

Notes on the type species of the subgenera *Paratetrapedia* (*Lophopedia*) and *P. (Amphipedia)* (Hymenoptera, Apidae, Tapinotaspini)

ANTONIO J. C. AGUIAR^{1,2} & GABRIEL A. R. MELO^{1,3}

1. Departamento de Zoologia, Universidade Federal do Paraná, Caixa Postal 19020, Curitiba, Brazil, 81530-980.

2. Graduate Program in Entomology. E-mail: ajcaguiar@gmail.com

3. E-mail: garmelo@ufpr.br

Abstract

The type material of *Tetrapedia haeckeli* Friese, 1910, *T. testacea* var. *nigriceps* Friese, 1899, *T. pygmaea* Schrottky, 1902 and *T. punctifrons* Smith, 1879 are studied and lectotypes designated for the first three names. Taxonomic notes are provided, and sterna 6–8, genitalia, face and mesoscutum of *Paratetrapedia haeckeli* are illustrated. The subgenus *Paratetrapedia (Amphipedia)* Michener & Moure, 1957 is here synonymized with *Paratetrapedia (Lophopedia)*.

Key words: *Paratetrapedia*, *Tropidopedia*, *Amphipedia*, *Lophopedia*, oil-bees, Neotropical

Introduction

The subgenus *Paratetrapedia (Amphipedia)* was described by Michener & Moure (1957) with *Tetrapedia haeckeli* Friese, 1910 as its type species, based on the examination of one specimen deposited in the MZSP bearing Friese's identification label. Friese (1910) described *Tetrapedia haeckeli* based on a series of males and females without indicating the type-locality, and since then a lectotype has not been designated. *Paratetrapedia (Lophopedia)* was also described by Michener & Moure (1957), based on the type species *Tetrapedia pygmaea* Schrottky, 1902. Schrottky (1902) described *T. pygmaea* based on a series of males and females from three localities in the State of São Paulo (Brazil): Botucatu, São José do Rio Pardo and Jundiá.

The major aim of this study is to stabilize the names of the type species of *Amphipedia* and *Lophopedia*, through the designation of their respective lectotypes. A third name, *Tetrapedia testacea* var. *nigriceps* Friese, 1899, described from males and females from Bolivia (without indication of specific locality data), is also treated here.