



A taxonomic study of the genus *Bolivaritettix* Günther (Orthoptera: Tetrigidae: Metrodorinae)

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Abstract

Taxonomy of a tetrigid genus *Bolivaritettix* Günther is reviewed. Two new species, *B. tenuifemura* **sp. nov.** and *B. sanbaishanensis* **sp. nov.** are described. An updated identification key to all known species of the genus is given.

Key words: Orthoptera; Tetrigoidea; Metrodorinae; *Bolivaritettix*; new species; China

Introduction

The genus *Bolivaritettix* was erected by Günther (1939) to accommodate eighteen species: 5 new species, *B. amphinotoides*, *B. difficilis*, *B. humeralis*, *B. palawanicus*, and *B. paraguensis*, and 13 species previously classified in the genus *Mazarredia* Bolívar, 1887, *B. apterus* (Rehn, 1904), *B. asperula* (Bolívar, 1898), *B. chinensis* (Hancock, 1912), *B. convergens* (Brunner von Wattenwyl, 1893), *B. ghumtianus* (Hancock, 1915), *B. insignis* (Kirby, 1914), *B. javanicus* (Bolívar, 1909), *B. laticeps* (Bolívar, 1909), *B. lativertex* (Brunner von Wattenwyl, 1893), *B. nilgircus* (Hebard, 1930), *B. remissus* (Bolívar, 1887), *B. sculpta* (Bolívar, 1887) and *B. sikkimensis* (Bolívar, 1909). He designated *B. sculpta* (Bolívar, 1887) as the type species of the genus. A large number of new species of the genus *Bolivaritettix* have been described since the original description (Günther, 1942; Steinmann, 1962; Shishodia, 1991; Zheng, 2005; Ingrisch, 2006; Deng, 2007). Zheng *et al.* (2003) revised the genus *Bolivaritettix* from China, but included only fifteen species.

To date, the genus includes 73 known species. Most of species of *Bolivaritettix* belonging to Oriental species, which are distributed over India, Vietnam, Palawan, Kampuchea, Burma, Java, Borneo, Sumatra, Philippines, China, Greater-Sunda-Island. They are typical inhabitants of moist places in tropical rainforests, such as moist stony ground, fallen leaves, shrubbery. They feed on mosses and algae, and their cycle is univoltine and they overwinter as the adult stage. Adults occur only in spring (overwintered) and fall (adults of the next generation). The present paper describes two new species of the genus and provides an updated identification key to all known species of the genus. The type specimens are deposited in the Institute of Zoology, Shaanxi Normal University, Xi'an, China.

Specimens were examined and illustrated using an XTL-1 stereomicroscope. Morphological terminology and measurement method follows that of Zheng (2005) and Deng *et al.* (2007). Measurements are given in millimeters (mm).

Bolivaritettix Günther, 1939

Bolivaritettix Günther, 1939; Steinmann, 1962; Shishodia, 1991; Jiang and Zheng, 1998; Liang and Zheng, 1998; Zheng, 2005; Deng, Zheng and Wei, 2007. Type species: *Bolivaritettix sculptus* (Bolívar, 1887)