



Additions to the revision of *Digonocryptus* Viereck (Hymenoptera, Ichneumonidae, Cryptinae), with nine new taxa, new males, and distribution maps for all known species

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Abstract

Complementary revisionary information is provided to *Digonocryptus* Viereck. The males of *D. inermis* (Szépligeti) and *D. sautatus* Aguiar et Ramos are described for the first time, and nine species are described as new: *D. arlequim* Santos et Aguiar, **sp. nov.**, *D. hesperus* Aguiar et Santos, **sp. nov.**, *D. insularis* Aguiar et Santos, **sp. nov.**, *D. noxignis* Aguiar et Santos, **sp. nov.**, *D. pontagus* Aguiar et Ramos, **sp. nov.**, *D. zatheos* Santos et Aguiar, **sp. nov.**, and *D. zopheros* Santos et Aguiar, **sp. nov.**; because of the lack of a statement about the types' depositories, two of the new names proposed by Aguiar and Ramos (2011) were unavailable, and the respective species are here described as new taxa, with indication of the type depositories: *D. archisius* Aguiar et Ramos, **sp. nov.**, and *D. iageus* Aguiar et Ramos, **sp. nov.** The original authorship is maintained, but the names are valid from the date of publication of this paper. New specimens and new distribution data are reported for *D. arcaeus* Aguiar et Ramos, *D. atrozyrix* Aguiar et Ramos, *D. caceres* Aguiar et Ramos, *D. cennitus* Aguiar et Ramos, *D. chiriquensis* (Cameron), *D. coloratus* (Szépligeti), *D. crassipes* (Brullé), *D. denticulatus* (Taschenberg), *D. diversicolor* (Viereck), *D. domius* Aguiar et Ramos, *D. elegans* Aguiar et Ramos, *D. grossipes* (Brullé), *D. inermis* (Szépligeti), *D. inflatus* (Brullé), *D. mettus* Aguiar et Ramos, *D. propodeator* Kasparyan et Ruíz, *D. pulchripes* (Cameron), *D. rufigaster* (Szépligeti), *D. sautatus* Aguiar et Ramos, *D. silopoeus* Aguiar et Ramos, *D. sipius* Aguiar et Ramos, *D. sutor* (Fabricius), *D. tarsatus* (Cresson), *D. teleborus* Aguiar et Ramos, *D. thoracicus* Kasparyan et Ruíz, *D. variabilis* Aguiar et Ramos, *D. variegatus* (Szépligeti), *D. varipes* (Brullé), and *D. yunus* Aguiar et Ramos. Illustrations of habitus and diagnostic features are provided for all new taxa and for seven other species, including new images for the males of six species, all of them illustrated for the first time. A total of 40 new distribution records are registered for 21 species, and distribution maps are provided for all 52 valid species of the genus.

Key words. Distribution, parasitoid, Phygadeuontinae, wasp

Introduction

Digonocryptus Viereck (Ichneumonidae, Cryptinae) is a common and speciose group of Neotropical parasitoid wasps. Specimens are often captured in Malaise traps and, most efficiently, in yellow pan traps (Aguiar & Santos 2010). The only reported host is a cerambycid beetle, observed by Sauer (1946). The genus can be recognized with the help of keys and illustrations provided by Townes (1970) and Aguiar (2005), and has been recently revised by Aguiar and Ramos (2011), to which the reader is referred for a complete introduction and taxonomic history.

Since the publication of the revision (Aguiar and Ramos 2011), much new material of *Digonocryptus* has become available to the authors, which has provided an excellent opportunity to test the species proposed in that work. The major aim of this study is to complement the revision of Aguiar and Ramos (2011), presenting corrections, new data for males, a more detailed and extended treatment of the distributional data for all species, further discussion and illustrations for several species, and newly discovered taxa.