



A new species of Scaphytopiini (Hemiptera: Cicadellidae: Deltocephalinae), with a key to genera and species checklist for the tribe from China

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Abstract

An annotated checklist and generic key to the leafhopper tribe Scaphytopiini from China is provided. A new species *Xenovarta subulata* **sp. nov.** is described and illustrated from China. The type specimens of the new species are deposited in the Institute of Entomology, Guizhou University, Guiyang, China (GUGC).

Key words: Homoptera, morphology, taxonomy, distribution

Introduction

The tribe Scaphytopiini is a small group of deltocephaline leafhoppers. It was reviewed by Webb & Godoy (1993) and contained nine genera and five subgenera. Later, Viraktamath & Anantha Murthy (1999) added four new genera and Viraktamath (2004) added four other new genera. Recently, Viraktamath & Webb (2006) also described another genus. Until now, twenty genera were known in the world, including thirteen monotypic genera; among them, six genera and fourteen species are known in China (Viraktamath, 2004; Dai & Zhang, 2006; Viraktamath & Webb, 2006; Xing, Dai & Li, 2008, 2010; Duan & Zhang, 2010).

In this paper, an annotated checklist and generic key to the Scaphytopiini of China are provided. And a new species *Xenovarta subulata* **sp. nov.** is described and illustrated from Guangdong Province, China. The genus *Xenovarta* now contains seven species. The type specimens of the new species are deposited in the Institute of Entomology, Guizhou University, Guiyang, China (GUGC).

Taxonomy

Scaphytopiini Oman, 1943

Scaphytopiini Oman, 1943: 16. Type genus: *Scaphytopius* Ball, 1931

Diagnosis. Scaphytopiini is distinguished from other tribes of Deltocephalinae mainly by the dorsally visible genae (except *Proceps* Mulsant & Rey, also included in the tribe by Dmitriev (2002) based on nymphal characters). In addition, the following characters feature in the tribe but are not universal or unique: face elongate; aedeagus disassociated from connective with paired (sometimes fused) pseudostyles and paired gonopores; forewings with recurved veins in costal area.