

September 1986

ISSN 0007-4853  
Vol. 76(3), 359-537

# Bulletin of Entomological Research



C·A·B International Institute of Entomology

# C·A·B INTERNATIONAL INSTITUTE OF ENTOMOLOGY

## Director

K. M. HARRIS, BSc, DSc, DipAgrSc, DTA, FIBiol

## Editor

J. M. B. HARLEY, BSc

*Headquarters, Publication Office and Library*—56 Queen's Gate, London SW7 5JR, UK.  
Telephone: 01-584-0067. Telegrams: ENTINFO LONDON SW7. BT GOLD/DIALCOM:  
84: CAU006. Telex: 265871 MONREF G (Box CAU006).

*Identification Service*—c/o British Museum (Natural History), Cromwell Road, London SW7 5BD, UK.

The C·A·B International Institute of Entomology is one of 10 Bureaux and 4 Institutes that together form C·A·B International, an organization sponsored by the Commonwealth governments for the dissemination of information on agricultural research.

The *Bulletin of Entomological Research* is a quarterly journal prepared by the Institute and published by C·A·B International.

### *Annual Subscription Rate 1986*

To subscribers in countries that are members of CAB	£64·00
To subscribers in countries that are not members of CAB	£85·00

### *Back Numbers*

Back volumes of the *Bulletin of Entomological Research* are available at a discount.

Orders and enquiries concerning subscriptions and back numbers should be sent to

CENTRAL SALES,  
C·A·B INTERNATIONAL,  
FARNHAM ROYAL, SLOUGH SL2 3BN, UK.  
TEL: FARNHAM COMMON (02814) 2662  
TELEX: 847964 COMAGG G  
TELEGRAMS: COMAG, SLOUGH  
INTERNATIONAL DIALCOM: 84: CAU001

[Note: Prices are subject to change without notice.]

© C·A·B International, 1986. 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 the prior permission of the copyright owner.

The Executive Council of C·A·B International is a signatory to the Fair Copying Declaration, details of which can be obtained from The Royal Society, 6 Carlton House Terrace, London SW1, UK.

C·A·B International does not accept responsibility for any trade advertisement included in this publication.

---

C·A·B INTERNATIONAL INSTITUTE  
OF ENTOMOLOGY

---

**Ninth International Course on  
Applied Taxonomy of Insects and  
Mites of Agricultural Importance  
16th March – 1st May 1987**

---

This seven-week course will provide training for twelve participants in the collection, curation and identification of insects and mites of agricultural importance especially as pests, predators, parasitoids and pollinators.

Lectures and practical work will cover the collection, preparation and labelling of insects and mites, importance of accurate identification, taxonomic principles, zoological nomenclature, identification of selected families, genera and species of economic importance and information retrieval. Visits to several research establishments will be arranged.

Candidates should preferably have a degree in biology or agriculture and be involved in crop protection in agriculture or forestry, preferably with responsibility for the maintenance of a reference collection and provision of identification services.

A fee of £725 Sterling will be charged to cover tuition costs. Participants will be expected to make their own travel and accommodation arrangements.

A small number of fellowships may be made available by the Commonwealth Fund for Technical Cooperation to candidates who have been offered places on the course and are officially nominated by governments of the developing countries of the Commonwealth. These fellowships cover travel, subsistence and course fees.

**Closing date for receipt of applications 16 October 1986**

---

**Application forms and further details are available from:**

The Director,

C·A·B International Institute of Entomology,

56 Queen's Gate, London SW7 5JR, UK.

Telephone: 01-584 0067. Telegrams: ENTINFO London SW7. Telex: 265871

MONREF G (Box CAU006).

---

# Review of Applied Entomology

prepared by the C.A.B. International Institute of Entomology

A monthly abstracting journal in two parts: *Series A (Agricultural)* covering the world literature on insects, mites and other arthropods harmful to cultivated plants of every kind including forest trees, and also beneficial arthropods; *Series B (Medical and Veterinary)* covering the world literature on insects, mites, ticks and other arthropods that transmit diseases to man or livestock or cause any other form of injury to them.

Annual subscriptions (1986): Series A £165, Series B £96 (£122 and £75 in member countries of the C.A.B. International).

Further details and free sample copies from: Central Sales, C.A.B. International, Farnham House, Farnham Royal, Slough SL2 3BN, UK.

## Methods for the Study of Pest Diabrotica

**Editors: J. L. Krysan, T. A. Miller**

With contributions by numerous experts

With a Foreword by R. L. Metcalf

1986. 68 figures, 19 tables. XX, 260 pages. (Springer Series in Experimental Entomology). Hard cover DM 198,-. ISBN 3-540-96210-7

**Contents:** Introduction: Biology, Distribution, and Identification of Pest *Diabrotica*. – Rearing and Handling of *Diabrotica virgifera* and *Diabrotica undecimpunctata howardi*. – Rearing and Handling of *Diabrotica balteata*. – Methods for the Study of Pheromones and Kairomones. – Egg Sampling Techniques. – Field Sampling of Larvae and Pupae. – Field Sampling of Adult Populations. Artificial Infestation of Field Plots. – Larval Feeding Behavior and Host Plant Resistance in Maize. – Field Evaluation of Insecticides for Control of Larvae of Corn Rootworms. – Toxicological Methods and Laboratory Testing of Insecticides. – Evaluation of *Diabrotica* Beetles as Vector of Plant Viruses. – Index.

Springer-Verlag  
Berlin Heidelberg  
New York Tokyo

Heidelberg Platz 3, D-1000 Berlin 33  
175 Fifth Ave., New York, NY 10010, USA  
37-3, Hongo 3-chome, Bunkyo-ku, Tokyo 113, Japan

7759/429

Springer

