



With 3,000 known species worldwide and thousands more left to describe, the wasps of the subfamily Microgastrinae (Hymenoptera: Braconidae) are the single most important group of parasitoids attacking the larvae of butterflies and moths, many of which are economically important pests. Consequently, they are widely used in biological control programs to manage agricultural and forestry pests around the globe. Further, they have also been prominently featured in many basic and applied scientific research (e.g. chemical ecology, biodiversity studies, conservation biology, genomics, behavioural ecology). However, the information about Microgastrinae species is scattered across hundreds of papers, some of which are difficult to find. To make matters worse, there has never been an authoritative checklist of the group at a planetary scale.

All currently available information about the group is now brought together in this large monograph which presents a total of 2,999 valid extant species belonging to 82 genera. It features fossil species and genera, unavailable names and the institutions that store the primary types of all listed species. And it also includes extensive colour illustrations of all genera and many species (thousands of images in 250 image plates); brief characterisation and diagnosis of all genera; detailed species distributions (within biogeographical regions and per individual country); synopsis of what is known on host-parasitoid associations; summary of available DNA barcodes; estimations of the group diversity at world and regional levels; as well as notes on individual species upon request.

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ANNOTATED AND ILLUSTRATED WORLD CHECKLIST OF MICROGASTRINAE PARASITOID WASPS (HYMENOPTERA, BRACONIDAE)

BY

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Diolcogaster alkingana Muesebeck, 1921

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For those who want their work rapidly known to the World !

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