



New records of *Dipsocoromorpha*, *Cimicomorpha* and *Pentatomomorpha* (Hemiptera: Heteroptera) from Argentina

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Abstract

Twenty species of Heteroptera belonging to seven families are recorded for the first time for Argentina: Ceratocombidae (1 sp.), Reduviidae (1 sp.), Miridae (4 sp.), Nabidae (5 sp.), Largidae (2 sp.), Rhyparochromidae (4 sp.), Berytidae (1 sp.), Colobathristidae (1 sp.) and Pachygronthidae (1 sp.). The following genera represent new records from Argentina: *Astemmoplitus*, *Bathycles*, *Tenuicoris*, *Pseudopamera* (Rhyparochromidae), *Diascopoea* (Colobathristidae). A new synonym in the family Largidae is established: *Largus umbrosus* Distant is considered a junior synonym of *Largus trochanterus* Signoret.

Key words: Ceratocombidae, Reduviidae, Miridae, Nabidae, Largidae, Rhyparochromidae, Berytidae, Colobathristidae, Pachygronthidae

Introduction

With the aim of improving the knowledge of the biodiversity of terrestrial Heteroptera from Argentina, the authors have published a series of contributions with new records for the country (Carpintero & Carvalho 1993, Melo & Coscarón 2004, Melo *et al.* 2004; Carpintero *et al.* 2006). Continuing with this goal, in this paper the authors record 20 species of Heteroptera for the first time from Argentina, belonging to seven families: Ceratocombidae (1 sp.), Reduviidae (1 sp.), Miridae (4 sp.), Nabidae (5 sp.), Largidae (2 sp.), Rhyparochromidae (4 sp.), Berytidae (1 sp.), Colobathristidae (1 sp.), and Pachygronthidae (1 sp.).

Our knowledge of the diversity of Argentinean Heteroptera is far to be complete; particularly in certain families due to the absence of specialists. This is evident for example in the small family Nabidae for which the authors recorded five species for the first time after the survey and study of collections. This is also true in highly diverse families, such as Miridae and Reduviidae, despite specialists are working on the Argentinean fauna. Carpintero & Carvalho (1993) mentioned 431 species of Miridae from Argentina, a number that has increased about 50% since, with the description of more species and new country records reported. The first record of the family Ceratocombidae from Argentina was given by Carpintero and Farina (2005) in the VI Congreso Argentino de Entomología, and later published by Marrero *et al.* (2008) as *Ceratocombus* sp. Herein, we mention for the first time a species previously known only from Brazil.

The rhyparochromid genera *Astemmoplitus* Spinola, *Bathycles* Distant, *Tenuicoris* Slater & Harrington, *Pseudopamera* Distant, and the colobathristid genus *Diascopoea* Horváth represent new records for Argentina. The largid *Largus umbrosus* Distant is considered a junior synonym of *Largus trochanterus* Signoret.

The material examined belongs to the collections of Museo Argentino de Ciencias Naturales, Argentina (MACN); Museo de La Plata, Buenos Aires, Argentina (MLP); and National Museum of Natural History, Smithsonian Institution, Washington, DC, USA (USNM).