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978-0-521-10511-8 - Biology of the Acanthocephala

Edited by D. W. T. Crompton and Brent B. Nickol

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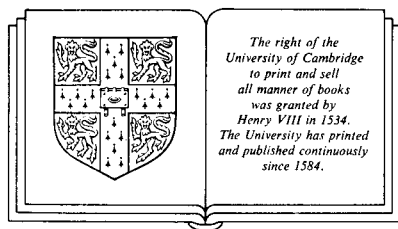
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Preface

Nearly 20 years ago, Justus Mueller wrote in a review of parasitic helminths, 'We have neglected the Acanthocephala from our discussion. They are a monotonous group, and few people seem inclined to work with them.' This volume, which may help to correct that view, has developed from the investigations of many workers and particularly from the secure foundations of knowledge set by Anton Meyer and Harley Jones Van Cleave.

Biology of the Acanthocephala has its origins in a symposium held in San Antonio, Texas, in December 1983, under the auspices of the American Society of Parasitologists. We organized the symposium to mark the jubilee of the completion of Anton Meyer's monograph on the *Acanthocephala* in Dr H.G. Bronn's *Klassen und Ordnungen des Tierreichs*. We are deeply indebted to our colleagues whose researches made possible the symposium and volume commemorating the work on acanthocephalan worms by Anton Meyer.

We thank the staff of Cambridge University Press for advice and assistance on editorial matters. Our respective departments in Cambridge, England, and Lincoln, Nebraska, have supported the enterprise; the skilled secretarial help of Mrs Zina Bulstrode and Miss Sarah Johnson has been greatly appreciated, as has help with the Reference List from Miss Virginia Crompton. We also thank Dr William H. Coil, Dr John C. Holmes, Dr Richard D. Lumsden, Dr Richard L. Uznanski, Dr P.F.V. Ward and the authors for their critical reviews of the manuscripts. Finally our special thanks are due to Marion Jowett, whose expertise and care in sub-editing have contributed so much to the production of this book.

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The Harold W. Manter Laboratory, University of Nebraska State Museum (Fig. 3.1)

Parasitology (Figs 5.7; 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 7.14; 11.1, 11.4, 11.5, 11.6)

Journal of Parasitology (Figs 5.5, 5.8, 5.11, 5.13; 7.16; 8.3, 8.4, 8.5, 8.7; 11.3)

Journal of Fish Biology (Figs 11.2, 11.7)

American Journal of Veterinary Research (Fig. 8.6)

Journal of Helminthology (Fig. 8.2)

Transactions of the American Microscopical Society (Fig. 8.1)

Proceedings of the Helminthological Society of Washington (Figs 5.1, 5.3, 5.4, 5.6, 5.12)

Society for Experimental Biology Symposia (Fig. 7.11)