



## Review of Chinese species of genus *Xenovarta* Viraktamath (Hemiptera: Cicadellidae: Deltocephalinae: Scaphytopiini) with description of a new species

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### Abstract

The Chinese leafhopper species of the genus *Xenovarta* Viraktamath are reviewed, one new species *Xenovarta longicornis* sp. n. is described and a key is provided for the six Oriental species of the genus.

**Key words:** Taxonomy, Homoptera, Auchenorrhyncha, leafhopper, Oriental Region, China

### Introduction

The genus *Xenovarta* was established by Viraktamath (2004) in the deltocephaline leafhopper tribe Scaphytopiini, for five Oriental species, including its type species *Xenovarta acuta* Viraktamath. The genus is one of several placed in the *Varta-Stymphalus* complex by Viraktamath (2004) all of which have striking orange to red markings (see Plate I). It was distinguished from other members of the complex in the male by the fused plates and valve, articulated aedeagus and connective and well developed subapical lobe of the style with a rather elongate rugulose apophysis.

In the present paper the three Chinese species of the genus, including one new species, are described and illustrated and a key to all species is provided. Specimens are deposited in Entomological Museum of Northwest A & F University (NWAUFU) and Sun Yat-Sen University (SYU). Morphological terminology follows Oman (1949) and Zhang (1990).

### Taxonomy

#### *Xenovarta* Viraktamath

*Xenovarta* Viraktamath, 2004: 23. Type species: *Xenovarta acuta* Viraktamath

**Distribution.** China, Indo China (Vietnam, Laos, Cambodia) and the Pacific (Sabah).

#### Key to species of *Xenovarta* Viraktamath

- 1 Face tumid (see Viraktamath, 2004, Fig. 163); aedeagal shaft cylindrical, without processes, with a large subapical gonopore (see Viraktamath, 2004, Figs 168, 169)..... *cylindrica* Viraktamath
- Face concave in profile (Fig. 2B); aedeagal shaft either compressed without processes or with processes ..... 2
- Males
- 2 Aedeagal shaft asymmetrical (Figs 1F, 2F) ..... 3