

A new species of *Phanaeus* Macleay (Coleoptera: Scarabaeidae: Scarabaeinae: Phanaeini) from Oaxaca, Mexico

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Abstract

Phanaeus zapotecus Edmonds, **new species**, is described. This species occurs in the vicinity of Sola de Vega in the Sierra Madre del Sur of Oaxaca (Mexico), where it was collected from mushrooms in pine-oak forest. It is illustrated and compared with the closely related Mexican species *Phanaeus endymion* Harold and *Phanaeus halffterorum* Edmonds.

Resumen: Se describe *Phanaeus zapotecus* Edmonds, **especie nueva**, especie micetófaga que habita en los bosques pino-encino de la Sierra Madre del Sur en los alrededores de Sola de Vega, Oaxaca (México). Se compara con sus parientes, las especies mexicanas *Phanaeus endymion* Harold y *Phanaeus halffterorum* Edmonds.

Key words: *Phanaeus*, Mexico, Oaxaca, new species

Introduction

The genus *Phanaeus* comprises approximately 48 exclusively New World species distributed from Argentina to the United States. Species in this genus are known especially for their bright metallic coloration and striking sexual dimorphism. The group was revised by Edmonds (1994), who recognized two subgenera and thirteen species groups, and later briefly reviewed by Arnaud (2004). The purpose of this paper is to describe a new species, belonging to the *P. endymion* species group, discovered by Henry and Anne Howden in Oaxaca, Mexico. The *P. endymion* species group occurs from northwestern South America to southern Mexico.