

Description of a new species of *Imara* Houlbert, 1918 (Lepidoptera: Castniidae)

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Abstract

A new species of *Imara* Houlbert, 1918, is described from La Selva, Sarapiquí, Heredia Province, Costa Rica. Photographs of the male and female, and illustrations of the genitalia and wing venation are provided.

Resumen

Se describe una nueva especie de *Imara* Houlbert, 1918, proveniente de La Selva, Sarapiquí, provincia de Heredia, Costa Rica. Se presentan fotografías del macho y la hembra, así como dibujos de sus genitales y venación de las alas.

Key words: *Imara analibiae*, Neotropical, Costa Rica, taxonomy, genitalia, venation

Introduction

Castniidae are day-flying moths restricted to the Neotropics from Mexico to Chile and Argentina (Miller 2000; González & Cock 2004). Owing to the paucity of specimens in collections little is known about the ecology, biology, and distribution of most species (González 1992, 1996, 1997, 1998, 2003; González & Fernández Yépez 1992, 1993; González & Cock 2004; González & Salazar 2003; Miller 1972, 1986). Furthermore, habitat destruction undoubtedly has led to the extinction of local populations of some species (González 1992, 1999, 2003, 2004; Lamas 1993; Miller 1976, 1986, 2000; Rodríguez & Rojas-Suarez, 1995). Recent studies from specific areas in the Neotropics have begun to resolve some of the taxonomic confusion, and these studies have been facilitated, in part, by the checklists of Miller (1995) and Lamas (1995). Various faunistic works that have