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***Habronyx* Förster (Hymenoptera: Ichneumonidae: Anomaloniinae) in Peru and Ecuador: three new species, a range extension, and a new host record**

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Abstract

The ichneumonid genus *Habronyx* is recorded for the first time from Peru and Ecuador, and three new species are described and figured—*Habronyx (Camposcopus) flavus* Alvarado, new species, *H. (Habronyx) nigrofasciata* Alvarado, new species, and *H. (H.) saqsaywaman* Alvarado, new species. *Habronyx (H.) punensis* is recorded for the first time in Peru. *Habronyx (H.) nigrofasciata* was reared from *Paracles tapina* (Dyar, 1913) (Erebidae: Arctiinae). In addition, the distribution of *P. tapina* is expanded and figures of its larvae, pupae, and adult female and male are provided.

Key words: Ichneumonoidea, taxonomy, parasitoids, wasps, hosts, *Paracles tapina*

Resumen

El género *Habronyx* es registrado por primera vez para Perú y Ecuador, tres nuevas especies son descritas e ilustradas - *Habronyx (Camposcopus) flavus* Alvarado, especie nueva, *H. (Habronyx) nigrofasciata* Alvarado, especie nueva, y *H. (Habronyx) saqsaywaman* Alvarado, especie nueva. *Habronyx (H.) punensis* es registrada por primera vez para Perú. *Habronyx (H.) nigrofasciata* fue recuperada de pupas de *Paracles tapina* (Dyar, 1913) (Erebidae: Arctiinae). Adicionalmente, la distribución de *P. tapina*, es ampliada y figuras de la larva, pupas y adultos son incluidas.

Palabras clave: Ichneumonoidea, taxonomía, parasitoides, avispa, hospederos, *Paracles tapina*

Introduction

The genus *Habronyx* is a moderately diverse group of nearly worldwide distribution except for its characteristic absence from the Afrotropical region (Porter 2007, Dash 1984, Yu *et al.* 2005). The genus comprises four subgenera, two of them present in the Neotropical region—*Camposcopus* Förster and *Habronyx (s. str.)* (Gauld & Bradshaw 1997). *Habronyx (s. str.)* is known from four species—*Habronyx albifrons* (Spinola, 1851) and *H. citrinus* Porter 2007 in Chile, *H. punensis* Porter 2007 in Bolivia, and *H. regalis* (Morley, 1913) in Mexico. The subgenus *Camposcopus* is documented by two species in Costa Rica, namely *H. ariasae* Gauld & Bradshaw, 1997 and *H. carmonai* Gauld & Bradshaw, 1997 (Gauld & Bradshaw 1997, Yu *et al.* 2005).

Habronyx have been reared from a variety of lepidopteran larvae, attacking hosts in families as diverse as Erebidae, Geometridae, Noctuidae, Olethreutidae, Pyralidae, Saturniidae, and Sphingidae (Porter 2007). In the Neotropical region only *H. (s. str.) punensis* has a host record, and was reared from an unidentified noctuid moth larva feeding on *Chenopodium quinoa* Willd. (Chenopodiaceae) (Porter 2007).

The aim of this paper is to register for the first time the genus *Habronyx* from Peru and Ecuador, describe three new species from two subgenera, and record a new host species. Keys for the Neotropical species of both subgenera involved are also provided.

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