



A revision of the tribe Gonocerini from Australia (Hemiptera: Heteroptera: Coreidae: Coreinae)

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Abstract

The coreine tribe Gonocerini (Coreidae) of Australia is revised. Three genera and seven species are recorded. Among them are three new species (*Cletomorpha saphisa*, *Plinactus melinus*, and *Plinactus refulgens*). New distributional records are given for *Cletomorpha mackayensis* Distant, *Cletus minutus* Blöte, *Cletus saucius* Stål, and *Cletus similis* Blöte. Redescriptions of previously known species are provided. Diagnostic taxonomic characters of head, pronotum, and male genital capsule, and dorsal views of some species are illustrated. A key is given to the known genera and species.

Key words: Insecta, Hemiptera, Heteroptera, Coreidae, Gonocerini, revision, Australia

Introduction

This contribution summarizes current knowledge of the coreine tribe Gonocerini from the Australian region, bringing together information from the literature and from previously unstudied collections.

The Australian members of the Gonocerini are characterized by having the head comparatively long, the preocular region surpassing the antenniferous tubercles, the tylus apically rounded (not laterally compressed) and the rostrum slender, reaching or extending beyond the mesosternum. The legs are unarmed, the hind femur not incrassate, and the tibiae sulcate and not expanded. Additionally, the abdominal spiracle are circular and small; they are closer to the anterior border than to the posterior border of the sternites, and remote from the connexivum or located almost midway between the sternite's midline and the connexivum of the abdominal sternite and much nearer to the lateral border of the pleural margin; the distance between an abdominal spiracle and the lateral margin of its abdominal sternite is less than the distance between a spiracle and the anterior margin of its sternite.

In the following text all Gonocerini species known from Australia are included, three new species are described, for a total of three genera and seven species.

Materials and methods

The following abbreviations are used for the institutions cited here: The Australian Museum, Sydney, Australia (AMUS); Australian National Insect Collection, Canberra, Australia (ANIC); Natural History Museum, London, United Kingdom (BMNH); Bernice P. Bishop Museum, Honolulu, Hawaii, USA (BPBM); California Academy of Sciences, Golden Gate Park, San Francisco, USA (CAS); Department of Agriculture of Western Australia, South Perth, Western Australia, Australia (DAWA); Department of Primary Industries, Mareeba,