



## New taxa of Meconematini (Orthoptera: Tettigoniidae: Meconematinae) from Guangxi, China

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### Abstract

The following new taxa of Meconematini from Guangxi province were described: *Sionthaumaspis damingshanicus* Wang, Liu, Li **gen. & sp. nov.**, *Aphlugiolopsis punctipennis* Wang, Liu, Li **gen. & sp. nov.**, *Eoxizicus (Eoxizicus) curvicercus* Wang, Liu, Li **sp. nov.**, *Meconemopsis paraquadrinotata* Wang, Liu, Li **sp. nov.**, *Neocryptopsis? unicolor* Wang, Liu, Li **sp. nov.**, *Xiphidiopsis (Dinoxiphidiopsis) expressa* Wang, Liu, Li **sp. nov.** *Xiphidiopsis (Xiphidiopsis) fischerwaldheimi* Gorochov, 1993, a synonym of *Xiphidiopsis (Xiphidiopsis) jinxiuensis* Xia & Liu, 1990 was described. The opposite gender of *Sinocyrtaspis truncate* Liu, 2000 and *Abaxinicephora excellens* Gorochov & Kang, 2005 were firstly described. *Xiphidiopsis (Dinoxiphidiopsis) jacobsoni* Gorochov, 1993 was also firstly recorded from China. Two new combinations, *Meconemopsis quadrinotata* (Bey-Bienko, 1971) Wang, Liu, Li comb. nov. and *Xiphidiopsis (Dinoxiphidiopsis) fanjingshanensis* (Shi & Du, 2006) Wang, Liu, Li comb. nov., as well as a synonym of the former *Xizicus (Axizicus) xizangensis* Jiao & Shi 2013 syn. nov. which respectively relate to *M. paraquadrinotata* **sp. nov.** and *X. (D.) expressa* **sp. nov.**, were also noted.

**Key words:** Tettigoniidae, Meconematini, new taxa, Guangxi, China

### Introduction

The Shanghai Entomological Museum conducted an insect resource investigation for a month in the Nonggang National Nature Reserve, the Daming Mountain National Nature Reserve and the Maoer Mountain National Nature Reserve of Guangxi province in July 2013. We have been helped and supported well by relevant personnel. We have examined all the material from this field investigation, observed some new taxa of the tribe Meconematini covering 2 new genera and 6 new species: *Aphlugiolopsis punctipennis* Wang, Liu, Li **gen. & sp. nov.**, *Sionthaumaspis damingshanicus* Wang, Liu, Li **gen. & sp. nov.**, *Eoxizicus (Eoxizicus) curvicercus* Wang, Liu, Li **sp. nov.**, *Meconemopsis paraquadrinotata* Wang, Liu, Li **sp. nov.**, *Neocryptopsis? unicolor* Wang, Liu, Li **sp. nov.**, *Xiphidiopsis (Dinoxiphidiopsis) expressa* Wang, Liu, Li **sp. nov.** In addition, we collected a male of *Sinocyrtaspis truncate* Liu, 2000 and a female of *Abaxinicephora excellens* Gorochov & Kang, 2005 for the first time; addressing two questionable species *Xiphidiopsis (Xiphidiopsis) fischerwaldheimi* Gorochov, 1993 and *Xiphidiopsis jinxiuensis* Xia & Liu, 1990, we determined they are the same species: the former is a synonym of the latter. Besides, *Xiphidiopsis (Dinoxiphidiopsis) jacobsoni* Gorochov, 1993 is first recorded from China, 2 new combinations *Meconemopsis quadrinotata* (Bey-Bienko, 1971) Wang, Liu, Li comb. nov. and *Xiphidiopsis (Dinoxiphidiopsis) fanjingshanensis* (Shi & Du, 2006) Wang, Liu, Li comb. nov. which are related to two new species mentioned above respectively from Xizang and Guizhou, are addressed with note of another gender of each new combination and a synonym of the former *Xizicus (Axizicus) xizangensis* Jiao & Shi 2013 Wang, Liu, Li syn. nov. An illustrated key with diagnostic characters of each new species is presented.

**Measurement.** Lengths in millimeter: body ♂12.9, ♀12.2–13.0; pronotum ♂7.9, ♀5.0–5.1; tegmina ♂4.0, ♀1.7–1.8; hind femora ♂10.0, ♀10.1–10.6; ovipositor ♀7.0–7.6.

**Distribution.** Guangxi (Maoer Mountain).

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