



Two new Stratiomyinae, including *Panamamyia* gen. nov., from the Neotropical Region (Diptera: Stratiomyidae)

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Abstract

A new species of *Hoplitimyia* James, *H. inbioensis* sp. nov., is described from Costa Rica. A new genus, *Panamamyia* gen. nov. (type species *P. silbergliedi* sp. nov.) is described from Panama. Both taxa are very rare in collections, not having been taken during extensive Malaise trap surveys in Costa Rica.

Key words: Diptera, Stratiomyidae, *Hoplitimyia*, *Panamamyia*, new genus, new species, Costa Rica, Panama

Introduction

A taxonomic treatment of the taxa of the subfamily Stratiomyinae found in Central America and Mexico was published by James & McFadden (1979), but the scope of this work was relatively restricted, being based on a limited amount of material largely borrowed from institutions. Since that time, a number of collecting efforts have significantly added to the available material of Stratiomyidae from the region. Both new species described in this paper are rare taxa that have not been collected by extensive Malaise trap surveys that have been undertaken in Central America. One represents a new genus that is being described for inclusion in an upcoming manual of the Diptera of Central America.

Materials and Methods

Morphological terminology follows McAlpine (1981). Despite examination of unsorted Stratiomyidae from many institutions over the years, only one contained a specimen of one of the species described in this paper, the Instituto Nacional de Biodiversidad, Santo Domingo, Costa Rica (INBio). All of the other specimens were collected by myself, and are deposited in the National Museum of Natural History, Smithsonian Institution, Washington, D.C. (USNM).