



## Review of the leafhopper tribe Goniagnathini (Hemiptera: Cicadellidae: Deltocephalinae) from China

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### Abstract

The leafhopper tribe Goniagnathini (Cicadellidae: Deltocephalinae) is reviewed from China. Seven species are recognised and a key provided for the six species for which males are known. One new species, *Goniagnathus cornutus* sp. n., is described and *Megalopsius tamaricius* Cai, is transferred to *Tamaricades*, **comb. nov.**

**Key words:** Taxonomy, Homoptera, Auchenorrhyncha, leafhopper, new species, China

### Introduction

By virtue of their squat appearance and short and broad head (Fig. 7) members of cicadellid tribe Goniagnathini are some of the most conspicuous leafhoppers of the subfamily Deltocephalinae. Similarly, their male genitalia are distinctive, having fused subgenital plates and valve (Figs 1–6B), fused aedeagus and connective, the latter with arms close to each other (Figs 1–6D, 1–6E) and styles usually with a transverse fracture at midlength (Figs 1–6C). Of the three genera included in the tribe, two, *Goniagnathus* Fieber and *Tamaricades* Emeljanov, occur in China and are revised in the present work. In total, seven of the eight valid species are treated (one new) and a key is provided for their separation. One species, *G. formosanus* Matsumura, 1913: 69, plate 8, fig. 22, known only from the female, is not treated further. Other regional studies of the tribe, all for species of *Goniagnathus*, include Linnavuori (1978) (Africa), Dash & Viraktamath (2001) and Viraktamath & Gnaneswaran (2009) (India) and Fletcher & Zahniser (2008) (Australia). Morphological terminology follows Kuoh (1966) and Zhang (1990)

### Depositories

The material examined is deposited in the Entomological Museum of Northwest A & F University (NWAUFU), Zhongshan University (ZSU), Guangdong Entomological Institute (GDEI), Hebei University (HU), Jiangxi Agricultural University (JXAU) and Shanghai Entomological Museum, Chinese Academy of Sciences (SHEM).

### Checklist of Chinese Goniagnathini

*Goniagnathus* Fieber s. str.  
*brevis* (Herrich-Schäffer)