



Revision of the genus *Adelostoma* (Coleoptera: Tenebrionidae). Part 1: subgenus *Zarudnionymus* Semenov & Bogatchev, 1947

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Abstract

The subgenus *Zarudnionymus* Semenov & Bogatchev, 1947 of the genus *Adelostoma* Duponchel, 1827 is revised. *A. abyssinicum obockensis* **subsp. nov.** is described from Djibouti. *Adelostoma grandicolle* Fairmaire, 1890 **syn. nov.** from Kamaran Island (Yemen) is synonymised with *A. batesi* Haag-Rutenberg, 1872 (Yemen). Lectotypes and paralectotypes are designated for *A. abyssinicum abyssinicum* Haag-Rutenberg, 1872, *A. batesi* Haag-Rutenberg, 1872 and *A. grande* Haag-Rutenberg, 1879. Habitus photographs and the key for all known species and subspecies of the subgenus *Zarudnionymus* are presented, together with distribution map.

Key words: Taxonomy, Coleoptera, Tenebrionidae, Adelostomini, *Adelostoma*, *Zarudnionymus*, key, new subspecies, synonymy, lectotype, distribution

Introduction

Semenov & Bogatchev (1947) erected the genus *Zarudnionymus* with *Zarudnionymus persis* Semenov & Bogatchev, 1947 as type species (by monotypy). Later, a new genus, *Falsaspila* Koch, 1952 was described by Koch (1952), based on *Adelostoma batesi* Haag-Rutenberg, 1872 (as a type species), *A. abyssinicum* Haag-Rutenberg, 1872 and *A. hirsutum* Koch, 1935. Canzoneri (1965) described *Falsaspila perissinottoi* Canzoneri, 1965. Ardoïn (1976) added a new species, *Zarudnionymus gilloni* Ardoïn, 1976 and synonymized *F. perissinottoi* with *Z. persis* and the genus *Falsaspila* with the genus *Zarudnionymus*. At the same time Koch (1952) established a new genus, *Psaryphulum* Koch, 1952 with *Adelostoma abbreviatum* Haag-Rutenberg, 1872 (type species), *A. pygmaeum* Haag-Rutenberg, 1872, *Psaryphulum damara* Koch, 1952 and *P. machadoi* Koch, 1952. This genus was later synonymized by Kaszab (1981) with the genus *Zarudnionymus*. However, Kwieton (1983) separated the genus *Zarudnionymus* from *Psaryphulum* and downgraded both of them to subgenus level of the genus *Adelostoma* Duponchel, 1827 (established for *Adelostoma sulcatum* Duponchel, 1827, by monotypy). The genus *Adelostoma* is therefore presently divided into three subgenera: *Adelostoma* Duponchel, 1827, *Zarudnionymus* Semenov & Bogatchev, 1947 and *Psaryphulum* Koch, 1952.

Carl (1991) described a new genus *Adelostomoides* Carl, 1991 based on *Adelostoma grande* Haag-Rutenberg, 1879. Later, Purchart (2007) synonymized *Adelostomoides* with the subgenus *Zarudnionymus* Semenov & Bogatchev, 1947. In the same paper he synonymized *Zarudnionymus persis* Semenov & Bogatchev, 1947 with *Adelostoma grande* Haag-Rutenberg, 1879 and described a new species, *A. (Zarudnionymus) borowieci* Purchart, 2007. The subgenus *Zarudnionymus* therefore includes five species with two subspecies (Purchart 2007). This paper presents description of new subspecies of *A. abyssinicum* Haag-Rutenberg, 1872.