

Heteragrion calafatiensis (Odonata: Heteragrionidae) sp. nov. from Northern Brazil

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Abstract

The Neotropical genus *Heteragrion* Selys, 1862 is the second most speciose among the Neotropical Zygoptera. However, most of its species are poorly known regarding their biology, distribution, and taxonomy, especially those from undersampled areas like Northern Brazil. Here we describe *Heteragrion calafatiensis* sp. nov. from the coastal environments of the Brazilian Amazon of Pará state (Holotype ♂, Brazil, Pará, municipality of Magalhães Barata, near the Marapanim River, (-0.863291, -47.668058, 20 m, 26.ix.2021), C.C. Mendoza-Penagos leg, in UFPA). This is the ninth *Heteragrion* species recorded for the Northern region of Brazil. The new species can be separated from congeners by cercal morphology and thoracic coloration pattern.

Key words: Amazon, Damselfly, Neotropical, New species, Pará State, Coastal Environments

Resumo

O gênero Neotropical *Heteragrion* Selys, 1862 é o segundo gênero mais especioso dentre os Zygoptera neotropicais. No entanto, a biologia, distribuição e taxonomia da maioria de suas espécies é pouco conhecida, especialmente as de regiões pouco amostradas como o Norte brasileiro. Aqui descrevemos *Heteragrion calafatiensis* sp. nov. coletada em ambientes costeiros da Amazônia Brasileira do estado do Pará (Holótipo ♂, Brasil, Pará, município de Magalhães Barata, perto do rio Marapanim, (-0.863291, -47.668058), 20 m, 26.ix.2021, C.C. Mendoza-Penagos leg., UFPA). Esta é a nona espécie de *Heteragrion* com ocorrência na região Norte do Brasil. A nova espécie pode ser diferenciada de outras congêneres, pela morfologia dos cercos e pelo padrão de coloração torácica.

Palavras-chave: Amazônia, Libélula, Neotropical, nova espécie, Estado do Pará, Ambientes Costeiros

Introduction

The Neotropical genus *Heteragrion* Selys, 1862 is the second most diverse within the Neotropical Zygoptera, being only surpassed in number of species by the genus *Argia* (Vilela *et al.* 2021). Currently, 58 *Heteragrion* species are recognized (excluding the *nomen dubium*), distributed almost proportionally between groups A (males with vestigial paraprocts, 26 species) and B (males with well-developed paraprocts, 32 species) (Lencioni 2013; Vilela *et al.* 2021).

In Brazil, 30 species of *Heteragrion* have been recorded, most of which are found in the central and southern regions of the country, mostly belonging to Group A (Lencioni 2013; Vilela *et al.* 2019). So far, eight species have