

Parasitology

Back volumes. Vols. 1–71: Inquiries should be addressed to Wm. Dawson & Sons Ltd, Cannon House, Folkestone, Kent. Vols. 72 onwards: quotations for parts still in print may be obtained from Cambridge or the American Branch of Cambridge University Press.

Copying. This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to C.C.C. of the per-copy fee of \$11.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0031–1820/95 \$11.00 + .10.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

ISI Tear Sheet Service. 3051 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only.

For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

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.

© Cambridge University Press 1995

The Pitt Building, Trumpington Street, Cambridge CB2 1RP
40 West 20th Street, New York, NY 10011–4211, USA
10 Stamford Road, Oakleigh, Melbourne 3166, Australia

Printed in Great Britain by the University Press, Cambridge

Parasitology

CONTENTS

| | PAGE |
|--|------|
| Albuquerque, C. M. R. and Ham, P. J. Concomitant malaria (<i>Plasmodium gallinaceum</i>) and filaria (<i>Brugia pahangi</i>) infections in <i>Aedes aegypti</i> : effect on parasite development | 1 |
| Glynn, J. R. and Bradley, D. J. Inoculum size, incubation period and severity of malaria. Analysis of data from malaria therapy records | 7 |
| Dujardin, J. C., Dujardin, J. P., Tibayrenc, M., Timperman, G., De Doncker, S., Jacquet, D., Arevalo, J., Llanos-Cuentas, A., Guerrá, H., Bermudez, H., Hamers, R. and Le Ray, D. Karyotype plasticity in Neotropical <i>Leishmania</i> : an index for measuring genomic distance among <i>L. (V.) peruviana</i> and <i>L. (V.) braziliensis</i> populations | 21 |
| Webster, J. P., Lloyd, G. and MacDonald, D. W. Q fever (<i>Coxiella burnetii</i>) reservoir in wild brown rat (<i>Rattus norvegicus</i>) populations in the UK | 31 |
| Ter Kuile, B. H. and Müller, M. Maltose utilization by extracellular hydrolysis followed by glucose transport in <i>Trichomonas vaginalis</i> | 37 |
| Tchuem Tchuente, L. A., Southgate, V. R., Imbert-Establet, D. and Jourdane, J. Change of mate and mating competition between males of <i>Schistosoma intercalatum</i> and <i>S. mansoni</i> | 45 |
| Ellis, J. T. and Morrison, D. A. <i>Schistosoma mansoni</i> : patterns of codon usage and bias | 53 |
| Jazin, E. E., Bontempi, E. J., Sanchez, D. O., Åslund, L., Henriksson, J., Frasch, A. C. C. and Pettersson, U. <i>Trypanosoma cruzi</i> exoantigen is a member of a 160 kDa gene family | 61 |
| Robinson, K., Bellaby, T. and Wakelin, D. Immune response profiles in vaccinated and non-vaccinated high- and low-responder mice during infection with the intestinal nematode <i>Trichinella spiralis</i> | 71 |
| Veit, P., Bilger, B., Schad, V., Schäfer, J., Frank, W. and Lucius, R. Influence of environmental factors on the infectivity of <i>Echinococcus multilocularis</i> eggs | 79 |
| Smart, D., Johnston, C. F., Maule, A. G., Halton, D. W., Hrková, G., Shaw, C. and Buchanan, K. D. Localization of <i>Diploptera punctata</i> allatostatin-like immunoreactivity in helminths: an immunocytochemical study | 87 |
| Lindo, J. F., Robinson, R. D., Terry, S. I., Vogel, P., Gam, A. A., Neva, F. A. and Bundy, D. A. P. Age-prevalence and household clustering of <i>Strongyloides stercoralis</i> infection in Jamaica | 97 |
| Levar, M., Mirsky, A. F., Schantz, P. M., Castro, S. and Cruz, M. E. Parasitic infection in malnourished school children: effects on behaviour and EEG | 103 |
| Erratum | 113 |

