New synonymies *sensu* Barr for the checkered beetle subfamily Hydnocerinae (Coleoptera: Cleroidea: Cleridae)

William F. Barr
*Formerly, University of Idaho*

Follow this and additional works at: https://digitalcommons.unl.edu/insectamundi

Part of the Ecology and Evolutionary Biology Commons, and the Entomology Commons

https://digitalcommons.unl.edu/insectamundi/1128

This Article is brought to you for free and open access by the Center for Systematic Entomology, Gainesville, Florida at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Insecta Mundi by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.
New synonymies *sensu* Barr for the checkered beetle subfamily Hydnocerinae (Coleoptera: Cleroidea: Cleridae)

William F. Barr†
Formerly, University of Idaho
Department of Entomology
Plant Pathology, and Nematology
606 Rayburn Street
Moscow, ID 83844-2339, USA

Date of issue: April 27, 2018
William F. Barr
New synonyms sensu Barr for the checkered beetle subfamily Hydnocerinae (Coleoptera: Cleroidea: Cleridae)
Insecta Mundi 0620: 1–3

Published in 2018 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
Head Layout Editor: Robert G. Forsyth
Editorial Board: J. H. Frank, M. J. Paulsen, Michael C. Thomas
Review Editors: Listed on the Insecta Mundi webpage

Printed copies (ISSN 0749-6737) annually deposited in libraries
CSIRO, Canberra, ACT, Australia
Museu de Zoologia, São Paulo, Brazil
Agriculture and Agrifood Canada, Ottawa, ON, Canada
The Natural History Museum, London, UK
Muzeum i Instytut Zoologii PAN, Warsaw, Poland
National Taiwan University, Taipei, Taiwan
California Academy of Sciences, San Francisco, CA, USA
Florida Department of Agriculture and Consumer Services, Gainesville, FL, USA
Field Museum of Natural History, Chicago, IL, USA
National Museum of Natural History, Smithsonian Institution, Washington, DC, USA
Zoological Institute of Russian Academy of Sciences, Saint-Petersburg, Russia

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/

Layout Editor for this article: Robert G. Forsyth
New synonymies *sensu* Barr for the checkered beetle subfamily Hydnocerinae (Coleoptera: Cleroidea: Cleridae)

William F. Barr †
Formerly, University of Idaho
Department of Entomology
Plant Pathology, and Nematology
606 Rayburn Street
Moscow, ID 83844-2339, USA

**Abstract.** Eleven new synonymies involving the checkered beetle subfamily Hydnocerinae (Coleoptera: Cleridae) are proposed.

[The manuscript was presented for publication by Weston Opitz, Florida State Collection of Arthropods, DPI, Florida Department of Agriculture (weston.opitz@freshfromflorida.com).]

**Key words.** Checkered beetles, taxonomic nomenclature.

**Introduction**

William F. Barr (1920–2011) (Westcott et al. 2014) prepared, but did not publish, a “Checklist of the Cleridae and Thanerocleridae of North and Central America and the Caribbean Islands”. In that work, Barr listed various new synonymies involving the subfamily Hydnocerinae (Coleoptera: Cleroidea: Cleridae). He examined the appropriate types on which he based his decisions of the proposed synonymies, and his extensive knowledge of checkered beetle taxonomy necessitates a posthumous publication of these synonymies so that they may be made available to Opitz, who is preparing a “Catalogue of the checkered beetles of the Western hemisphere”.

**Materials and Methods**

Valid species names of *Phyllobaenus* Dejean and *Wolcottia* Chapin, and their new synonymies, were extracted from an unpublished checklist of Hydnocerinae checkered beetles prepared by William F. Barr.

**Taxonomy**

*Phyllobaenus bicolor* LeConte 1852: 213.

*Hydnocera cuneiformis* Wolcott 1928: 208. **New Synonymy.**

*Phyllobaenus discoideus* LeConte 1852: 213.

*Phyllobaenus vandykei* Corporaal 1950: 93. **New Synonymy.**

*Phyllobaenus dubius* (Wolcott) 1912: 60.

*Hydnocera iowensis* Chapin 1922: 57. **New Synonymy.**


*Hydnocera fraterna* Wolcott 1912: 61. **New Synonymy.**

*Hydnocera lecontei* Wolcott 1912: 62. **New Synonymy.**

*Hydnocera puritana* Wolcott 1928: 208. **New Synonymy.**

*Phyllobaenus plagifer* Fall 1906: 115.

*Hydnocera bimaculata* Wolcott 1908: 232. **New Synonymy.**
Phyllobaenus rudis (Gorham) 1886: 342.  
Hydnocera mexicanus Wolcott 1911: 122. New Synonymy.

Phyllobaenus schusteri (LeConte) 1866: 97.  

Phyllobanus subaeneus (Spinola) 1844: 51.  

Wolcottia sobrina (Fall) 1906: 117.  
Hydnocera parviceps Schaeffer 1908: 134. New Synonymy.

Acknowledgments

John M. Leavengood, Jr. (United States Department of Agriculture) and Luc Leblanc (University of Idaho) reviewed the manuscript.

Literature Cited


Received February 21, 2018; accepted March 5, 2018.
Review editor Michael L. Ferro.