst* (São Paulo) 1: 145-157, pls. 10-13, 2 figs. [general; host plants; eggs, larvae, pupae, imagines; behavior; ecology]  
1921. Die ersten Stände von *Anaea zikani* Rbl. *Zeitschrift der oesterreichischen Entomologen-Vereines* 6(1/2): 2-3, 5 figs. (1 February) [host plant; larva, pupa, imago; parasitoids; behavior; Brazil]  
1922. Unsere *Heliconisa* Arten. Biologische Beiträge zur Schmetterlingsfauna Brasiliens. *Deutscher Verein für Wissenschaft und Kunst* (São Paulo) 3: 183-193, pls. 12-15. [general; Brazil]  
1923. [Notes], pp. 2-4, figs. 1-5. In: Stichel, H. F. E. J., Beiträge zur Kenntnis der Riodinidenfauna Südamerikas. III. Minas Geraes. *Zeitschrift für wissenschaftliche Insektenbiologie* 18(1/2): 1-9, figs. 1-5 (1 February) [*Mesosemia rhodia*; host plant; larva, pupa, imago; ecology; Brazil]  
1926. Reichtum oder Armut der Schmetterlings- und Käferfauna in Süd-Brasilien. *Zeitschrift für wissenschaftliche Insektenbiologie* 21(6/7): 144-147. [general]  
1927. Biologie der *Heliconisa*-Arten (Lep. Saturnid.). *Deutsche entomologische Zeitschrift* 1927(1): 58-82, pls. 1-4, 6 figs. (25 March) [general; Brazil]  
1928. Die Macro-Lepidoptera des Itatiaya (Südabhang bei Campo-Bello). *Entomologische Rundschau* 45(2): 7-8 (15 February), (3): 10-11 (15 March), (4): 13-14 (15 April), (5): 19-20 (15 May), (6): 22-23 (15 June), (7): 26 (15 July), (8): 32 (15 August), (9): 35-36 (15 September), (10): 38-39 (15 October), (12): 46 (15 December) [general; Brazil]  
1929. Myrmekophilie bei Hesperiden? *Entomologische Rundschau* 46(7): 27-28 (15 July) [general; Brazil]  
1930. Die "Schreckaugen" von *Claigo* [sic] *eurylochus* [sic] *brasiliensis* Fldr. *Entomologische Rundschau* 47(9): 33 (15 September), (10): 38-39 (15 October) [general; larvae, pupae, imagines; behavior; Brazil]  
1931. Etwas über die sekundäre Geschlechtscharaktere bei der Gattung *Thyridia* Hbn. (Lep. Dan.). *Entomologische Rundschau* 48(9): 102 (1 May) [general; *nomen nudum*: *Thyridia mystica*; Brazil]  
1933. "Doppelgänger" der neotropischen Insekten-Fauna. *Revista de Entomologia* (Rio de Janeiro) 3(1): 38-45 (March) [general; Brazil]  
1934. Drei neue Lepidopteren aus Brasilien. *Revista de Entomologia* (Rio de Janeiro) 4(2): 157-162, 13 figs. (27 June) [new species: *Methona mystica*]  
1935a. *Hypoleria arpi* eine neue Neotropide aus Brasilien. Nebst Ergänzungen zu den Beschreibungen von *Aprotopos simplicior* Rüb., *Ithomia drymo* Hbn., *I. pellucida* Weym. und *Episcada pascua* Schs. *Entomologische Rundschau* 52(6): 66-68, 4 figs. (15 March), (7): 73-76, fig. 5 (1 April) [morphology]  
1935b. *Morpho hercules* Dalm. und *richardus* Fruhst. ein auffälliges Beispiel von Parallelismus bei Lepidopteren der neotropischen Fauna. *Deutsche entomologische Zeitschrift "Iris"* 49(3): 133-141, 5 figs. (5 October) [general; host plants; larvae, pupae, imagines; morphology; ecology; *M. h.* new form *irideus*; Brazil]  
1937a. Neue Nymphaliden-Arten und -Formen aus Brasilien. *Entomologische Rundschau* 54(26): 328-331 (8 April), (31): 385-387 (15 May), (33): 423-425 (1 June), (35): 440-441 (15 June), (36): 445-448, 1 fig. (22 June) [general; *Heliconius xanthocles* form *similatus*, *H. melpomene* form *pyritosa*, *H. m. p.* variety *fumigata*, *H. egeria hyas* form *asterope*, *Eueides tales* form *barcellinus*, *E. tales* form *michaeli*, *E. eanes* form *lucretius*, *Phyciodes eunice* female form *albella*, *P. eucrasia*, *P. lansdorfi* female form *sulphurata*, *Pyrameis myrinnæ* aberration *merlinde*, *Anartia amathea roeselia* aberration *conjuncta*, *Eunica amelia* variety *concolor*, *E. excelsa* form *excelsissima*, *Catagramma peristera* form *isaura*, *Callicore clymena seropina* aberration *ocellata*, *Dynamine maeon* form *bertilo*, *D. erchia* form *aurea*, *D. eldridha*, *D. zenobia* form *ampliata*, *Anaea magdalena* form *mayi*, *A. polyxo* form *romilda*, *A. cycloptera*]  
1937b. Descrição de especies e formas novas do genero *Papilio* L. (Lep.). *Archivos do Instituto de Biologia vegetal* (Rio de Janeiro) 3(2): 141-150, 5 pls., 13 figs. (August) [general; *Papilio diceros* form *pyrophanus*, *P. vertumnus* female form *melanopterus*, *P. anchises* form *nosswitzi*, *P. heteropterus*, *P. grayi* variety *boisduvali*, *P. asius* form *albofasciatus*, *P. rothschildianus*, *P. jordani*, *P. aristosilaus*, *P. telesilaus* form *crocatus*, *P. nigrifrons*, *P. pseudosilaus*, *P. leucosilaus*; Brazil]

- 1938a. Die Arten der *Papilio protesilaus*-Gruppe. *Entomologische Rundschau* 55(22): 229-235 (8 March), (25): 281-286, figs. 1-2 (1 April), (27): 301-305, pl. 1, figs. 3-4 (15 April) [general; new species: *P. agathosilaus*; South America]
- 1938b. Namesänderung. *Entomologische Rundschau* 55(28): 324 (22 April) [*Papilio* spp.; nomenclature; Brazil]
- 1938c. Die Arten der *Papilio protesilaus*-Gruppe. *Entomologische Rundschau* 55(34): 389-393, figs. 5-6 (8 June), (38): 441-444, pl. 2, fig. 8 (8 July), (48): 561-564, pl. 3, fig. 9 (22 September), (52): 607-609, pl. 4 (22 October) [general; Mexico, Central and South America]
- 1938d. Novos lepidopteros brasileiros da família Hesperidae [sic]. *Revista de Entomologia* (Rio de Janeiro) 9(3/4): 321-336, pls. 4-5, 3 figs. (31 December) [*Granila paseas* variety *pullata*, *Mimoniades othello* variety *nigrita*, *M. versicolor montana*, *Cycloglypha florita*, *C. stellita*, *Heliopetes ochroleuca*, *Dalla aurosa*, *Thespicus* (sic) *abauna*, *T. abatira*, *T. tapayuna*, *Zenis* (?) *rhadamantus*, *Z. (?) campos-portoi*, *Vettius massimii*; host plants; behavior; ecology]
1939. Die Arten der *Papilio protesilaus*-Gruppe. *Entomologische Rundschau* 56(6): 45-48, pl. 5 (8 February), (12): 116-119, pl. 6 (22 March) [general; Mexico, Central and South America]
- 1940-41a. Beschreibungen neuer neotropischer Papilionidae, Pieridae, Danaidae und Satyridae. *Entomologische Zeitschrift* 54(19): 147-151, 11 figs. (10 October 1940), (20): 154-159 (20 October 1940), (26): 205-208 (20 December 1940), (32): 249-254, figs. 4-7 (20 February 1941); 55(2): 13-16, figs. 9-10 (10 April 1941), (3): 19-24 (20 April 1941), (11): 81-84 (10 July 1941), (14): 107-111, figs. 11-12, 18-19 (10 August 1941) [general; *Papilio vertumnus astorius*, *Perrhybris boyi*, *Cathaemia hirlanda paporina*, *Hesperocharis nera nerida*, *H. n.* variety *piratapuya*, *Phoebis trite chryseida*, *P. t. c.* form *ismene*, *Aphrissa statira* variety *isanthe*, *A. s.* variety *palleola*, *Colias lesbia mineira*, *Dismorphia rotruda*, *D. r.* male variety *interrupta*, *D. r.* female variety *flavella*, *D. yurupari*, *D. y.* variety *yuruti*, *D. massai*, *D. oodoleva*, *Lycorea ceres* variety *persephone*, *L. cleobaea-halia* variety *conjuncta*, *Hirsutis harmonia sulphurata*, *H. caissara*, *Mechanitis polymnia apicenotata*, *Ceratinia fenestella interrupta*, *C. completa completomaculata*, *C. c. yeda*, *Placidula euryanassa* variety *albofasciata*, *Mansueta daeta* variety *vitrea*, *Rhadinoptera eupompe* variety *alba*, *Napeogenes cyrianassa adusta*, *N. adusta* variety *nigromarginalis*, *Sais promissa schatzi*, *S. p. huebneri*, *Dircenna caliginosa*, *Callolera nise niselina*, *Hyoscada similia napirida*, *H. multimacula*, *H. abidula*, *Leucothyris pseudogra*, *L. ghislandii*, *Episcada montanella*; Brazil, Peru, Bolivia, Argentina, Venezuela, Guyana, Paraguay]
- 1941b. Elementos exóticos na lepidóptero-fauna do Brasil. *Arquivos do Serviço florestal* (Rio de Janeiro) 1(2): 9-17, 10 pls. (October) [general; introduced species]
1942. Beschreibungen neuer neotropischer Papilionidae, Pieridae, Danaidae und Satyridae. *Entomologische Zeitschrift* 55(34): 269-272, figs. 17, 20-26 (10 March), (35): 273-278, figs. 13-16, 27-35 (20 March) [general; *Miraleria funerula*, *Hypoleria fausta yawara*, *Callitaera pyritosa*, *C. merolina*, *C. azurina*; Brazil, Colombia]
1946. Duas novas espécies do gênero *Phaenochiton* Stichel (Lep. Riodinidae) do Brasil. In: *Livro de Homenagem a R. F. d'Almeida*. São Paulo, Sociedade Brasileira de Entomologia. 43: 347-350 (30 August) [*P. almeidai*, *P. cuneifascia*]
1949. Observações sobre os componentes dos gêneros *Phaenochiton* Stichel e *Pterographium* Stichel, com a descrição de uma nova espécie e criando um novo gênero (Riodinidae, Lepidoptera). *Revista de Entomologia* (Rio de Janeiro) 20(1/3): 535-539, 3 figs. (31 August) [general; *Pterographium similatum*, *Stichelia*; Brazil]
- 1952a. Beschreibung neuer Lepidopteren-Arten, Rassen und Varietäten aus Brasilien nebst kritischen Bemerkungen zu bereits bekannten. *Dusen* (Curitiba) 3(1): 11-50, 2 pls. (31 January) [*Semomesia alyattes*, *Mesosemia coea* race *fluminensis*, *M. machaera* race *salesiana*, *M. m.* race s. variety *melaena*, *M. eumene* race *attavus*, *Napaea brunneipennis*, *N. umbratica*, *N. paupercula*, *Cremna elisae*, *Rhetus coerulans*, *Lepricornis radiosa*, *Barbicornis basilis* variety *conjuncta*, *B. b.* variety *magniplaga*, *Crocozona croceifasciata*, *Lymnas yeda*, *L. ludmila*, *L. herminae*, *L. cratippa* race *corinna*, *L. lidwina*, *L. lioba*, *Mesene veleda* race *herteli*; host plants]
- 1952b. Wie gross ist die Nachkommenschaft bei Lepidopteren, Coleopteren, Mantiden und Orthopteren? *Dusen* (Curitiba) 3(4): 289-302 (31 July) [general; Brazil]
1953. Beiträge zur Biologie von 19 Riodiniden-Arten (Riodinidae - Lepidoptera). *Dusen* (Curitiba) 4(5/6): 403-413, 12 figs. (30 November) [general; Brazil]
1956. Beiträge zur Biologie von 12 Theclinen-Arten. *Dusen* (Curitiba) 7(3): 139-148, 16 figs. (30 June) [general; Brazil]
- Zikán, Josef Franz, and Walter Zikán**
1940. Introdução para o catálogo da insetofauna do Itatiaia e da Mantiqueira. *Rodriguésia* (Rio de Janeiro) 4(13): 155-165 (March) [general; Brazil]
1968. Inseto-fauna do Itatiaia e da Mantiqueira. III. Lepidoptera. *Pesquisa agropecuária brasileira (Agronomia)* 3: 45-109. [general; host plants; Brazil]
- Zikán, Walter**
1940. See Zikán, J. F. & W. Zikán, 1940.
1942. Proteção á fauna e á flora do Brasil. Defesa das borboletas. *Chácaras e Quintais* (São Paulo) 65(2): 225-228, 1 fig. (15 February) [general]
1968. See Zikán, J. F. & W. Zikán, 1968.
- Zikán, Walter, and Petr Wolfgang Wygodzinsky**
1948. Catálogo dos tipos de insetos do Instituto de Ecologia e Experimentação Agrícolas. *Boletim do Serviço nacional de Pesquisas agrônômicas* (Rio de Janeiro) 4: 1-93 (May) [general; Brazil]
- Zilbermann, Nicolas**
2016. See Chazot, N. et al., 2016a.
- Zilli, Alberto, and Nick V. Grishin**
2019. Unveiling one of the rarest 'butterflies' ever (Lepidoptera: Hesperidae, Noctuidae). *Systematic Entomology* 44(2): 384-395, 3 figs. (April; published online 3 November 2018) [*Hesperia busiris* Fabricius]
- Zillikens, Anne**
2010. See Schmid, S. et al., 2010.
- 2011a. See Schmid, S. et al., 2011.
- 2011b. See Kamke, R. et al., 2011.
- Zimin, Aleksey V.**
2012. See Dasmahapatra, K. K. et al., 2012.
- Zimmer, Dieter Eduard [1934- ]**
1993. Nabokov's Lepidoptera. An annotated multilingual checklist. English - Latin - French / German / Italian / Spanish. *Litterae zoologicae* (Lausanne) 1: 25-171.

- [general]
1996. *A guide to Nabokov's Butterflies and Moths*. Hamburg, Author. 214 pp., 75 figs. [general]
2001. *A guide to Nabokov's Butterflies and Moths 2001*. Hamburg, Author. 395 pp., 21 pls. [general]
- Zimmer, Richard K.**  
2012. See Ferrer, R. P. & R. K. Zimmer, 2012.
- Zimmermann, Elwood Curtin** [1912-2004]  
1958. *Insects of Hawaii. 7. Macrolepidoptera*. Honolulu, University of Hawaii Press. xiii + 542 pp., 423 figs. (30 September) [*Colias ponteni* Wallengren, *Strymon bazochii gundlachianus* (Bates), *S. echion* (Linnaeus); Chile, Mexico]
- Zimmermann, Helmuth G., H. E. Erb and Rachel E. [Cruttwell-] McFadyen**  
1979. Annotated list of some cactus-feeding insects of South America. *Acta zoologica Lilloana* 33(2): 101-112, 1 fig., 1 tab. (August) [*Hamearis* sp., *Thecla melinus* Hübner; host plants; Argentina, Brazil]
- Zimmermann, Marie**  
2000. See Wahlberg, N. & M. Zimmermann, 2000.  
2005a. See Whinnett, A. et al., 2005b.  
2005b. See Whinnett, A. et al., 2005c.
- Zimsen, Ella** [1895-1979]  
1964. *The type material of I. C. Fabricius*. Copenhagen, Munksgaard. 656 pp., 3 figs. [general]
- Zinn, Thomas**  
2018. See Brien, M. N. et al., 2018.
- Zipkin, Elise F.**  
2019. See Saunders, S. P. et al., 2019.
- Zipkin, Elise F., Leslie Ries, Rick Reeves, James Regetz and Karen Suzanne Oberhauser**  
2012. Tracking climate impacts on the migratory monarch butterfly. *Global Change Biology* 18(10): 3039-3049, 4 figs., 1 tab. (October; published online 18 July) [*Danaus plexippus* (Linnaeus); Mexico]
- Zirlin, Harry**  
1995. Where is my muse? *American Butterflies* 3(4): 34-35, 1 fig. [general; mythology]  
1997. Taxonomists just wanna have fun: Purplewings, bluewings, daggerwings and crackers. *American Butterflies* 5(4): 36-37, 1 fig. [*Eunica*, *Myscelia*, *Marpesia*, *Hamadryas*; Mexico]  
1999. Taxonomists just wanna have fun. A place in the sun. *American Butterflies* 7(4): 40-42, 5 figs. [general; Mexico]  
2001. Taxonomists just wa! [sic] have fun. Generically speaking. *American Butterflies* 9(4): 42-45, 2 figs. [general; etymology]  
2002a. Strangers in a strange land. *American Butterflies* 10(1): 4-11, 4 figs., 1 map [general; immigration; Neotropics]  
2002b. Taxonomists just wanna have fun. Inquiring minds want to know! *American Butterflies* 10(2): 36-41, figs. [Lycaenidae; Mexico]  
2002c. Taxonomists just wanna have fun. The royal family. *American Butterflies* 10(4): 44-47, 5 figs. [*Danaus*: etymology]  
2003. Taxonomists just wanna have fun. True or false. *American Butterflies* 11(2): 40-45, figs. [Hesperiidae; Mexico]  
2004a. Taxonomists just wanna have fun. W. H. Edwards: The man behind the hairstreak. *American Butterflies* 12(2): 40-43, 3 figs. [general; history]  
2004b. Taxonomists just wanna have fun. Those complicated crescents. *American Butterflies* 12(4): 36-40, 3 figs.
- [*Phyciodes*, *Anthanassa*]
2006. Taxonomists just wanna have fun: All in the (sub)family. *American Butterflies* 14(3/4): 44-49, figs. [Hesperiidae; Mexico]  
2007a. Taxonomists just wanna have fun: When good taxonomists go bad (butterflies behaving badly). *American Butterflies* 15(1/2): 58-61, 5 figs. [general; Mexico]  
2007b. Taxonomists just wanna have fun. True blue. Part one. *American Butterflies* 15(3/4): 72-78, figs. [general; Polyommatainae; Mexico]  
2013. Butterfly people: An American encounter with the beauty of the world. William Leach. 2013. *American Butterflies* 21(2): 46-47, 1 fig. [also in *News of the Lepidopterists's Society* 58(2): 87-88, 1 fig. (29 April 2016)] [general; book review]
- Zischka, Rodolfo** [1895-1980]  
1948a. Catálogo de los insectos de Bolivia. Primera contribución: Rhopalocera. *Folia universitaria* (Cochabamba) 1: 27-36 ("December 1947", 1948) [general]  
1948b. Catálogo de los insectos de Bolivia. *Folia universitaria* (Cochabamba) 2: 3-5 (October) [general]  
1950. Catálogo de los insectos de Bolivia. Contribución número ocho - Lepidoptera - Familia Papilionidae. *Folia universitaria* (Cochabamba) 4: 51-56 (October) [general]  
1951. Los piéridos bolivianos. *Folia universitaria* (Cochabamba) 5: 17-32, 21 figs. (October) [general; new taxa: *Meganostoma cesonia cesonides* aberration *marginemaculata*, *Dismorphia theugenis* aberration *immaculata*, *D. t.* aberration *flavimaculata*, *D. t.* aberration *continuescens*, *D. foedora interrupta*]
- Zischler, Hanns** [1947- ]  
2010. See Zeckau, H. & H. Zischler, 2010.
- Zitani, Nina M., Scott Richard Shaw and Daniel Hunt Janzen**  
1997. Description and biology of a new species of *Meteorus* Haliday (Hymenoptera: Braconidae, Meteorinae) from Costa Rica, parasitizing larvae of *Papilio* and *Parides* (Lepidoptera: Papilionidae). *Journal of Hymenoptera Research* 6(1): 178-185, 10 figs. (6 May) [*Papilio anchisiades idaeus* Fabricius, *Parides sesostris zestos* (Gray); host plants]  
1998. Systematics of Costa Rican *Meteorus* (Hymenoptera: Braconidae: Meteorinae) species lacking a dorsope. *Journal of Hymenoptera Research* 7(2): 182-208, 28 figs. (20 October) [*Chiomara asychis* (Stoll), *Pyrgus* sp., *Staphylus azteca* (Scudder); host plants; parasitoids; Costa Rica]
- Zobl, Sigrid, Willi Salvenmoser, Thorsten Schwerte, Ille Christine Gebeshuber and Manfred Schreiner**  
2016a. *Morpho peleides* butterfly wing imprints as structural colour stamp. *Bioinspiration & Biomimetics* 11(016006): 1-17, 13 figs. (2 February) [morphology]  
2016b. Erratum. *Bioinspiration & Biomimetics* 11(016006): 1-2, 2 figs. (6 April)
- Zöckler, Christoph**  
1995. *Panguana. Naturkundliches Tagebuch aus dem peruanischen Regenwald*. Bremen, Author. 156 pp., figs. [general]
- Zoeller, Werner**  
2007. See Jakusch, J. & W. Zoeller, 2007.
- Zoghbi, Maria das Graças Bichara**  
1994. See Pereira, O. L., Jr. et al., 1994.
- Zolotuhin, Vadim Viktorovich**  
2011. See Nieuwerkerken, E. J. van et al., 2011.



- Zolla, Stefano**  
1998. See Monge-Nájera, J. et al., 1998.
- Zona, Scott**  
2016. See Reith, M. & S. Zona, 2016.
- Zorn, Gilad**  
2013. See Potyrailo, R. A. et al., 2013.
- Zotz, Gerhard**  
1998. Demography of the epiphytic orchid, *Dimerandra emarginata*. *Journal of tropical Ecology* 14(6): 725-741, 8 figs., 4 tabs. (November) [*Cremna thasus* (Stoll); host plant; Panama]  
2000. See Schmidt, G. & G. Zotz, 2000.
- Zrzavý, Jan**  
2004. See Fric, Z. F. et al., 2004.
- Zschach, Johann Jacob** [1737-1809]  
1788. *Museum N. G. Leskeanum. Pars entomologica ad systema entomologiae cl. Fabricii ordinata*. Lipsiae, G. Müller. [iv] + 136 pp., 3 pls. ([14 July]) [general]
- Zubek, Anna**  
2013. See Pyrcz, T. W. et al., 2013a.  
2016. See Pyrcz, T. W. et al., 2016b.  
2017. See Pyrcz, T. W. et al., 2017.  
2018. See Pyrcz, T. W. et al., 2018c.  
2019. See Pyrcz, T. W. et al., 2019a.
- Zubek, Anna, Jadwiga Lorenc-Brudecka and Tomasz Wilhelm Pyrcz**  
2015. Hypandrium as a key character in resolving species-level taxonomy on the example of *Perisama oppelii* (Latreille) (Lepidoptera: Nymphalidae, Biblidinae). *Zootaxa* 3990(1): 32-40, 5 figs. (23 July) [general; South America]
- Zubek, Anna, and Tomasz Wilhelm Pyrcz**  
2011a. The synonymy of *Forsterinaria difficilis* (Forster) and *F. anachoreta* Pulido & Andrade (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 22(2): 217-225, 10 figs. (31 July) [Venezuela, Colombia, Ecuador, Peru]  
2011b. Description of a new species of *Forsterinaria* Gray from the Pantepuy (Lepidoptera: Nymphalidae: Satyrinae). *Genus* 22(3): 523-530, 4 figs. (30 November) [*F. hannieri*; Venezuela]  
2015. Reinstatement and redescription of *Forsterinaria inornata magdalena* (Hayward) (Nymphalidae: Satyrinae) from Cochabamba, Bolivia. *Zootaxa* 4028(4): 579-582, 2 figs. (12 October) [distribution]
- Zubek, Anna, Tomasz Wilhelm Pyrcz and Pierre Boyer**  
2014. Description of a new species of the Andean butterfly genus *Forsterinaria* Gray (Lepidoptera: Nymphalidae) with considerations on an apparently new structure in male genitalia. *Neotropical Entomology* 43(1): 68-77, 5 figs. (February; published online 12 December 2013) [*F. emo*; Peru]
- Zubek, Anna, Tomasz Wilhelm Pyrcz, Jadwiga Lorenc-Brudecka, Pierre Boyer, José Alfredo Cerdeña, Oscar Javier Mahecha and Blanca Cecilia Huertas**  
2017. Systematic revision of the Andean butterfly genus *Orophila* Staudinger, 1886 (Lepidoptera: Nymphalidae: Biblidinae). *Zootaxa* 4258(5): 443-461, 6 figs. (2 May) [general; Venezuela, Colombia, Ecuador, Peru, Bolivia]
- Zuben, Beth von**  
1997. Borboletas. O frágil arco-iris. *Ecologia e Desenvolvimento* (Rio de Janeiro) 7(66): 4-15, figs. (October-November) [general; host plants; conservation; Brazil]
- Zubieta, Raúl Ricardo**  
2008. See Brower, L. P. et al., 2008.  
2009. See Brower, L. P. et al., 2009.  
2011. See Brower, L. P. et al., 2011.  
2012. See Brower, L. P. et al., 2012a.  
2015. See Brower, L. P. et al., 2015.
- Zucchi, Roberto Antonio** [1948- ]  
1990. See Gobbi, N. et al., 1990.  
2002. See Querino, R. B. & R. A. Zucchi, 2002.  
2003a. See Querino, R. B. & R. A. Zucchi, 2003a.  
2003b. See Querino, R. B. & R. A. Zucchi, 2003b.  
2007. See Querino, R. B. & R. A. Zucchi, 2007.  
2010. See Querino, R. B. et al., 2010.  
2011. See Querino, R. B. & R. A. Zucchi, 2011.  
2016. See Querino, R. B. et al., 2016.  
2017. See Querino, R. B. et al., 2017.  
2019. See Querino, R. B. & R. A. Zucchi, 2019.
- Zucchi, Roberto Antonio, and Renata Chiarini Monteiro**  
1997. *O gênero Trichogramma na América do Sul*, pp. 41-66, 5 figs., 5 tabs. In: Parra, J. R. P. & R. A. Zucchi (Eds.), *Trichogramma e o controle biológico aplicado*. Piracicaba, Fundação de Estudos Agrários Luiz de Queiroz. [general; host plants; parasitoids]
- Zucchi, Roberto Antonio, Ranyse Barbosa Querino and Renata Chiarini Monteiro**  
2010. *Diversity and hosts of Trichogramma in the New World, with emphasis in South America*, pp. 219-236, 3 figs., 4 tabs. In: Cõnsoli, F. L., J. R. P. Parra & R. A. Zucchi (Eds.), *Egg parasitoids in agroecosystems with emphasis on Trichogramma*. Dordrecht, Springer (22 September) [general]
- Zuchowski, Willow**  
1981. See Calvert, W. H. et al., 1981.  
1982. See Calvert, W. H. et al., 1982.  
1983. See Calvert, W. H. et al., 1983.  
1984. See Calvert, W. H. et al., 1984.  
2011. See Brower, L. P. et al., 2011.
- Zuckerberg, Benjamin**  
2010. See Milder, J. C. et al., 2010.
- Zuckerman, James**  
1985. Millions of monarchs. *Terra* 23(3): 9-13, figs. (January-February) [also in *Americas* 38(5): 16-19, 40-43, figs. (September-October 1986)] [*Danaus plexippus* (Linnaeus); migration; Mexico]
- Zucoloto, Fernando Sérgio**  
1994. See Felipe, M. C. & F. S. Zucoloto, 1994.  
1999. See Barros, H. C. H. & F. S. Zucoloto, 1999.  
2001. See Barros-Bellanda, H. C. H. & F. S. Zucoloto, 2001.  
2002. See Barros-Bellanda, H. C. H. & F. S. Zucoloto, 2002.  
2003a. See Barros-Bellanda, H. C. H. & F. S. Zucoloto, 2003.  
2003b. See Catta-Preta, P. D. & F. S. Zucoloto, 2003.  
2004. See Zago, R. C. & F. S. Zucoloto, 2004.  
2005a. See Bittencourt-Rodrigues, R. de S. & F. S. Zucoloto, 2005.  
2005b. See Barros-Bellanda, H. C. H. & F. S. Zucoloto, 2005.  
2009. See Bittencourt-Rodrigues, R. de S. & F. S. Zucoloto, 2009.  
2011a. See Santana, A. F. K. et al., 2011.  
2011b. See Santana, A. F. K. & F. S. Zucoloto, 2011.  
2016. See Santana, A. F. K. & F. S. Zucoloto, 2016.  
2017. See Santana, A. F. K. et al., 2017.
- Zuim, Vitor**  
2015. See Holtz, A. M. et al., 2015.
- Zulka, Klaus Peter**  
2001. See Krenn, H. W. et al., 2001.
- Zunti, Adauto Corrêa, and Lúcio Roscoe Cardinali**  
1970. Contrôles à broca do fruto (*Thecla basilides*) do abacaxizeiro (*Ananas comosus*) com inseticidas clorados, fosforados e carbamatos. *Pesquisa*

*agropecuária brasileira* 5: 29-33, 4 tabs. [host plant; Brazil]

**Zúñiga, Adriana**

[2010]. See Herrera-Vásquez, J. et al., [2010].

**Zúñiga, Álvaro**

2005. See Pérez, V. et al., 2005.

**Zúñiga, Álvaro, and Gloria Gallegos**

2010. Un nuevo registro de la mariposa monarca *Danaus plexippus eripus* [sic] (Cramer, 1775) (Lepidoptera: Nymphalidae: Danainae) en Chile. *Boletín de Biodiversidad de Chile* 4: 90-93, 2 figs. (December)

**Zúñiga, Álvaro, and Daniela Mardones**

2014. Primer registro de la especie exótica *Pieris brassicae* (Linnaeus, 1758) (Lepidoptera: Pieridae) en la Región de Atacama, Chile. *Idesia* (Arica) 32(3): 117-118, 1 fig. (August) [host plant; distribution]

**Zurano, Juan Pablo**

2019. See Castro, É. C. P. de et al., 2019.

**Zurita, Martín Leonel**

2006. See Mendoza, M. et al., 2006.

**Zurschimiten, Mara Patricia Verman**

2017. See Silva, J. M. et al., 2017b.

2019. See Silva, J. M. et al., 2019.

**Zwaan, Bas J.**

2005. See Mollerman, F. et al., 2005.

2011. See Allen, C. E. et al., 2011.

**Zwick, Andreas**

2009a. See Roe, A. D. et al., 2009.

2009b. See Regier, J. C. et al., 2009.

2011. See Nieukerken, E. J. van et al., 2011.

2013. See Regier, J. C. et al., 2013.

2019. See Kawahara, A. Y. et al., 2019.

**Zwickl, Derrick Joel**

2013. See Regier, J. C. et al., 2013.