# BULLETIN of ENTOMOLOGICAL RESEARCH



International Institute of Entomology

AN INSTITUTE OF CAB International

# **Bulletin of Entomological Research**

The Bulletin of Entomological Research is a quarterly journal published by CAB International and edited by the International Institute of Entomology (an Institute of CAB International).

### **Editors**

Dr M.R. Wilson Ms A.K. Walker

International Institute of Entomology, 56 Queen's Gate, London, SW7 5JR, UK. (Tel: 071 584 0067.

Fax: 071 938 9309. Telex: 9312102251 IE G)

### **Editorial Board**

R. Blackman, The Natural History Museum, London, UK.

A.G. Cook, Natural Resources Institute, Chatham, UK.

H.C.J. Godfray, Imperial College at Silwood Park, Ascot, UK.

C.P. Haines, Natural Resources Institute, Chatham, UK.

J.D. Holloway, International Institute of Entomology, London, UK.

N.J. Mills, University of California, Albany, USA.

A.R. McCaffrey, University of Reading, Reading, UK.

S.E. Reynolds, University of Bath, Bath, UK.

H. Townson, Liverpool School of Tropical Medicine, Liverpool, UK.

A. Polaszek, International Institute of Entomology, London, UK.

## Advisory Board

T.N. Ananthakrishnan, Entomology Research Institute, Loyola College, Madras, India.

R. Gámez, Instituto Nacional de Biodiversidad, Costa Rica.

K.M. Harris, International Institute of Entomology, London, UK.

R.P. Lane, London School of Hygiene and Tropical Medicine, London, UK.

J.F. Longworth, Department of Scientific and Industrial Research, Auckland, New Zealand.

L.A. Mound, The Natural History Museum, London, UK.

O. Mochida, National Agriculture Research Centre, Japan.

B. Napompeth, National Biological Control Research Center, Bangkok, Thailand.

T.R. Odhiambo, International Centre of Insect Physiology and Ecology, Nairobi, Kenya.

I.D. Oka, Bogor Research Institute for Food Crops, Bogor, Indonesia.

G.H.L. Rothschild, Australian Center for International Agricultural Research, Canberra, Australia.

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

Marketing and Sales Division, C·A·B INTERNATIONAL, Wallingford, Oxon, OX10 8DE, UK. Telephone: Wallingford (0491) 32111

Telex: 847964 (COMAGG G)

Fax: (0491) 33508

Telecom Gold/International Dialcom: 84: CAU001

# Disclaimer

The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk.

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



# International Institute of Entomology The Natural History Museum



# Twelfth International Course on Applied Taxonomy of Insects and Mites of Agricultural Importance

July 6 - August 21, 1992

Training in the collection, curation and identification of insects and mites of importance in agriculture, forestry and storage.

# **Syllabus**

- \* Importance of accurate identification
- \* Collecting methods
- \* General curatorial methods, including preparation and labelling
- \* Preparation and packing for safe transit by post
- \* Taxonomic principles
- \* Zoological nomenclature
- \* External morphology of insects and mites with special reference to taxonomic characters
- \* Identification of selected families, genera and species of importance in agriculture, forestry and storage
- \* Seminars and special lectures on related topics
- \* Information retrieval
- \* Visits to research establishments

This is an an intensive course reviewing all the major groups of insects. The aim of the course is to equip participants with the knowledge and skills to provide "on-the-spot" identification of the more familiar species associated with important crops.

It is intended for entomologists working in the tropics in the fields of agriculture, forestry or environmental protection. Applicants should have some previous experience of insect identification and should ideally be involved in identifying insects in their daily work or providing an identification service to others. They are likely to be working in government ministries, national or government ministries, national or international research institutes, universities and museums or reference collections.

Fees: A course fee of £2,100 is payable in advance by successful applicants. This fee **does not** include the cost of travel to and from London or accommodation.

Further information and application forms are available from Dr M. Cox, International Institute of Entomology, 56 Queen's Gate, London SW7 5JR (Fax: 44 71 581 1676).

Completed forms should be returned to arrive not later than 1 March 1992.

# International Training Workshop On Identification and Biology of Parasitic Insects

*August 23 – September 5, 1992* 

Organised by
National Biological Control Coordinating Committee of Malaysia in collaboration with
International Institute of Entomology, London

The training workshop will provide biological control workers with the opportunity to learn about the identification, biology, rearing and collecting of parasitic insects.

# **Syllabus**

- \* Introduction to biological control and integrated pest management
- \* Identification of the major families and subfamilies of parasitic insects
- \* Field work collection and rearing
- \* Biology of parasitic insects
- \* Preparation of specimens
- \* Information sources

This is an intensive two week course covering all the relevant aspects concerned with the identification,

biology, rearing and collecting of parasitic insects. The aim of the course is to equip the participants with a knowledge of how to recognise the major groups of parasitic insects encountered in biological control. The course will involve field as well as laboratory sessions and will include practical aspects on how to collect and rear specimens.

The course will benefit biological control workers, plant protection officers, quarantine officers and students of systematics or biology of parasitic insects.

Applicants should have some previous experience of insect identification, at least a basic degree and preferably working in biological control.

Fees: Registration fees of US\$ 1200 per person or US\$ 1800 inclusive of full board and lodging on campus should be submitted by 30 April 1992

# Further information and applications forms are available from:

The Head, Training Workshop on Identification and Biology of Parasitic Insects, c/o Department of Plant Protection, Universiti Pertanian Malaysia, 43400 UPM, Serdang, Selangor, Malaysia. (Fax: 603 9482507).