



## A new species and records of *Alepia* Enderlein (Diptera, Psychodidae, Psychodinae) from Argentina

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### Abstract

A new species of Neotropical Psychodidae, *Alepia claritae* **sp. nov.**, is described from Argentina. Specimens were collected in a Malaise trap located in Misiones Province. Based on material from the same locality, we include a re-description of the adult male of *Alepia copelata* Quate (1999), previously known from Barro Colorado Island, Panama. These are the first records of *Alepia* and the sixth record of a psychodine species for the Neotropical region of Argentina. A list of the non-phlebotomine Psychodidae for Argentina is included.

**Key words:** Diptera, moth flies, Neotropical, Misiones Province

### Introduction

The genus *Alepia* Enderlein, 1937 includes fifty-three described Neotropical species (Quate 1963, Bravo et al. 2004, Quate & Brown 2004, Wagner & Hribar 2004, Wagner & Svensson 2006, Bravo 2008, Wagner et al. 2008, Wagner et al. 2010, Jezek et al. 2011) and is one of the most diverse genera of Psychodidae in the region (Quate & Brown 2004; Bravo 2008). Adults of *Alepia* are characterized by a suite of characters including an infusate pattern on the wing membrane and multiple tenacula bearing modified tips, which are often confined to a basal black pad on the cerci (surstyli in Quate & Brown 2004). This contribution includes a description of *Alepia claritae* **sp. nov.** based on specimens collected from Misiones Province, Argentina and a re-description of the adult male of *Alepia copelata* Quate (1999) based on material collected in Misiones Province, Argentina. The re-description of the latter species is addressed as an extension of the original description by Quate, adding figures of different structures (head, antenna, palpus) that are missing in the original description. In addition, a list of the non-phlebotomine Psychodidae recorded from Argentina is given.

### Material and methods

The specimen was cleared with hot 10% sodium hydroxide and mounted on a slide in Canada balsam. General terminology for Diptera follows that of McAlpine (1981), while specific morphological terminology for Psychodidae follows Bravo (2008). The holotype specimen was deposited in the collection of Museo de Ciencias Naturales de la Plata, La Plata, Argentina (MLP). Biogeographical regions are in accordance with Morrone (2006)