

ECOLOGY OF PLANT-PARASITIC NEMATODES

by D.C. Norton, lowa State University.

A broad treatment of the ecology of the nematodes that parasitise plants. The book is not concerned with disease per se: it attempts to examine one small facet of a group of organisms that, under some conditions, cause disease or damage. The author collates what is known of plant nematode ecology, using extensive documentation as building blocks for knowledge of the ecosystems. Nematodes are treated as animals in their natural habitat, and not only as plant pathogens or parasites.

Contents: Aspects of Geographical Distribution; Dissemination; Habitats; Communities; Population Change; The Soil Environment; Physical and Chemical Parameters; Survival; Parasitism of Nematodes in Biological Control; Biological Interactions; Effect of Agricultural Practices on Nematode Populations.

In Press 0471 03188 7 approx. 368 pages approx. \$30.40/£16.90



PARASITOLOGY

SUBSCRIPTIONS may be sent to any bookseller or subscription agent or direct to Cambridge University Press, P.O. Box 92, London NW1 2DB. Subscriptions in the U.S.A. and Canada should be sent to Cambridge University Press, 32 East 57th Street, New York, N.Y. 10022. The subscription price of volumes 76 and 77, 1978, is £21.00 net (including postage) for a volume of three parts (US \$46.00 in the U.S.A. and Canada) payable in advance (£42.00 or US \$92.00 per year); separate parts cost £9.00 net or US \$21.00 each (plus postage).

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 the London or New York offices of the Cambridge University Press.

FOR PERMISSION to reproduce material from *Parasitology*, please apply to the London or New York office of Cambridge University Press.

ISI TEAR SERVICE, 325 Chestnut Street, Philadelphia, Pennsylvania 19106, U.S.A. is authorized to supply single copies of separate articles for private use only.

CLAIMS for missing issues can only be considered if made immediately after receipt of the subsequent issue.

ADVERTISING. Details of advertising in *Parasitology* may be obtained from the publisher.

The previous part was published on 24 July 1978

PARASITOLOGY

Volume 77, Part 2, October 1978

CONTENTS

	PAGE
Tinsley, R. C. Oviposition, hatching and the oncomiracidium of Eupolystoma anterorchis (Monogenoidea)	121
Parshad, V. R. and Guraya, S. S. Morphological and histochemical observations on oocyte atresia in <i>Centrorhynchus corvi</i> (Acanthocephala)	133
LÝSEK, H. A scanning electron microscope study of the effect of an ovicidal fungus on the eggs of Ascaris lumbricoides	139
DAVIES, CAROLINE, RICKARD, M. D., BOUT, D. T. and SMYTH, J. D. Ultrastructural immunocytochemical localization of two hydatid fluid antigens (antigen 5 and antigen B) in the brood capsules and protoscoleces of ovine and equine <i>Echinococcus granulosus</i> and <i>E. multilocularis</i>	143
Suswillo, R. R., Denham, D. A., McGreevy, P. B. and Nelson, G. S. Hybridization between <i>Brugia patei</i> , B. pahangi and sub-periodic B. malayi	153
ALTAIF, K. I. and DARGIE, J. D. Genetic resistance to helminths. The influence of breed and haemoglobin type on the response of sheep to primary infections with <i>Haemonchus contortus</i>	161
ALTAIF, K. I. and DARGIE, J. D. Genetic resistance to helminths. The influence of breed and haemoglobin type on the response of sheep to re-infection with <i>Haemonchus contortus</i>	177
Anderson, R. M., Whitfield, P. J. and Dobson, A. P. Experimental studies of infection dynamics: infection of the definitive host by the cercariae of <i>Transversotrema patialense</i>	189
Anderson, R. M. Population dynamics of snail infection by miracidia	201
Tavares, C. A. P., Soares, Rita C., Coelho, P. M. Z. and Gazzinelli, G. Schistosoma mansoni: evidence for a role of serum factors in protecting artificially transformed schistosomula against antibody-mediated killing in vitro	225
MATSUZAWA, TOSHIAKI. Studies on the mode of action of beclotiamine on Eimeria tenella	235

© Cambridge University Press 1978

The Pitt Building, Trumpington Street, Cambridge CB2 1RP Bentley House, 200 Euston Road, London NW1 2DB 32 East 57th Street, New York, N.Y. 10022

Printed in Great Britain at the University Press, Cambridge