



Descriptions of *Danielsia* Theobald, a genus recently resurrected from synonymy (Diptera: Culicidae: Aedini), and its type species *Dn. albotaeniata* Leicester

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Abstract

A detailed morphological description of the recently reestablished genus *Danielsia* and its type species, *Dn. albotaeniata*, are provided. An extensive list of previous literature pertaining to the genus is included. Genus *Danielsia* includes three species, *Dn. albotaeniata*, *Dn. harperi* and *Dn. lepchana*. Distribution, bionomics, distinguishing features of each life stage and background information for the genus are provided.

Key words: Culicidae, Aedini, *Danielsia*, *Dn. albotaeniata*, *Dn. harperi*, *Dn. lepchana*, mosquitoes

Introduction

Reinert *et al.* (2008) resurrected *Danielsia* Theobald from synonymy with subgenus *Finlaya* of *Ochlerotatus* as a genus in tribe Aedini of family Culicidae. This action was the result of cladistic analyses of tribe Aedini (Reinert *et al.*, 2004, 2006 and 2008) and was based on morphological data from all life stages of all previously recognized genera, subgenera, and major species groups of the tribe.

The original description of *Danielsia* by Theobald (1904) was very brief: “Head covered with small flat scales, with truncated ends, loosely and rather raggedly placed on the head, a few long narrow-curved ones behind, and small upright forked ones with them. Scutellum with small narrow-curved scales; mesothorax with narrow-curved scales. Palpi short in female, densely scaled; in the male as long as the proboscis, the two apical joints short, the apical rather shorter than the penultimate, hair-tufts scanty; fork-cells rather short.” Since the original description included only a few adult characters and did not include features of the female and male genitalia and immature stages, all known stages of *Danielsia* and its type species, *Dn. albotaeniata*, are described in detail below.

Morphological terminology used in the descriptions follows Harbach & Knight (1980, 1982) except for terms proposed by Reinert (1990, 1999, 2000b and 2008a). A previous usage section is provided for tracking the published generic-level history of species included in *Danielsia*.

Genus *Danielsia* Theobald, 1904

Type species: *Danielsia albotaeniata* Leicester, 1904

Previous usage

Danielsia Theobald (1904) of Brunetti (1907, 1912), Leicester (1908), Reinert *et al.* (2008), Reinert (2008b, 2008c).