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***Mediporus*, a new genus of the leafhopper subfamily Evacanthinae (Hemiptera: Cicadellidae), with a key to genera of the Evacanthini**

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Abstract

Mediporus splendens **gen. n.** and **sp. n.** is described and illustrated based on specimens from Thailand. In addition, a key to genera of the Evacanthini is provided.

Key words: Homoptera, Auchenorrhyncha, Evacanthini, taxonomy, morphology, Thailand

Introduction

The leafhopper subfamily Evacanthinae is a relatively small subfamily previously often considered as a tribe in the subfamily Cicadellinae (Metcalf, 1939; Oman *et al.*, 1990; Zhang, 1990). It was redefined by Dietrich (2004), who included the tribes Evacanthini, Nirvanini, Balbillini and Pagaroniini in this subfamily. Recently, a new species was found in loaned material from Thailand, having several peculiar features worthy of establishing a new genus for its inclusion. Herein, *Mediporus* **gen. n.** is described and illustrated, and a preliminary key to genera of the Evacanthini is also provided.

Material and methods

All the specimens were previously preserved in alcohol and subsequently were mounted on small triangle paper. External morphology was observed using a Motic SMZ 168-BL microscope. The male genitalia were treated with 10% NaOH solution at 100°C for several minutes, rinsed with water, immersed in droplet of glycerol and dissected following standard procedure. They were observed under a compound light microscope (Nikon Eclipse 50i). Photos were taken using a Scientific Digital Micrography System equipped with an Auto-montage imaging system and a QIMAGING Retiga 4000R digital camera (CCD). Morphological terminology follows Dietrich (2004, 2005). Material examined is deposited in the following institutions and their abbreviations used in the text are as follows:

INHS Illinois Natural History Survey, Illinois, USA.

NWAFU The Entomological Museum, Northwest A&F University, Yangling, China.

QSBG Queen Sirikit Botanical Garden, Chiang Mai, Thailand.