NOTES AND CORRECTIONS TO A RECLASSIFICATION OF BOMBARDIER BEETLES (CARABIDAE, BRACHINIDA)

TERRY L. ERWIN
Division of Coleoptera
Department of Entomology
Smithsonian Institution
Washington, D.C. 20560
Quaestiones entomologicae
7 : 281 1971

Since publishing my “A reclassification of bombardier beetles and a taxonomic revision of the North and Middle American species (Carabidae:Brachinida)” (Quaest. ent. 6:4-215, 1970) a number of points have come to my notice. These follow seriatim, page numbers and references are to that paper.

Page 17, line 29: Read uniperforate for uniporforate.

Pages 34-37: Jeannel (1949:1084) designated Brachinus senegalensis Dejean (1825:308) as type of Pheropsophus Solier (1833:463). Unfortunately, I followed his designation and failed to see Hope’s previous designation of Carabus complanatus Fabricius (1775:242) in his Coleopterist’s Manual (1838:99). Since P. complanatus Fab. is a New World species (type from Santo Domingo) Pheropsophus Solier is the generic name for all the New World species and Pheropsophidius Hubenthal (1911:547) is a synonym (Pheropsophidius Hubenthal, type Cicindela aequinoctialis Linné 1763:395...aequinoctialis L. = complanatus F. according to Castelnau 1835:51). Thus, Pheropsophus is not available for the Old World species as they represent a genus different from the New World group. The first available name is Stenaptinus Maindron (1906:15), type species S. krichen Maindron (1906:15) designated by Jeannel (1949:1084). The following list summarizes the correct names of the subtribe Pheropsophina:

Genus Stenaptinus Maindron
- Subgenus Stenaptinus s. str.
- Subgenus Parapheropsophus Hubenthal (= Pheropsophus auct.)
- Subgenus Aptinomorphus Jeannel
- Genus Pheropsophus Solier
- Subgenus Pheropsophus s. str. (= Pheropsophidius auct.)
- Subgenus Protopheropsophus Hubenthal

The name Parapheropsophus Hubenthal must be raised from synonymy (Darlington, 1968:234) to become available for the taxon called Pheropsophus by Jeannel (1949), myself (1970), and others. The above was drawn to my attention by Basilewsky (in litt.) and I thank him kindly.

Page 38: The type species of Aptinus was designated by Hope (1838:99) not Jeannel.


Pages 59, 81, 108, 153, 155: The following species were described by me in Opusc. ent. 34(3):287-288, cf. 1969b in the list of references: Brachinus microamericanus, B. adustipennis, B. kavanaughii, B. fulminatus, and B. vulcanoides.

Page 164, line 42: Read extant for extent.

Page 211, line 30: Read 21(2) for 1(2).