

## Publications on Afrotropical Papilionoidea during 2020

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**Abstract:** The articles published since the author's *Publications on Afrotropical Lepidoptera during 2019*, which deal with scientific research into Afrotropical Papilionoidea, are listed alphabetically by author. Articles dealing with control of Lepidoptera as pests are excluded.

**Citation:** Williams, M.C. 2020. Publications on Afrotropical Papilionoidea during 2020. *Metamorphosis* **31** (1): 155–156.

### PUBLICATIONS

- ARMSTRONG, A.J. 2020. The status and distribution of Pennington's Protea butterfly *Capys penningtoni* (Lepidoptera: Lycaenidae: Theclinae). *Metamorphosis* **31**(1): 139–147.
- DELABYE, S., MAICHER, V., SAFIAN, S., DOLEZAL, J., ALTMAN, J., JANECEK, S., KOBE, I.N., MURKWE, M., SEBEK, P. & TROPEK, R. 2020. Butterfly and moth communities differ in their response to habitat structure in rainforests of Mount Cameroon. *Biotropica* 2020;00:1–14.
- FRANCIS, J. & GARDINER, A. 2020. The establishment in Harare, Zimbabwe, of *Spalgis lemolea* Druce, 1890, and notes on its life history. *Metamorphosis* **31**(1): 20–22.
- HEATH, A. & CLAASSENS, A.J.† 2020. Illustrated descriptions of juvenile stages of an *Aloeides* species close to *margaretae* Tite & Dickson, including comparisons with both *A. apicalis* Tite & Dickson and *A. depicta* Tite & Dickson. *Metamorphosis* **31**(1): 72–78.
- KOLOSOVA, Y.S. & BOLOTOV, I.N. 2020. Recent invasion of the Lime Swallowtail *Papilio demoleus* (Lepidoptera: Papilionidae) to Seychelles. *Ecologica Montenegrina* **28**: 31–39.
- KRÜGER, M.† 2020. Checklist of the Lepidoptera of southern Africa. *Metamorphosis* **31**(2): 1–201.
- KHESWA, N., MBATHA, S., ARMSTRONG, A.J. & LOUW, S.L. 2020. The status of *Protea caffra* subsp. *caffra* and *Harmonia axyridis* in the habitat of the Critically Endangered Pennington's Protea butterfly *Capys penningtoni*. *Metamorphosis* **31**(1): 148–154.
- LIBERT, M. 2020. Taxonomic notes on some Liptenini (Lepidoptera: Lycaenidae: Poritiinae). *Metamorphosis* **31** (1): 129–131.
- MAICHER, V., DELABYE, S., MURKWE, M., DOLEZAL, J., ALTMAN, J., KOBE, I.N., DESMIST, J., FOKAM, E.B., PYRCZ, T. & TROPEK, R. 2020. Effects of disturbances by forest elephants on diversity of trees and insects in tropical rainforests on Mount Cameroon. *Nature Research Scientific Reports* (2020) 10:21618.
- MARTIN, S.H., SINGH, K.S., GORDON, I.J., OMUFWOKO, K.S., COLLINS, S., WARREN, I.A., MUNBY, H., BRATTSTRÖM, O., TRAUT, W., MARTINS, D.J., SMITH, D.A.S., JIGGINS, C.D., BASS, C., & FFRENCH-CONSTANT, R.H. 2020. Whole-chromosome hitchhiking driven by a male-killing endosymbiont. *PLOS Biology* February 27, 2020. <https://doi.org/10.1371/journal.pbio.3000610>
- MECENERO, S., EDGE, D.A., STAUDE, H.S., COETZER, B.H., COETZER, A.J., RAIMONDO, D.C., WILLIAMS, M.C., ARMSTRONG, A.J., BALL, J.B., BODE, J.D., COCKBURN, K.N.A., DOBSON, C.M., DOBSON, J.C.H., HENNING, G.A., MORTON, A.S., PRINGLE, E.L., RAUTENBACH, F., SELB, H.E.T., VAN DER COLFF, D. & WOODHALL, S.E. 2020. Outcomes of the Southern African Lepidoptera Conservation Assessment (SALCA). *Metamorphosis* **31**(4): 1–160.
- PIERRE, J. 2020. *Acraea cerasa* Hewitson, 1861: its morphological characters and systematic position (Lepidoptera, Nymphalidae, Heliconiinae, Acraeini). *Bulletin de la Société entomologique de France* **125**(4): 417–422.
- PYRCZ, T.W., COLLINS, S.C., LACHOWSKA-CIERLIK, D., LEES, D.C., SÁFIAN, S. & FLORCZYK, K. 2020. A Malagasy element in Continental Africa: a new subspecies of the rare *Amauris nossima* (Nymphalidae, Danainae) from the Kenyan coast. *African Zoology* **2020**: 1–13.
- PYRCZ, T.W., COLLINS, S.C., ZUBEK, A., WACLAWIK, B., SAFIAN, S., BAKOWSKI, M. & FLORCZYK, K. 2020. Previously unrecognized diversity of Afrotropical Melanitini butterflies (Nymphalidae, Satyrinae): doubling the number of species and genera. *Arthropod Systematics & Phylogeny* **78** (2): 171–216.
- RICHARDSON, I.D. 2020. Revision of the genus *Neptis* Fabricius, 1807 (Lepidoptera, Nymphalidae) in the Afrotropical Region, Part 2: Two new species in the Agatha group. *Metamorphosis* **31**(1): 84–93.
- RICHARDSON, I.D. 2020. Revision of the genus *Neptis* Fabricius, 1807 (Lepidoptera: Nymphalidae) in the Afrotropical Region, Part 3: A new species from Mt Mabu, Moçambique. *Metamorphosis* **31**(1): 132–138.

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- SAFIAN, S. 2020. Development and early stages of *Mylothris chloris chloris* (Fabricius, 1775) (Lepidoptera, Pieridae). *Metamorphosis* **31(1)**: 94–98.
- SAFIAN, S. 2020. Development and early stages of *Mylothris rhodope* (Fabricius, 1775) (Lepidoptera, Pieridae). *Metamorphosis* **31(1)**: 99–103.
- SAFIAN, S. 2020. Description of the previously unknown sexes in four West African Lycaenidae (Lepidoptera) with new data on their distribution. *Zootaxa* **4834 (2)**: 219–230.
- SAFIAN, S., BELCASTRO, C., BOIREAU, P. & COLLINS, S.C. 2020. New taxa of skipper butterflies (Lepidoptera, Hesperidae) from tropical Africa. *Metamorphosis* **31(1)**: 56–71.
- SAFIAN, S., KOIVOGUI, S., SIMONICS, G. & FLORCZYK, K. 2020. Butterfly diversity (Lepidoptera: Papilionoidea) in the Ziama Massif in Guinea and the adjacent Wonegizi and Wologizi Mountains in Liberia (West Africa): A transboundary conservation approach. *Metamorphosis* **31(1)**: 104–128.
- SAFIAN, S. & LORENC-BRUDECKA, J. 2020. Unique genitalic structure in a West African lycaenid butterfly, *Liptena seybouii* Warren-Gash & Larsen, 2003 (Lepidoptera, Lycaenidae, Poritiinae, Liptenini). *Metamorphosis* **31(1)**: 4–6.
- SAFIAN, S. & PYRCZ, T.W. 2020. Further data on the butterfly fauna (Lepidoptera: Papilionoidea) of Mpanga Forest, Uganda, and the role of this forest in biodiversity conservation. *Metamorphosis* **31(1)**: 7–14.
- SAFIAN, S., PYRCZ, T., BOIREAU, P. & BELCASTRO, C. 2020. A new subspecies of *Telchinia* Hübner, [1819] (Lepidoptera: Nymphalidae: Heliconiinae) from West Africa. *Metamorphosis* **31(1)**: 45–48.
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- TERBLANCHE, J.E. 2020. Peculiar behaviour of a female *Alaena margaritacea* (Eltringham, 1929) (Lepidoptera: Lycaenidae: Poritiinae). *Metamorphosis* **31(1)**: 23–27.
- TERBLANCHE, J.E. 2020. A new locality for three threatened butterfly species in the Bewaarkloof Reserve of the Limpopo Province, South Africa. *Metamorphosis* **31(1)**: 53–55.
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- VANE-WRIGHT, R.I. 2020. *Euploea dorippus* Klug, 1845: species, semispecies, subspecies, junior subjective synonym of *Danaus chrysippus chrysippus* (Linnaeus), and/or form – what does Klug’s *dorippus* represent? (Lepidoptera: Nymphalidae, Danainae). *Nota Lepidopterologica* **43**: 117–138.
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- WARREN-GASH, H. 2020. *Mylothris* – A revision of the Afrotropical Pierid genus with descriptions of new species. Haydon Warren-Gash (published privately). 214 pp.; 43 plates. ISBN 9781527274532.
- WARREN-GASH, H., ADUSE-POKU, K., MURILLO-RAMOS, L. & WAHLBERG, N. 2020. Systematics and evolution of the African butterfly genus *Mylothris* (Lepidoptera, Pieridae). *Nota Lepidopterologica* **43**: 1–14.
- WILLIAMS, M.C. 2020. Taxonomic notes on members of the subtribe Polyommatina (Lepidoptera: Lycaenidae: Polyommatinae) occurring in the Afrotropical region. *Metamorphosis* **31(1)**: 82–83.
- WILLIAMS, M.C. & HENNING, G.A. 2020. Taxonomic note on three species in the tribe Acraeini Boisduval, 1833 (Lepidoptera: Nymphalidae: Heliconiinae). *Metamorphosis* **31(1)**: 81.
- ZHANG, J., LEES, D.C., SHEN, J., COG, Q., HUERTAS, B., MARTIN, G. & GRISHIN, N.V. 2020. The mitogenome of a Malagasy butterfly *Malaza fastuosus* (Mabille, 1884) recovered from the holotype collected over 140 years ago adds support for a new subfamily of Hesperidae (Lepidoptera). *Genome* **63**: 195–202.