

A journal of world insect systematics

INSECTA MUNDI

0821

Addendum and update to Zidek (2020):
Catalogue of species-group names assigned to *Copris* Geoffroy,
Coptodactyla Burmeister, *Litocopris* Waterhouse,
Microcopris Balthasar, *Paracopris* Balthasar,
Pseudocopris Ferreira, *Pseudopedaria* Felsche,
Sinocopris Ochi, Kon and Bai, and *Thyregis* Blackburn
(Coleoptera: Scarabaeidae: Scarabaeinae: Coprini)

Jiri Zidek

Date of issue: November 27, 2020

Center for Systematic Entomology, Inc., Gainesville, FL

Zidek J. 2020. Addendum and update to Zidek (2020): Catalogue of species-group names assigned to *Copris* Geoffroy, *Coptodactyla* Burmeister, *Litocopris* Waterhouse, *Microcopris* Balthasar, *Paracopris* Balthasar, *Pseudocopris* Ferreira, *Pseudopedaria* Felsche, *Sinocopris* Ochi, Kon and Bai, and *Thyregis* Blackburn (Coleoptera: Scarabaeidae: Scarabaeinae: Coprini). *Insecta Mundi* 0821: 1–3.

Published on November 27, 2020 by
Center for Systematic Entomology, Inc.
P.O. Box 141874
Gainesville, FL 32614-1874 USA
<http://centerforsystematicentomology.org/>

INSECTA MUNDI is a journal primarily devoted to insect systematics, but articles can be published on any non-marine arthropod. Topics considered for publication include systematics, taxonomy, nomenclature, checklists, faunal works, and natural history. *Insecta Mundi* will not consider works in the applied sciences (i.e. medical entomology, pest control research, etc.), and no longer publishes book reviews or editorials. *Insecta Mundi* publishes original research or discoveries in an inexpensive and timely manner, distributing them free via open access on the internet on the date of publication.

Insecta Mundi is referenced or abstracted by several sources, including the Zoological Record and CAB Abstracts. *Insecta Mundi* is published irregularly throughout the year, with completed manuscripts assigned an individual number. Manuscripts must be peer reviewed prior to submission, after which they are reviewed by the editorial board to ensure quality. One author of each submitted manuscript must be a current member of the Center for Systematic Entomology.

Guidelines and requirements for the preparation of manuscripts are available on the *Insecta Mundi* website at <http://centerforsystematicentomology.org/insectamundi/>

Chief Editor: David Plotkin, insectamundi@gmail.com
Assistant Editor: Paul E. Skelley, insectamundi@gmail.com
Layout Editor: Robert G. Forsyth
Editorial Board: Davide Dal Pos, Oliver Keller, M. J. Paulsen
Founding Editors: Ross H. Arnett, Jr., J. H. Frank, Virendra Gupta, John B. Heppner, Lionel A. Stange, Michael C. Thomas, Robert E. Woodruff
Review Editors: Listed on the *Insecta Mundi* webpage

Printed copies (ISSN 0749-6737) annually deposited in libraries:

CSIRO, Canberra, ACT, Australia	Florida Department of Agriculture and Consumer Services, Gainesville, FL, USA
Museu de Zoologia, São Paulo, Brazil	Field Museum of Natural History, Chicago, IL, USA
Agriculture and Agrifood Canada, Ottawa, ON, Canada	National Museum of Natural History, Smithsonian Institution, Washington, DC, USA
The Natural History Museum, London, UK	Zoological Institute of Russian Academy of Sciences, Saint- Petersburg, Russia
Muzeum i Instytut Zoologii PAN, Warsaw, Poland	
National Taiwan University, Taipei, Taiwan	
California Academy of Sciences, San Francisco, CA, USA	

Electronic copies (online ISSN 1942-1354, CDROM ISSN 1942-1362) in PDF format.

Printed CD or DVD mailed to all members at end of year. Archived digitally by Portico.
Florida Virtual Campus: <http://purl.fcla.edu/fcla/insectamundi>
University of Nebraska-Lincoln, Digital Commons: <http://digitalcommons.unl.edu/insectamundi/>
Goethe-Universität, Frankfurt am Main: <http://nbn-resolving.de/urn/resolver.pl?urn:nbn:de:hebis:30:3-135240>

Copyright held by the author(s). This is an open access article distributed under the terms of the Creative Commons, Attribution Non-Commercial License, which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original author(s) and source are credited. <http://creativecommons.org/licenses/by-nc/3.0/>

Addendum and update to Zidek (2020):
Catalogue of species-group names assigned to *Copris* Geoffroy,
Coptodactyla Burmeister, *Litocopris* Waterhouse,
Microcopris Balthasar, *Paracopris* Balthasar,
Pseudocopris Ferreira, *Pseudopedaria* Felsche,
Sinocopris Ochi, Kon and Bai, and *Thyregis* Blackburn
(Coleoptera: Scarabaeidae: Scarabaeinae: Coprini)

Jiri Zidek

jrzidek@gmail.com

Abstract. The catalogue of species-group names of nine coprine genera (Coleoptera: Scarabaeidae: Scarabaeinae: Coprini), published earlier this year, is updated and revised. Presented are species-group taxa overlooked in compiling the catalogue and new species-group taxa described in 2020, i.e. after the cut-off date of the catalogue.

Key words. Overlooked and new species-group taxa.

ZooBank registration. urn:lsid:zoobank.org:pub:D570E0B0-BC52-477A-A60A-41903562AA65

Introduction

Additional references kindly provided by colleagues have revealed a number of species-group taxa not included in the catalogue of nine coprine genera published earlier this year by Zidek (2020). They are listed below and the list is supplemented by taxa described in 2020, i.e. after the cut-off date of the catalogue.

Catalogue

Additions

***Copris* Geoffroy, 1762**

amazonicus Darling and Génier 2018: 3; Brazil (Amazonas, Mato Grosso), Peru.

brevicornis Darling and Génier 2018: 12; Costa Rica, Honduras, Panama.

crassus Deschodt and Davis (in Deschodt et al 2015: 434); RSA.

curlettii Moretto 2011: 13; Tanzania.

davidi Darling and Génier 2018: 31; Colombia, Ecuador.

hispanus cavolinii (Petagna); prevailing subsequent spelling (Ziani 2020).

inhalatus ngotto Moretto 2011: 16, ssp. nov.; Central African Republic.

kasanka Josso and Prévost 2016: 24; Zambia.

leruei Josso and Prévost 2017: 11; Peoples' Republic of the Congo.

maesi Ratcliffe, redescription by Hernández, Maes and Solís (2020: 11).

martinae ntchisi Moretto 2011: 17, ssp. nov.; Malawi.

morettoii Josso and Prévost 2020: 2; Zimbabwe.

moroni Darling and Génier 2018: 26; Mexico (Campeche, Quintana Roo, Yucatán).

neotridens Génier and Prévost 2017: 39; replacement name for *C. tridens* Felsche.

prevosti Josso 2011: 3; Malawi, Zambia.
pseudomoffarsi Moretto 2011: 14; Cameroon.
serius Nguyen-Phung; description of female by Prévost (2020: 24).
susanae Darling and Génier 2018: 28; Colombia, Ecuador.
tricorniprothoracicus Ochi, Kon and Kawahara 2020: 89; Myanmar.

***Pseudopedaria* Felsche, 1904**

lamottei Cambefort (in Cambefort and Bordat 2003: 556); Ivory Coast.

***Sinocopriss* Ochi, Kon and Bai, 2009**

felschei (Reitter); transferred from *Copriss* (Ochi et al. 2020a).
masumotoi Ochi, Kon and Bai 2020: 918; Vietnam (Quang Nam).
pseudochus basipunctulatus Ochi, Kon and Kawahara 2020: 92; Myanmar.
pueli (Mollandin de Boissy); transferred from *Copriss* (Ochi et al. 2020a).
takanoi Ochi, Kon and Bai 2020: 912; Myanmar (Chin State).
teramachii Ochi, Kon and Bai 2020: 908; India (Sikkim).
umbilicatus (Abeille de Perrin); transferred from *Copriss* (Ochi et al. 2020a).
xingkeyangi Ochi, Kon and Bai 2020: 913; China (Guizhou, Quinghai, Sichuan, Xizang, Yunnan, Zhejiang).
-yangi (Ochi, Kon and Bai 2007: 140), as *Copriss*; = *obenbergeri* (Ochi et al. 2020a).

Erratum

Copriss cribricollis Gillet was erroneously listed as a valid name by Zidek (2020). According to Arrow (1931: 100), it is a junior synonym of *Catharsius pithecius* (Fabricius).

Acknowledgments

I am grateful to Christian Deschodt (University of Pretoria, RSA) and François Génier (Canadian Museum of Nature, Ottawa, ON, Canada) for kindly informing me about the omissions and providing pertinent literature. W. D. Edmonds (Portland, OR, USA), Richard Sehna (Czech University of Life Sciences, Prague) and Stefano Ziani (Meldola, FC, Italy) reviewed the manuscript.

Literature Cited

- Arrow GJ. 1931.** The fauna of British India including Ceylon and Burma. Coleoptera Lamellicornia. Part III (Coprinae). Taylor & Francis; London. 428 p.
- Cambefort Y, Bordat P. 2003.** Coléoptères Scarabaeidae s. str., Aphodiidae et Ceratocanthidae du mont Nimba et des régions limitrophes. In: Lamotte M, Roy R (eds.). Le peuplement animal du mont Nimba (Guinée, Côte d'Ivoire, Liberia). Mémoires du Muséum National d'Histoire Naturelle (Paris) 190: 551–580.
- Darling JDG, Génier F. 2018.** Revision of the taxonomy and distribution of the Neotropical *Copriss incertus* species complex (Coleoptera: Scarabaeidae: Scarabaeinae). Canadian Entomologist 150(5): 539–577.
- Deschodt CM, Davis ALV, Scholtz CH. 2015.** A new synonymy in the *fidius* group of *Copriss* Müller 1764 (Coleoptera: Scarabaeidae: Scarabaeinae) and a new species from the highland grasslands of South Africa. Zootaxa 3949(3): 431–438.
- Génier F, Prévost P. 2017.** *Copriss neotridens*, un nouveau nom de remplacement pour *Copriss tridens* Felsche, 1901, nec Mulsant, 1842. Catharsius La Revue 16: 39.
- Hernández B, Maes JM, Solís A. 2020.** Scarabaeinae (Scarabaeidae) de Cerro de Jesús (Nueva Segovia, Nicaragua) y redescubrimiento de *Copriss maesi* Ratcliffe. Revista Nicaragüense de Entomología 176: 3–47.
- Josso JF. 2011.** Description de quatre nouvelles espèces de Scarabaeidae de Zambie, appartenant aux genres *Catharsius* Hope, 1837, *Copriss* Müller, 1764, *Pleuronitis* Lansberge, 1875 et *Onthophagus* Latreille, 1802. Catharsius La Revue 3: 1–8.
- Josso JF, Prévost P. 2016.** Description d'une nouvelle espèce de *Copriss* Geoffroy, 1762, de Zambie, appartenant au "groupe *fidius*". Catharsius La Revue 13: 24–28.

- Josso JF, Prévost P. 2017.** Description d'une nouvelle espèce de *Copris* Geoffroy, 1762, de la République populaire du Congo, appartenant au "groupe *urus*". *Catharsius La Revue* 16: 11–16.
- Josso JF, Prévost P. 2020.** Description d'une nouvelle espèce de *Copris* Geoffroy, 1762, du Zimbabwe, appartenant au "groupe *fidius*" (Coleoptera, Scarabaeidae, Coprini). *Catharsius La Revue* 21: 1–3.
- Moretto P. 2011.** Nouveaux Scarabaeidae africains appartenant aux genres *Lophodonitis* Janssens, 1938 et *Copris* Müller, 1764. Notes sur quelques *Onitis* Fabricius, 1798 (Coleoptera, Scarabaeidae, Scarabaeinae). *Catharsius La Revue* 3: 9–19.
- Ochi T, Kon M, Bai M. 2020a.** A revisional study of the subgenus *Sinocopris* Ochi, Kon & Bai, 2009 of the genus *Copris* (Coleoptera, Scarabaeidae). *Giornale Italiano di Entomologia* 15(64): 901–932.
- Ochi T, Kon M, Kawahara M. 2020b.** Notes on the coprophagous scarab-beetles (Coleoptera, Scarabaeidae) from Southeast Asia. XXXIII. Two new taxa of the genus *Copris* Müller from Myanmar. *Kogane* 23: 89–93.
- Prévost P. 2020.** Description d'un alloréfèrent femelle pour *Copris serius* Nguyen-Phung, 1987 (Coleoptera, Scarabaeidae, Coprini). *Catharsius La Revue* 21: 24–26.
- Ziani S. 2020.** Subsequent spelling *cavolinii* for *Scarabaeus cavolini* Petagna, 1792 (currently *Copris hispanus cavolinii*) to be maintained as prevailing usage (Coleoptera: Scarabaeoidea: Scarabaeidae: Coprini). *Insecta Mundi* 0777: 1–5.
- Zidek J. 2020.** Catalogue of species-group names assigned to *Copris* Geoffroy, *Coptodactyla* Burmeister, *Litocopris* Waterhouse, *Microcopris* Balthasar, *Paracopris* Balthasar, *Pseudocopris* Ferreira, *Pseudopedaria* Felsche, *Sinocopris* Ochi, Kon and Bai, and *Thyregis* Blackburn (Coleoptera: Scarabaeidae: Scarabaeinae: Coprini). *Insecta Mundi* 0756: 1–24.

Received October 21, 2020; accepted October 29, 2020.

Review editor David Plotkin.

