

## **CONTRIBUTORS AND CONTRIBUTORS' SECRETARIES PLEASE NOTE!**

Modern technology is marvellous but is not necessarily accompanied by improving eyesight. Manuscripts produced on word processors or microcomputers with dot matrix printers are not acceptable. Copy which is "dot printed" is difficult to read (referees and editorial staff), almost impossible to edit (editorial staff) and creates undue eyestrain on keyboard operators at the printers.

All manuscripts to be considered must be typed or printed on "letter quality" typewriters or printers. If not they will be returned for retyping or, in extreme cases, rejected on the grounds of unreadability.

While on the subject of presentation may I urge all concerned with submitting a paper to *Journal of Helminthology* to read, and act upon, the instructions to authors.

Essential, basic requirements are: typing all sections with double spacing and wide margins all round. Justification of the righthand margin is not required, is uneconomical and can be a source of error. References must be complete and in the correct form. At least two (preferably three) copies of the paper and illustrations should be sent to the Editor, all on good quality paper.

If you do not have a copy of our "Instruction to Contributors" to keep on your desk we will supply one on request. Attention to the instructions given will save time in the long run.

---

## INSTRUCTION TO CONTRIBUTORS

The *Journal of Helminthology* publishes papers on all aspects of animal parasitic helminths, particularly those of medical or veterinary importance, but only in exceptional circumstances will systematic or taxonomic studies be acceptable.

Manuscripts, which must be in English or French (with an English summary) should be accompanied by a letter signed by *all* the authors and should be addressed to:

The Editor, Journal of Helminthology,  
London School of Hygiene and Tropical Medicine,  
Winches Farm Field Station,  
395 Hatfield Road,  
St Albans, Herts AL4 0XQ,  
England.

Two copies of a typescript, on size A4 paper with double spacing, should be submitted. Papers should be preceded by a short abstract and will normally have the following sections: brief Introduction; Materials and Methods; Results; Discussion; Acknowledgements; References. However, the form of the paper may vary, depending on its subject matter; recent past issues should be consulted for a suitable form. Research Notes should also be preceded by a brief abstract. Illustrations should be drawn in Indian ink, preferably not more than double the final size. Care should be taken that all illustrations fit into the format of the Journal. The maximum size an illustration will be printed is 12·0 × 20·0 cm. Where many separate drawings are made, some indication of how they may be grouped to make a corporate plate without undue wastage of space, should be indicated. Some indication of scale (preferably a scale bar) should normally be given on the figure. Photocopies of illustrations should be enclosed for refereeing purposes. Lettering and numbering, which must be of a high standard, should be added by the author, with due regard for subsequent reduction.

Photographs should be glossy prints of the same size as they are to appear in the Journal (maximum size 12·0 × 20·0 cm). Composite prints must be mounted and can have the separate photographs abutting; they will then have a separating line inserted by the printers. All figures and letters on photographs must be inserted by the author.

Information should not be repeated in the text and in tables or figures. The legends to tables and to figures should be sufficiently detailed for the information to be understood without reference to the text.

References should be given in alphabetical order with the full title of the journal. The following are examples:

DUKE, B. O. L. (1971) The ecology of onchocerciasis in man and animals. In: *Ecology and Physiology of parasites* (editor, A. M. Fallis) pp. 213–222. Adam Hilger Ltd.: London.

JAMES, C. & WEBBE, G. (1973) A comparison of Egyptian and East African strains of *Schistosoma haematobium*. *Journal of Helminthology*, **47**, 49–59.

25 offprints are provided free of charge; additional copies may be ordered at the proof stage.

# Contents

9

	Pages
<i>Brugia pahangi</i> in the BALB/C mouse: a model for testing filaricidal compounds. E. DEVANEY, R. E. HOWELLS and G. SMITH	95-99
Characterization of mitochondrial monoamine oxidase of <i>Ascaridia galli</i> . S. K. MISHRA, A. AGARWAL, R. SEN and S. GHATAK	101-107
Reaginic and homocytotropic IgG antibodies in <i>Schistosoma mansoni</i> -infected <i>Mastomys natalensis</i> : time courses in untreated infections and after chemo- prophylactic and chemotherapeutic treatment. C. GORKOW and H. ZAHNER	109-117
Laboratory experiments to evaluate the ability of <i>Arthrobotrys oligospora</i> to destroy infective larvae of <i>Cooperia</i> species, and to investigate the effect of physical factors on the growth of the fungus. J. GRØNVOLD, H. KORSHOLM, J. WOLSTRUP, P. NANSEN and S. A. HENRIKSEN	119-125
The distribution of the infective larvae of sheep gastro-intestinal nematodes in soil and on herbage and the vertical migration of <i>Trichostrongylus vitrinus</i> larvae through the soil. J. H. ROSE and A. J. SMALL	127-135
Growth and form of the fourth-stage larvae and early adults of <i>Ascaris suum</i> Goeze, 1782 (Nematoda: Ascaridoidea) developing in pigs. R. T. O'GRADY and R. P. HARPUR	137-141
<i>Ancylostoma ceylanicum</i> (Looss, 1911) in golden hamsters ( <i>Mesocricetus auratus</i> ): pathogenicity and humoral immune response to a primary infection. S. MENON and M. K. BHOPALE	143-146
Biosynthetic labelling of the excretory and secretory antigens of <i>Toxocara canis</i> larvae. K. SUGANE, M. J. HOWELL and W. L. NICHOLAS	147-151
<i>Bulinus tropicus</i> , a natural intermediate host for <i>Schistosoma margrebowiei</i> in Lochinvar National Park, Zambia. V. R. SOUTHGATE, G. W. HOWARD, D. ROLLINSON, D. S. BROWN, G. C. ROSS and R. J. KNOWLES	153-155
Regulation of toxocariasis in mice selectively reared for high and low immune responses to <i>Nematospiroides dubius</i> . P. J. BRINDLEY, P. PROCIV, C. A. CREEVEY and I. J. EAST	157-166
Observations on the gross changes in the secondary lymphoid organs of mice infected with <i>Nematospiroides dubius</i> . N. M. H. ALI and J. M. BEHNKE	167-174
Attempts to manipulate specific responses to induce resistance to <i>Schistosoma mansoni</i> in Kenyan baboons ( <i>Papio anubis</i> ). R. F. STURROCK, A. E., BUTTERWORTH, V. HOUBA, B. J. COTTRELL, R. KIMANI, M. JOSEPH, A. CAPRON, R. RAMASAMY and J. SHAH	175-186
Differentiation of <i>Onchocerca gutturosa</i> and <i>O. lienalis</i> microfilariae by analysis of their GPI isoenzymes. (Research Note). H. A. FLOCKHART and A. E. BIANCO	187-189
Announcements	100, 108, 118, 190