

Four new species of *Calvertagrion* St. Quentin from South America (Odonata: Coenagrionidae)

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Received 12th February 2015; revised and accepted 21st May 2015

Abstract. Four new species of *Calvertagrion* are described from the upper Amazon region of South America east of the Andes foothills, namely *C. albatum* sp. nov. (holotype male, Madre de Dios Department, Peru), *C. charis* sp. nov. (holotype male, Loreto Department, Peru), *C. declivatum* sp. nov. (holotype male, Santa Cruz Department, Bolivia), and *C. mauffrayi* sp. nov. (holotype male, Orellana Province, Ecuador). These additions bring the total number of species in the genus to five. Differences in thoracic and abdominal color pattern, morphology of the pronotum and male appendages are presented as characters in a key separating the known species. The male genital ligula is remarkably uniform within the genus, which is unusual within coenagrionid genera with multiple species.

Key words. Dragonfly, damselfly, Zygoptera, new species, Amazon Basin, Bolivia, Ecuador, Peru

Introduction

Damselflies in the genus *Calvertagrion* St. Quentin are among the smallest Zygoptera, total length within 19 to 25 mm, comparable to *Ischnura capreolus* (Hagen, 1861), one of the smallest species in the New World (WESTFALL & MAY 2006). Only one species of *Calvertagrion* has been described to date, *C. minutissimum* (Selys, 1876), known only from Brazil (GARRISON & COSTA 2002). GARRISON et al. (2010) based the characterization of the genus *Calvertagrion* on that species alone.

ST. QUENTIN (1960) established the genus *Calvertagrion* for a species he thought was undescribed that did not fit in any established genus. He named the species *Calvertagrion dicellularis*, based on three specimens from Tapeirinha near Santarém, in western Pará State, Brazil, collected 21–31-vii-1927 by Hans Zerny, and deposited in the Natural History Museum, Vienna, Austria (NMW, Naturhistorisches Museum Wien). GARRISON & COSTA (2002)