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## One new species of the genus *Kuzicus* (Orthoptera: Tettigoniidae: Meconematinae) from Yunnan, China

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### Abstract

One new species is described, i.e. *Kuzicus* (*Kuzicus*) *compressus* Han & Shi sp. nov. The type species is preserved in the Museum of Hebei University.

**Key words:** Meconematini, *Kuzicus*, new species, China

### Introduction

The genus *Kuzicus* was established by Gorochov (1993), and was divided into two subgenera: *Kuzicus* and *Neokuzicus*. The type species is *Teratura suzukii* Matsumura & Shiraki, 1908. He transferred *Xiphidiopsis denticulatus* Karny, 1926 and *Xiphidiopsis cervicercus* Tinkham, 1943 to the subgenus *Kuzicus* (*Kuzicus*), and described one new species, *Kuzicus* (*Neokuzicus*) *ivarovi*. Ingrisch & Shishodia (2000) erected another new subgenus *Parakuzicus*, and described two new species: *Kuzicus* (*Parakuzicus*) *cervicus* and *Kuzicus* (*Parakuzicus*) *excavatus*, and transferred *Xiphidiopsis forficatus* Bolívar, 1900 to the subgenus *Kuzicus* (*Parakuzicus*). Mao *et al.* (2009) reviewed the genus *Kuzicus* from China, and reported one new species, *Kuzicus* (*Kuzicus*) *multifidous* Mao & Shi, 2009. Up to now, the genus *Kuzicus* includes 3 subgenera and 13 species all over the world (Bolívar, 1900; Matsumura & Shiraki, 1908; Tinkham, 1943; Gorochov, 1993; Ingrisch & Shishodia, 1998; Ingrisch & Shishodia, 2000; Sanger & Helfert, 2004; Sanger & Helfert, 2006a, 2006b; Ingrisch, 2006; Mao *et al.*, 2009).

This paper describes one new species. The type specimen is preserved in the Museum of Hebei University.

Morphological images were acquired using Leica DFC 450 digital imaging system.

The following conventions were adopted for the specimen measurements:

Body—the distance from apex of fastigium of vertex to the posterior margin of tenth abdominal tergite; tegmen—the distance from the base of tegmen to the apex; hind femur—the distance from base of postfemur to the apex of genicular lobe.

### *Kuzicus* (*Kuzicus*) *compressus* Han & Shi sp. nov.

Figs. A–I.

### Description. Male.

*Head.* Fastigium of vertex conical, apex obtusely rounded, with a longitudinal sulcus dorsally. Eyes globular, protruding outward. Maxillary palpi long, apical segment almost equal to subapical one, apex widened.

*Thorax.* Pronotum short, anterior margin slightly projecting in middle, posterior margin obtusely rounded; humeral sinus indistinct, metazona raised. Thoracic auditory spiracle peanut-shaped, exposed.

*Legs.* Fore and middle legs broken. Hind femora without spines on ventral surface. Hind tibiae with 24 internal spines and 26 external spines on dorsal surface, 1 pair of ventral apical spurs and 2 pairs of dorsal apical spurs.

*Wings.* Tegmina narrowly long, surpassing apices of hind femora, apices rounded; hind wings longer than tegmina.

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## References

- Bolívar, I. (1900) [1899] Les Orthoptères de St-Joseph's College à Trichinopoly (Sud de l'Inde). *Annales de la Société Entomologique de France*, 68, 761–812.
- Gorochov, A.V. (1993) A contribution to the knowledge of the tribe Meconematini (Orthoptera: Tettigoniidae). *Zoosystematica Rossica*, 2 (1), 63–92.
- Ingrisch, S. (2006) Two new species of Xiphidiopsini (Orthoptera, Tettigoniidae, Meconematinae) from Sumatra in the collection of the Museo Civico di Storia Naturale "G. Doria", Genova. *Doriana*, 7 (348), 1–8.
- Ingrisch, S. & Shishodia, M.S. (1998) New species and records of Tettigoniidae from India (Ensifera). *Mitteilungen der Münchner Entomologischen Gesellschaft*, 71 (3–4), 355–371.
- Ingrisch, S. & Shishodia, M.S. (2000) New taxa and distribution records of Tettigoniidae from India (Orthoptera: Ensifera). *Mitteilungen der Münchner Entomologischen Gesellschaft*, 90, 5–37.
- Mao, S.-L., Huang, Y. & Shi, F.-M. (2009) Review of the genus *Kuzicus* Gorochov, 1993 (Orthoptera: Tettigoniidae: Meconematinae) from China. *Zootaxa*, 2137, 35–42.
- Matsumura, S. & Shiraki, T. (1908) Locustiden Japans. *Journal of the College of Agriculture, Tohoku Imperial University*, 3 (1), 1–80.
- Sänger, K. & Helfert, B. (2004) Four new species and records of Meconematinae in Thailand (Insecta, Ensifera, Tettigoniidae). *Senckenbergiana Biologica*, 84 (1–2), 45–58.
- Sänger, K. & Helfert, B. (2006a) Additional notes on the genus *Kuzicus* Gorochov, 1993 (Meconematinae: Tettigoniidae: Ensifera) from Thailand. *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen*, 58, 61–65.
- Sänger, K. & Helfert, B. (2006b) Two new species of Meconematinae (Ensifera: Tettigoniidae) from Thailand. *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen*, 58, 53–66.
- Tinkham, E.R. (1943) New species and records of Chinese Tettigoniidae from the Heude Museum, Shanghai. *Notes d'Entomologie Chinoise*, 10, 33–66.
- Yamasaki, T. (1982) Some new or little known species of the Meconematinae (Orthoptera, Tettigonidae) from Japan. *Bulletin of the National Science Museum Series A(Zoology)*, Tokyo, 8 (3), 119–130.