Paradoxivena, a new leafhopper genus (Hemiptera: Cicadellidae: Stegelytrinae) from Tibet, China

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Abstract

A new Oriental leafhopper genus, Paradoxivena gen. nov., based on one species, P. zhamuensis sp. nov., from Tibet, China, is described and illustrated, and placed in Stegelytrinae. The relationship between the new genus and other taxa is discussed.

Key words: taxonomy, morphology, behavior, mud-puddling, host-plants

Introduction

Stegelytrinae Baker is a small leafhopper subfamily restricted to the Palaearctic and Oriental regions. Compared to many other leafhopper subfamilies, the included genera of this subfamily are remarkably diverse and the Oriental genera were either only recently placed in the subfamily (having been unassigned by Oman et al., 1990), or described or revised more recently (see Webb 1999; Wei & Zhang 2003; Wei et al., in press; Zhang & Wei 2002 and Zhang et al. 2002, 2004, 2006a, 2006b).

In the present paper a new Oriental stegelytrine leafhopper genus, Paradoxivena gen. n., is described for its type species, Paradoxivena zhamuensis sp. n. from Tibet, China. The new genus forms a group with the following other Oriental stegelytrine genera: Cyrta Melichar 1902, Doda Distant 1908, Kunasia Distant 1908, Placidus Distant 1908, Placidellus Evans 1971, Paraplacidellus Zhang, Wei & Shen 2002, Platycalvata Zhang, Wei & Webb 2006, Stenolora Zhang, Wei & Webb 2006, Temburocera Webb 1999 and Wychiva Zhang, Wei & Webb 2006. based on the following similarities: head distinctly narrower than pronotum; eyes laterally overlapping pronotum and relatively more dorsad