

Generic and subgeneric status of aedine mosquito species (Diptera: Culicidae: Aedini) occurring in the Australasian Region

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Abstract

Species of Aedini occurring in the Australasian Region are listed with their current generic-level assignments. The purpose of this list is to enable entomologists, public health personnel, and mosquito control workers to more quickly become familiar with recent formal taxonomic changes within the tribe.

Key words: Diptera, Culicidae, Aedini, Australasian Region, checklist, mosquitoes

Introduction

The most recent listings of aedine mosquitoes occurring in the Australasian Region (Foley 2002, Debenham and Hicks 1989) require revision because of modifications to generic-level taxa based on phylogenetic relationships recognized within the tribe Aedini (Reinert *et al.* 2004). This study is the largest cladistic analysis published to date on the Culicidae and includes 172 morphological characters of all life stages (eggs, fourth-instar larvae, pupae, females and genitalia, and males and genitalia) and 119 aedine species from all currently recognized genera and subgenera of the tribe. Adhering to the *International Code of Zoological Nomenclature* (International Commission on Zoological Nomenclature 1999), the cladistic analyses of Reinert *et al.* (2004) resulted in significant changes to the generic classification of the tribe, and the terminations of some species names were changed to agree in gender with newly recognized genera.