



## Revision of the Chinese species of the leafhopper genus *Dayus* Mahmood (Hemiptera: Cicadellidae: Typhlocybinae: Empoascini), with description of three new species

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### Abstract

The Chinese species of the typhlocybinae genus *Dayus* Mahmood are revised. A total of five species, including three new species—*lii* n.sp., *lamellatus* n.sp. and *membranaceus* n.sp. from Fujian Province are described, and a key to Chinese *Dayus* species is included.

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

### Introduction

The typhlocybinae genus *Dayus* was established by Mahmood in 1967 with *D. elongatus* as the type species from Singapore. Dworakowska (1971) added three more species, *D. takagii* Dworakowska, *D. upoluanus* (Osborn, 1934) and *D. euryphaessus* (Kirkaldy, 1907) and Dworakowska & Viraktamath (1978) added a new species, *D. formosus* from India and China (Taiwan). Five species of the genus have been reported worldwide, distributed throughout the Austro-Oriental Region. Here we review the species of *Dayus* known to occur in China, including two previously described and three new species.

### Material and methods

Except for the nomenclature of the wing, for which we follow Dworakowska (1993), the methods and terminology used in this work follow Zhang (1990). The specimens used in this study are deposited in the Entomological Museum, Northwest A & F University, Yangling, Shaanxi, China (NWFU) and China Agricultural University (CAU).

### Results

#### Genus *Dayus* Mahmood

*Dayus* Mahmood, 1967: 39.

Type species: *Dayus elongatus* Mahmood, 1967, by original designation.