

A new species of *Forcepsioneura* Lencioni, 1999 in honor to Queen Elizabeth II (Odonata: Protoneuridae)

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Abstract

A new species of *Forcepsioneura* Lencioni, 1999 is described from seven males and three females (Holotype ♂ (FAAL NC 4521), Brazil, São Paulo, Monteiro Lobato—SP, 22° 57' 19" S & 45° 50' 27" W, 653 m, 28.xi.2010). The new species is compared with *F. itatiaiae* (Santos, 1970) its closest congener. Diagnostic illustrations are presented. The main differences between *Forcepsioneura* species are: in females, the posterior lobe of the prothorax and in males the shape of cerci and the posterior lobe of the prothorax. The species is named *Forcepsioneura elizabethae* sp. nov. in honor of Her Majesty Queen Elizabeth II on the occasion of her platinum jubilee.

Key words: Zygoptera, new species, Neotropical, damselfly

Resumo

Uma nova espécie de *Forcepsioneura* Lencioni, 1999 é descrita utilizando-se sete machos e três fêmeas (Holótipo ♂ (FAAL NC 4521), Brasil, São Paulo, Monteiro Lobato—SP, 22° 57' 19" S & 45° 50' 27" O, 653 m, 28.xi.2010). A nova espécie é comparada com *F. itatiaiae* (Santos, 1970) seu congêner mais próximo. Ilustrações diagnósticas são apresentadas. As principais diferenças entre as espécies de *Forcepsioneura* são: nas fêmeas, o lobo posterior do protórax e nos machos, a forma de cercos e do lobo posterior do protórax. A espécie é nomeada *Forcepsioneura elizabethae* sp. nov. em homenagem a sua Majestade a Rainha Elizabeth II por ocasião de seu jubileu de platina.

Palavras-chave: Zygoptera, nova espécie, Neotropical, donzelinha

Introduction

Lencioni (1999) split *Phasnoneura* Williamson, 1916 erecting *Forcepsioneura* gen. nov. to accommodate *F. garrisoni* sp. nov., and assigned three previously described species, i.e., *F. eppiphigera* (Selys, 1886), *F. ciganae* (Santos, 1968) and *F. itatiaiae* (Santos, 1970), to the new genus. Machado (1999) considered *F. ciganae* as a junior synonym of *Protoneura sancta* Hagen in Selys, 1860. Three more taxa were added to *Forcepsioneura* (*F. lucia* Machado, 2000; *F. haerteli* Machado, 2001; *F. westfalli* Machado, 2001) until Machado (2004) split the genus establishing *Amazona* gen. nov. The latter was proposed for the new species *A. juruaensis* Machado, 2004 and other already known Amazon taxa were transferred creating the new combinations on nomina: *A. westfalli* and *A. eppiphigera* (Selys, 1886). Machado (2005) described *F. grossiorum*.

In the subsequent 15 years, six new species of *Forcepsioneura* were described (*F. regua* Pinto & Kompier, 2018; *F. serrabonita* Pinto & Kompier, 2018; *F. gabriela* Pimenta, Pinto & Takiya, 2019; *F. janeae* Pimenta, Pinto & Takiya, 2019; *F. lopii* Pinto & Araujo, 2020 and *F. machadorum* Vilela, Venâncio & Santos, 2020) increasing the knowledge of the genus and its distribution along the Atlantic rain forest. The larva of *F. sancta* was described by Anjos-Santos & Pessacq (2012) showing the larval features which separated *Forcepsioneura* from the other neotropical Protoneuridae.