



Cameronaptera glabrinotum n.gen., n.sp. from Malaysia (Hemiptera: Heteroptera: Aradidae)

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Abstract

A new genus of apterous Carventinae from the Malaysian mainland, *Cameronaptera* n. gen. with the species *glabrinotum* n.sp., is described and figured. Because of its habitus and abdominal structures, it is not related to any other Oriental Carventinae.

Key words: Hemiptera, Heteroptera, Aradidae, Carventinae, new genus, new species, apterous, Malaysia

Introduction

Kormilev & Froeschner (1987) listed 19 genera of Carventinae from the Oriental Region. A further five genera have been described since (*Sandakanaptera* Vasarhelyi 1988 (Borneo); *Singhalaptera* Heiss 2001 (Sri Lanka); *Crassocorios* Bai, Heiss & Cai 2007 (China, Hainan); *Taiwanaptera* Heiss & Nagashima 2008 (Taiwan); and *Vietnamaptera* Bai, Heiss & Cai 2010 (Vietnam)), raising the number of recorded genera to 24. In 1983 the author collected a single specimen in the Malaysian Cameron Highlands which could not be placed in one of the known genera. Additional specimens of both sexes were collected in later years by the author or presented by friends, and are now available for a comparative study. They belong to a new genus and species which are described and figured below.

Material and methods

This study is based on material preserved in the collection of the author. As the body of most Carventinae is usually covered by a waxy incrustation obscuring the cuticular structures and fusion sutures—particularly in all apterous taxa, —this incrustation was removed before investigation.

Measurements were taken with a micrometer eyepiece, 20 units = 1mm unless otherwise stated. When citing the actual text on the labels of a pin attached to the specimens / separates the lines and // different labels. Abbreviations used: Deltg = dorsal external laterotergite (connexivum), mtg = mediotergite, vltg = ventral laterotergite, pe-angle = posteroexterior angle (of deltg).

Taxonomy

Cameronaptera new genus

Type species: *Cameronaptera glabrinotum* n.sp.

Diagnosis: Medium-sized apterous species; body short and subparallel; surface of charcoal colouration, generally mat with smooth and glabrous areas which include apodemal impressions, lateral margins of body, and elevated structures partly with short dispersed yellowish setae. Characteristic is a polygonal glabrous concave median thoracal plate reaching from posterior margin of mesonotum to anterior margin of tergal plate. This particular structure is unique among Oriental Carventinae and *Cameronaptera* is therefore not closely related to any of these genera.