# New species and records of Copris (Coleoptera: Scarabaeidae; Scarabaeinae) from Central America 

BERT KOHLMANN ${ }^{1}$, ENIO CANO ${ }^{2}$ AND LEONARDO DELGADO ${ }^{3}$<br>${ }^{1}$ Universidad EARTH, Apdo. 4442-1000, San José, Costa Rica bkohlman@earth.ac.cr<br>${ }^{2}$ Universidad del Valle de Guatemala, Guatemala, Guatemala ecano@uvg.edu.gt<br>${ }^{3}$ Instituto de Ecología, A. P. 63, 91070 Xalapa, Ver., México delgadol@ecologia.edu.mx


#### Abstract

Two new species of Copris Geoffroy from Guatemala and Honduras are described and illustrated: Copris caliginosus sp. nov. and Copris nubilosus sp. nov. Both species are related to C. sallei Harold, which is redescribed and illustrated for the first time. A key for the remotus complex is also included. New distributional records of Copris are provided for five species and subspecies from Guatemala and El Salvador.


Key words: Coleoptera, Scarabaeidae, Copris, new species, new records, Central America, El Salvador, Guatemala, Honduras, cloud forest

## Introduction

At present the New World representatives of the genus Copris Geoffroy comprise 29 species. The US and Canada report nine species, twenty more are distributed in Mexico, whereas nine species are known from Central America and one in South America (Matthews, 1961; Matthews and Halffter, 1968; Warner, 1990; Ratcliffe, 1998; Delgado and Kohlmann, 2001; Solís and Kohlmann, 2003).

In this paper we describe two new species of Copris inhabiting the cloud forests of Guatemala and Honduras, between 1,300 and $1,800 \mathrm{~m}$ elevation; bringing the number of New World Copris to 31. In addition, we also redescribe and illustrate the male of C. sallei Harold to aid in its comparison to the new species. Drawings of the male dorsal and lateral habitus and a distribution map for the new species and other taxa are also provided. A key for the remotus complex is also included.

