



## First records of the genera *Chagria* and *Davmata* from China (Hemiptera: Cicadellidae: Typhlocybinae: Erythroneurini), with descriptions of two new species

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### Abstract

Two oriental genera of Erythroneurini, *Chagria* Dworakowska and *Davmata* Dworakowska, are reported from China for the first time, each based on a new species: *Chagria camptoprocessa* and *Davmata falcata* **spp. nov.** Illustrations and keys to males for each genus are provided.

**Key words:** Hemiptera, Cicadomorpha, leafhoppers, morphology, taxonomy, China

### Introduction

Dworakowska (1994) established the erythroneurine leafhopper genus *Chagria* based on the type species, *Typhlocyba sikkimensis* Datta & Ghosh (1973) from Sikkim. The genus *Davmata* was established by Dworakowska (1979) with type-species *Davmata neka* Dworakowska from Vietnam. So far, there have been no further reports on these two genera. In this paper, *Chagria* and *Davmata*, are reported for the first time from China, and two new species, *C. camptoprocessa* and *D. falcata* **spp. nov.**, have been studied and illustrated. Keys to species for both genera are provided.

### Material and methods

All the specimens examined are deposited in the Entomological Museum, Northwest A&F University, Yangling, Shaanxi, China (NWAUFU). Morphological terminology used follows Young (1952) except for the nomenclature of the wing following Dworakowska (1993). Habitus photos were taken by using a Scientific Digital micrography system equipped with an Auto-montage imaging system and a Q-IMAGING Retiga 2000R digital camera (CCD) and compressed into final images. Abdomens and genitalia were removed from specimens and cleared in 10% KOH solution heated for 1–2 minutes. Cleared material was then rinsed in water and stored in glycerine. A Nikon SMZ1500 compound microscope was used for viewing and an Olympus BH-2 stereoscopic microscope for drawing.

### *Chagria* Dworakowska, 1994

*Chagria* Dworakowska, 1994: 113

Type-species: *Typhlocyba sikkimensis* Datta & Ghosh, 1973, original designation