



<http://dx.doi.org/10.11646/zootaxa.3681.2.5>

<http://zoobank.org/urn:lsid:zoobank.org:pub:9CCE0E25-3942-4C7C-9BC1-3BD46B78EE0C>

A new genus and two new species of the tribe Meconematini (Orthoptera: Tettigoniidae) from China

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Abstract

The study deals with one new genus and two new species, i. e. *Allicyrtaspis* **gen. nov.**, *Allicyrtaspis globosis* **sp. nov.** and *Allicyrtaspis conicicersus* **sp. nov.** from China, and provides generic and species descriptions and diagnoses.

Key words: Meconematini, new genus, new species, China

Introduction

The tribe Meconematini includes brachypterous groups, about 20 genera of which are distributed in Asia (Gorochov, 1993, 1998, 2008; Liu, 2000; Liu, Zhou & Bi, 2010). The Chinese fauna of the brachypterous groups deals with some genera and species (Xia & Liu, 1993; Liu, 2000; Liu & Zhou, 2007; Liu & Zhang, 2007; Liu & Bi, 2008; Liu, Zhou & Bi, 2010; Bian, Shi & Chang, 2012; Wang, Li & Liu, 2012), most of which are endemic to China.

The tribe Meconematini is very diverse and genera and species have very limited distributions (Gorochov, 2008). The brachypterous groups, it was confirmed by our investigations, occur only in the restricted, suitable habitats.

This article presents one new genus and two new species, *Allicyrtaspis* Shi, Bian & Chang **gen. nov.**, *Allicyrtaspis globosis* Shi, Bian & Chang **sp. nov.** and *Allicyrtaspis conicicersus* Shi, Bian & Chang **sp. nov.** The type specimens are deposited in the Museum of Hebei University.

Methods

The new species described were collected by net sweeping during the day, along edges of streams and roads within the forest.

In the descriptions below the following conventions were adopted for specimen measurements: body—the distance from apex of fastigium verticis to posterior margin of tenth abdominal tergite; tegmen—the visible distance from base of tegmen to the apex in lateral view; postfemur—the distance from base of postfemur to the apex of genicular lobe.

Allicyrtaspis Shi, Bian & Chang **gen. nov.**

Generic diagnosis. Body small, robust, but comparative large for the tribe Meconematini. Head short and stout, fastigium frontis slightly inclined. Fastigium verticis conical, apex obtusely rounded, with median sulcus. Apical segment of maxillary palpus slightly longer than subapical one, the apex slightly swollen. Male pronotum extended posteriorly. Disc of pronotum flat, metazona not raised; anterior and median transverse sulci indistinct, posterior transverse sulcus distinct; posterior margin of paranota slightly broadened; humeral sinus absent. Pro- and