

# **BILHARZIOSIS**

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Bilharziosis by Frank Cole Madden

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**FRANK COLE MADDEN**

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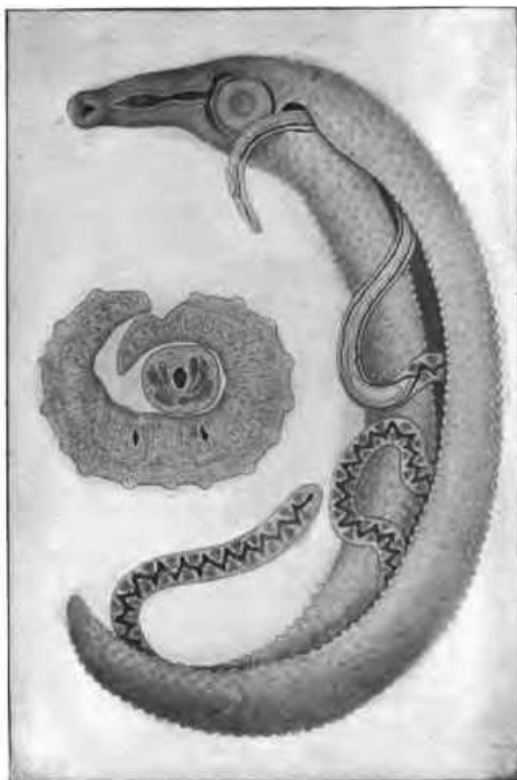


Fig. 1.—The bilharzia worm (*Schistosomum haematobium*). To the right is a coupled pair of worms, the female lodged in the gynecophoric canal of the male. To the left is seen a cross-section of a pair, to show the mode of formation of the gynecophoric canal, in which a single cross-section of the female worm is visible. Both figures semi-diagrammatic.

(Photograph of a drawing by Professor Looss, figured in Meissner's "Handbuch der Tropenkrankheiten," Vol. 1.)



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## PREFACE.

In this monograph I have endeavoured to give a *résumé* of the present state of our knowledge of Bilharziosis; and, in doing so, have naturally had to draw largely upon the work and experience of others in the same field. To these observers I wish here, at the outset, freely and frankly to acknowledge my great indebtedness.

I am especially beholden to my friend and colleague, Professor Looss, who has taken infinite pains in providing me with an abstract of that portion of his article in Mense's "Handbuch der Tropenkrankheiten" which deals with the life-history and mode of infection of the Bilharzia worm.

Again, much of the pathological description of the disease is the result of a study of specimens in the Pathological Museum of the School of Medicine in Cairo, prepared by Professor W. St. Clair Symmers, formerly Professor of Pathology in this School, now Musgrave Professor of Pathology in Queen's College, Belfast. For his kindness in revising an earlier manuscript of mine on the subject and allowing me to avail myself so fully of the

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