

***Phoenicagrion* gen. nov. for *Leptagrion flammeum*,
with description of a new species, *P. paulsoni*, from Peru
(Odonata: Coenagrionidae)**

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Key words: Odonata, dragonfly, Coenagrionidae, *Leptagrion*, *Aeolagrion*, *Hylaeonympha*, new genus, new species, South America.

ABSTRACT

The placement of *Leptagrion flammeum* in *Aeolagrion* is confirmed to be incorrect; comparison with all other described genera of New World Coenagrionidae shows that this species does not belong in any of them. A new genus, *Phoenicagrion* (type species *L. flammeum*), is here described to include *L. flammeum* and a new species, *P. paulsoni* (holotype ♂: Peru, Loreto department, Río Napo 50 km above Río Amazonas, 3°12'S, 72°57'W, 22 iii 2004, in UMMZ). A generic characterization, diagnoses, illustrations and distribution maps are provided.

RESUMEN

Se confirma que la inclusión de *Leptagrion flammeum* Selys, 1876 en *Aeolagrion* es incorrecta; comparación con todos los restantes géneros descriptos de Coenagrionidae americanos demuestra que esta especie no pertenece a ninguno de ellos. Un nuevo género, *Phoenicagrion* (especie tipo *L. flammeum*), se describe aquí para incluir a *L. flammeum* y a una nueva especie, *P. paulsoni* (holotipo ♂: Perú, departamento Loreto, Río Napo 50 km sobre Río Amazonas, 3°12'S, 72°57'W, 22 iii 2004, en UMMZ). Se proveen una caracterización genérica, diagnosis, ilustraciones y mapas de distribución.

INTRODUCTION

The family Coenagrionidae is the most diverse within Zygoptera with representatives spanning the entire world. In South America 34 genera and 289 species have been described but many of its generic concepts are artificial and several are composed of polythetic suites of characters while for others no unique combinations of characters are known (De Marmels & Garrison 2005; De Marmels 2007; von Ellenrieder &