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First record of *Noctitrella* Gorochov from China, with description of a new species (Orthoptera: Gryllidae: Podoscirtinae)

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Abstract

The genus *Noctitrella* Gorochov, 1990 is recorded to China for the first time. A new species is described and illustrated, *N. denticulata* sp. nov. (CHINA: Yunnan). A key to and a distribution map of the known species of this genus in the world are presented.

Key words: Gryllidae, Podoscirtinae, *Noctitrella*, new record, new species, China

Introduction

The genus *Noctitrella* was established by Gorochov (1990) for *N. tranquilla*. At present, it includes 9 species (Ingrisch, 1997; Gorochov, 2003; Eades, Otte, Cigliano & Braun, 2013), which are distributed in the Southeast Asia (Map 1). During our study, a new species of *Noctitrella* Gorochov from Yunnan, China is discovered and described here under the name of *N. denticulata* sp. nov. Meanwhile, the genus *Noctitrella* Gorochov is recorded to the Chinese fauna for the first time. Terminology follows that of Ingrisch (1997). The type specimen is deposited in the Museum, Hebei University, Baoding, China (MHBU).

Taxonomy

Noctitrella Gorochov, 1990 New record to China

Noctitrella Gorochov, 1990: 19; Otte, 1994: 80; Ingrisch, 1997: 49; Gorochov, 2003: 268. Type species: *Noctitrella tranquilla* Gorochov, 1990

Generic diagnosis. Body medium sized. Pronotum rather long. Tegmina with a large longitudinal mirror and long apical area. Fore tibia strongly swollen at tympana; inner tympanum with a slit-like opening on posterior side; outer tympanum oblong. Metanotal gland well-developed, central concavity with numerous long hairs, posterior lobe distinct. Male supra anal plate short and rather simple; subgenital plate abruptly narrowed at apical one-third. Phallus well-developed, epiphallus vertically reflexed at base and covered with numerous hairs; endophallus well-developed, with rather simple apodeme; ectophallus apodeme rather long. Ovipositor simple and rounded at apex.

Distribution. China, Vietnam, Thailand, Malaysia, Cambodia.

Key to the species of *Noctitrella* Gorochov

- 1 Epiphallus each side with a spine-like projection near apical margin of dorsal surface 2
- Epiphallus without any projection near apical margin of dorsal surface 6