

## First description of species of *Chvalaea* Papp & Földvári from the Neotropical Region (Diptera, Hybotidae, Ocydromiinae)

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### Abstract

The species of *Chvalaea* Papp & Földvári from the Neotropical Region are described for the first time: *C. amazonica*, **sp. n.**; *C. boliviana*, **sp. n.**; *C. catarinensis* **sp. n.**; *C. masneri*, **sp. n.** and *C. pulchra*, **sp. n.** The male of this genus is described for the first time. A key to the Neotropical species of *Chvalaea* is also provided.

**Key words.** Neotropical Region, Ocydromiini, taxonomy

### Introduction

The occurrence of the genus *Chvalaea* in the Neotropical Region has been previously reported (Sinclair & Cumming 2000, as undescribed genus B; Papp & Földvári 2001), but no species have been described from the area. The male of this genus is also undescribed until now. Five new Neotropical species of the *Chvalaea*, including males, are being described and illustrated in this paper.

The material studied was borrowed from the following institutions: Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil (INPA); Museu de Zoologia da Universidade de São Paulo, São Paulo, Brazil (MZSP); Canadian National Collection, Ottawa, Canada (CNC).

Terms used for adult structures and abbreviations follow those of McAlpine (1981), except for male terminalia where the homologies follow those of Cumming *et al.* (1995) and Sinclair (1996). Abbreviations used in the text are: A = anterior; AV = anteroventral; AD = anterodorsal; D = dorsal; dv = dorsal view; F = female; Fig = figure; ht = holotype; lv = lateral view; M = male; P = posterior; PD = posterodorsal; pt = paratype; PV = posteroventral; V = ventral; vv = ventral view.