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Valid species names of *Phyllobaenus* Dejean and *Wolcottia* Chapin, and their new synonymies, were extracted from an unpublished checklist of Hydnocerinae checkered beetles prepared by William F. Barr.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

*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.

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Literature Cited


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