

KEEP YOUR STUDENTS ALERT TO THE MOST CURRENT CONCEPTS IN PARASITOLOGY

Here's how!

A New Book! FOUNDATIONS OF PARASITOLOGY. By Gerald D. Schmidt and Larry S. Roberts. This superbly illustrated text provides an up-to-date view of the entire field of parasitology. Throughout, the biology, morphology, ecology, and physiology of each group of parasites are examined in-depth. May, 1977. Approx. 800 pp., 889 illus. About \$18.00.

New 2nd Edition! MEDICAL PARASITOLOGY. By J. Walter Beck, B.S., M.S., Ph.D., M.P.H. and John E. Davies, M.B.B.S., L.R.C.P. (London), M.D., M.P.H. Specific techniques are outlined that enable students to identify, diagnose, and treat clinical symptoms caused by the three major groups of parasites — helmenths, protozoa, and arthropods. June, 1976. 254 pp., 302 illus., 6 color plates. \$14.95.

DIAGNOSTIC PARASITOLOGY: Clinical Laboratory Manual. By Lynne Shore Garcia, A.B., M.T. (ASCP) and Lawrence R. Ash, B.S., M.A., Ph.D. Describes techniques for diagnosing all major human parasitic infections. Plus, students will find information on how to collect, prepare, and examine specimens. 1975, 122 pp., 71 illus. **\$8.95.**



THE C. V. MOSBY COMPANY 11830 WESTLINE INDUSTRIAL DRIVE ST. LOUIS. MISSOURI 63141

Parasitology, 74,

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 74 and 75, 1977, is £18.00 net (including postage) for a volume of three parts (US \$46.00 in the U.S.A. and Canada) payable in advance (£36.00 or US \$92.00 per year); separate parts cost £7.50 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.

IST 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 25 January 1977

PARASITOLOGY

Volume 74, Part 2, April 1976

CONTENTS

COADWELL, W. J. and WARD, P. F. V. Annual variation in the growth of <i>Haemonchus</i> contortus in experimental infections of sheep and its relation to arrested develop- ment	PAGE
	121
PERRY, R. N. A reassessment of the variations in the water content of the larvae of <i>Nematodirus battus</i> during the hatching process	133
PERRY, R. N. Desiccation survival of larval and adult stages of the plant parasitic nematodes, <i>Ditylenchus dipsaci</i> and <i>D. myceliophagus</i>	139
BIRD, A. F. Cuticle formation and moulting in the egg of <i>Meloidogyne javanica</i> (Nematoda)	149
JENKINS, S. N. and WAKELIN, D. The source and nature of some functional antigens of <i>Trichuris muris</i>	153
BRUCE, R. G. and WAKELIN, D. Immunological interactions between <i>Trichinella</i> spiralis and <i>Trichuris muris</i> in the intestine of the mouse	163
HOPKINS, C. A., GOODALL, R. I. and ZAJAC, A. The longevity of Hymenolepis microstoma in mice, and its immunological cross-reaction with Hymenolepis diminuta	175
FRUIT, J., AFCHAIN, D., PETITPREZ, A., VAN MEIRVENNE, N., LE RAY, D., BOUT, D. and CAPRON, A. Antigenic analysis of a variant-specific component of <i>Trypanosoma</i> brucei brucei: localization on the surface coat with labelled specific antibodies	185
RICHARDS, W. H. G., MITCHELL, G. H., BUTCHER, G. A. and COHEN, S. Merozoite vaccination of rhesus monkeys against <i>Plasmodium knowlesi</i> malaria; immunity to sporozoite (mosquito-transmitted) challenge	191
PASTERNAK, J., FERNANDO, M. A., STOCKDALE, P. H. G. and WEBER, D. Nuclear size and DNA content in host cells during first-generation schizogony of <i>Eimeria zuernii</i>	199
JOYNER, L. P. and NORTON, C. C. Further observations on the genetic transfer of drug resistance in <i>Eimeria maxima</i>	205

© Cambridge University Press 1977

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