

## ***Quichuamyia*, a new Neotropical genus of Stratiomyidae (Insecta: Diptera)**

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### **Abstract**

A new Neotropical genus of Stratiomyidae, *Quichuamyia* gen. nov., is described and illustrated, including the two new species, *Quichuamyia aplanatantennae* sp. nov. and *Quichuamyia costariensis* sp. nov.

**Key words:** Clitellariinae, fly, soldier fly, new species

### **Introduction**

Two new species of Stratiomyidae were discovered during a study of the world Clitellariinae that have characteristics placing them within the subfamily. Based on a preliminary initial morphological phylogenetic analysis (Brammer, unpublished), these species represent a new genus that appears to be closely related to clitellariine genera *Euryneura* Schiner, *Diaphorostylus* Kertész, *Meringostylus* Kertész, and *Ditylometopa* Kertész. The genus has been collected by the author in Ecuador, and other museum collections have specimens from Peru, Panama, Colombia, and Costa Rica. The genus is infrequent in collections, and although it is distinct from other stratiomyids, it has been most often identified as the genus *Euryneura* Schiner.

### **Materials and methods**

I followed morphological terminology of McAlpine (1981), and the current classification for Stratiomyidae proposed by Woodley (2001). Specimens were borrowed from the following institutions: Department of Entomology, Smithsonian Institution, Washington D.C., U.S.A. (USNM); Department of Entomology, California Academy of Sciences, Golden Gate Park, San Francisco, California, U.S.A. (CAS); Insect Collection, Los Ange-