



Two new species of the genus *Euxiphidiopsis* Gorochov, 1993 (Orthoptera: Meconematinae) from China

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Abstract

The article reported two new species of the genus *Euxiphidiopsis* Gorochov, 1993, i.e. *Euxiphidiopsis erromena* Shi & Mao **sp. nov.**, and *Euxiphidiopsis damingshanensis* **sp. nov.** The type material is deposited in the Museum of Hebei University, Baoding, P. R. China.

Key words: Meconematinae, *Euxiphidiopsis*, new species, China

Introduction

The genus *Euxiphidiopsis* is established by Gorochov in 1993 as a subgenus of the genus *Xiphidiopsis*, which is raised generic level by Liu and Zhang in 2000. Gorochov and Kang (2005) erected one new genus, i.e. *Paraxizicus* Gorochov & Kang, 2005, but the name *Paraxizicus* has been used by Liu in 2004 as a subgenus of the genus *Xizicus*, the former is a homonym. Liu, Zhou & Bi (2010) think that all of the species of the genus *Paraxizicus* belong to the genus *Euxiphidiopsis* Gorochov, 1993.

The genus *Euxiphidiopsis*, distributed in Vietnam and China, includes 14 species, of which ten species are recorded in China, i.e. *Euxiphidiopsis brevicercus* (Gorochov & Kang, 2005), *Euxiphidiopsis capricercus* (Tinkham, 1943), *Euxiphidiopsis forcipus* (Shi & Chen, 2002), *Euxiphidiopsis lacusicercus* (Shi, Zheng & Jiang, 1995), *Euxiphidiopsis sinensis* (Tinkham, 1944), *Euxiphidiopsis singulus* (Shi, Bian & Chang, 2011), *Euxiphidiopsis spathulata* (Mao & Shi, 2007), *Euxiphidiopsis trilobus* (Shi, Bian & Chang, 2011), *Euxiphidiopsis nigrovittata* (Bey-Bienko, 1962), *Euxiphidiopsis quadridentata* Liu & Zhang, 2000.

The paper remarks the generic diagnosis of *Euxiphidiopsis*, and describes two new species from Guangxi, China. The type material is deposited in the Museum of Hebei University, Baoding, P. R. China.

Euxiphidiopsis Gorochov, 1993

Xiphidiopsis (*Euxiphidiopsis*) Gorochov. 1993. *Zoosyst. Rossica*, 2(1): 66; Type species: *Xiphidiopsis* (*Euxiphidiopsis*) *motshulskyi* Gorochov, 1993.

Euxiphidiopsis Liu & Zhang, 2000. *Entomotaxonomia*, 22 (3): 157; Liu, Zhou & Bi. 2010. In: Xu, H.-C. & Ye, T.-X. (Eds.) *Insects of Fengyangshan National Nature Reserve*, 82.

Paraxizicus Gorochov & Kang, 2005. In: Gorochov, Liu & Kang, *Oriental Insects*, 39: 71; Mao & Shi. 2007. *Zootaxa*, 1474: 63; Shi, Bian & Chang, 2011. *Zootaxa*, 2896: 37; Type species: *Paraxizicus brevicercus* Gorochov & Kang, 2005.

Generic diagnosis. Body medium size in Meconematinae. Head hypognathous; fastigium verticis conical, dorsally furrowed; eyes globular, protruding anteriorly; apical segment of maxillary palpus almost as long as subapical one, apex enlarged. Pronotum with an obviously posterior transverse sulcus, humeral sinus indistinct. Thoracic auditory spiracle completely free. Tegmina long, surpassing apices of postfemora; hind wings a little longer than tegmina.



FIGURE 2. A–G. *Euxiphidiopsis damingshanensis* Shi & Han sp. nov., male: A–B. pronotum: A. dorsal view; B. lateral view; C–E. apex of abdomen: C–D. dorsal view; E. lateral view; F. apices of cerci, lateral view; G. subgenital plate, ventral view; H–K. *Euxiphidiopsis spatulata* (Mao & Shi, 2007), paratype (male): H. pronotum, dorsal view; I, K. apex of abdomen: I. lateral view; K. dorso-lateral view; J. posterior process of tenth abdominal tergite, ventral view.

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