



## A new species of the leafhopper genus *Multiformis* Li & Li (Hemiptera: Cicadellidae: Evacanthinae) from China

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### Abstract

The species of the Oriental leafhopper genus *Multiformis* Li & Li are reviewed. A new species, *Multiformis ramosus* sp. nov., from Yunnan Province, China is described and a key to all known species of *Multiformis* is provided.

**Key words:** Homoptera, Auchenorrhyncha, morphology, taxonomy, Oriental

### Introduction

Evacanthinae is a relatively small subfamily of Cicadellidae distributed worldwide. Oman *et al.* (1990) placed Evacanthini as a tribe in the subfamily Cicadellinae, but Dietrich (2004) reinstated this group to subfamily status and included four tribes: Evacanthini, Nirvanini, Balbillini and Pagaroniini. The tribe Evacanthini is distributed both in the Holarctic and the Oriental regions, but the diversity of genera is greatest in the Oriental region (Oman *et al.*, 1990). The Oriental evacanthine genus *Multiformis* was established by Li & Li in 2012, with *Multiformis longlingensis* Li & Li as the type species, and another species, *M. nigriifacialis*, was described.

A new species from Yunnan Province, China is here described and illustrated. A key to all known species of *Multiformis* is given. Currently three species are included in the genus. The specimens used in this study are deposited in the Institute of Entomology, Guizhou University, Guiyang, China (GUGC).

### *Multiformis* Li & Li

*Multiformis* Li & Li, 2012: 53

**Type species:** *Multiformis longlingensis* Li & Li.

**Distribution.** China (Yunnan).

**Remarks.** *Multiformis* Li & Li is very similar to *Angustella* Li externally, but it can be distinguished from the latter by: 1) male pygofer side without ventral process; 2) aedeagus with well developed lateral and ventral processes.

For a detailed generic description see Li & Li (2012).

### Key to species of the genus *Multiformis* based on male adults

1. Face not entirely black, lateral area of frontclypeus, median frontal carina and anteclypeus black; ventral processes of aedeagus not forked ..... *Multiformis longlingensis* Li & Li

Fan Zhihua. Paratypes: 2♂1♀, same data as holotype.

**Host plant.** Unknown.

**Etymology.** The species name is derived from the Latin word *ramosus* (ramal), indicating the shape of the paired lateral processes of the aedeagus.

**Remarks:** This species resembles *Multiformis nigrifacialis* Li & Li, but it can be distinguished by the shape of its paired lateral aedeagal processes (Fig. 1).

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