



Review of the leafhopper genus *Jilinga* Ghauri (Hemiptera: Cicadellidae: Deltocephalinae: Paralimnini), with description of two new species from China

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Abstract

The leafhopper genus *Jilinga* Ghauri (Cicadellidae: Deltocephalinae: Paralimnini) is reported for the first time from China and two new species, *Jilinga linzhiensis* **sp. nov.** and *Jilinga asymmetrica* **sp. nov.** are described and illustrated. A key is given to distinguish all species of the genus.

Key words: Homoptera, morphology, taxonomy, distribution

Introduction

The paralimnine leafhopper genus *Jilinga* Ghauri was established by Ghauri (1974) with *Deltocephalus darjilingensis* Distant, 1918 as its type species. Ghauri (1974) also proposed that two other species, *Deltocephalus mota* Pruthi, 1936, and *Deltocephalus gopii* Pruthi, 1936, may belong to this genus and Webb & Heller (1990) placed them in *Jilinga*. Webb & Viraktamath (2009) retained both species in *Jilinga* and Khatri & Webb (2010) also listed *Jilinga gopii* (Pruthi).

Here this genus is reported for the first time from China and two new Chinese species: *Jilinga linzhiensis* **sp. nov.** and *Jilinga asymmetrica* **sp. nov.** are described and illustrated. The type specimens of the new species are deposited in the Institute of Entomology, Guizhou University, Guiyang, China (GUGC). The specimens of *J. gopii* (Pruthi) and *J. darjilingensis* (Distant) examined in this study are deposited in the University of Agricultural Sciences, Bangalore, India (UASB) This genus now contains four species and the placement of *Deltocephalus mota* in the genus is not confirmed (see below). A key is given to separate these species.

Jilinga Ghauri

Jilinga Ghauri, 1974: 51; Webb & Heller 1990: 8

Type species: *Deltocephalus darjilingensis* Distant, 1918

Description. Head anteriorly triangularly produced, wider than pronotum. Eyes large, ocelli on anterior margin, separated from corresponding eye by approximately their own diameter. Face with dark, transverse streaks. Frontoclypeus narrow, anteclypeus slightly narrowed apically. Antennae arising near lower corner of eye. Pronotum with sides short, anterior margin strongly and roundly produced, posterior margin approximately straight. Scutellum triangular, slightly shorter than median length of pronotum, with transverse suture curved and depressed. Forewings with four apical cells and three subapical cells, appendix present.

Male genitalia. Male pygofer side slightly longer than high, with few stout setae, posteroventral margin with or without process. Anal tube sclerotized in anterior region, with long process. Valve subtriangular. Subgenital plate