



One new species and one new combination of the genus *Neocyrtopsis* Liu & Zhang, 2007 (Orthoptera: Meconematinae) from Emeishan, China

HAI-JIAN WANG¹, CHENG-QUAN CAO² & FU-MING SHI^{3,4}

¹College of Agronomy, Sichuan Agricultural University, Chengdu 611130, P. R. China

²College of Life Science, Leshan Normal University, Leshan, Leshan 614004, P. R. China

³College of Life Sciences, Hebei University, Baoding 071002, P. R. China

⁴Corresponding author. E-mail: shif_m@126.com

Abstract

The paper describes one new species, i.e. *Neocyrtopsis (Neocyrtopsis) emeishanensis* Shi **sp. nov.**, transfers *Phlugiolopsis platycata* Shi & Zheng, 1994 to the genus *Neocyrtopsis* and redescribes the species.

Key words: *Neocyrtopsis*, new species, new combination, Emeishan, China

Introduction

The genus *Neocyrtopsis* Liu & Zhang was established by Liu and Zhang in 2007 as a subgenus of *Cyrtopsis* Bey-Bienko, 1962. Wang, Liu, Li & Fang (2012) elevated it to generic status, type species *Neocyrtopsis variabilis* (Hsia & Liu, 1993), and described one new species, i.e. *Neocyrtopsis fallax* Wang & Liu, 2012. Wang, Liu & Li (2013) revised *Neocyrtopsis*, erected one new subgenus and transferred two known species to the genus *Neocyrtopsis (Paraneocyrtopsis)* Wang, Liu & Li. These are *Neocyrtopsis (Paraneocyrtopsis) yachowensis* (Tinkham, 1944) and *Neocyrtopsis (Paraneocyrtopsis) bilobata* (Liu, Zhou & Bi, 2008). It seems that *Acosmetura platycata* (Shi & Zheng, 1994) likely belongs to the genus, but lacking specimens, they cannot confirm this. So far, the genus *Neocyrtopsis* deals with 4 species, which are distributed in China.

Shi & Zheng (1994) described one new species, i.e. *Phlugiolopsis platycata* Shi & Zheng, 1994. Liu, Zhou & Bi (2008) transferred the species to *Acosmetura*. We discover the some topotypes, (Emeishan, Sichuan), which belong to the genus on basis on male 10th abdominal tergite and epiproct; but male genitalia and subgenital plate obviously differs from the known species of the genus. Presently, we describe one new species, namely *Neocyrtopsis (Paraneocyrtopsis) emeishanensis* Shi, **sp. nov.** The type specimens are deposited in the Museum of Hebei University.

Neocyrtopsis (Paraneocyrtopsis) platycata (Shi & Zheng, 1994) Shi **com. nov.**

Fig. 1

Redescription. Male. Body stout. Head hypognathous, fastigium verticis protruding anteriorly, conical with a thin longitudinal sulcus, apex rounded. Eyes subglobular, prominent. Apical segment of maxillary palpi longer than subapical one, apex slightly enlarged.

Pronotum short, not reaching middle area of first abdominal tergite; anterior margin straight, posterior margin obtusely rounded, transversal sulci indistinct; lateral lobe longer than deep, posterior margin not broadened, inclining, humeral sinus absent.

All femora without spines on ventral margin. Forecoxa with a spine, foretibiae with 5 pairs of spines (including a pair of apical spines) on ventral margin, tibial tympana open on inner and outer sides, long-oval.