



## A review of the genus *Leptoteratura* Yamasaki, 1982 (Orthoptera: Tettigoniidae: Meconematinae) from China

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### Abstract

Keys to the subgenera of *Leptoteratura*, to the species of subgenus *Leptoteratura* from China and to all species of subgenus *Rhinoteratura* are presented. One new species *Leptoteratura (Rhinoteratura) lamellatus* Mao et Shi, sp. nov. and generic diagnosis are presented. Type specimens are deposited in Museum of Hebei University, Baoding.

**Key words:** Orthoptera, Meconematinae, *Leptoteratura*, *Rhinoteratura*, review, new species

### Introduction

*Leptoteratura* was erected by Yamasaki in 1982. The type species is *Meconema albicorne* Motschulsky, 1866. Yamasaki (1987) described four new species from the Ryukyu Islands and Taiwan and also presented notes on speciation of *Leptoteratura*. In 1988 he described another two new species from the Ryukyu Islands. Gorochov (1994) described one new species from Vietnam and Liu et Jin (1997) published one new species from China. Up to the present, *Leptoteratura* includes 15 species and two subspecies belonging to three subgenera (Eades *et al.*, 2007): *Leptoteratura*, *Rhinoteratura* and *Exoteratura*; among them three species of subgenus *Leptoteratura* are distributed in China.

In the present paper, one new species *Leptoteratura (Rhinoteratura) lamellatus* sp. nov. and generic diagnosis are described and its status renewed. A key to subgenera of *Leptoteratura*, keys to species of subgenus *Rhinoteratura* and Chinese species of subgenus *Leptoteratura* are provided. All the materials are in Museum of Hebei University, Baoding, China.

### *Leptoteratura* Yamasaki, 1982

Yamasaki, Bull. 1982: *Natn. Sci. Mus.*, 8(3): 119; 1987: *Kontyu*, 55(2): 342; 1988: *Proc. Japn. Syst. Zool.*, 38: 38; Gorochov, 1994: *Proc. Zool. Inst. Acad. Sci. USSR*, 257: 36; Jin et Xia, 1994: *J. Orth. Res.*, 26; Liu et Jin, 1997: *Insects of the Three Gorge Reservoir area of Yangtze river*, 158–159, 170–171; Eades *et al.*, 2007: Orthoptera Species File Online (Version 2.0/3.1).

Typus subgeneris: *Leptoteratura (Leptoteratura) albicorne* (Motschulsky, 1866)

**Generic diagnosis.** Body small and delicate. Head with flat dorsum, fastigium of vertex compressed, protruding anteriorly. Hypognathous or opisthognathous; maxillary palpi long, apical segment of maxillary palpi