



The genus *Pediopsoides* Matsumura (Hemiptera: Cicadellidae, Macropsini) from Mainland China, with description of two new species

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Abstract

Four species of the genus *Pediopsoides* Matsumura are recorded from Mainland China. Among them, *Pediopsoides dilatus* sp. nov. and *Pediopsoides heterodigitatus* sp. nov. are described as new, and *Pediopsoides kurentsovi* (Anufriev) is redescribed. One new combination, *Pediopsoides aomians* (Kuoh, 1981) comb. nov. (from *Oncopsis*) is proposed and two new synonyms are revealed, the genus *Digitalis* Liu and Zhang, 2002 (type species: *Digitalis striolatus* Liu and Zhang) is synonymised with *Pediopsoides*, *Digitalis striolatus* Liu and Zhang is a new junior synonym of *Pediopsoides aomians* (Kuoh). Images of adults and genitalia of the four species are provided, along with a checklist of the known species of the genus.

Key words: Auchenorrhyncha, Macropsini, morphology, taxonomy, redescription

Introduction

The Macropsini with about 400 species worldwide, are found in all zoogeographical regions except in Oceania, South America and Antarctica (Hamilton, 1980). One genus of this tribe, *Pediopsoides* Matsumura, 1912, from central Africa, central and eastern Asia, and the Nearctic, includes five subgenera and 14 species, with one described from mainland China and two described from Taiwan (Hamilton 1980; Huang & Viraktamath 1993; Viraktamath 1981, 1996). As a result of our studies of the Macrospini from different ecosystems of China, two new species, *Pediopsoides dilatus* sp. nov. and *Pediopsoides heterodigitatus* sp. nov., are described; one new combination, *Pediopsoides aomians* (Kuoh, 1981) comb. nov. (from *Oncopsis*) is proposed; and two additional nomenclatural changes are made: *Digitalis* Liu and Zhang, 2002 is synonymised with *Pediopsoides*, 1967 and *Digitalis striolatus* Liu and Zhang, 2002 syn. nov. is a junior synonym of *Pediopsoides aomians* (Kuoh). These species are redescribed and illustrated, and *Pediopsoides (Sispocnis) kurentsovi* (Anufriev), originally described from Japan is compared to them. This genus now comprises 17 species worldwide, including two in the nominate subgenus and four others in subgenus *Sispocnis* from China. The specimens examined are deposited in the Entomological Museum of Northwest A&F University (NWAUFU), Institute of Zoology, Chinese Academy of Sciences, Beijing (CAS), China Agricultural University, Beijing (CAU), Nankai University, Tianjin (NKU) and Sun Yat-sen University (SYSU).

Pediopsoides Matsumura

Pediopsoides Matsumura, 1912: 305. Type species: *Pediopsoides formosanus* Matsumura, 1912.

Digitalis Liu and Zhang, 2002: 175. **syn. nov.** Type species: *Digitalis striolatus* Liu et Zhang.