

A new species of *Neocorynura* from Ecuador (Hymenoptera: Halictidae), with notes on taxonomy of the genus

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Abstract

A new species of the Neotropical bee genus *Neocorynura* (Halictinae: Augochlorini) is described and figured. *Neocorynura miae*, new species, combines characters traditionally used to distinguish *Neocorynura* from its relative *Andinaugochlora* (sensu Michener, 2000). The taxonomic placement of *N. miae* in the genus is presented and a revised diagnosis of *Neocorynura* is provided.

Key words: Apoidea, Augochlorini, Phylogeny, Bee, Colombia

Resumen

Se describe una especie nueva de abeja del género Neotropical *Neocorynura* (Halictinae: Augochlorini). *Neocorynura miae*, especie nueva, combina caracteres usados tradicionalmente para distinguir *Neocorynura* del género cercano *Andinaugochlora* (sensu Michener, 2000). Se presenta la ubicación taxonómica de *N. miae* en el género, así como una diagnosis revisada de *Neocorynura*.

Palabras clave: Apoidea, Augochlorini, filogenia, abeja

INTRODUCTION

The bee genus *Neocorynura* Schrottky is one of the largest genera in the bee tribe Augochlorini (Halictidae: Halictinae) with approximately 60 to 65 described species (Eickwort 1969, Moure and Hurd 1987, Engel 1999, Engel 2000, Michener 2000), and an equal number of undescribed species (Smith-Pardo, unpubl.data). It ranges from northern Argentina to Mexico (Eickwort 1969, Engel 2000, Michener 2000). There are no comprehensive studies of the genus or its diversity, but preliminary data suggest a larger