



## The genus *Hydrometra* Latreille in Ecuador with description of a new species (Hemiptera: Heteroptera: Gerromorpha: Hydrometridae)

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### Abstract

*Hydrometra argentina* Berg is reported for Ecuador for the first time. *H. aequatoriana* n. sp. is described from western Andean Ecuador. Male terminalia separate this species from other congeneric species. Four species of *Hydrometra* are now known to occur in Ecuador: *H. argentina*, *Hydrometra caraiba* Guérin-Ménéville, *Hydrometra williamsi* Hungerford & Evans and *H. aequatoriana* n. sp.

**Key words:** *Hydrometra*, *H. aequatoriana*, Ecuador, new species, new records, species checklist

### Introduction

The Western Hemisphere species of the genus *Hydrometra* Latreille, 1796 were taxonomically revised by Hungerford & Evans (1934). Later Drake & Hottes (1952), Drake & Lauck (1959) and Mychajliw (1961) described new taxa and summarized the Hydrometridae of the Americas. More recently, regional accounts for this genus in South America were provided by Nieser (1970) for Suriname, Froeschner (1981) for Ecuador, and Moreira *et al.* (2009) for Brazilian Amazon. The latest comprehensive account on South American *Hydrometra* is given by Heckman (2011) which lists 16 species for the whole South America and 2 species for Ecuador, i.e. *H. caraiba* Guérin-Ménéville, 1857 and *H. williamsi* Hungerford & Evans, 1934.

Recent field collecting in Ecuador resulted in the material listed below, adding new records and one new species herein described.

### Material and methods

Terminology of morphology follows Polhemus & Polhemus (1995), and Polhemus & Lansbury (1997). Drawings were made with the help of a camera lucida on a Wild M7 stereomicroscope. Measurements are in millimetres.

Abbreviation list:

MZUF      Natural History Museum of the University of Florence, Zoological Section “La Specola”.  
CFC        F. Cianferoni collection, Florence, Italy  
FMB        F.M. Buzzetti collection, Arzignano, Italy.