

Annotated catalogue of the Australian Scoliidae (Hymenoptera)

MICHAEL G. ELLIOTT

Australian Museum, 6 College Street, Sydney NSW 2010, Australia
michael.elliott@austmus.gov.au

ABSTRACT. A catalogue of the Australian Scoliidae based on published literature is presented. The Australian fauna is represented by one subfamily, containing two tribes Campsomerini and Scoliini, 11 genera *Australelis*, *Laevicampsomeris*, *Phalerimeris*, *Pseudotrielis*, *Radumeris*, *Trisciloa*, *Austroscolia*, *Scolia*, *Diliacos*, *Laeviscolia*, and *Liacos* and 20 species. Four species have erroneously been recorded from Australia and some confusion surrounds reports of a fifth species. Many names are catalogued with annotations to explain confusing aspects of taxonomy and nomenclature applied by previous authors.

ELLIOTT, MICHAEL G., 2011. Annotated catalogue of the Australian Scoliidae (Hymenoptera). *Technical Reports of the Australian Museum, Online* 22: 1–17.

Table of Contents

Abstract	1
Introduction	2
Early research by the Queensland Bureau of Sugar Experiment Stations.....	2
Biology.....	2
Taxonomy and nomenclature.....	2
Catalogue format	3
General abbreviations	3
Australian state abbreviations	3
Abbreviations for museums	3
Tribe Campsomerini.....	4
<i>Australelis</i>	4
<i>Laevicampsomeris</i>	4
<i>Phalerimeris</i>	5
<i>Pseudotrielis</i>	6
<i>Radumeris</i>	6
<i>Trisciloa</i>	9
Tribe Scoliini.....	10
<i>Austroscolia</i>	10
<i>Scolia</i>	11
<i>Diliacos</i>	11
<i>Laeviscolia</i>	12
<i>Liacos</i>	12
Scoliidae possibly erroneously recorded from Australia.....	13
Scoliidae erroneously recorded from Australia.....	13
Acknowledgments	14
References	14