



Taxonomical and biological notes on Neotropical Apiomerini (Hemiptera: Heteroptera: Reduviidae: Harpactorinae)

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Abstract

New occurrences of Apiomerini species are recorded: *Apiomerus arnau* Costa Lima, Seabra & Hathaway and *Apiomerus gallegoi* Costa Lima, Seabra & Hathaway from Brazil, and *Heniartes scutellatus* Wygodzinsky from Surinam. Remarks on the color variation of *Agriocleptes bahianus* Wygodzinsky, *Apiomerus evanidus* Distant, *Apiomerus gallegoi*, and *Heniartes scutellatus* are given. Based on color variation within a single population and the absence of structural differences between the two forms, *Heniartes australis* Wygodzinsky is placed in synonymy with *Heniartes jaakkoi* Wygodzinsky. Observations on sticky substances on fore legs of live nymphal instars of *Apiomerus mutabilis* and *Heniartes jaakkoi* are provided. Occurrence of eggs of Tachinidae on adults of *Heniartes jaakkoi* and *Apiomerus mutabilis* Costa Lima, Seabra & Hathaway is recorded for the first time for the tribe Apiomerini.

Key words: Apiomerini, color variation, Neotropical, new records, new synonymy

Resumo

Novos registros de ocorrências de espécies de Apiomerini são apresentados pela primeira vez: *Apiomerus arnau* Costa Lima, Seabra & Hathaway e *Apiomerus gallegoi* Costa Lima, Seabra & Hathaway no Brasil e *Heniartes scutellatus* Wygodzinsky no Suriname. A variação cromática de *Agriocleptes bahianus* Wygodzinsky, *Apiomerus evanidus* Distant, *Apiomerus gallegoi* e *Heniartes scutellatus* é comentada. Baseando-se na variação cromática observada em uma única população e na ausência de diferenças estruturais entre as duas formas, *Heniartes australis* Wygodzinsky é colocado na sinóníma de *Heniartes jaakkoi* Wygodzinsky. Relatam-se observações sobre a substância adesiva nas pernas anteriores de ninfas vivas de *Apiomerus mutabilis* e *Heniartes jaakkoi*.

A ocorrência de ovos de Tachinidae sobre adultos de *Heniartes jaakkoi* e *Apiomerus mutabilis* Costa Lima, Seabra & Hathaway é relatada, sendo o primeiro registro para Apiomerini.

Palavras-chave: Apiomerini, Neotropical, nova sinóníma, novos registros, variação cromática

Introduction

Harpactorinae is the largest subfamily of Reduviidae and is represented by the tribes Apiomerini and Harpactorini in the Neotropical Region (Schuh & Slater 1995). The exclusively Neotropical tribe Apiomerini has 12 valid extant genera (Gil-Santana *et al.* 2002, 2003, 2006; Bérenger 2006); most of them are monotypic, with the notable exception of *Apiomerus* Hahn, 1831, which has more than 100 described species (Maldonado 1990; Gil-Santana & Milano 2007).

Color variation is a common feature of Harpactorinae, as exemplified by several species of Apiomerini, particularly species of *Apiomerus*. Because color patterns are usually useful to discriminate between species,