



Redescription of *Ambrysus montandoni* La Rivers, 1963 (Hemiptera: Heteroptera: Naucoridae), with the first records for Brazil

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Abstract

The naucorid *Ambrysus montandoni* La Rivers is known from males collected from southern Venezuela. Presented here are a redescription of the male, original description of the female, illustrations of both sexes and genitalia, and the first records of the species from Brazil. Subgeneric associations in *Ambrysus* are discussed.

Key words: Hemiptera, *Ambrysus montandoni*, description, new records, Brazil, Venezuela

Introduction

The Ambrysini (Naucoridae: Cryphocricinae) currently is composed of the genera *Ambrysus* Stål 1862, *Cataractocoris* Usinger 1941, and *Carvalhoiella* De Carlo 1963; all these are endemic to the New World. Of these, *Ambrysus* is represented by 78 described species, making it by far the largest genus in number of species in Cryphocricinae; the genus is distributed from the U.S.A. to Argentina (La Rivers 1965; Nieser *et al.* 1999). In Brazil, 12 species of *Ambrysus* have been recorded (Moreira *et al.* 2011), however, little is known about the distribution of these species within the country. Frequently, only vague or questionable locality records are available and associated only with the original descriptions.

Ambrysus montandoni La Rivers (1963) is a little known species in the subgenus *Syncollus* (La Rivers 1965) that is known only by male specimens described from Venezuela. Later, Sites & Nichols (1999) described the morphology of the eggs of various species of Naucoridae, including the eggs of *A. montandoni*. However the female of this species remains undescribed. Here we present a redescription of the male and original description of the female of *A. montandoni*. In addition, both sexes and their genitalia are illustrated and the first record from Brazil and new records from Venezuela are presented.

Materials and methods

All measurements are given in millimeters and were always taken in their maximum dimensions. Lengths were measured at the midline. The Brazilian specimens in this study are deposited in the Collection of Invertebrates of the Instituto Nacional de Pesquisas da Amazônia, Manaus (INPA) and in the Collection of Invertebrates of the Department of Parasitology, Universidade Federal de Minas Gerais, Belo Horizonte (DPIC); they are preserved in 80° GL ethyl alcohol. Additional pinned specimens from Venezuela were examined and are deposited in the Enns Entomology Museum, University of Missouri (MU).