

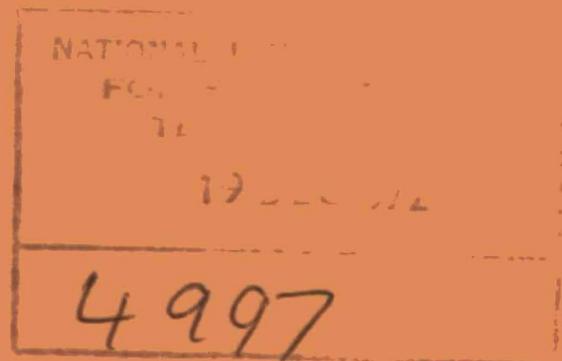
1972

Vol. XLVI, Part 4

JOURNAL  
OF  
HELMINTHOLOGY  
(Founded by R. T. LEIPER)

Edited by  
the late J. J. C. BUCKLEY, D.Sc.  
and  
R. L. MULLER, Ph.D.

Senior Lecturer in Department of Medical Helminthology,  
London School of Hygiene & Tropical Medicine



London School of Hygiene  
and  
Tropical Medicine  
Keppel Street  
London  
W.C.1

**THIRD INTERNATIONAL  
CONGRESS OF PARASITOLOGY  
MUNICH 1974**

On the occasion of the Second International Congress of Parasitology in Washington, D.C. in 1970, the World Federation of Parasitologists entrusted the organization of the Third International Congress of Parasitology (Third ICOPA) to Deutsche Gesellschaft für Parasitologie (DGP).

We would like to inform you that the Third ICOPA will be held from August 25th to August 31st, 1974, in Munich, Kongress-Zentrum, Messegelände, Federal Republic of Germany.

Anyone interested in receiving further information should contact the Secretary General, Dr. G. Lämmle, Institute of Parasitology of the University, R. Buchheim-Str. 4, D 6300, Giessen, Federal Republic of Germany.

JOURNAL  
OF  
HELMINTHOLOGY  
(Founded by R. T. LEIPER)

Vol. XLVI, 1972

Edited by  
the late J. J. C. BUCKLEY, D.Sc.  
and  
R. L. MULLER, Ph.D.

Senior Lecturer in Department of Medical Helminthology,  
London School of Hygiene & Tropical Medicine



London School of Hygiene  
and  
Tropical Medicine  
Keppel Street  
London  
W.C.1

# CONTENTS OF VOL. XLVI

## Vol. XLVI, Part 1

	PAGES
1. BANERJEE, DEBIPRASAD, DEO, M. G. & PRAKASH, OM. Histochemical Studies of the Skin and Intestine of Dogs Infected with <i>Ancylostoma caninum</i> Larvae ... ... ... ...	1—10
2. HIRA, P. R. & WEBBE, G. The Effect of Sublethal Concentrations of the Molluscicide Triphenyl Lead Acetate on <i>Biomphalaria glabrata</i> (Say) and on the Development of <i>Schistosoma mansoni</i> in the Snail ... ... ... ...	11—26
3. JAMES, B. L. & RICHARDS, R. J. The Relationship between Oxygen Uptake, Reduced Weight, Length and Number of Contained Metacercariae in the Sporocysts of <i>Microphallus pygmaeus</i> (Levinsen, 1881) (Trematoda: Microphallidae) ...	27—33
4. DUTT, S. C. & SRIVASTAVA, H. D. The Life History of <i>Gastrodiscoides hominis</i> (Lewis and McConnel, 1876) Leiper, 1913—the Amphistome Parasite of Man and Pig ... ... ... ...	35—46
5. PAPERNA, ILAN. Monogenea of Red Sea Fishes. III. Dactylogyridae from littoral and reef fishes ...	47—62
6. RILEY, J. & WYNNE OWEN, R. <i>Renicola glacialis</i> sp. nov., a New Trematode from the North Sea Fulmar, <i>Fulmaris glacialis</i> (L.), with Observations on its Pathology ... ... ...	63—72
7. BOAG, B. Helminth Parasites of the Wild Rabbit <i>Oryctolagus cuniculus</i> (L.) in North East England	73—79
8. SPRATT, DAVID M. Transplantation of Adult <i>Dirodilaria roemeri</i> to Grey Kangaroos and Laboratory Rats ... ... ...	81—89
9. FISCHTHAL, JACOB H. & THOMAS, J. D. Digenetic Trematodes of Fish from the Volta River Drainage System in Ghana prior to the Construction of the Volta Dam at Akosombo in May 1964 ...	91—106
10. RICHARDS, R. J., PASCOE, D. & JAMES, B. L. Variation in the Metabolism of the Daughter Sporocysts of <i>Microphallus pygmaeus</i> in a Chemically Defined Medium ... ... ...	107—116

Vol. XLVI, Part 2

	PAGES
<i>Obituary Notice : John Joseph Cronin Buckley, 1904-1972</i> ... ... ... ... ... ...	i-viii
<i>List of Publications</i> ... ... ... ... ...	viii-xi
1. DISSANAIKE, A. S. <i>Dirofilaria (Nochtiella) linstowi</i> n.sp. a Filarioid of Monkeys in Ceylon ... ...	117—124
2. CHHABRA, R. C. & SINGH, KUNWAR SURESH. On the Life Cycle of <i>Spirocerca lupi</i> : Preinfective Stages in the Intermediate Host ... ... ...	125—137
3. MULLER, R. L. & TAYLOR, M. G. On the use of the Ziehl-Neelsen Technique for Specific Identification of Schistosome Eggs ... ... ...	139—142
4. DENHAM, D. A. & TURTON, J. A. The Effect of Levamisole on the Development of <i>Ostertagia</i> <i>circumcincta</i> in lambs ... ... ...	143—147
5. CHAUHAN, P. P. S., PANDE, B. P. & SINGH, MATHAN. A New Species of <i>Ashworthius</i> Le Roux, 1930 (Haemonchinae : Trichostrongylidae) from Two Wild Ruminants with a Note on Associated Lesions ... ... ... ...	149—155
6. RAINA, M. K. & DHAR, R. L. On <i>Camallanus</i> <i>fotedari</i> n.sp. (Nematoda : Spiruridea) from the Intestine of <i>Nemachilus kashmirensis</i> in Kashmir, India ... ... ... ...	157—160
7. MAHAJAN, R. On Two New Soil Nematodes, <i>Discolaimoides indicum</i> sp.nov. and <i>Pungentus</i> <i>juglensi</i> sp.nov., from around the Roots of <i>Juglans regia</i> in Kashmir, India ... ...	161—165
8. SATHANANTHAN, A. H. On Two New Nematodes of the Genus <i>Spironoura</i> (Oxyuroidea : Kathlaniidae) from a Ceylon Tortoise ... ...	167—173
9. HAMMOND, J. A. On <i>Athesmia</i> (Trematoda : Dicrocoeliidae) from Jackals in Tanzania ...	175—184
10. WEBBE, G. & JAMES, C. Host-parasite Relation- ships of <i>Bulinus globosus</i> and <i>B. truncatus</i> with Strains of <i>Schistosoma haematobium</i> ... ...	185—199

Vol. XLVI, Part 3

PAGES

1. SMEAL, M. G. & HENDY, G. A. A Technique for the Recovery of Strongyloid Infective Larvae from Pasture ... ... ... ... ...	201—211
1. GIBBONS, LYNDA M. <i>Kobusinema banagiense</i> sp. nov. a new Trichostrongylid Nematode from African Game Animals ... ... ... ... ...	213—218
3. PANDEY, V. S. Observations on the Morphology and Biology of <i>Echinococcus granulosus</i> (Batsch, 1786) of Goat-Dog Origin... ... ... ... ...	219—233
4. JANSEN, J. On <i>Nematodirus europaeus</i> n.sp. from the Small Intestine of the Roe Deer ( <i>Capreolus capreolus</i> ) ... ... ... ... ...	235—239
5. OGUNBA, E. O. Serological Investigations with <i>Loa loa</i> Antigens ... ... ... ... ...	241—250
6. SCHNUR, L. F. Observations on Cestodes of the Genera <i>Anoplocephala</i> Blanchard, 1848 and <i>Inermicapsifer</i> Janicki, 1910 from Hyraxes in East Africa ... ... ... ... ...	251—269
7. UPATHAM, E. S. Rapidity and Duration of Hatching of St. Lucian <i>Schistosoma mansoni</i> Eggs in Outdoor Habitats ... ... ... ... ...	271—276
8. UPATHAM, E. S. Interference by Unsusceptible Aquatic Animals with the Capacity of the Miracidia of <i>Schistosoma mansoni</i> Sambon to Infect <i>Biomphalaria glabrata</i> (Say) under Field-Simulated Conditions in St. Lucia, West Indies ... ...	277—283
9. TAYLOR, S. M. & CAWTHORNE, R. J. G. Species of Gastro-intestinal Helminths of Lambs in Northern Ireland ... ... ... ... ...	285—290
10. PRESTON, J. M. & JAMES, C. Infection of Hamsters with Terminal-spined Schistosomes ... ...	291—296

Vol XLVI, Part 4

1. UPATHAM, E. S. Exposure of Caged <i>Biomphalaria glabrata</i> (Say) to Investigate Dispersion of Miracidia of <i>Schistosoma mansoni</i> Sambon in Outdoor Habitats in St. Lucia ... ... ...	297—306
2. UPATHAM, E. S. Effects of Some Physico-chemical Factors on the Infection of <i>Biomphalaria glabrata</i> (Say) by Miracidia of <i>Schistosoma mansoni</i> Sambon in St. Lucia, W. Indies ... ... ...	307—315

	PAGES
3. UPATHAM, E. S. Effect of Water Depth on the Infection of <i>Biomphalaria glabrata</i> by Miracidia of St. Lucian <i>Schistosoma mansoni</i> under Laboratory and Field Conditions ... ... ... ...	317—325
4. WOOTTEN, R. Occurrence of <i>Eubothrium crassum</i> (Bloch, 1779) (Cestoda : Pseudophyllidea) in Brown Trout <i>Salmo trutta</i> L., and Rainbow Trout <i>S. gairdneri</i> Richardson, 1836, from Hanningfield Reservoir, Essex ... ... ... ...	327—339
5. KHALIL, L. F. <i>Afromacroderoides lazarae</i> gen. et sp. nov. (Allocreadiidae : Walliniinae), a new Digenean from the African Freshwater Fish <i>Clarias lazera</i> ... ... ... ...	341—344
6. BEVERLEY-BURTON, M. Helminths from Wild Anatids in Great Britain ... ... ... ...	345—355
7. RAY, D. K., BHOPALE, K. K. and SHRIVASTAVA, V. B. Migration and Growth of <i>Ancylostoma ceylanicum</i> in Golden Hamsters <i>Mesocricetus auratus</i> ... ... ... ...	357—362
8. FISCHTHAL, J. H. and KUNTZ, R. E. Some Digenetic Trematodes of Birds from Palawan Island, Philippines ... ... ... ...	363—380
9. MANGO, A. M., MANGO, C. K. A. and ESAMAL, D. A Preliminary Note on the Susceptibility, Prepatency and Recovery of <i>Fasciola gigantica</i> in Small Laboratory Animals ... ... ...	381—386
10. CASTELINO, J. B. and HERBERT, I. V. Investigation of the Accuracy of the Clayton-Lane Faecal Egg Flotation Technique for Estimating the Numbers of <i>Hyostrongylus rubidus</i> (Hassall and Stiles, 1892) Eggs in Pig Faeces ... ... ... ...	387—397
11. MACKIEWICZ, J. S. and MURHAR, B. M. Redescription of <i>Bovienia serialis</i> (Bovien, 1926) (Cestoidea : Caryophyllidea) from the Catfish <i>Clarias batrachus</i> (L.) in India... ... ... ...	399—405
12. METTRICK, D. F. Changes in the Distribution and Chemical Composition of <i>Hymenolepis diminuta</i> , and the Intestinal Nutritional Gradients of Uninfected and Parasitized Rats following a Glucose Meal ... ... ... ...	407—420