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New data on *Apteroloma* (Coleoptera: Agyrtidae) of central Asia and the Himalayas with a new synonymy

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Abstract

The distribution of *Apteroloma anglorossicum* (Semenov, 1890), *A. harmandi* (Portevin, 1903) and *A. sillemi* Jeannel, 1935 in central Asia and along the Himalayas is summarized, and the collecting circumstances and ecology of all three species from Gilgit District, Pakistan are described in detail. Revised diagnoses of all three species are provided, habitus and important morphological structures are illustrated, and available types have been examined. *Apteroloma jankovskii* Semenov and Znojko in Semenov, 1932 is confirmed as junior subjective synonym of *A. anglorossicum*. *Apteroloma heinzi* Schawaller, 1991 is newly treated as a junior subjective synonym of *A. harmandi*.

Key words: Coleoptera, Agyrtidae, *Apteroloma*, taxonomy, new synonymy, distribution, Palaearctic region

Introduction

Agyrtidae are a small family of staphylinoid beetles, with more than 60 valid extant species in eight genera, distributed in temperate areas of the northern hemisphere (with one genus known from New Zealand); most of the species display a relict or disjunct distribution pattern (Newton 2005). The genus *Apteroloma* Hatch, 1927 belongs to the subfamily Pterolomatinae, and currently includes 25 valid species or subspecies distributed in the eastern Palaearctic Region, and an additional nine in the Nearctic region (Newton 1997, Růžička 2015). Many of the species are common in alpine habitats, including at the edges of snow fields or along snow runoff streams, but others are found in forests or open habitats not adjacent to water (Newton 2005).

The current paper summarizes the distribution of three species of *Apteroloma* distributed in central Asia (one species with a range extending to Nepal and northern India). The initial impulse for this paper was the collection of recent material of three species of *Apteroloma* in Pakistan by Leonardo Latella, which was supplemented by other recently examined material from several museum collections. This led to the discovery of colour variation in one species and the synonymy of two former species, previously separated mostly on differences in colouration.

Material and methods

Museum abbreviations. Specimens examined in this study are deposited in the following museums and private collections (acronyms follow Arnett *et al.* 1993):

NHMW	Naturhistorisches Museum, Wien, Austria (H. Schillhammer)
JRUC	private collection of Jan Růžička, Praha, Czech Republic
NHMB	Frey collection, Naturhistorisches Museum, Basel, Switzerland (Eva Sprecher-Uebersax, M. Borer)
MHNG	Muséum d'Histoire Naturelle, Genève, Switzerland (G. Cuccodoro)