



Two new species of *Paravelia* Breddin, 1898 and distributional notes concerning the Veliidae from Minas Gerais State, Brazil (Insecta: Hemiptera: Heteroptera: Gerromorpha)

FELIPE FERRAZ FIGUEIREDO MOREIRA¹ & JULIANNA FREIRES BARBOSA²

Universidade Federal do Rio de Janeiro, Instituto de Biologia, Departamento de Zoologia, Laboratório de Entomologia, Avenida Carlos Chagas Filho 373, CCS, Bloco A, Sala 107. Cidade Universitária, Rio de Janeiro, RJ, Brasil. CEP 21941-971, Caixa Postal 68044. E-mails: ¹felipento@hotmail.com; ²julianna.freires@gmail.com

Abstract

Paravelia lanemelo **sp. nov.** and *P. nieseri* **sp. nov.** are described. *Microvelia inannana*, *Oiovelia brasiliensis*, *Rhagovelia modesta*, *R. novana*, *R. sooretama*, *R. teresa*, *R. vaninia*, and *R. zela* are recorded for the first time from Minas Gerais State. Additional records are presented for *M. longipes*, *M. pulchella*, *R. aiuruoca*, *R. hambletoni*, *R. macta*, *R. robusta*, *R. sabrina*, *R. triangula*, *R. trianguloides*, and *R. turmalis*.

Key words: Aquatic insects, Neotropics, taxonomy

Resumo

Paravelia lanemelo **sp. nov.** e *P. nieseri* **sp. nov.** são descritas. *Microvelia inannana*, *Oiovelia brasiliensis*, *Rhagovelia modesta*, *R. novana*, *R. sooretama*, *R. teresa*, *R. vaninia* e *R. zela* são registradas pela primeira vez no Estado de Minas Gerais. Registros adicionais são apresentados para *M. longipes*, *M. pulchella*, *R. aiuruoca*, *R. hambletoni*, *R. macta*, *R. robusta*, *R. sabrina*, *R. triangula*, *R. trianguloides* e *R. turmalis*.

Palavras chave: Insetos aquáticos, Neotrópico, taxonomia

Introduction

The fauna of aquatic Heteroptera from Minas Gerais is one of the best studied in Brazil, mainly because of the efforts of Professors Alan Lane de Melo and Nico Nieser since the end of the twentieth century (Moreira *et al.* 2011). Until the middle of 2010, 170 species of aquatic and semiaquatic bugs had been recorded from the state, comprising 114 species of Nepomorpha and 56 of Gerromorpha.

Among the Gerromorpha, Veliidae is the family with the most species so far recorded from the state, with 31 records up to the present. Nevertheless, only two species of *Paravelia* Breddin, 1898 have been reported: *P. basalis* (Spinola, 1837) and *P. rotundanotata* (Hungerford, 1930); but undescribed species are known to occur in several municipalities of the state (Nieser & Melo 1997; Moreira *et al.* 2011).

Considering this fact, and aiming to contribute to the taxonomy of Neotropical Veliidae, two new species of *Paravelia* are herein described based on material collected in Minas Gerais State; new records and distributional notes are also presented.

Materials and methods

In citations of label data, a comma separates different information, a period separates information on different spec-