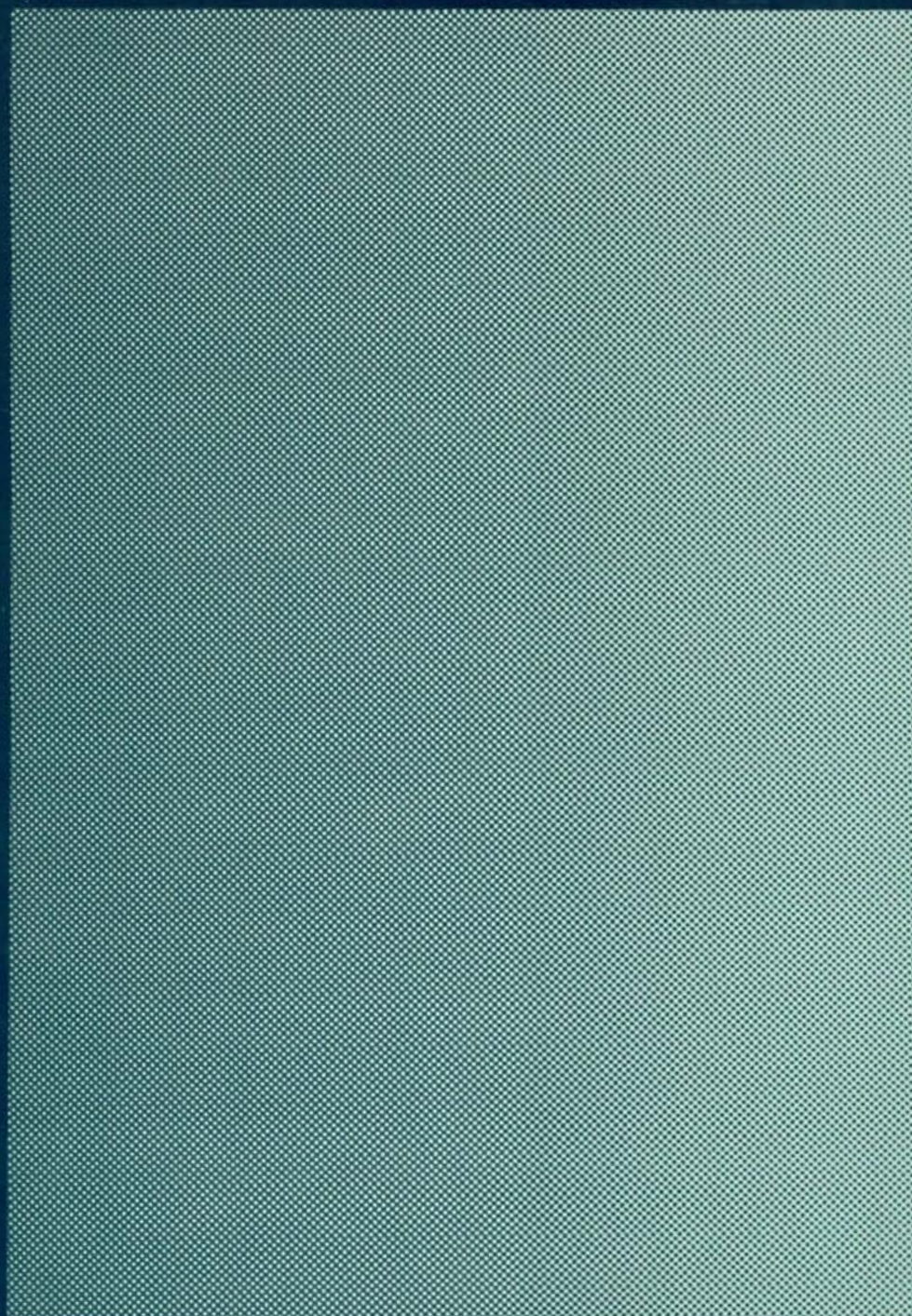


VOLUME 113 PART 6 DECEMBER 1996

# Parasitology



CAMBRIDGE UNIVERSITY PRESS

## Parasitology

### EDITORS

F. E. G. COX *and* C. ARME

### EDITORIAL ASSISTANT

M. ELISABETH PAINTER Ph.D.

### EDITORIAL POLICY

*Parasitology* publishes definitive papers on all aspects of pure and applied parasitology including biochemistry, molecular biology, immunology, genetics, ecology and physiology and also the application of new techniques, long term epidemiology studies, advances in the understanding of life-cycles, chemotherapy and major systematic revisions. Papers should normally be full length with an explanatory introduction and detailed discussion of the findings reported. Shorter reports of particularly important findings will also be considered. Instructions to authors can be found in the first part of each volume.

---

### EDITORIAL BOARD

R. M. ANDERSON, F.R.S., *University of Oxford*

R. W. ASHFORD, *Liverpool School of Tropical  
Medicine*

D. C. BARKER, *University of Cambridge*

D. A. P. BUNDY, *University of Oxford*

A. O. BUSH, *Brandon University, Manitoba*

L. H. CHAPPELL\*, *University of Aberdeen*

D. W. T. CROMPTON, *University of Glasgow*

K. DIETZ, *Universität Tübingen*

H. GINSBURG, *The Hebrew University of Jerusalem*

L. G. GOODWIN, F.R.S., *Finchampstead (Chairman)*

D. W. HALTON, *Queen's University, Belfast*

C. R. KENNEDY, *University of Exeter*

M. W. KENNEDY, *University of Glasgow*

D. L. LEE, *University of Leeds*

D. P. McMANUS, *Queensland Institute for Medical  
Research*

P. W. PAPPAS, *Ohio State University*

R. A. PAX, *Michigan State University, East Lansing*

D. ROLLINSON, *Natural History Museum, London*

A. SAUL, *Queensland Institute of Medical Research,  
Brisbane*

M. E. SCOTT, *McGill University*

A. SHER, *National Institutes of Health, Bethesda*

R. C. TINSLEY, *University of Bristol*

K. VICKERMAN, F.R.S., *University of Glasgow*

D. WAKELIN, *University of Nottingham*

P. J. WHITFIELD, *King's College, London*

R. A. WILSON, *University of York*

M. E. J. WOOLHOUSE, *University of Oxford*

\* Representing the British Society for Parasitology.

---

**Parasitology** (ISSN 0031-1820) is published monthly, plus two supplements issued in March and October. The March supplement contains the Proceedings of the Autumn Symposium of the British Society for Parasitology and the October supplement is specially commissioned.

**Subscriptions** may be sent to any bookseller or subscription agent or direct to the publisher: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU. Subscriptions in the USA, Canada and Mexico should be sent to Cambridge University Press, Journals Department, 40 West 20th Street, New York, NY 10011-4211. All orders must be accompanied by payment. The subscription price (excluding VAT) of volumes 112 and 113, 1996 is £292 (US \$540 in the USA, Canada and Mexico), payable in advance, for twelve parts plus supplements; separate parts cost £26 or US \$48 each (plus postage). EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered subscribers should provide their VAT registration number. Japanese prices for institutions (including ASP delivery) are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Tokyo 156, Japan. Second class postage paid at New York, NY and at additional mailing offices. POSTMASTER: send address changes in USA, Canada and Mexico to *Parasitology*, Cambridge University Press, 110 Midland Avenue, Port Chester, New York, NY 10573-4930.

Information on back volumes, permissions and advertising is given on the inside back cover.

The Journal is listed in the major relevant abstracting and indexing services worldwide, including Abstracts on Hygiene and Communicable Disease, Biological Abstracts, Biotechnology Research Abstracts, Chemical Abstracts, Current Awareness in Biological Science, Current Contents, Dairy Science Abstracts, Excerpta Medica, Helminthological Abstracts, Index Medicus, Index Veterinarius, IABS, Protozoological Abstracts, Reviews of Applied Entomology, Tropical Diseases Bulletin, Veterinary Bulletin.

Information on *Parasitology* and all other Cambridge journals is available on <http://www.cup.cam.ac.uk/> and in North America on <http://www.cup.org/>.