



A review of the genus *Falconius* Bolivar (Orthoptera: Tetrigoidea: Scelimeninae)

WEIAN DENG¹, ZHEMIN ZHENG² & SHIZHEN WEI¹

1. Department of Chemistry and Life Science, Hechi University, Yizhou 546300, Guangxi, China. E-mail: dengweian5899@tom.com

2. Institute of Zoology, Shaanxi Normal University, Xi'an 710062, China

Abstract

A total of sixteen species of *Falconius* Bolivar were systematically researched in this paper. One species, *Falconius longicornis* sp. nov. is described as new to science. This species can be easily distinguished from other species of the genus by lateral margins of vertex sharp teeth produced upwards, exerted above the eyes surface in profile. An updated key to the species of *Falconius* is presented. The type specimens are deposited in the Institute of Zoology, Shaanxi Normal University, Xi'an, China.

Key words: Orthoptera; Tetrigoidea; Scelimeninae; *Falconius*; review; new species

Introduction

The genus *Falconius* was erected by Bolivar in 1898 to accommodate three species, *F. gestroi*, *F. clavatus* and *F. clavitarsis* (Bolivar, 1887) = *Criotettix clavitarsis* Bolivar, 1887, from Indonesia. He designated *F. clavitarsis* (Bolivar, 1887) as the type species for the genus. The genus *Falconius* is a small genus belonging to the subfamily Scelimeninae (Tetrigidae). Since Bolivar (1898), some new species of the genus *Falconius* have been described (Hancock 1907, Günther 1938, Zheng *et al* 1997, Liang 2000). Additionally, *Eugavialidium bedoti* Bolivar, 1909 and *Mazarredia inaequalis* Brunner von Wattenwyl, 1893 were transferred to *Falconius* by Günther in 1938. Zheng *et al* (2006) revised the genus *Falconius* from China, but included only four species. To date, the genus includes 15 known species worldwide, distributed mainly in China, India, Philippines, Indonesia, Malaysia, Burma and the Middle East (Table 1). Herein, we describe *Falconius longicornis* sp. nov. as new to science and a total of 16 species *Falconius* are systematically researched in this paper. An updated key to the species of *Falconius* is presented. 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 in millimeters (mm).

Falconius Bolivar, 1898

Falconius Bolivar, 1898. Ann. Mus. Stor. Nat. Genova, 39: 69.

Falconius Bolivar; Günther, 1938. Mitt. Zool. Mus. Berlin, 23: 307–400.

Falconius Bolivar; Jiang and Zheng, 1998. Grasshoppers and Locusts from Guangxi. 280.

Falconius Bolivar; Zheng, 2005. Fauna of Tet rigoidea f rom Western China. 51–52.

Falconius Bolivar; Deng, Zheng & Wei, 2007, Fauna of the Tetrigoidea from Yunnan and Guangxi, 45.

Type species: *Falconius clavitarsis* (Bolivar, 1887)