



Two new species of *Yangisunda* Zhang (Hemiptera: Cicadellidae: Typhlocybinae: Zyginellini) from China, with a key to species

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Abstract

Species of the genus *Yangisunda* Zhang from China are reviewed and two new species, *Yangisunda apicibicruris* and *Y. bisbifudusa* **sp. nov.** are described and illustrated. A key to seven species of *Yangisunda* is provided along with a species checklist.

Key words: Hemiptera, Auchenorrhyncha, taxonomy, new species, China

Introduction

Typhlocybinae is one of the larger subfamilies in Cicadellidae. Species in this subfamily feed on trees and shrubs. The body is small and the forewing has four apical cells.

Zyginellini is one of the smaller tribes in Typhlocybinae. Some species harm economic crops including apple, citrus and walnut trees. This includes *Zyginella mali* (Yang) and *Zyginella minuta* (Yang) which damage apple trees. Members in this tribe usually have bright coloration and distinct patterns. Most lack ocelli. Compared with other tribes of Typhlocybinae, the main diagnostic characters of Zyginellini are: vannal veins in hind wing separate apically, only one transverse vein visible and submarginal vein extended directly to vein CuA, forming one open apical cell. Zyginellini is related to Typhlocybini.

The Oriental leafhopper genus *Yangisunda* was erected by Zhang (1990) with *Y. ramosa* from Hunan, China as its type species. Another four species from Yunnan, China, were added to the genus by Huang, Zhang & Shen (2003). Up to now, five species have been recorded. In the present paper, two new species, *Y. apicibicruris* **sp. nov.** from Yunnan, China, *Y. bisbifudusa* **sp. nov.** from Fujian, China, are described and illustrated. A checklist and a key to all species are given. The type specimens of the new species are deposited in the collections of the Entomological Museum, Northwest A & F University, Yangling, China.

Yangisunda Zhang, 1990

Yangisunda Zhang, 1990: 182; Zhang, Huang *et* Shen, 2003: 99

Type species: *Yangisunda ramosa* Zhang, 1990

Description. Vertex conically produced, middle length longer than distance between eyes. Pronotum broad, with anterior margin roundly produced and posterior margin slightly concave. Scutellum approximately triangular, middle length as long as pronotum; coronal suture short and distinct. Forewing semitransparent, hind margin of brochosome field with oblique black brown or brown stripe, apical margin broadly bordered with brown area, third apical cell long and narrow, often with a distinct dark spot.