

Nilotanypus Kieffer from China (Diptera: Chironomidae: Tanypodinae)

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Abstract

The genus *Nilotanypus* is recorded from the Oriental region for the first time. Two new species, *N. polycanthus* and *N. quadratus*, from Oriental China are described and figured as males. *N. dubius* (Meigen) is recorded from northern China. A key to the males of all known *Nilotanypus* is presented.

Keywords: Chironomidae, Tanypodinae, *Nilotanypus*, new species, key, China

Introduction

Larvae of *Nilotanypus* are polyoxybiontic, living exclusively in clean, fast flowing rivers and sandy streams. Although males of *Nilotanypus* have wing vein R_{2+3} reduced or absent in common with those of *Monopelopia* Fittkau, *Schineriella* Murray and Fittkau, and *Labrundinia* Fittkau, the shape of the pubescent eye, the wavy setae on the apical antennal flagellomere and the strongly reduced costa allow easy recognition of the genus (Murray & Fittkau 1989).

The genus *Nilotanypus* is distributed in most parts of the world. Eight species have been described, of which two are Palearctic (Fittkau 1962; Tokunaga 1937), three are Nearctic (Beck & Beck 1966; Roback 1971, 1986), one is Australian (Freeman 1961) and two are Afrotropical (Kieffer 1923; Freeman 1955; Harrison 1991). The North American species *N. americanus* is described as female only (Beck & Beck 1966). Up to date, only unnamed pupae of *Nilotanypus* have been recorded from the Neotropical Region (Spies & Reiss 1996).

Only *N. dubius* (Meigen) has previously been recorded from China (Wang 2000). Based on material from Oriental China two new *Nilotanypus* species are described below.