



The Ochteridae of Ecuador, with new records and an identification key (Hemiptera: Heteroptera: Nepomorpha)

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Abstract

Two species of Ochteridae, *Ochterus manni* Hungerford, 1927 and *O. viridifrons* (Champion, 1901) are recorded for the first time from Ecuador, so that thus six species belonging to the genus *Ochterus* Latreille, 1807 and one to the genus *Ocyochterus* Drake & Gómez-Menor, 1954 are now recorded from Ecuador. A remark on the endemic *O. unidentatus* Chen & Nieser, 1992, a checklist of the Ochteridae of Ecuador, and an identification key to the Ecuadorian species are provided.

Key words: Ochteridae, Ecuador, key, checklist, new records

Introduction

The superfamily Ochteroidea is composed of Gelastocoridae and Ochteridae (Hebsgaard *et al.* 2004). Ochteridae has two genera in the Western Hemisphere: *Ochterus* Latreille, 1807 and *Ocyochterus* Drake & Gómez-Menor, 1954, both of which are found in Ecuador. It is a small family with about 70 living species in the world, and less than 20 of these occurring in the Western Hemisphere (Polhemus & Polhemus 2008).

The New World species of *Ochterus* belong to the subgenus *Neochterus* Mahner, 1993 due to their lack of appendices on the right paramere (Mahner 1993). The monospecific genus *Ocyochterus* was created by Drake & Gómez-Menor (1954) to hold a species from Ecuador described by Bolívar (1879) as *Pelogonus victor*.

Schell (1943) provided the latest revision of the New World species in the family when she described a new species for Ecuador in addition to listing two more species for this country. Froeschner (1981) subsequently raised the number of species from Ecuador to four. Nieser & Chen (1992) described a further new species from Ecuador, but this species was not included among the Ochteridae of South America by Heckman (2011). A recent entomological expedition to the region recorded two new species from Ecuador: *Ochterus manni* Hungerford, 1927 and *O. viridifrons* (Champion, 1901).

Material and methods

In the text the following abbreviations are used:

HT = Holotype

ST = Syntype

BNHM Natural History Museum, London, UK

CFC F. Cianferoni private collection, Florence, Italy

IEEM Spanish Institute of Entomology, Madrid, Spain

KUNH University of Kansas Natural History Museum, Lawrence, Kansas, USA

MNHN National Museum of Natural History, Paris, France