

New species of dung beetles (Coleoptera: Scarabaeidae: Scarabaeinae) from Mexico and Costa Rica

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Abstract

The following new species of dung beetles (Coleoptera: Scarabaeidae) are described: *Canthidium margaritae* **sp. nov.** from Mexico and *Canthon inusitatus* **sp. nov.** from Costa Rica. Illustrations of the dorsal habitus and distribution maps are provided for both species.

Key words: Coleoptera, Scarabaeidae, *Canthidium*, *Canthon*, new species, Mexico, Costa Rica

Resumen

Las siguientes especies nuevas de escarabajos estercoleros (Coleoptera : Scarabaeidae) se describen de México y Costa Rica: *Canthidium margaritae* **sp. nov.** y *Canthon inusitatus* **sp. nov.** Se incluyen ilustraciones del hábito dorsal de las dos especies, así como sus respectivos mapas de distribución.

Introduction

In this paper we describe *Canthidium margaritae* **sp. nov.**, a species that inhabits cloud forest mixed with oaks in the Mexican state of México, between 1,750 and 1,800 m above sea level. We also describe *Canthon inusitatus* **sp. nov.**, a species that inhabits cloud forests (lower montane rain forest according to the Holdridge life-zone system [1967]) in the Costa Rican province of Heredia, at 2000 m above sea level. These new species bring the total number of Mexican *Canthidium* species to 14 (see Kohlmann and Solís 2006) and the Costa Rican *Canthon* species to 21 (see Solís and Kohlmann 2002).

Measurements were made to the nearest 0.1 mm using an ocular micrometer. The holotype and five paratypes of *C. margaritae* are deposited in the Institute of Ecology collection (Leonardo Delgado) in Xalapa, México, and two paratypes are deposited in the