

***Panurgus platymerus* Pérez, 1895 (Hymenoptera: Andrenidae) synonymy, status of the Warncke lectotype**

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Abstract

The usual definition of *Panurgus platymerus* Pérez, 1895 does not fit the lectotype designated by Warncke in the Pérez collection. We propose here to place the specimens previously determined as *Panurgus platymerus* under the name *Panurgus pyropygus* Friese, 1901. *Panurgus platymerus* will be reserved for specimens of a large North-African species close to *Panurgus cephalotes* Latreille, 1811.

Key words: Hymenoptera, Andrenidae, *Panurgus platymerus*, *Panurgus pyropygus*, synonymy

Introduction

The lectotype of *Panurgus platymerus* Pérez, 1895 has not been examined until the present work. Patiny (1999, 2001) based his previous studies on interpretation of the species by Warncke (1972). For most species, examination of the Pérez collection (Paris, MNHN) shows that Warncke was right in his interpretation of the Pérez taxa. Nevertheless, in the case of *P. platymerus*, Warncke was wrong. The species to which the *P. platymerus* lectotype belongs -designated by Warncke- and the taxon usually called *P. platymerus* fall into two different subgenera. Four subgenera are recognized in *Panurgus* Panzer, 1806 (Patiny, 1999), based on the morphology of sexual structures. The lectotype designated for *P. platymerus* in the Pérez collection displays a morphology close to *Panurgus cephalotes* Latreille, 1811, and belongs to the subgenus, *Panurgus* s.str. On the other hand, the species usually named *P. platymerus* by the same author belongs to the subgenus *Euryvalvus* in which Patiny placed it at the time of the subgeneric description. In the present study, each species is newly described, their statuses are discussed, the available names are cited and new taxonomic positions are proposed.