

CAMBRIDGE

Schistosomiasis

The St Lucia Project

PETER JORDAN

This book provides a summary and synthesis of the results from a 15 year study on schistosomiasis. The isolated valleys of St Lucia provided ideal field laboratories for investigating the efficiency, advantages and disadvantages of different methods of controlling an intestinal form of the disease.

Three potential control methods were researched – intensive snail control, environmental improvement and the treatment of infected communities with a single dose treatment. Peter Jordan gives a full and readable account of the intensive programme which led to the successful control of the disease, and charts the progress of the multidisciplinary team as they experimented with different methods of regulating the parasite once control had been achieved.

Contents: Introduction/Part I: Experiments in control/1 The island of St Lucia/2 Snail intermediate hosts and schistosomiasis in the Caribbean/3 The strategic plan and methods of investigation/4 Untreated comparison areas/5 Chemotherapy in control/6 Control of the intermediate snail host/7 Environmental control of transmission/8 Schistosomiasis in other areas/9 Comparison of control strategies/Part II: Complementary investigations/10 Drug trials/11 Molluscicide trials/12 Biological control/13 Epidemiology/14 Immunological studies, Appendixes/Reference/Index.

442 pp. 1985 0 521 30312 5 £35.00 net

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Edited by D.W.T. CROMPTON and B.B. NICKOL

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Contents: Introduction B.B. NICKOL; Anton Meyer D.W.T. CROMPTON; Harley Jones Van Cleave: 40 years with the Acanthocephala W.L. BULLOCK; Classification O.M. AMIN; Functional morphology D.M. MILLER & T.T. DUNAGAN; Feeding, nutrition and metabolism J.A. STARLING; Reproduction D.W.T. CROMPTON; Development and life cycles G.D. SCHMIDT; Epizootiology B.B. NICKOL; Life history models A.P. DOBSON & A.E. KEYMER; Regulation and dynamics of acanthocephalan populations C.R. KENNEDY.

519 pp. 1985 0 521 24674 1 £60.00 net

Cambridge University Press

The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, England

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PARASITOLOGY

BACK VOLUMES. Vols. 1–39: Inquiries should be addressed to Wm. Dawson & Sons Ltd, Cannon House, Folkestone, Kent. Vols. 40 onwards: quotations for parts still in print may be obtained from Cambridge or the American Branch of Cambridge University Press.

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PARASITOLOGY

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The Pitt Building, Trumpington Street, Cambridge CB2 1RP
32 East 57th Street, New York, NY 10022, USA
10 Stamford Road, Oakleigh, Melbourne 3166, Australia

Printed in Great Britain by the University Press, Cambridge