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Pachamama, an uncommon and distinctive new genus of Trichogrammatidae (Hymenoptera: Chalcidoidea) from tropical America

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Abstract

The new genus *Pachamama* Owen and Pinto is described from Central and South America. The genus is represented by one new species, *P. speciosa*. Hosts are unknown.

Key words: new genus, new species, New World tropics, *Pachamama*, parasitoid, species description, taxonomy

Introduction

Likely due to their small size and fragile nature, Trichogrammatidae (Hymenoptera: Chalcidoidea) remain inadequately sampled throughout the world and it is clear that we currently know but a small fraction of the true diversity of the family. Recent collections from around the world highlight our lack of understanding as most material cannot be identified to species, and many individuals cannot confidently be ascribed to recognized genera. In this paper, *Pachamama*, a new genus of Trichogrammatidae is described, with a single new species, *P. speciosa* (Fig. 1). Male genitalia place *Pachamama* in the tribe Trichogrammatini according to the classification of Viggiani (1971). This genus is uncommonly collected, and is known from only seven specimens, collected in Honduras, Costa Rica, and Ecuador. Its hosts remain undiscovered.

Terminology and Methods

All measurements for length and width represent maximum dimensions. Measurements