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A new genus and species of the leafhopper subtribe *Paraboloponina* from China (Hemiptera, Cicadellidae)

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Abstract

A new leafhopper genus and species *Forficus maculatus* Qu **gen. nov., sp. nov.** of the subtribe *Paraboloponina* (Deltocephalinae, Drabescini) are described from China. A checklist to the *Paraboloponina* from China is given and a key to genera is provided.

Key words: Auchenorrhyncha, Deltocephalinae, Drabescini, taxonomy, morphology, checklist, key

Introduction

The higher taxon based on *Parabolopona* Matsumura was reviewed from the Oriental region by Zhang and Webb (1996) and treated as a tribe (*Paraboloponini*) of *Selenocephalinae*. The group, primarily distinguished by the striated foremargin of the head and long antennae situated near the anterodorsal corners of the eyes, was subsequently placed as a subtribe of *Drabescini* of *Deltocephalinae* by Dmitriev (2004) and Zahniser & Dietrich (2010, 2013). Work on the group since Zhang & Webb (1996) has resulted in the description of several new taxa, mainly from China (see checklist). So far, *Paraboloponina* contains 39 known genera, including 16 genera from China. *Omanellinus* Zhang (Zhang *et al.* 1999) was incorrectly placed in *Selenocephalini* by Zahniser & Dietrich (2013) and is here returned to *Paraboloponina*.

Some *Paraboloponina*, i.e., *Parabolopona* Matsumura, *Tenompoella* Zhang & Webb and *Omanellinus*, are unusual in having the aedeagus disassociated from the connective and the latter extended posteriorly. This feature is found in only a few other *Deltocephalinae*, e.g., *Scaphoideus* Uhler, *Hecaloidella* Osborn and *Scaphytopius* Ball. In the present work, a new genus with one new species of *Paraboloponina* from China, with similar aedeagus and connective, is described and illustrated. A checklist to the Chinese *Paraboloponina* and key to genera are provided.

Material and methods

Morphological terminology follows Zhang & Webb (1996) as modified by Rakitov (1998) for leg chaetotaxy.

The type specimens of the new species are deposited in the Institute of Entomology, Guizhou University, Guiyang, China (GUGC) and one paratype in the Natural History Museum, London, England (BMNH).

Taxonomy

Checklist of subtribe *Paraboloponina* from China

External morphology. As in generic description.

Male genitalia. As in generic description with pygofer lobe (Fig. 11) broadly truncate in lateral view. Valve (Fig. 10) short and broad. Connective (Figs 13, 15) with arms of bifurcated posterior extension long, slightly divergent. Style with lateral lobe broadly rounded. Aedeagal shaft (Figs 13, 14) slightly sinuate in lateral view, processes short nearly straight, directed ventrally parallel to shaft.

Female. Unknown.

Material examined. Holotype, ♂, CHINA: Zhejiang Province, Fengyangshan National Natural Reserve, 28–VII–2009, collected by Yong Chen; Paratypes, 1 ♂, same data as holotype; 1 ♂, CHINA: Guizhou Province, Leigongshan National Natural Reserve, 2–VI–2005, collected by Zai-Hua Yang; 1 ♂, Guangdong Province, Lianshan County, Nanlingdianzhan, 7–VIII–2006, collected by Zai-Hua Yang.

Distribution. China (Zhejiang, Guangdong and Guizhou Provinces)

Etymology. The new species name is derived from the Latin word “*maculatus*”, indicating the black spots on the head.

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