## PARASITOLOGY

# PARASITOLOGY 

(Founded by G. H. F. Nuttall, F.R.S.)

Edited by<br>D. KEILIN, Sc.D., F.R.S.

IN CONJUNOTION WITH

| H. A. BAYLIS, M.A., D.Sc. | E. Hindle, Ph.D., Sc.D. |
| :--- | :--- |
| F. J. BROWN, M.Sc. | C. A. HoARE, D.Sc. |
| P. A. BUXTON, M.A., M.R.C.S. | K. M. SMITH, Ph.B., F.R.S. |
| C. DOBELL, F.R.S. | P. TATE, M.Sc., Ph.D. |

W. R. THOMPSON, F.R.S.

VOLUME 32, 1940

Reprinted 1966 for Wm. DAWSON \& SONS LTD., LONDON with the permission of the Proprietors

ORIGINALLY PRINTED IN GREAT BRITAIN
BY THE CAMBRIDGE UNIVERSITY PRESS.
REPRINTED IN THE NETHERLANDS BY KRIPS/OOSTHOEK, MEPPEL AND UTRECHT

## CONTENTS

No. 1 (APRIL)
PAGE
Nuttall, The late G. H. F. Notes on the preparation of papers for publication in the Journal of Hygiene and in Parasitology ..... 1
Webb, J. Lewis and Hervel, J. E. A new record of Plasmodium ovale (Stephens, 1922) ..... 63
Evans, W. M. R. Observations on the incidence of some nematode parasites of the common rabbit, Oryctolagus cuniculus. (With 5 Figures in the Text) ..... 67
Evans, W. M. R. Observations upon some common cestode para- sites of the wild rabbit, Oryctolagus cuniculus. (With 6 Figures in the Text) ..... 78
Radford, Charles D. Notes on some new species of parasitic mites. Part 3. (With 19 Figures in the Text) ..... 91
Hoare, Cectl A. Studies on the behaviour of Trypanosoma evansi in tsetse-flies with special reference to its phylogeny. (With 1 Map) ..... 105
Dobell, Clifford, Vilém Lambl (1824-1895). A portrait and a biographical note. (With Plate I) ..... 122
No. 2 (JUNE)
Johnson, C. G. Development, hatching and mortality of the eggs of Cimex lectularius L. (Hemiptera) in relation to climate, with observations on the effects of preconditioning to temperature. (With 13 Figures in the Text) ..... 127
Baer, Jean G. Some avian tapeworms from Antigua. (With 37 Figures in the Text) . ..... 174
Davies, Thomas Idwal. Three closely related species of Aplo- paraksis Clerc, 1903. (With 10 Figures in the Text) ..... 198
Rogers, W. P. The effect of environmental conditions on the accessibility of third stage trichostrongyle larvae to grazing animals. (With 12 Figures in the Text) . ..... 208
Hoare, Cecil A. On an Entamoeba occurring in English goats. (With 16 Figures in the Text) ..... 226
No. 3 (August)
Johnson, C. G. The longevity of the fasting bed-bug (C. lectu- larius L.) under experimental conditions and particularly in relation to the saturation deficiency law of water-loss. (With 11 Figures in the Text) ..... 239
Dawes, Ben. Hexacotyle extensicauda n.sp., a monogenetic trematode from the gills of the tunny (Thunnus thynnus L.). (With 6 Figures in the Text) ..... 271
Dawes, Ben. Notes on the formation of the egg capsules in the monogenetic trematode, Hexacotyle extensicauda Dawes, 1940. (With 3 Figures in the Text) ..... 287
Buxton, P. A. Studies on populations of head-lice (Pediculus humanus capitis: Anoplura). III. Material from South India ..... 296
Buxton, P. A. The biology of the body louse (Pediculus humanus corporis: Anoplura) under experimental conditions ..... 303
Carrick, Robert and Bullough, W. S. The feeding of the tick, Ixodes recinus L., in relation to the reproductive condition of the host. (With 1 Figure in the Text) ..... 313
Crofton, H. Draper, A note on Microcotyle fusiformis Goto. A fish trematode new to Britain ..... 318
Smith, Kenneth M. and MacClement, W. D. Filtration studies on Nicotiana virus 11. (With Plate II and 7 Figures in the Text) ..... 320
Fantham, H. B., Porter, Annie and Richardson, L. R. Some more myxosporidia observed in Canadian fishes. (With Plates III and IV) . ..... 333
No. 4 (November)
Webb, J. Lewis. The occurrence of Rickettsia-like bodies in the Reduviid bug Triatoma rubrofasciata and their transmission to laboratory animals. (With 1 Figure in the Text) ..... 355
Bower-Shore, Clffford. An investigation of the common fish louse, Argulus foliaceus (Linn.). (With 1 Figure in the Text) . ..... 361
Rees, Gwendolen. Studies on the germ cell cycle of the digenetic trematode Parorchis acanthus Nicoll. Part II. Structure of the miracidium and germinal development in the larval stages. (With 42 Figures in the Text) ..... 372
vii
PAGE
Ray, H. N. and Das-Gupta, M. Adelina schellacki n.sp., a coccidium from the intestine of the Indian centipede Cormocephalus dentipes Poc. (With Plate V, containing Figs. 1-15) ..... 392
Cawston, F. Gordon. Some difficulties in determining the life cycle of Fasciola ..... 397
Jobling, B. Description of the young female and of the male of Ascodipteron africanum Jobling (Diptera, Streblidae). (With 1 Figure in the Text) ..... 399
Lea, D. E. and Smith, Kenneth M. The inactivation of plant viruses by radiation. (With 6 Figures in the Text) ..... 405
Dobell, Clifford. Researches on the intestinal protozoa of monkeys and man. X. The life-history of Dientamoeba fragilis: observations, experiments, and speculations. (With Plates VI and VII and 1 Figure in the Text) ..... 417
Tate, P. On Mycetosporidium jacksonae n.sp. parasitic in species of Sitona weevils. (With Plates VIII and IX, containing Figs. 1-23) ..... 462
Index of Authors ..... 470
Index of Subjects ..... 472

