

Notes on identity, new synonymy and larva of *Ivalia* Jacoby (Coleoptera: Chrysomelidae) with description of a new species

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Abstract

Genus *Ivalia* Jacoby is characterized morphologically, and *Amphimeloides* Jacoby **syn. nov.** and *Taizonia* Chen **syn. nov.** are junior synonyms with it. Several *Ivalia* species are figured, including *Ivalia bella* (Chen) **comb. nov.**, *I. dorsalis* (Jacoby) **comb. nov.**, and *I. viridipennis* Jacoby. A new species of *Ivalia* from the Nilgiri Hills in south India, *I. korakundah* **sp. nov.**, is described and illustrated, including the larvae. Larvae were associated with adults by sequencing a fragment of the mitochondrial gene cytochrome oxidase I. Larval morphology is discussed and compared with that of other flea beetles.

Key words: Chrysomelidae, *Ivalia*, *Taizonia*, *Amphimeloides*, moss feeding, larval sensilla, new species

Introduction

Jacoby (1887:100) proposed *Ivalia* to accommodate “small species of Halticinae having general shape and appearance of *Apteropeda*, but differing from that ... by the irregularly punctured elytra and the appendiculate claws”. A few pages earlier in the same paper Jacoby described another genus, *Amphimeloides*. Unfortunately and inexplicably, he did not compare the two, although both are described from Sri Lanka and share some important characters including small size with a similarly round and convex body, open procoxal cavities, irregularly punctured elytra, appendiculate claws, and a long metatibial