

## Seven new species of New World *Puliciphora* Dahl (Diptera: Phoridae) with a new key to the Neotropical species

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### Abstract

New species of Neotropical *Puliciphora* described are *P. cacaulandiae*, *P. laranjae*, *P. longitergum*, *P. macrolunarum*, *P. mexicanae*, *P. reevesi*, which is also recorded from the Nearctic Region, and *P. parsetosa*. *Pachyneurella* is returned to being a subgenus of *Puliciphora*. *P. rata* and *P. tambo-pata* are synonymised with *P. venata*. A new key to the females of the Neotropical species is provided.

**Key words:** Diptera, Phoridae, *Puliciphora*, new species, synonyms, Nearctic, Neotropical, key

### Introduction

The genus *Puliciphora* Dahl includes nearly one hundred species. Currently species recognition is based on the female sex in the first instance. Recent keys for both sexes are only available for the Palaearctic species (Disney & Michailovskaya, 2001). This paper describes and names the females of seven new species and provides a new key to all the Neotropical species. The genus *Pachyneurella* Brues is returned to the rank of subgenus within *Puliciphora*. Two synonyms are proposed.

The specimens are all mounted in Berlese Fluid on slides (Disney, 1994, 2001) and holotypes of the new species are deposited in the Cambridge University Museum of Zoology (CUMZ). The addition such as '-14-52' refers to a coding on the slide label that cross refers to notebook 14 page 52.

The following abbreviations for the frontal bristles are employed. SAs = supra-antennals, Als = anterolaterals, POs = pre-ocellars. The SPS vesicles are the internal subcuticular pit sensilla of the antennal postpedicels.