

New Records of ground beetles for Colombia (Coleoptera: Carabidae)

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Abstract

New records of ground beetles are given for Colombia, some of these also new for South America. The records for Colombia include the tribe Panagaeini, 33 genera (with 53 species) as follows: *Adrimus*, *Aporesthus*, *Askalaphium*, *Aspasiola*, *Barysomus*, *Coptia*, *Ctenodactyla*, *Cylindronotum*, *Diploharpus*, *Eucaerus*, *Goniocellus*, *Hyboptera*, *Laemostenus*, *Mizotrechus*, *Oodinus*, *Otoglossa*, *Pleuracanthus*, *Pogonodaptus*, *Pseudaptinus*, *Stenocheila* and *Stenolophus* (Harpalinae), *Ozaena*, *Pheropsophus*, *Physeia* and *Platycerozaena* (Pausinae), *Elaphropus*, *Meotachys*, *Micratopus*, *Mioptachys* *Paratachys*, *Polyderis*, *Tachys* and (Psydrinae: Bembidiini) *Stratiotes* (Scaritinae: Scaritini). The genera *Goniocellus* and *Pogonodaptus* and thirteen species are new records for South America. Most of the specimens came from samples collected in the Insect Diversity of Colombia project; additional information was obtained from various entomological collections.

Keys words. Biodiversity, ground beetles, insects, insect surveys, Neotropical Region, systematics and taxonomy

Introduction

The Family Carabidae is one of the most speciose groups of Coleoptera, with approximately 481 genera and more than 9,000 species in the Western Hemisphere alone (Erwin 2003a, 2003b). There have been very few studies or inventories of this family in Colombia. Martínez (2002) presented a synopsis of the Harpalinae of the country, and has in preparation a guide to most supraspecific taxa of Colombian carabids.

The project "Insect Diversity of Colombia", conducted by the Instituto Humboldt in association with the Parks Unit of the Ministerio del Medio Ambiente de Colombia, the University of Kentucky and the National Science Foundation (NSF) of the United States, is conducting surveys of insects in a number of Natural National Parks across the country,