



# Article

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## A revision of the genus *Pseudocosmetura* (Orthoptera: Tettigoniidae: Meconematinae)

FU-MING SHI\* & XUN BIAN

College of Life Sciences, Hebei University, Baoding, 071002, P. R. China, \*E-mail: shfmi@yahoo.com.cn, shif\_m@126.com

### Abstract

The paper deals with two new species of the genus *Pseudocosmetura* from China, i. e. *Pseudocosmetura nanlingensis* **sp. nov.** and *Pseudocosmetura curva* **sp. nov.** Photographs of two known species, a key to the species of the genus and a distribution map are provided.

**Key words:** *Pseudocosmetura*, Meconematinae, Tettigoniidae, revision

### Introduction

The genus *Pseudocosmetura* is a brachypterous member of the tribe Meconematini. It was established by Liu, Zhou & Bi in 2010, with type species *Pseudocosmetura fengyangshanensis* Liu, Zhou & Bi, 2010 (type locality, Fengyangshan, Zhejiang). They thought that the genus also includes *Pseudocosmetura anjiensis* (Shi & Zheng, 1998) (type locality: Anji, Zhejiang) and *Pseudocosmetura multicolora* (Shi & Du, 2006) (type locality: Fanjingshan, Guizhou). We examined the type specimens of the two species, and agree with this view.

The paper includes two new species, *Pseudocosmetura nanlingensis* **sp. nov.** and *Pseudocosmetura curva* **sp. nov.** Photographs and key to the species are provided along with distributional details. The type material is deposited in the Museum of Hebei University.

### *Pseudocosmetura* Liu, Zhou & Bi, 2010

*Pseudocosmetura* Liu, Zhou & Bi, 2010. Orthoptera: Tettigonioidae. In: Xu H.-C. & Ye X.-X. (Eds.). *Insects of Fengyangshan National Nature Reserve*: 79, 87.

**Generic diagnosis.** Body small, brachypterous. Fastigium verticis conical, apex obtusely rounded, furrowed in midline. Apical segment of maxillary palpi slightly longer than subapical one, apex slightly swollen. Male pronotum moderately protruding, posterior margin of lateral lobes comparatively widened; humeral sinus absent. All femora without spines on ventral margins, pro- and mesotibiae with spines on ventral margin, tibial tympana open on both sides; apices of genicular lobes obtuse, posttibiae with a pair of dorsal apical spurs and a pair of ventral apical spurs. Male tegmina covered by pronotum, or slightly surpassing posterior margin of pronotum; female tegmina ovoid, separated; hind wings absent. Male tenth abdominal tergite normal, epiproct distinct or absent; cerci long; subgenital plate with styli; genitalia sclerotized, shorter, usually concealed in dorsal view. Ovipositor with basal area stout, moderately curved upwards, apex acute.

### Key to the species (males)

- 1 Cerci with basal half stout, or 1/3 basal area stout, other area thin. . . . . 2
- Cerci narrowing, or middle area slightly broadened. . . . . 3