

The genus *Diachasmimorpha* Viereck (Hymenoptera: Braconidae: Opiinae) from China

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Abstract

The species of *Diachasmimorpha* Viereck from China are revised. A key to species is provided and the following new species are described: *D. palleomaculata* sp. nov., *D. bicolor* sp. nov., *D. dicrorcarinata* sp. nov., *D. flavifacialis* sp. nov., *D. melathorax* sp. nov., *D. curvinervis* sp. nov. and *D. ammanotus* sp. nov. *D. longicaudata* (Ashmead, 1905) is recorded from China for the first time.

Key words: Hymenoptera, Braconidae, Opiinae, *Diachasmimorpha*, new species, China

Introduction

Diachasmimorpha Viereck, 1913 (Hymenoptera: Braconidae) is a medium-sized cosmopolitan (except for the Neotropical region) genus containing about 28 described species (Wharton, 1997a; Fischer, 1999). Species of *Diachasmimorpha* are parasitoids of Tephritidae (Diptera); the biology of all new species described in this paper is unknown.

Diachasmimorpha can be recognized by the following combination of characters: vein 3-SR of forewing shorter than or subequal to vein 2-SR, vein m-cu of forewing postfurcal, veins m-cu and 2-M of hindwing present, vein SR of hindwing absent (at least basally), propleuron without oblique carina ventro-laterally, postpectal carina absent, notauli mostly smooth and a long ovipositor supported by a strongly attenuate hypopygium.

In addition to opiines in the Institute of Applied Entomology, we examined specimens from the insect collections of the Chinese Academy of Sciences in Beijing and Shanghai. As a result, *Diachasmimorpha* is recorded from China for the first time. Further, seven new species are described and a new distribution record for *D. longicaudata* is reported.

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