

A new species of Brazilian *Dendrocephalus* (Anostraca, Thamnocephalidae)

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Abstract

Dendrocephalus thieryi **nov. sp.**, discovered in the state of Minas Gerais, Brazil, is described. The new species is defined by a unique morphology of its male frontal appendage and of the endopodites of the first four thoracopods. A dichotomous key to all known *Dendrocephalus* species based on male morphology is presented.

Key words: Anostraca, Thamnocephalidae, new species

Introduction

The Anostracan genus *Dendrocephalus* Daday (1908) was redefined and diagnosed following the modern standards provided by Pereira (1983), Brendonck & Belk (1997), and Rogers (2006). Fifteen species are currently recognized in two subgenera (Belk & Brtek, 1995; Belk & Brtek, 1997; Rogers, 2006). All species in the subgenus *Dendrocephalus* (sensu stricto) are distributed in tropical or subtropical warm climate regions of Central and South America from Costa Rica to Argentina, and on the Galapagos Islands (Rabet & Thiéry, 1996). To date only three species are known from Brazil: *D. brasiliensis* Pesta, 1921, *D. orientalis* Rabet & Thiéry, 1996, and *D. goiasensis* Rabet & Thiéry, 1996. Here I describe a new *Dendrocephalus* species from Minas Gerais state in the south-eastern region of Brazil.

Material and methods

Thirty-three female and 18 male specimens of *Dendrocephalus* was collected by W. Costa,