

Taxonomy of *Trigonocnera* Reitter, with the description of a new species (Coleoptera, Tenebrionidae)

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Abstract

The genus *Trigonocnera* Reitter is reviewed. One new species is described under the name *T. granulata* sp. nov., and one subspecies in China, *T. pseudopimelia pseudopimelia*, is redescribed. A key to the species of the genus *Trigonocnera* is included.

Key words: Coleoptera, Tenebrionidae, *Trigonocnera*, new species

Introduction

The genus *Trigonocnera* is a small tenebrionid genus proposed by Reitter (1893), with *Trigonocelis pseudopimelia* Reitter, 1889 as the type species; it is assigned to Pimeliini. The genus includes only a single species comprising two subspecies: *T. pseudopimelia pseudopimelia*, known from Neimenggu and Gansu province of China, and *T. pseudopimelia reitteri*, which occurs in South-Gobi and Arhangay Aymag of Mongolia.

While examining tenebrionid specimens deposited in the Museum of Hebei University, we discovered an undescribed species in this genus. The purpose of this paper is to review members of *Trigonocnera* that occur in China and describe the new species. The type and other materials examined are deposited in the Museum of Hebei University (MHBU), Baoding, China.

Trigonocnera Reitter, 1893

Reitter, 1893: *Verhandlungen des Naturforschenden Vereines in Brünn* 31: 202.

Type species: *Trigonocelis pseudopimelia* Reitter, 1889, by monotypy.

Sides of head gradually depressed to eyes; eyes flat, hardly protuberant; 3rd, 4th and 5th antennomeres with long, black hairs on inner margin. Base of pronotum broadly incurved in middle. Elytra flat, the base W-shaped. Prosternal process expanded beyond procoxae. Outer margin of protibiae serrate; metatibiae cylindrical; meso- and metatarsi without dense brush of hairs, only with sparse, long hairs among shorter setae.

Key to the species and subspecies of *Trigonocnera*

1. Pronotum 1.6 times as broad as long; lateral margins of elytra arcuate; 3rd segment of antennae 3.5 times as long as