



A taxonomic study on the species of the genus *Phlugiolopsis* Zeuner (Orthoptera, Tettigoniidae, Meconematinae)

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Abstract

A taxonomic study of genus *Phlugiolopsis* Zeuner, 1940 is presented and 8 new species are described. A new key to all species of the genus is provided. All type specimens are deposited in the SEM (Shanghai Entomological Museum, CAS.) and Bishop Museum (U.S.A.).

Key words: Orthoptera, Tettigoniidae, Meconematinae, taxonomy, *Phlugiolopsis*, new species

Introduction

The genus *Phlugiolopsis* Zeuner, 1940 is a small genus in Meconematini, a tribe of the Meconematinae. There are 9 species worldwide, mainly distributed in the Oriental Region. There are 7 species in China (Shi *et* Ou, 2005), but one of the species *Phlugiolopsis platycata* described by Shi *et* Zheng (1994), must be transferred to the genus *Acosmetura* Liu, 2000 (Liu, Zhou *et* Bi, 2008). In this paper 8 new species of *Phlugiolopsis* are described. Some figures of the species for which we have not seen specimens are modified from the original authors. A key to the known 17 species *Phlugiolopsis* is provided. The material is deposited in the SEM (Shanghai Entomological Museum, CAS.) and Bishop Museum (U.S.A.).

Phlugiolopsis Zeuner, 1940

Phlugiolopsis Zeuner, 1940: 77; Beier, 1966: 286; Harz, 1969: 178; Yamasaki, 1986: 353; Jin *et* Xia, 1994:26; Kano, 1999:5; Shi *et* Ou, 2005: 358.

Acyrtaspis Bey-Bienko, 1955: 1261; Beier, 1966: 281; Gorochov, 1993: 87.

Type species: *Phlugiolopsis henryi* Zeuner, 1940

Body small, brachypterous. Fastigium of vertex conical with groove dorsally. Eyes circular, produced. Last segment of maxillary palpi longer than or equal with the preceding one. Pronotum extending posteriorly, ventral surface of lateral lobe without humeral sinus in hind margin. Auditory foramina of fore tibiae open on both sides. Hind tibiae with 3 pairs of apical spurs. Male tegmina shortened, with stridulating vein. Subgenital plate of male with hind margin produced, styli subapical, genitalia entirely membranous. Ovipositor short and heavy, ventral valve with apical hook. Body pale brown, head with 4 dark brown longitudinal lines dorsally, apex of hind femora darkened.