



***Peyrierocoris* a new genus of Harpactorinae (Hemiptera: Heteroptera: Reduviidae) from Madagascar**

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Abstract

Peyrierocoris, a new genus and two new species from Madagascar, are described from specimens selected from Collection of the Muséum national d'Histoire naturelle, Paris, France; Koninklijk Museum voor Midden-Afrika, Tervuren, Belgium; Moravské Zemské Muzeum, Brno, Czech Republic and Tiroler Landesmuseum Ferdinandeum, Innsbruck, Austria. Two new species *P. mirabilis* and *P. guilberti* are described. A key to the species is also provided.

Key Words: Reduviidae, Harpactorinae, *Peyrierocoris*, new genus, new species, Madagascar

Introduction

Harpactorinae is the largest subfamily among all assassin bugs, but the Madagascan fauna of this subfamily is represented only by 21 genera and among them only 9 endemic genera are known so far (Maldonado Capriles 1990). There are only two synthetic works describing the fauna of Reduviidae from Madagascar (Villiers 1968, 1979). These papers contain descriptions and keys to the selected subfamilies of assassin bugs, but Harpactorinae are one of the exceptions. There is no complete work on Madagascan representatives of Harpactorinae. Nevertheless, during examination of undetermined materials deposited in the Collections of the Muséum national d'Histoire naturelle, Paris; Koninklijk Museum voor Midden-Afrika, Tervuren, Belgium; Moravské Zemské Muzeum, Brno, Czech Republic and Tiroler Landesmuseum Ferdinandeum, Innsbruck, Austria 10 small specimens were found and they could not be placed in any of known genera. Examination of these specimens show that they belong to a new undescribed genus and 2 new species, which are described in the present paper. Distributional data and a key to the species is also provided.

Material and methods

External structures were examined using a stereoscopic microscope olympus SZX9. All drawings were made using a camera lucida. Genitalia were boiled in 10% KOH for 3 minutes, rinsed in distilled water, and dissected under a stereoscopic microscope MST-132. Dissected genitalia are stored in PVC microvials with glycerol and attached to the pin with the dissected specimen. Measurements are given in millimeters. All type specimens are deposited in the Collection of the Muséum national d'Histoire naturelle, Paris, France.

Quoting the labels of specimens: (/) is used to divide data on different rows on the label, (;) is used to divide data on different labels, ([]) is used for author's comments.

A base map of Madagascar was generated on the website <http://www.aquarius.geomar.de/omc>.