



## New species and new records of the leafhopper genus *Aguriahana* Distant (Hemiptera: Cicadellidae: Typhlocybinae) from China

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### Abstract

Nine new species of *Aguriahana* Distant are described and illustrated: *A. digitata*, *A. singularis*, *A. simplex*, *A. longicorna*, *A. tripodata*, *A. reticornis*, *A. furcata*, *A. dilatata* and *A. recurva* **spp. nov.** Three previously described species, *A. uncinata* (Vilbaste), *A. paivana* (Distant) and *A. distanti* Dworakowska are newly recorded from China. A checklist and key to the 34 species known from China are provided.

**Key words:** Homoptera, Typhlocybini, morphology, taxonomy, distribution

### Introduction

The genus *Aguriahana* was erected by Distant (1918) with *Aguriahana metallica* Distant as its type species. Dworakowska (1972) reviewed the genus based on type-specimens of almost all species not previously revised and provided a checklist and key to 19 species, redescribed the genus, proposed six synonyms, discussed the variability of features within the genus and commented on the origin, formation and vicariance of the fauna. Thereafter, 16 species were reported from China together with a checklist and key to species (Zhang *et al.*, 1992). Until now, there have been 48 species described worldwide (22 from China). These may be divided into 4 groups according to the color pattern of the forewings (pers. comm. I. Dworakowska): *quercus* group, *germari* group, *sinica* group and *stellulata* group. The diagnosis of each group is as follows: *quercus* group—forewings with 2 brownish long stripes, one at corium area along claval furrow and other at outer margin of clavus; pygofer side with long process caudoventrally; subgenital plate broad with rounded apex; *germari* group—color of forewing uniform without patches or stripes; upper lobe of pygofer side strongly sclerotized and shaped variously; *sinica* group—basal part of forewing without patches or stripes and distinctly different from distal part; *stellulata* group—forewings with various stripes and patches forming complex pattern.

In the present paper, we treat 12 species of *Aguriahana* from China including 3 new records and 9 new species. All new species are described and illustrated. A checklist and key to the Chinese species is given updating Zhang, Chou and Huang (1991). Terminology of the venation is taken from Dworakowska (1993).

The type specimens of new species are deposited in the collections of the Entomological Museum of Northwest A&F University (NWAUFU) in Yangling (Shaanxi).

### *Aguriahana* Distant 1918

*Aguriahana* Distant, 1918: 105, Type-species: *Aguriahana metallica* Distant, 1918  
*Kashitettix* Ishihara, 1952: 60, Type-species: *Eupteryx quercus* Matsumura, 1917  
*Eupteroidea* Young, 1952: 92, Type-species: *Typhlocyba stellulata* Burmeister, 1841  
*Asymmetropteryx* Dlabola, 1958: 52, Type-species: [*Typhlocyba*] *pictilis* Stael, 1853