

A new species of *Coleopterocoris* Hungerford from Southeastern Brazil, with notes on *C. hungerfordi* De Carlo and *C. kleerekoperi* Hungerford (Hemiptera: Heteroptera: Potamocoridae)

ROBERTA DE SÁ LONGO^{1, 2}, JOSÉ RICARDO INACIO RIBEIRO^{1, 3}, & JORGE LUIZ NESSIMIAN^{1, 4}

¹Departamento de Zoologia, Instituto de Biologia, Universidade Federal do Rio de Janeiro, Caixa Postal 68044, 21944-970, Rio de Janeiro, RJ, Brasil

²E-mail: roberta.longo@click21.com.br

³E-mail: belostom@acd.ufrj.br

⁴E-mail: nessimia@acd.ufrj.br

Abstract

Coleopterocoris nelsoni, a new species from the State of Rio de Janeiro, SE. Brazil, is herein described, illustrated, and compared with *C. kleerekoperi* and *C. hungerfordi*. The latter species is redescribed, including new aspects of the male genital structures, and newly recorded from the State of Rio de Janeiro. A key to the species of *Coleopterocoris* is provided. *Coleopterocoris kleerekoperi* is newly recorded from the State of Mato Grosso (Central W. Brazil).

Key words: Brazil, *Coleopterocoris hungerfordi*, *Coleopterocoris kleerekoperi*, *Coleopterocoris nelsoni* n. sp., male genitalia, new records, taxonomy, morphology, Neotropics.

Introduction

The Neotropical family Potamocoridae comprises two genera, *Coleopterocoris* Hungerford and *Potamocoris* Hungerford, each one with four extant species (Schuh & Slater 1995). *Coleopterocoris hungerfordi* De Carlo, *C. plaumanni* De Carlo, and *C. usingeri* De Carlo are recorded only from the State of São Paulo, SE. Brazil, whereas *C. kleerekoperi* Hungerford is known from S. Brazil; precise localities are unknown for this species (La Rivers 1950).

As stated by Hungerford (1942), *Coleopterocoris* species can be distinguished from the other Potamocoridae by the following combination of features: (1) body shorter (total length ranging from 2.4 to 3.5 mm), (2) head with small and curved eyes located on lateral margins, and (3) antennae with four segments.