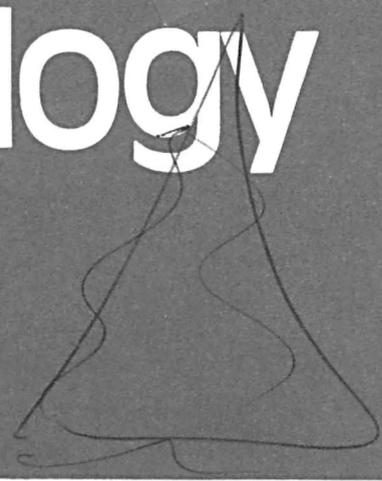


Parasitology

BL
LEARN TO
DRAW



THIRD EUROPEAN MULTICOLLOQUIUM OF PARASITOLOGY

Cambridge, September 7-13, 1980

WORKSHOP PROCEEDINGS

BRITISH
LEARNING
19 JUN 1981
CONFERENCE
EXED

BRITISH LIBRARY
19 JUN 1981
6406

2nd Copy



CONTENTS

W 1. Alternate metabolic pathways in protozoan energy metabolism	1
W 2. Parasitic infection and host nutrition	31
W 3. Serodiagnosis of parasitic infections	49
W 4. Biology of monogeneans	57
W 5. Strategies for conserving susceptibility to insecticides	69
W 6. Structure, function and evolution of kinetoplast DNA	81
W 7. Digestion in haematophagous arthropods	95
W 8. Epidemiology of schistosomiasis*	
W 9. Control of vectors by parasites and pathogens	117
W 10. Characters of microsporidian genera	131
W 11. Ecology of <i>Leishmania</i>	143
W 12. Immunity to adult cestodes	153
W 13. Evolution of helminths	161
W 14. Systematics and biology of <i>Ostertagia</i> sens. lat. (Nematoda: Trichostrongylidae)	175
W 15. Importation of tropical parasites to temperate regions	191
Laveran Lecture by Lucien Brumpt	205

* The report of this workshop was not received for publication.

THE THIRD EUROPEAN MULTICOLLOQUIUM OF PARASITOLOGY (EMOP 3) took place in the University of Cambridge from 7 to 13 September 1980. The meeting was held under the auspices of the European Federation of Parasitologists and detailed arrangements were made by the National Organizing Committee under the chairmanship of Dr B. A. Newton, Director of the Molteno Institute, University of Cambridge.

Scientific information was presented and discussed at colloquia for submitted papers, poster sessions, seminars and fifteen workshops at which several speakers introduced different aspects of a broad topic of general interest. The programme subcommittee asked each workshop chairman to prepare a report of the proceedings for publication in a special extra issue of *Parasitology* which was made available through the co-operation and generosity of Cambridge University Press. All the organizers of the European Multicolloquium hope that this permanent record of the workshop proceedings will enable scientific colleagues throughout the world to gain some impression of the present width of activity in parasitology in Europe.

Inevitably, the range of the workshop topics and the varied approaches of the chairmen in arranging their sessions and preparing their reports have produced contributions of differing style. From an editorial point of view, it seemed better therefore not to adopt too strict a uniform style for this issue of the journal; editorial alterations sometimes lead to unintended changes of meaning. Some reduction in the extent of material submitted for publication has been unavoidable and I hope that chairmen and contributors will understand and accept my thanks for all their work towards the production of this issue of *Parasitology*. Finally, it is a pleasure to include the text of Professor Lucien Brumpt's Laveran Lecture which was presented during the opening plenary session of the meeting.

D. W. T. CROMPTON

ACKNOWLEDGEMENTS

The National Organizing Committee gratefully acknowledge help from:

Cambridge University Press	Merck Sharpe and Dohme Ltd
The Company of Biologists Ltd	The Nuffield Foundation
Glaxo Holdings Ltd	The Royal Society
Jansen Pharmaceuticals Ltd	The Wellcome Foundation Ltd
The Wellcome Trust	

This issue of *Parasitology* forms an extra numbered part of one of the two volumes expected to be published in 1981. As such, it will be sent to all subscribers and will be available and catalogued in the usual manner in libraries. At a meeting of workshop chairmen it was agreed, by those able to attend, that readers intending to cite the workshop proceedings in subsequent publications and writings should endeavour to refer to specific contributions whenever possible rather than the authors of an entire report.

For example, it is suggested that reference to the contribution by Kearn to the workshop on the Biology of Monogeneans should be cited in a bibliography in the following general style:

KEARN, G. C. (1981). In *Biology of Monogeneans* (Workshop 4, EMPO 3). *Parasitology* **82**, 57-59.

When reference to a full report is needed, it is suggested that the citation should be given as follows:

LLEWELLYN, J. (1981). *Biology of Monogeneans* (Workshop Proceedings, EMPO 3), *Parasitology* **82**, 57-68.

D. W. T. CROMPTON