



<http://dx.doi.org/10.11646/zootaxa.4052.2.2>

<http://zoobank.org/urn:lsid:zoobank.org:pub:EEE19165-7EAD-4F71-A776-485CCC969653>

A review of Chinese tribe Achilini (Hemiptera: Fulgoromorpha: Achilidae), with descriptions of *Paracatonidia webbeda* gen. & sp. nov.

JIAN-KUN LONG¹, LIN YANG¹ & XIANG-SHENG CHEN^{1,2,3}

¹Institute of Entomology, Guizhou University; Special Key Laboratory for Development and Utilization of Insect Resources of Guizhou, Guizhou University, Guiyang, Guizhou, P. R. China, 550025

²College of Animal Sciences, Guizhou University, Guiyang, Guizhou, P. R. China, 550025

³Corresponding author. E-mail: chenxs3218@163.com

Abstract

Planthoppers of the tribe Achilini (Hemiptera: Fulgoromorpha: Achilidae) from China, are reviewed. A key to the three genera of Chinese Achilini is given. A new genus and species of the tribe from southwestern China: *Paracatonidia webbeda* gen. & sp. nov., is described. A new genus and species record for China, *Cixidia kasparyani* Anufriev, is also given.

Key words: Achilid, distribution, Fulgoroidea, new taxa, planthopper

Introduction

The tribe Achilini of the Achilidae was established by Fennah (1950) with a total of eight genera: *Achilus* Kirby, 1818, *Aneipo* Kirkaldy, 1906, *Booneta* Distant, 1907, *Bunduica* Jacobi, 1909, *Catonidia* Uhler, 1896, *Faventilla* Metcalf, 1948, *Flatachilus* Fennah, 1950 and *Nelidia* Stål, 1862. Later, Emeljanov (1992) provided a key to subtribes of Achilini and moved some genera of the Myconini (*Cixidia* Fieber, 1866 and *Epiptera* Metcalf, 1922) and the entire tribe Elidipterini (ten genera in Fennah, 1950) into Achilini. Emeljanov (2005) subsequently described or redescribed a further six genera in the tribe: *Ouwea* Distant, 1907, *Parabunda* Emeljanov, 2005, *Dipsiathus* Emeljanov, 2005, *Epiona* Emeljanov, 2005, *Anabunda* Emeljanov, 2005, *Rhinochloris* Emeljanov, 2005. Guglielmino *et al.* (2010) recently described another new genus *Olmiana* Guglielmino, Bückle & Emeljanov, 2010 from Argentina.

Currently the tribes Achilini, Myconini, Plectoderini and Rhotalini are represented in China. Among these, the Chinese Achilini consisted of only one genus *Catonidia* Uhler, 1896 represented by ten species (Long & Chen, 2012; Chen *et al.*, 1989). In this paper a new genus and species of the tribe Achilini from southwestern China is described and illustrated. Also illustrated is *Cixidia kasparyani* Anufriev, 1983, a new record for China. A key to all three genera of Chinese Achilini is also given.

Material and methods

The morphological terminology and measurements used in this study follow Chen *et al.* (1989) and Yang & Chang (2000). The methods follow Long, Yang & Chen (2015). Specimens examined are deposited in the Institute of Entomology, Guizhou University, Guiyang, China (GUGC).

Key to genera of Chinese Achilini

1. Forewing with two to three irregular apical cross veins, anterior and posterior margins subparallel distad the apex of clavus (Fig. 21); inner side of base of genital styles without a finger-like process (Fig. 26); sheath underdeveloped, slender and narrowing apically (Fig. 27). *Cixidia* Fieber