

## Description of a new species of *Microcerella* (Diptera: Sarcophagidae) from Argentinean Patagonia

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### Abstract

*Microcerella coniceti* sp. nov. is described and illustrated from Santa Cruz province, Argentina, based on male specimens. A new record of *Microcerella curicoensis* (Lopes) from Austral Argentinean Patagonia is provided.

**Key words:** Diptera, Sarcophagidae, *Microcerella*, new species, Argentinean Patagonia

### Introduction

*Microcerella* Macquart is most diverse in the Neotropical Region, especially at high elevations and in the southern temperate zones (Pape 1990). Seventy-three species of *Microcerella* are presently known in the New World (Pape 1996, Mariluis 2002a, 2004), of which 22 are recorded from Argentinean Patagonia (Pape 1996, Mariluis 2002a, Mariluis 2002b, 2004).

Twenty genera, mostly monotypic, were grouped into Microcerellini by Lopes (1969). All of these genera were synonymized under *Microcerella* by Pape (1990).

A detailed study of material obtained from collecting trips to Argentinean Patagonia (1997–1998 and 2004–2005) has revealed a new species of *Microcerella*, which is described and illustrated below. Also, *Microcerella curicoensis* (Lopes 1982a) is newly recorded from Argentinean Patagonia.

### Materials and methods

The terminology used for descriptions of external morphology is that of McAlpine (1981), and terminology of phallic (or aedeagal) structures follows Lopes (1956), Pape (1994),