



Three new species of *Telmatoscopus* Eaton, 1904 (Diptera, Psychodidae) from Brazil

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Abstract

Three new species of *Telmatoscopus* auct. (nec Eaton, 1904) from Brazil are described, one from Paraná State, southern Brazil, and two from Espírito Santo State, southeastern Brazil. Ten species of *Telmatoscopus* s. l. are currently known from the Neotropical region, including the three new species described here. An identification key for males of all Neotropical species of *Telmatoscopus* s. l. is presented.

Key words: New species, Neotropical region, Brazil, Diptera, Psychodidae

Introduction

The genus *Telmatoscopus* auct. (nec Eaton, 1904) included species from all biogeographic regions but some of them probably belong to undescribed genera (Ježek, 1989). From the Neotropical region only seven species have been described in *Telmatoscopus* s.l.: *Telmatoscopus caribicus* Wagner, 1993 from Saint Vincent Island, Lesser Antilles; *Telmatoscopus thompsoni* Wagner, 1999 from the Dominican Republic, Greater Antilles; *Telmatoscopus clavatus* Quate, 1996 and *Telmatoscopus congruus* Quate, 1996 from Costa Rica and Nicaragua; *Telmatoscopus mergacolis* Quate, 1996 from Costa Rica; *Telmatoscopus brevicolis* Bravo & Souza, 2008 from Pará State in the Brazilian Amazon; and *Telmatoscopus calcaratus* Duckhouse, 1968 from Nova Teutônia, Santa Catarina State, southern Brazil (Duckhouse 1968, Wagner 1993, 1999, Quate 1996, Collantes & Martinez-Ortega 1999, Bravo & Souza 2008). *T. calcaratus* is known only from female specimens.

Ježek (1989) proposed a diagnosis of *Telmatoscopus* s.s. (*Telmatoscopus* Eaton, 1904) based on the type species *Pericoma morula* Eaton, 1893, and included in it 27 species distributed only in Holarctic region. Ježek (1989) did not present any taxonomic proposal for the other species described in *Telmatoscopus* s.l. In this paper three new species of *Telmatoscopus* s.l. from Brazil are described.

Material and methods

The specimens examined were cleared with hot 10% sodium hydroxide and mounted in Canada balsam or in Berlese's medium, the latter according to the methodology of Barretto & Coutinho (1940). The specific morphological terminology for Psychodidae follows that of Duckhouse (1990). Specimens were deposited in *Coleção Entomológica Pe Jesus Santiago Moure* do Departamento de Zoologia da Universidade Federal do Paraná, Curitiba, Paraná, Brazil (DZUP) and *Coleção Entomológica Prof. Johann Becker* do Museu de Zoologia da Universidade Estadual de Feira de Santana, Brazil (MZUEFS).