

***Tanytarsus rhabdomantis*: New combination for *Nimbecera rhabdomantis* Trivinho-Strixino & Strixino, 1991 (Diptera: Chironomidae)**

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Abstract

Nimbecera rhabdomantis Trivinho-Strixino & Strixino, 1991 is transferred to the genus *Tanytarsus* van der Wulp, 1874, and the adult male and pupa of *T. rhabdomantis* comb. nov. are described as new to science. Diagnoses for larva, pupa and adult male of *T. rhabdomantis* comb. nov. are given, and the characters used to identify the immature stages of *Nimbecera* Reiss, 1972, are briefly discussed.

Key words: *Tanytarsus*, *Nimbecera*, Chironomidae, new combination, Neotropical Region

Introduction

Nimbecera rhabdomantis was described in 1991 from larvae collected in a small reservoir (Quinta da Felicidade) located in the rural zone of São Carlos (São Paulo, Brazil). The species, very abundant in this reservoir, constituted 20% of the total macroinvertebrate fauna (Trivinho-Strixino & Strixino 1991; Strixino & Trivinho-Strixino 1998). Re-examination of alcohol preserved material from this locality revealed the presence of fourth instar larvae of *N. rhabdomantis* in the pre-pupa phase (presenting pupal features) and pharate adult males, which did not fit the diagnosis of *Nimbecera* Reiss, 1972. We decided to transfer *N. rhabdomantis* to the genus *Tanytarsus* van der Wulp, 1874 after an examination of all stages and a comparison of the diagnoses of *Nimbecera* and *Tanytarsus* as given in Cranston *et al.* (1989). Based on larval and pupal morphology it is difficult to separate the two genera, but the adult males of *T. rhabdomantis* fit the diagnostic characters recognised for *Tanytarsus* males. In the present study the adult male and pupa of *T. rhabdomantis* comb. nov. are described, and a complete description of the fourth instar larvae is given.