



A new genus of the tribe Parahiraciini (Hemiptera: Fulgoromorpha: Issidae) from China with the description of two new species

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Abstract

A new issid genus of the tribe Parahiraciini (Hemiptera: Fulgoromorpha: Issidae) is described from China: *Neotetricodes* **gen. nov.**. Two new species, *N. quadrilamina* **sp. nov.** (China: Guizhou, Leigongshan National Natural Reserve) and *N. kuankuoshuiensis* **sp. nov.** (China: Guizhou, Kuankuoshui National Natural Reserve), are described and illustrated. The tribe Parahiraciini is discussed briefly. A key to the genera in the tribe Parahiraciini and a key to species of the genus *Neotetricodes* are given.

Key words: Fulgoroidea, issid, Oriental region, planthopper, *Neotetricodes*

Introduction

The planthopper tribe Parahiraciini (Hemiptera: Fulgoromorpha: Issidae) was erected by Cheng and Yang (1991b) for the genus *Parahiracia* Ôuchi 1940 on the basis of the elongate ovate body and the number of median sensory pits of the meso- and metanotum (10 and 8 each side, respectively) in the 5th instar nymph (Cheng and Yang 1991a, b; Gnezdilov and Wilson 2007). Since then, a number of taxa have been included in the Parahiraciini (Gnezdilov and Wilson 2007; Zhang and Chen 2008, 2009, 2010). The tribe now comprises eleven genera: *Flavina* Stål, 1861, *Mincopius* Distant, 1909, *Fortunia* Distant, 1909, *Narinosus* Gnezdilov & Wilson, 2005, *Bardunia* Stål, 1863, *Scantinius* Stål, 1866, *Pinocchias* Gnezdilov & Wilson, 2005, *Neodurium* Fennah, 1956, *Tetricodes* Fennah, 1956, *Paratetricodes* Zhang & Chen, 2010 and *Fusiissus* Zhang & Chen, 2010, and with 30 species distributed in eastern and southeastern Asia (Wang and Wang 1999; Ran *et al.* 2005; Gnezdilov and Wilson 2007; Zhang and Chen 2008, 2009, 2010; Zhang *et al.* 2010).

In the course of studying materials of the family Issidae from China, a new issid genus of the tribe Parahiraciini is described: *Neotetricodes* **gen. nov.**. Two new species, *N. quadrilamina* **sp. nov.** and *N. kuankuoshuiensis* **sp. nov.**, are described and illustrated. A key to the genera in the tribe Parahiraciini is given.

Material and methods

The morphological nomenclature follows Gnezdilov and Wilson (2005). The genital segments of the examined specimens were macerated in 10% NaOH and drawn from preparations in glycerin using a light microscope. Figures of the specimens were made using Leica MZ12.5. Spinal formula of hind leg means the numbers of spines of the tibia, plus the 1st and 2nd tarsomeres. The abbreviation CuP is used for the Cubitus Posterior vein of the forewing.

Specimens examined are deposited in the Institute of Entomology, Guizhou University, Guiyang, Guizhou Province, China (IEGU).