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Mnesarete bidentata (Odonata: Calopterygidae), a new species from Acre State, northern Brazil

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We describe, illustrate and diagnose a new species of *Mnesarete* based on specimens collected in Acre State, Brazil. The new species can be separated from other congeners by the undeveloped paraprocts and a combination of characters of the cerci.

Introduction

Mnesarete Cowley, 1934 is a calopterygid genus endemic to South America, currently comprising 23 species distributed from northern Brazil to northern Argentina (Garrison *et al*. 2010, Paulson *et al*. 2026). The genus was reviewed in 2006, supported by numerous illustrations that resolved several taxonomic uncertainties and enabled the identification of both sexes (Garrison 2006).

Based on Garrison's (2006) treatment, recent fieldwork revealed the presence of an undescribed species of *Mnesarete*. This discovery, two decades after the most complete taxonomic treatment of the genus, indicates that its diversity remains incompletely documented.

In this study, we describe and illustrate a new species of *Mnesarete*, provide diagnostic characters to distinguish it from its congeners, and discuss its morphological affinities within the genus.

Material and methods

Specimens were collected with the aid of entomological nets, during a field trip to Serra do Divisor National Park (SDNP from hereon), Acre State, Brazil, in July 2022.

Wing nomenclature and morphological terminology follow Garrison (2006). All measurements were recorded in millimetres (mm). Meas-

https://zoobank.org/References/47F94A45-F2AC-4240-B92C-5F1026EA50C9