

***Lamproneura lucerna* gen. nov., sp. nov. from Venezuela,
and *Cyanallagma ferenigrum* sp. nov.,
a remarkable new species from Brazil
(Odonata: Protoneuridae, Coenagrionidae)**

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Abstract

Lamproneura lucerna gen. nov., sp. nov. (Protoneuridae) is described from a male from the Turimiquire mountains, in northeastern Venezuela. Penis morphology places the new genus close to *Forcepsioneura*, *Psaironeura* and *Roppaneura*. The first Venezuelan record of the genus *Phasmoneura* is presented. *Cyanallagma ferenigrum* sp. nov. (Coenagrionidae) is described from a male and a female from Mato Grosso, Brazil. Morphologically, this species seems to bridge the gap between the *Adustum*-group of *Acanthagrion* and southeastern *Cyanallagma*.

Introduction

Knowledge of the neotropical Zygoptera is still poor, and the definitions of many genera are unsettled. Recently, colleagues at my institution brought back a curious protoneurid which cannot be assigned to any known genus because the combination of characters of its wing venation and secondary genitalia match no other protoneurid genus. I am creating a new genus for this undescribed species collected from a part of Venezuela known for its high number of endemic species.

The second species that I treat here is a coenagrionid from Brazil sent to me by Angelo Machado, Belo Horizonte, a few years ago. Its characters place it between *Acanthagrion* Selys, 1876 and *Cyanallagma* Kennedy, 1920. Provisionally, I have assigned this new species to the latter.