

On the status of some species of Braconidae (Hymenoptera) described by J. C. Fabricius and the synonymy of *Dichelosus Szépligeti* with *Coccygidium* De Saussure

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Abstract

The status of five species of Braconidae described by Fabricius is changed. Lectotypes are designated for all five. *Ichneumon hospitator*, *Bracon anator*, and *Ophion pennator* are transferred to the genus *Coccygidium* **combs. nov.** *Ichneumon ornator* is transferred to *Coccygidium* and considered a junior synonym of *C. hospitator* **comb. and syn. nov.** *Bracon similator* is transferred to the genus *Hemibracon* **comb. nov.** *Dichelosus fuscipennis* is considered a junior synonym of *C. hospitator* **syn. nov.** The genus *Dichelosus* is synonymized with *Coccygidium* **syn. nov.**, and the member species are all transferred to *Coccygidium*: *C. fuscipennis* **comb. nov.**, *C. peruensis* **comb. nov.**, *C. brasiliensis* **comb. nov.**, *C. dubiosus* **comb. nov.**, *C. similis* **comb. nov.**, *C. variegatus* **comb. nov.**, and *C. demerarus* **comb. nov.**

Key words: *Coccygidium*, *Zelomorpha*, *Bracon*, *Ichneumon*, Taxonomy

Introduction

As part of a larger revision of all Neotropical members of *Coccygidium*, (Sarmiento in prep.) the identities of five species of braconid described by Fabricius are clarified. Many early descriptions of species of Braconidae, even up to the first years of the 20th century, were based on color differences. Convergent color patterns are the result of the many widespread mimicry systems found in tropical members of the subfamilies Braconinae and Agathidinae. Thus, type series of some species are composed of mixtures of species from these two subfamilies. The examination of Fabricius' types is therefore a common and necessary task (Moure, 1960; Brindle, 1981; Colonnelli, 1993; Horstmann, 2001).