

HUMAN HELMINTHOLOGY

A MANUAL FOR PHYSICIANS, SANITARIANS
AND MEDICAL ZOOLOGISTS

BY

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EXTRACTION OF THE GUINEA WORM

From an engraving by J. H. Jördens (1802)

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PREFACE TO THE THIRD EDITION

DURING the years which have elapsed since the second edition of this volume came from the press, a wealth of material has been published in the field of helminthology, including particularly the helminths which parasitize man. Many of the more significant findings have resulted from investigations conducted during military operations in warm climates between the years 1942 and 1945. This is illustrated by the numerous contributions made to the biology, epidemiology, pathogenesis, diagnosis, treatment and control of Bancrofts' filariasis and schistosomiasis japonica. An earlier revision of this book could not have included many of these contributions.

This edition of Human Helminthology constitutes a complete revision. New data and concepts have been introduced in generous amounts, while older information has been reëvaluated. It is hoped that this edition will be equally helpful to the physician, the sanitary officer and student of parasitology.

Sincere thanks are extended to many individuals who have made suggestions for improving the book. Special acknowledgement is made to Professor M. A. Stewart of the University of California for providing an up-to-date list of insects involved as intermediate hosts of helminths, to Professors Paul C. Beaver and G. M. Carrera of the Department of Tropical Medicine and Public Health, Tulane University, for valuable comments on the new glossary incorporated in Chapter I, and to Professor Beaver for a description of his new egg-count technic. Finally, the author expresses sincere gratitude to the publishers, Lea and Febiger, for sympathetic understanding during the period of publication of this edition.

ERNEST CARROLL FAUST

NEW ORLEANS, LOUISIANA.

PREFACE TO THE FIRST EDITION

As an investigator in the field of medical parasitology for nearly two decades and a teacher of the subject to physicians and zoölogists, the author has followed closely the important steps in the development of the subject. In no phase of medical zoölogy, both in its biological and its clinical aspects, has greater progress been made than in helminthology. Thus far, however, no attempt has been made to correlate the available information, much of which has been published in inaccessible journals, and to bring it together into a manual which would meet the needs of the parasitologist. The present volume is the result of the author's own need for a teaching and reference text on the subject. It is also significant that certain of the author's colleagues as well as many of his students have urged him to make available for them the subject matter of human helminthology. This has been no easy task, especially since the field includes both theoretical and practical problems. It is felt, however, that the form in which the data have been compiled will serve this two-fold end and will, furthermore, make the information available alike to the clinician, the sanitarian, and the medical zoölogist. Although each of these workers, from his peculiar vantage point, is primarily concerned with one particular aspect of the subject, he is also interested in the problem as a whole, and will appreciate the need for an all-around presentation of the available information in the field.

Of necessity the author has depended on the work of his colleagues for much of the evidence and many of the views expressed in this volume. Sincere thanks are here expressed to those who have either directly or indirectly contributed to the contents or form of the manual. The difficulties of obtaining adequate and well-balanced illustrations have been considerable. Those who have generously placed their original or published figures at the disposal of the author deserve no small share in whatever of credit may come from the adventure. Grateful thanks are also due to those who have assisted in typing the manuscript, in revising the proof and in compiling the index. Last, but not least, the courteous personal coöperation which the publishers, Messrs. Lea and Febiger, have provided, and the high ethical standards which they have consistently maintained during the five-year period of writing and of publishing the volume call for the highest praise.

ERNEST CARROLL FAUST

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