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## ***Diramus*, a new genus of the leafhopper subfamily Evacanthinae (Hemiptera: Cicadellidae), with description of three new species from Thailand**

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### **Abstract**

*Diramus*, **gen. nov.** (Hemiptera: Cicadellidae: Evacanthinae), and three new species, *Diramus khaokus* **sp. nov.**, *Diramus nigromaculatus* **sp. nov.** and *Diramus uncatus* **sp. nov.**, are described from Thailand. The differences between the new genus and the closely related genus *Bundera* Distant is discussed.

**Key words:** Hemiptera, Auchenorrhyncha, leafhopper, morphology

### **Introduction**

The leafhopper subfamily Evacanthinae is a relatively small subfamily previously often considered as a tribe in the subfamily Cicadellinae (Oman *et al.*, 1990). Evacanthinae was redefined by Dietrich (2004), who included the tribes Evacanthini, Nirvanini, Balbillini and Pagaroniini in this subfamily. Recently, three new species were found in newly collected evacanthine leafhopper material from Thailand, which resemble species of the genus *Bundera* Distant (1908). However, some characters of the new species differed from those of *Bundera*, necessitating the establishment of a new genus for their inclusion in the tribe Evacanthini. Herein, *Diramus* **gen. nov.**, *Diramus khaokus* **sp. nov.**, *Diramus nigromaculatus* **sp. nov.** and *Diramus uncatus* **sp. nov.** are described and illustrated, and a key is provided.

### **Material and methods**

External morphology was observed using a Motic SMZ 168-BL microscope. The male genitalia were dissected out, treated with 10% NaOH solution at approximately 80°C for several minutes, rinsed with water, immersed in droplet of glycerol and observed using 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). The terminology of setal rows on legs follows Rakitov (1997). Type specimens of the new taxa are deposited in the following institutions abbreviated in the text as follows:

- QSBG      Queen Sirikit Botanical Garden, Chiang Mai, Thailand.  
UIUC      Illinois Natural History Survey, Illinois, USA.  
NWAUFU    The Entomological Museum, Northwest A&F University, Yangling, China.