

Fauna of New Zealand

Ko te Aitanga Pepeke o Aotearoa

Number 81

**Guide to the sawflies and woodwasps
(Hymenoptera, Symphyta)
of New Zealand**



Darren Ward & Henri Goulet

Annotated Catalogue Of New Zealand Hymenoptera

Thorpe-Bowker Staff



Annotated Catalogue Of New Zealand Hymenoptera:

Annotated Catalogue of New Zealand Hymenoptera Errol W. Valentine, Annette K. Walker, 1991 Hymenoptera Andrew Austin, Mark Dowton, 2000 The Hymenoptera is one of the largest orders of terrestrial arthropods and comprises the sawflies wasps ants bees and parasitic wasps This book examines the current state of all major areas of research for this important group of insects including systematics biological control behaviour and use in education Advances in the systematics of Hymenoptera. Norman F. Johnson, 2009-09-14 This issue celebrates the 75th birthday of Dr Lubomir Masner a source of knowledge enthusiasm and inspiration for systematic entomologists in all fields but especially for students of Hymenoptera His unflagging dedication to the study of the parasitoid wasps of the superfamilies Proctotrupoidea Platygastridae and Ceraphronoidea has completely transformed our understanding of the richness and evolutionary history of these insects His zeal and innovation in collecting have not only dramatically enhanced the basis for our understanding of hymenopteran diversity but also contributed to the development of the Canadian National Collection of Insects into one of the premiere systematic entomology research institutions in the world Twenty six authors have contributed to this volume in 17 papers on the systematics of the families Braconidae Ceraphronidae Chalcididae Eucharitidae Eupelmidae Eurytomidae Figitidae Mymaridae Platygastridae Vespidae and Xiphidriidae Six new genera and 33 new species are described encompassing fossil material as well as species from the Neotropical Afrotropical Oriental and Australasian regions A short biography of Dr Masner is accompanied by a bibliography of his scientific papers a list of taxa he has described over 55 years of research and a list of taxa named in his honor **New Zealand Journal of Zoology** , 1990 *Bibliography of New Zealand Terrestrial Invertebrates, 1775-1985, and Guide to the Associated Information Retrieval Database BUGS* G. W. Ramsay, Trevor K. Crosby, 1992 **A Bibliography of Ant Systematics** Philip S. Ward, Barry Bolton, William L. Brown, Steven O. Shattuck, 1996-01-01 This bibliography is a comprehensive compilation of the literature on ant systematics Covering the period 1758 to 1995 it contains entries for approximately 8 000 publications on the taxonomy evolution and comparative biology of ants Most of the literature citations have been carefully verified and precisely dated An introductory chapter discusses the problems associated with dating a citation of taxonomic literature A list of all serials cited more than 1 300 titles and their abbreviations accompanies the bibliography **Biological Invasions in New Zealand** Robert B. Allen, William G. Lee, 2006-07-04 Man's recent colonization of New Zealand has dramatically altered the resident biota and resulted in the introduction of numerous alien organisms to these once remote islands In reverse there is increasing evidence of a lesser known export of species to other regions of the world This volume presents an in depth review of the level and rate of such invasions and investigates what controls the success of invaders and the consequences for ecosystems both on land and offshore It provides invasion biologists everywhere with tests of current theories about those factors leading to the success of invaders as well as evaluating principles for understanding the nature of their impacts that form a solid basis for

the effective management of biological invasions worldwide Fauna of New Zealand ,1982 **Annotated Keys to the Genera of Nearctic Chalcidoidea (Hymenoptera)** Gary A. P. Gibson, John Theodore Huber, James Braden Woolley, 1997

This publication presents illustrated keys to the 19 families and 706 described genera of Chalcidoidea known to occur in the Nearctic region minimally America north of Mexico but also including those areas of Mexico generally considered as having a Nearctic insect fauna The first three chapters provide an introduction to this superfamily of wasps most of whose members are parasites of other insects a review of chalcidoid morphology as related to terms used in the keys and an overview of the superfamily including a 41 couplet key to families Each of the remaining 19 chapters reviews one family includes sections on recognition systematics relationships biology literature an annotated key to the Nearctic genera and for larger families an index to genera based on couplet number Over 1 800 line drawings electron micrographs illustrate the keys Annotations include references to existing keys to species estimated number of species and known distribution host range in the region

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Museum ,2007 **Entomology Abstracts** ,2000 Hymenoptera of the World Canada. Agriculture Canada. Research Branch,1993 This publication is the result of a course on identification of Hymenoptera given three times since 1985 at the Centre for Land and Biological Resources Research The considerable interest in these courses indicated the need for a comprehensive identification guide to all extant families of Hymenoptera The main emphasis is on family identification using the keys which are complemented by family sketches The sketches include a taxonomic diagnosis to supplement the keys a summary of the biology the size and distribution and important literature references **Invertebrate Taxonomy** ,1994

Ants of New Zealand Warwick Don,2007 Written by the acknowledged expert this first book on the subject identifies and describes both native and exotic species Including notes on identification and collection of ants it is illustrated throughout with diagrams and photographs in colour and black and white

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