



Review of the leafhopper genus *Taperus* Li & Wang (Hemiptera: Cicadellidae: Evacanthinae) from China, with description of three new species

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Abstract

The Oriental leafhopper genus *Taperus* Li & Wang and its type species are redescribed, together with three new species, *T. bannaensis*, **sp. n.**, *T. quadragulatus*, **sp. n.** and *T. luchunensis*, **sp. n.**, are described and illustrated. In addition, *T. flavifrons* (Matsumura) (*Onukia*), **comb. n.** is proposed, and *Taperus bimaculatus* Cai & Shen, *T. discolor* Cai & Shen and *T. lanpingensis* Li & Wang are transferred to *Convexana* Li. A checklist and a key to all species of *Taperus* are provided.

Key words: Homoptera, morphology, identification, new combination, Oriental

Introduction

Evacanthinae (*sensu* Dietrich, 2004), a relatively small leafhopper subfamily, includes tribes Evacanthini, Nirvanini, Balbillini and Pagaroniini. The genus *Taperus* Li & Wang, 1994 belongs to the tribe Evacanthini with *Taperus fasciatus* Li & Wang as its type species. Li & Wang (1994) described another two species, and Cai & Shen (1997, 1999) added *T. bimaculatus* Cai & Shen and *T. discolor* Cai & Shen to the genus, respectively. Later, Li & Wang (2001) described the sixth species, *T. lanpingensis* Li & Wang, for the genus.

In the present paper the genus *Taperus* is reviewed, its type species is redescribed and three new species are described. In addition, *Taperus flavifrons* (Matsumura) (*Onukia*) **comb. n.** is proposed and three species formerly placed in *Taperus* are removed to the genus *Convexana* Li.

Material examined is deposited in the following institutions abbreviated in the text as follows:

NWAFU	The Entomological Museum of Northwest A & F University, Yangling, China
IZAS	The Institute of Zoology, Chinese Academy of Sciences, Beijing, China
SYSU	Sun Yat-Sen University, Guangzhou, China
CAU	China Agricultural University, Beijing, China
GZU	Guizhou University, Guiyang, China

Checklist to species of *Taperus*

Taperus albivittatus Li & Wang, 1994: 375; 1996: 115 (China: Sichuan)

Taperus apicalis Li & Wang, 1994: 377; 1996: 116 (China: Guizhou)

Taperus fasciatus Li & Wang, 1994: 378; 1996: 117 (Vietnam; China: Fujian, Guangxi, Hainan, Shaanxi, Sichuan, Hunan, Guizhou, Zhejiang, Jiangxi)

Taperus flavifrons (Matsumura, 1912: 45) (*Onukia*), **comb. n.** (Japan; China: Taiwan, Hainan)

Taperus bannaensis **sp. n.** (China: Yunnan, Hainan)

Taperus quadragulatus **sp. n.** (China: Hunan, Guizhou)

Taperus luchunensis **sp. n.** (China: Yunnan)