

2018

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Barr, William F., "New synonymies *sensu* Barr for the checkered beetle subfamily Hydnocerinae (Coleoptera: Cleroidea: Cleridae)" (2018). *Insecta Mundi*. 1128.

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# INSECTA MUNDI

A Journal of World Insect Systematics

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**0620**

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

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Date of issue: April 27, 2018

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Insecta Mundi 0620: 1–3

ZooBank Registered: urn:lsid:zoobank.org:pub:A006F764-02CD-42BA-A4CD-85274731B80E

**Published in 2018 by**

Center for Systematic Entomology, Inc.

P.O. Box 141874

Gainesville, FL 32614-1874 USA

<http://centerforsystematicentomology.org/>

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**Layout Editor for this article:** Robert G. Forsyth

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

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Valid species names of *Phyllobaenus* Dejean and *Wolcottia* Chapin, and their new synonymies, were extracted from an unpublished checklist of Hydnocerinae checkered beetles prepared by William F. Barr.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

*Phyllobaenus maritimus* Wolcott 1910: 321.

*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.  
*Phyllobaenus stupkai* Knull 1949: 199. **New Synonymy.**
- Phyllobanus subaeneus* (Spinola) 1844: 51.  
*Hydnocera singularis* Wolcott 1912: 62. **New Synonymy.**
- 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.

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

