



## Review of the leafhopper genus *Striatanus* Li & Wang (Hemiptera: Cicadellidae: Evacanthinae) with description of one new species from China

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### Abstract

The genus *Striatanus* Li & Wang is reviewed with redescription of the three known species and description of a new species, *Striatanus erectus*, **sp. nov.**, from China. In addition, photographs and illustrations of all species of the genus are provided as well as a key to all species.

**Key words:** Homoptera, Auchenorrhyncha, morphology, identification, distribution

### Introduction

Evacanthinae is a relatively small subfamily of Cicadellidae previously considered as a tribe in the subfamily Cicadellinae (Oman *et al.* 1990). Dietrich (2004) reinstated this group to subfamily status including, in addition to Evacanthini, the tribes Nirvanini, Balbillini and Pagaroniini. This subfamily is distributed both in the Holarctic and the Oriental regions, and the diversity of genera is greater in the Oriental region than in the Holarctic (Oman *et al.*, 1990; Viraktamath & Webb, 2007). However, some recently published genera of Evacanthini from the Oriental region need to be redefined and may be synonymised in the future (Viraktamath, 2007, pers. comm. with the third author).

Li & Wang (1995) established the genus *Striatanus* with description of three species from southwestern China, e.g., *S. curvatanus*, *S. dentatus* and *S. tibetaensis*. Herein we revise the genus based on examination of the type specimens of the related species, provide illustrations and photographs for all three aforementioned species, and describe a new species, *Striatanus erectus* **sp. nov.**. In addition, we provide a key to this and three related genera, *Pythamus* Melichar, *Riseveinus* Li, and *Vangama* Distant, and a key to species of the *Striatanus*.

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

IZAS	The Institute of Zoology, Chinese Academy of Sciences, Beijing, China
NKU	Nankai University, Tianjin, China
CAU	China Agricultural University, Beijing, China
NWAFU	The Entomological Museum of Northwest A & F University, Yangling, China

### Taxonomy

#### *Striatanus* Li & Wang

Type species: *Striatanus curvatanus* Li & Wang, 1995: 189