



Description of the final instar larva of *Homeoura lindneri* (Ris, 1928) and redescription of the larva of *H. chelifera* (Selys, 1876) (Odonata: Coenagrionidae)

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Abstract

The final instar larvae of *Homeoura lindneri* and *H. chelifera* are described and illustrated based on reared specimens from Argentina. A generic diagnosis is provided, as well as a key to the larvae of the most common genera of Coenagrionidae present in Argentina.

Key words: Aquatic Insects, damselfly, Neotropical Region

Resumen

Se describe e ilustra el último estadio larval de *Homeoura lindneri* y *H. chelifera* sobre la base de ejemplares de Argentina criados hasta su emergencia. Se provee además una diagnosis genérica y una clave para los géneros más comunes de Coenagrionidae presentes en Argentina.

Introduction

Homeoura Kennedy is a neotropical genus of five species (von Ellenrieder 2008). The final instar larvae of two of them have been described: *H. chelifera* (Selys 1876) and *H. nepos* (Selys 1876) (Needham 1904; Calvert 1948). However, these descriptions are doubtful. Both larvae were described based on incomplete specimens from Brazil, identified by association with adults (they were not reared to confirm their specific status). Bulla (1971) re-described the larva of *H. chelifera* (which did not coincide with Needham's description) as part of his PhD thesis, but this work was never formally published and the specimens he studied are lost.

In this contribution we describe the larva of *H. lindneri* and re-describe the larva of *H. chelifera* based on reared specimens from Argentina. We provide a generic diagnosis of the *Homeoura* larva and a key to the larvae of the genera of Coenagrionidae present in Argentina.

Methodology

Nomenclature used to describe mandibular formula follows Watson (1956). Abbreviations for structures used throughout the text are as follows: SI–SX: abdominal segments 1 to 10. The specimens are deposited in the Collection of the Departamento Científico Entomología, Museo de La Plata, Argentina.