



<http://dx.doi.org/10.11646/zootaxa.3869.5.4>

<http://zoobank.org/urn:lsid:zoobank.org:pub:AE275D6D-B4F8-4D82-9328-B0147C904C74>

Notes on a collection of the tribe Meconematini (Orthoptera: Tettigoniidae) from Hainan, China

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Abstract

This paper deals with 7 genera and 12 species of the tribe Meconematini from Hainan, China, three of which are new species, i.e. *Xizicus (Axizicus) bispinus* **sp. nov.**, *Xizicus (Eoxizicus) furcutus* **sp. nov.** and *Xizicus (Eoxizicus) streptocercus* **sp. nov.**, and the first record of *Xizicus (Axizicus) szechwanensis* (Tinkham, 1944), *Xiphidiopsis (Xiphidiopsis) autumnalis* Gorochov, 1998 and the female of *Teratura (Teratura) flexispatha* Qiu & Shi, 2010. The specimens examined are deposited in the Museum of Hebei University.

Key words: Meconematini, new species, Hainan, China

Introduction

Hainan Island is one of the largest tropical land in China. Liu & Zhang (2000) described five new species from Hainan, namely *Euxiphidiopsis quadridentata* Liu & Zhang, 2000, *Xizicus (Eoxizicus) choui* (Liu & Zhang, 2000), *Xizicus (Eoxizicus) dubius* (Liu & Zhang, 2000), *Xizicus (Eoxizicus) sinuatus* (Liu & Zhang, 2000) and *Xizicus (Eoxizicus) wuzhishanensis* (Liu & Zhang, 2000). Gorochov *et al.* (2005) reported two new species in Hainan, i.e. *Decma (Decma) tristis* Gorochov & Kang, 2005, and *Xizicus (Eoxizicus) hainani* Gorochov & Kang, 2005, and recorded the species *Kuzicus (Kuzicus) suzukii* (Matsumura & Shiraki, 1908) distributed in Hainan. Qiu & Shi (2010) reported 1 new species *Teratura (Teratura) flexispatha* Qiu & Shi, 2010 from Hainan. Shi *et al.* (2011) erected the genus *Shoveliteratura*, described 2 new species, i.e. *Euxiphidiopsis trilobus* (Shi, Bian & Chang, 2011) and *Shoveliteratura triangula* Shi, Bian & Chang, 2011. To date there are 6 genera 11 species of Meconematinae known in Hainan (Eades *et al.*, 2014).

This study is based on the specimens collected during May to June 2014 from Hainan, China, which belong to 7 genera and 12 species, including three new species, namely *Xizicus (Axizicus) bispinus* **sp. nov.**, *Xizicus (Eoxizicus) furcutus* **sp. nov.** and *Xizicus (Eoxizicus) streptocercus* **sp. nov.**, and the first record of *Xizicus (Axizicus) szechwanensis* (Tinkham, 1944), *Xiphidiopsis (Xiphidiopsis) autumnalis* Gorochov, 1998 in Hainan and the female of *Teratura (Teratura) flexispatha* Qiu & Shi, 2010. The specimens examined are deposited in the Museum of Hebei University.

Xizicus (Axizicus) szechwanensis (Tinkham, 1944)

Specimens examined. 1♂1♀, Wuzhishan (Shuiman), Hainan, 16–17 May 2014, collected by Jiao Jiao; 11♂9♀, Bawangling, Changjiang, Hainan, 26–31 May 2014, collected by Jiao Jiao; 3♂1♀, Jianfengling, Ledong, Hainan, 3 June 2014, collected by Jiao Jiao.

Distribution. Hainan (Bawangling, Jianfengling, Wuzhishan), Anhui, Chongqing, Guangxi, Guizhou, Hubei, Jiangxi, Sichuan, Yunnan, Zhejiang.

Acknowledgements

This project is supported by the National Natural Science Foundation Monumental Projects (No. 31093430, 31493021), the National Natural Science Foundation of China (No. 31071955, 31372232).

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