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Some new species and new record of the genus *Arboridia* Zachvatkin (Hemiptera: Cicadellidae: Typhlocybinae) from six provinces of China

YUE-HUA SONG^{1,2,3} & ZI-ZHONG LI^{1,4}

¹Institute of Entomology, Guizhou University, Guiyang, Guizhou 550025, China

²Institute of South China Karst, Guizhou Normal University, Guiyang, Guizhou 550001, China

³The State Key Laboratory Incubation Base for Karst Mountain Ecology Environment of Guizhou Province, Guiyang, Guizhou 550001, China. E-mail: songyuehua@163.com

⁴Corresponding author. E-mail: lizizhong38@163.com

Abstract

In the present paper, nine new species, *Arboridia anteoculara*, *A. baiyunensis*, *A. reniformis*, *A. lunula*, *A. cuihuashana*, *A. paraprocessa*, *A. echinata*, *A. tridentata*, *A. zhenyuana* **spp. n.** and a new record, *A. agrillacea* from China, are described and illustrated and a key for identification of Chinese species is provided.

Key words: Hemiptera, morphology, Erythroneurini, taxonomy

Introduction

The leafhopper genus *Arboridia* Zachvatkin, 1946 belongs to the tribe Erythroneurini of subfamily Typhlocybinae with *Typhlocyba parvula* Boheman, 1845 as its type species. *Arboridia* consists of two subgenera, *Arboridia* Zachvatkin and *Arborifera* Sohi & Sandhu, and includes more than 60 described species distributed throughout the Oriental and Palaearctic regions. Various species of the genus have been reported as pests of grape, cherry, hawthorn, pear, peach, apple, mulberry, maple, woodbine, dogwood, and several other plants. However, so far, just two species of this genus have been reported in China.

In the present work, nine new species and a new record are described and illustrated with a key to known species from China. Materials studied in this paper are deposited in the Institute of Entomology, Guizhou University, China (GUGC).

Arboridia Zachvatkin, 1946

Arboridia Zachvatkin, 1946: 153

Type species: *Typhlocyba parvula* Boheman, 1845

Khoduma Dworakowska, 1972: 403

Type species: *Khoduma jacobii* Dworakowska, 1972

Description. Dorsum yellow, brown, white or reddish. Color pattern orange, red or brown. Head narrower than pronotum. Crown fore margin weakly produced, broadly rounded apically. Vertex usually with pair of dark preapical spots. Anteclypeus pale, concolorous with rest of face or dark. Pronotum pale or with dark medial vitta or almost entirely dark. Scutellum with lateral triangles dark; apex dark or concolorous with rest of scutellum. Fore wing with or without oblique vittae or with dark spots.

Abdominal apodemes small, extended dorsomesad or large, extended beyond posterior margin of 3rd sternite.

Male genitalia: Pygofer lobe broad and rounded, usually with sparse long fine setae and microtrichia well developed. Pygofer dorsal appendage movably articulated, ventral appendages absent. Subgenital plate with lateral