

**A NEW SPECIES OF *HARPALUS* LATREILLE (COLEOPTERA:
CARABIDAE) FROM SOUTHEASTERN NORTH AMERICA**

KIPLING W. WILL¹
Department of Entomology
Cornell University
Ithaca, NY 14853-0901, U.S.A.

Abstract

Harpalus (Pseudoophonus) poncei **new species** is described from Florida, USA, based on three specimens, all collected in 1963. This species may be a Florida endemic overlooked by collectors or an undescribed adventive species.

In the course of my review of the subgenus *Megapangus* Casey (Harpalini: *Harpalus* Latreille) (Will 1997), I found two specimens identified as *H. (Megapangus) caliginosus* (Fabricius) in the Cornell University Insect Collection, Ithaca, NY (CUIC), that by their relatively pale legs stood out as different from all other specimens I had examined (individuals of *Megapangus* have black legs [Fig. 1]). Upon closer inspection I found that these two individuals had the characteristics of the subgenus *Pseudoophonus* Motschulsky and not *Megapangus*. Comparison with *Harpalus* specimens in museums throughout North America resulted in only a single additional specimen from the United States National Museum, Washington, D.C. (USNM).

North American *Harpalus* species have been treated in several excellent works (Ball and Anderson 1962; Lindroth 1968; Noonan 1991). However, it not surprising that a species of *Pseudoophonus* from Florida would have remained unnoticed. Lindroth's faunal work focuses on the northern North American taxa, Ball and Anderson's monograph on *Pseudoophonus* predates the first collection record known for this species, and Noonan's publication excludes *Pseudoophonus* taxa since those taxa were covered previously.

Methods

General preparation and taxonomic methods and concepts used are the same as previously described by Will (1998) and Will and Liebherr (1997).

Taxonomy

For a general description of the genus *Harpalus* Latreille for North American species see Noonan's monograph (1991). For characteristics of subgenus *Pseudoophonus* see Ball and Anderson's treatment of the subgenus (Ball and Anderson 1962) and Ball's key to *Harpalus* subgenera (Ball 1960:84). Except for increasing the size range of *Pseudoophonus* species from 6.5–16.0 mm to 6.5–23.0 mm, characteristics of this species are consistent with descriptions presented in these works.

¹ Current Address: Department of Entomology, University of Arizona, Tucson, Arizona 85721.