COMMONWEALTH INSTITUTE OF ENTOMOLOGY

Leading World Information Service on Insects & Mites of Economic Importance

PUBLICATIONS

- Review of Applied Entomology: an abstract journal covering the world literature on pests and beneficial arthropods. In two monthly parts: Series A (Agricultural) and Series B (Medical and Veterinary).
- Bulletin of Entomological Research: a quarterly journal of original research papers on arthropods of economic importance.
- Distribution Maps of Pests: giving the world distribution, with supporting references, of individual arthropod pests.
- Books and Monographs: on various subjects. Current list available on request.

RETRIEVAL SERVICES

- Computerised Information Retrieval: from the Commonwealth Agricultural Bureaux Abstracts Database, including RAE and all other main CAB abstract journals.
- Annotated Bibliographies: collections of abstracts on particular topics.
 Current list available on request; further bibliographies compiled to order.
- Micrographic Unit: facilities for most types of microform work.
- Library: a major world collection of research literature on arthropods of economic importance. Open to visitors.

TAXONOMIC SERVICES

- Identification Service: open to users in all parts of the world. Located in the British Museum (Natural History); over 30 000 insects and mites identified each year.
- International Training Courses: held annually in the applied taxonomy
 of insects and mites.
- Consultancy: advice on specific taxonomic problems and involvement of CIE taxonomists in research projects.

Further information from:

COMMONWEALTH INSTITUTE OF ENTOMOLOGY, 56 QUEEN'S GATE, LONDON SW7 5JR, UK.

Telephone: 01-584 0067 Telegrams: ENTINFO London SW7

CAB ABSTRACT JOURNALS AND SERIAL PUBLICATIONS

ANNUAL SUBSCRIPTION RATES 1984			
		Member Country	Non-Member Country
	Fraguency	Rates f	Rates £
Main abstract journals	Frequency	_	
Agricultural Engineering Abstracts	M	89.25	89.25
Animal Breeding Abstracts	M M	105·00 108·25	161·75 167·00
Dairy Science Abstracts Field Crop Abstracts	M	135.50	209.00
Forestry Abstracts	M	115.00	177-00
Forest Products Abstracts	M	55.00	85.00
Helminthological Abstracts,	М	89-25	136-50
A—Animal Helminthology B—Plant Nematology	Q	31.50	47.25
Herbage Abstracts	M	78.00	119.75
Horticultural Abstracts	M	147.00	225.75
Index Veterinarius Leisure, Recreation & Tourism Abstracts	M Q	151·50 47·25	233·25 47·25
Nutrition Abstracts & Reviews,	Q	47.23	47.23
A—Human & Experimental	M	151.50	221.50
B-Livestock Feeds & Feeding	M	89-25	136.50
Plant Breeding Abstracts Protozoological Abstracts	M M	162·75 94·50	251·00 94·50
Review of Applied Entomology,	IAT	94.20	34.20
A—Agricultural	M	93.50	144.00
B—Medical & Veterinary	M	46.25	71.50
Review of Medical & Veterinary Mycology	Q	39·00 93·50	60.00
Review of Plant Pathology Rural Development Abstracts	M Q	47·25	144·00 47·25
Rural Extension, Education and Training Abstracts	ğ	44.25	44.25
Soils & Fertilizers	M	140.75	216.50
Veterinary Bulletin	M	119.75	185.00
Weed Abstracts World Agricultural Economics and Rural Sociology	М	66.25	102.00
Abstracts	M	105.00	161.75
Primary journal			
Bulletin of Entomological Research	Q	46.25	71.50
Bulletin of Zoological Nomenclature	Q	42.00	42.00
Specialist abstract journals	M	20.00	20.00
Cotton & Tropical Fibres Abstracts Crop Physiology Abstracts	M M	39·00 112·50	39·00 112·50
Faba Bean Abstracts	ö	31.50	31.50
Irrigation & Drainage Abstracts	Q	46.25	46.25
Lentil Abstracts	A	6.50	6.50
Maize Quality Protein Abstracts Ornamental Horticulture	Q M	13·75 46·25	13·75 46·25
Plant Growth Regulator Abstracts	M	60.00	60.00
Potato Abstracts	M	47.25	47.25
Poultry Abstracts	M	80.00	80.00
Rice Abstracts Seed Abstracts	M M	60·00 66·25	60·00 66·25
Small Animal Abstracts	Q Q	33.75	33.75
Sorghum and Millets Abstracts	M	26.25	26.25
Soyabean Abstracts	M	46.25	46.25
Triticale Abstracts Tropical Oil Seeds Abstracts	Q M	20·00 33·75	20·00 33·75
Serial publications	141	33.73	33.73
Animal Disease Occurrence	Н	78.75	78.75
* Bibliography of Systematic Mycology	H	8.50	8.50
Biocontrol News & Information	Q	40.00	40.00
* Descriptions of Pathogenic Fungi and Bacteria	H A	15·75 7·50	15·75 7·50
* Descriptions of Plant Viruses * Distribution Maps of Pests	H	21.00	21.00
Distribution Maps of Plant Diseases	Ĥ	15.75	15.75
* Index of Fungi	Й	15.75	15.75
International Biodeterioration	Q	50·00	50·00
Forestry Card Title Service: Full Service (FA & FPA) Forestry Abstracts only (FA)	M M	70·50 53·50	108·25 82·00
Forest Products Abstracts only (FPA)	M	29.50	45.25
Index of Current Research on Pigs	Α	12.50	12.50
Pig News and Information	Q	29.50	29.50

New Subscriber Rates—35% OFF—offered to all first year subscribers (Members or Non-Member) providing that no subscription has been placed within the last five years.

* New subscriber rate does not apply to any publication starred.

M-Monthly

Q-Quarterly

H-Half year

CENTRAL SALES, COMMONWEALTH AGRICULTURAL BUREAUX, FARNHAM HOUSE, FARNHAM ROYAL, SLOUGH SL2 3BN, U.K.

NOTES FOR AUTHORS

Papers submitted for publication in the Bulletin of Entomological Research should be sent, in duplicate, to the Director, Commonwealth Institute of Entomology, 56 Queen's Gate, London SW7 5JR. They must deal with original research concerning insects, mites or ticks of economic importance in the agricultural, medical or veterinary fields; they must be of more than purely local interest, and taxonomic papers will not be accepted unless the organisms dealt with are of definite importance in the field of applied entomology. Review articles may also be submitted, but will normally be by invitation. Papers must not have been published or accepted for publication elsewhere. They will normally be published in order of their receipt in definitive form.

For general guidance on presentation and style, including the preparation of illustrations, contributors are urged to consult Writing Scientific Papers in English. An ELSE-Ciba Foundation Guide for Authors (by Maeve O'Connor & E. Peter Woodford), 116 pp., Amsterdam, Associated Scientific Publishers, 1975, ISBN 90-219-4035-3.

Text

Papers should be typewritten (double spaced, with ample margins and on one side of the paper only) and a current number of the *Bulletin* should be consulted for details of style and lay-out. Titles should be as brief as is consistent with clarity. Abbreviations should conform to *British Standard 1991*, *Part I*, 1967, and are alike in singular and plural; stops will be used only where ambiguity might occur, e.g. 'in.' not 'in' for inch, but 'in' for square inch. Metric units are preferred; if non-metric units are used, metric equivalents should be given at least once in each article.

Tables

Tables should be reduced to the simplest form, and should not be used where text or illustrations give the same information. They should be submitted on separate sheets at the end of the article and must on no account be of a size or form that will not conveniently fit into the page of the *Bulletin*.

Illustrations

Line drawings and graphs must be in jet-black indian ink, preferably on bristol board or tracing cloth. Graphs may be drawn on paper ruled in pale blue or light grey; paper having green, red, yellow or brown lines should not be used. Any stippling or hatching, as well as any numerals or lettering, on the text-figures must be completed, by the author, in a form suitable for reproduction; this work is not undertaken by the printer. Text-figures, when reproduced, cannot exceed 12-7 cm in width; if, therefore, the original drawings are larger, the lettering on them must be in proportion, so that it is still legible when reduced; special attention should be paid to the relative scales of lettering and line thicknesses in relation to the figure as a whole. Photographs for reproduction as figures are admissible when they are a real contribution to the text. Captions to figures should be typed on a separate sheet.

Abstract

Each paper must contain a carefully prepared and accurate informative abstract that shall be complete in itself and intelligible without reference to the text or figures. It should not exceed 250 words, and should be included at the beginning immediately after the title, author and author's affiliation.

References

References must be based on the name and year system and conform to the present usages of the *Bulletin*. Titles of journals should be abbreviated as in the 4th edition of *The World List of Scientific Periodicals*. References to unpublished information should normally be included only in the text—(A. B. Jones, pers. comm.) or (A. B. Jones. Control of sandflies by insecticides. Unpublished report. Ross Institute, London, 1950).

Off prints

Free copies of offprints are allowed as follows: One author—20 copies; two or more authors—30 copies. Further copies may be obtained on payment, and the number required should be specified when the paper is submitted.

JUNE 1984 VOL. 74(2)

BULLETIN OF ENTOMOLOGICAL RESEARCH

(World List Abbreviation: *Bull. ent. Res.*)
ISSN 0007-4853

AUE
175
191
197
207
227
239
249
261
279
299
311
317
227

© Commonwealth Agricultural Bureaux, 1984

All rights reserved. No part of this publication may be reproduced, in any form or by any means, electronically, mechanically, by photocopying, recording or otherwise, without prior permission of the copyright owner.