

METAMORPHOSIS

www.metamorphosis.org.za LEPIDOPTERISTS' SOCIETY OF AFRICA

ISSN 1018-6490 (PRINT) ISSN 2307-5031 (ONLINE)

PUBLISHED BY: Lepidopterists' Society of Africa NPC

> P O Box 2586 Knysna 6570 South Africa

EDITOR: Dr. David A. Edge (from 1 January 2019) orachrysops@gmail.com

EDITORIAL BOARD:

Dr. Oskar Brattström, University of Cambridge, United Kingdom.

Dr. Jonathan Colville, South African National Biodiversity Institute, Kirstenbosch. Prof. Konrad Fiedler, Dept. of Botany & Biodiversity Research, University of Vienna.

Dr. Martin Krüger, Ditsong Museum of Natural History, Pretoria.

Dr. Mervyn Mansell, University of Pretoria (retired).

Dr. Rolf Oberprieler, Australian National Insect Collection, CSIRO, Australia.

Dr. Pasi Sihvonen, University of Helsinki, Finland.

Prof. Felix Sperling, Strickland Museum of Entomology, University of Alberta, Canada.

Dr. Riaan Stals, South African National Collection of Insects, ARC, Pretoria.

Mr. Hermann S. Staude, Lepidopterists' Society of Africa NPC, Magaliesburg.

Prof. Emeritus Mark C. Williams, University of Pretoria (retired)

oskar.brattstrom@gmail.com

jonathan.colville@gmail.com

konrad.fiedler@univie.ac.at kruger@ditsong.org.za mansell@mweb.co.za

rolf.oberprieler@csiro.au pasi.sihvonen@helsinki.fi

felix.sperling@ualberta.ca Riaan.Stals@gmail.com hermann@busmark.co.za

lepidochrysops@gmail.com

SUBMISSIONS:

Manuscripts and correspondence for 2019 should be sent to the new Editor, David A. Edge (orachrysops@gmail.com). Instructions to authors are given on the rear inside cover of this publication or more fully online at www.metamorphosis.org.za. There are no page charges or other such charges for members of the Lepidopterists' Society of Africa. Non-members can apply for the current schedule of page charges by application to the Editor.

PUBLICATION AND ACCESSIBILITY:

Articles are published on the Metamorphosis website as soon as the review and editing process is complete. An annual print version is sent to Honorary Life members, Sponsor members and subscribers. All articles published are immediately freely available for the public to read and download as PDFs, once they have registered as a user on the Metamorphosis website. All issues of Metamorphosis dating back to 1983 can be downloaded.

THE LEPIDOPTERISTS' SOCIETY OF AFRICA

The Society is a non-profit organisation registered as a non-profit company under the South African Companies Act, with registered offices at P O Box 2586, Knysna, 6570, South Africa. (www.lepsocafrica.org)

ELECTED & CO-OPTED COUNCILLORS

Jeremy Dobson (Chairman) Justin Bode (Secretary)
Peter Ward (Treasurer: co-opted)

Dave Edge (Metamorphosis Editor: co-opted)

Reinier Terblanche (Research, Conservation & Permits: co-opted)

Steve Woodhall (Marketing: co-opted)

jchdobson@gmail.com justinbode@yahoo.com <u>cintsa@hotmail.com</u> orachrysops@gmail.com reinierf.terblanche@gmail.com steve@butterflygear.co.za

PROVINCIAL BRANCH CHAIRPERSONS/ REPRESENTATIVES

Andrew Morton (Western Cape Branch)

Kevin Cockburn (KwaZulu-Natal Branch)
André Coetzer (Highveld Branch [Gauteng, North-West, Free State])

Ernest Pringle (Eastern Cape Branch) Dave Edge (Southern Cape Branch)

Reinier Terblanche (Northern Cape Branch)

bluebottle@wol.co.za pidelta@gom.co.za andre@neutedop.co.za epringle@eastcape.net orachrysops@gmail.com reinierf.terblanche@gmail.com

REGIONAL REPRESENTATIVES

Steve Collins East Africa Szabolcs Sáfián West & Central Africa Southern Africa Alan Gardiner James Lawrence Indian Ocean Islands

collinsabri@gmail.com safian@bcghana.org alagar@sawc.org.za jameslawrence@telkomsa.net

MEMBERSHIP

The aims of the Lepidopterists' Society of Africa are to promote the scientific study and conservation of Lepidoptera in Africa. Membership of the Society is open to all persons interested in the study or the conservation of African Lepidoptera, with no geographical limit to membership. Membership categories and subscriptions are listed below, plus the cost of the printed version of *Metamorphosis* (including mailing). For more details please email members@lepsocafrica.org.za.

Membership category	Africa	International
Sponsor Members	R 1 200	R 1 400
Full & Affiliate Members	R 270	R 400
Students (under 23 years)	R 150	R 250
Pensioners (over 60 years)	R 200	R 280

Metamorphosis printed version to be advised (depends on size of final journal)

GENERAL CORRESPONDENCE secretary@lepsocafrica.org.za

EDITORIAL POLICIES

SCOPE OF ARTICLES

Articles of any length containing important scientific data concerning any aspect of the study of African Lepidoptera will be considered for publication. The content of such articles may include but will not be limited to:

- 1. Taxonomic reviews, systematics and descriptions of new taxa.
- 2. Life history descriptions, behavioural studies and ecological research including habitat descriptions.
- 3. Description of the lepidopteran fauna of specific areas, with checklists, photographs and notes.
- 4. Conservation management including IUCN assessments.
- 5. Phylogenetic hypotheses based on molecular analyses and other characters.
- 6. Lepidoptera atlassing and distribution.
- 7. Biogeographical analysis.
- 8. Methodologies applied to studies of Lepidoptera.

LENGTH OF ARTICLES

There is in principle no limitation to the length of articles. "Notes" will comprise articles shorter than two pages. "Book Reviews" will normally be less than one page.

RESPONSIBILITY FOR ARTICLES

The factual accuracy of articles and any opinions expressed are the responsibility of the author(s). The Editor of *Metamorphosis* and the Lepidopterists' Society of Africa (LepSoc Africa) assume no responsibility for these articles or opinions. The Editor reserves the right, at his/ her absolute discretion, to reject any articles not conforming to the instructions to authors given below, or which do not comply with scientific conventions.

COPYRIGHT

All copyright for contributions published in this journal belongs to *Metamorphosis* and/or the individual author(s), in terms of a Creative Commons license, which can be viewed at http://creativecommons.org/licenses/by-nc-nd/3.0/, and which only allows users to copy, distribute and transmit the work, whilst prohibiting commercial use and preventing alteration, transformation of, or building upon the work. The finally formatted, printed version is under the copyright of LepSoc as the publisher, although the author(s) retain the right to fully use the content of the article, provided that the publisher is acknowledged. Text extracts may be used by third parties with prior, written permission from the *Metamorphosis* Editor and (as a minimum) the senior author. The journal name, volume, number and date of publication must be acknowledged by the third party together with the author(s) and title of the article.

INSTRUCTIONS TO AUTHORS

Full instructions for authors can be found on our website at http://www.metamorphosis.org.za/?p=authors. Articles should be submitted to the Editor by email to orachrysops@gmail.com.

REVIEWERS

The instructions for reviewers on the *Metamorphosis* website contain information about the ethical code that they are expected to adhere to, the online review process, detailed instructions on how to carry out their review, and what are the possible outcomes of the review process.

Metamorphosis has assembled a group of high quality reviewers and welcomes additions to this group. If you wish to become a *Metamorphosis* reviewer please contact the Editor at <u>orachrysops@gmail.com</u>.

SPONSORSHIP

We are seeking sponsorship for the costs of producing and printing *Metamorphosis*. Interested parties, who will be acknowledged and receive exposure on both our *Metamorphosis* and LepSoc Africa websites, are asked to contact the Chairman of LepSoc Africa Jeremy Dobson at jchdobson@gmail.com.