



Five new leafhopper species of the genus *Typhlocyba* Germar (Hemiptera: Cicadellidae: Typhlocybinae) from China

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Abstract

Five species, *T. napoensis*, *T. bilaminata*, *T. serrata*, *T. triannulata* and *T. tubercula* **spp. nov.**, of genus *Typhlocyba* Germar from China are described and illustrated. A key to males of Chinese *Typhlocyba* species is provided.

Key words: taxonomy, key, description, distribution, illustration

Introduction

Typhlocyba is a large leafhopper genus with about 100 species distributed throughout the northern hemisphere. In addition, some genera previously treated as subgenera of *Typhlocyba* now belong to the *Typhlocyba* complex, such as *Empoa* Fitch (Hamilton, 1983), *Edwardsiana* Zachvatkin (Hamilton 1983, Vidano 1961), *Eupterycyba* Dlabola (Dlabola, 1958) and *Ficocyba* Vidano (Vidano, 1960). Oriental, Holarctic and African species of *Typhlocyba* were reviewed by Dworakowska (1979), who also redefined the genus and proposed four groups i.e., the *quercus*, *arborea*, *aptera* and *ethiopica* groups, to accommodate 39 species. According to Dworakowska's definition there are 18 known species of *Typhlocyba* in Asia and 4 known species in China: *T. aptera* Dworakowska 1979, *T. babai* Ishihara 1958, *T. quercussimilis* Dworakowska 1967 and *T. quadripeticularis* Chiang, Hsu et Knight 1989. Here, we add five new species to the genus, of which one belongs to the *quercus* group, one belongs to *aptera* group and three belong to the *arborea* group. The new species are described and illustrated and a key to males from China and their groups is provided. The types and other specimens examined are deposited in the Northwest A&F University, Yangling, China (NWAUFU), the Institute of Zoology of Academia Sinica, Beijing, China (IZAS), and a few paratypes in the Natural History Museum, London (BMNH).

Typhlocyba Germar, 1833

Typhlocyba Germar, 1833: 180; Anufriev 1973: 505; Dworakowska 1979: 195.

Anomia Fieber 1866a: 509.

Type species: *Cicada quercus* Fabricius.

Diagnosis. Body slim and usually brightly colored, orange, yellowish-orange or reddish-orange. Head produced medially, median length usually longer than width between eyes. Forewing with 3rd apical cell triangu-