

# IOBC Newsletter 42

ORGANISATION INTERNATIONALE DE LUTTE BIOLOGIQUE CONTRE LES ANIMAUX  
ET LES PLANTES NUISIBLES (OILB)

DECEMBER 1987

IOBC/OILB is affiliated to the International Council of Scientific Unions (ICSU)  
as the Section of Biological Control of the International Union of Biological Sciences (IUBS)

## EDITORIAL

### ELECTIONS

In agreement with the Statutes of the worldwide IOBC, every regular member of the global body will receive the list of candidates for the new Executive Committee, the documents being despatched in the first half of January 1988. Would all those concerned please return the voting material as soon as possible and note that the closing date for the postal ballot is May 15, 1988.

### MEMBERSHIP FEES 1988 AND ADVANTAGES TO REGULAR MEMBERS

As a rule, fees of the global IOBC will remain unchanged for 1988 for all categories of membership, in spite of the variations in the exchange rate of the American currency. A subscription form for the year 1988 is included in the present IOBC Newsletter 42, which should be filled out and returned to the Secretary-General before the end of February 1988. (Members of NRS please check with their own Section).

### PAGE CHARGES FOR PAPERS ACCEPTED FOR PUBLICATION IN ENTOMOPHAGA

Would prospective authors please note that there is a charge of US \$ 20 per page published by ENTOMOPHAGA. Regular members of IOBC are, however, exempted from this page charge, provided they are first (senior) authors of a contribution, and pending acceptance by the Editorial Board. Pages in excess of 8 (as compared with 10 as up to now) will be charged at the rate of US \$ 48 per page. The exemption is for a maximum of 8 pages per volume of the Journal. Authors who wish to have their article published without delay may always do so by paying the total charge of US \$ 48 per page.

## EXECUTIVE COMMITTEE OF THE GLOBAL IOBC

President : V. Delucchi, Institut für Phytomedizin, Clausiusstr. 21, ETH-Zentrum, 8092 Zurich (Switzerland)

Vice-Presidents : J.R. Coulson, Benef. Insects Introd. Labor., USDA ARS, BARC East Build. 476, Beltsville Maryland 20705 (USA)

V. Landa, ČSSR Academy of Sciences, Institute of Entomol., 16609 Praha 2 (Czechoslovakia)

Secretary-General : J.P. Aeschlimann, CSIRO Biological Control Unit, 335 avenue Paul Parguel, 34100 Montpellier (France)

Treasurer : K.P. Carl, CAB International, European Station, 1 chemin des Grillons, 2800 Delémont (Switzerland)

Past-President : K. Hagen, Div. of Biological Control, Univ. of California, 1050 San Pablo Ave, Albany California 94706 (USA)

## NEWS FROM WORKING GROUPS

### WG OSTRINIA NUBIALIS

Chairman : P. Anglade, Station Zoologie Agric., La Grande-Ferrade, 33140 Pont-de-la-Maye (France)

Editor of IWGO-Newsletter : J.K. Berger, Federal Institute Plant Protection, Trunerstr. 5, 1020 Vienna (Austria). The editor would welcome information for inclusion in the next issue.

### WG BRUCHIDS

Chairman : V. Labeyrie, IBEAS, Rue de l'Université, 64000 Pau (France).

### WG HELIOTHIS

Chairman : E.G. King, USDA ARS, Insect Management Labor., P.O. Box 225, Stoneville Mississippi 38776 (USA)

Newsletter 6 of the WG on *Heliothis* (60 + 8 pp.) was released in May 1987. The editor was S. Sithanatham, ICRIAT, Patancheru 502324 Andhra Pradesh (India). Additional copies may be obtained from W. Reed, at the same address.

Items to be considered for the next Newsletter of the WG should be sent to the editor, P. Twine, Entomology Branch, Queensland Dept. of Primary Industries, P.O. Box 102, Toowoomba Queensland 4350 (Australia), or to the chairman. A Symposium on the biosystematics and bio-control of *Heliothis* will be organized during the Intern. Congress of Entomology, Vancouver (Canada), 3-9 July 1987, jointly by the IOBC WG *Heliothis* and the International Advisory Committee for Biosystematic Services in Entomology (IACBSE).

#### *WG QUALITY CONTROL OF MASS-REARED ARTHROPODS*

Chairman : C.O. Calkins, USDA ARS, Insect Attractants Labor., P.O. Box 14565, Gainesville Florida 32604 (USA)

Assistant chairman : F. Bigler, Eidgen. Forschungsanst., FAP, Reckenholzstr. 191, 8046 Zurich (Switzerland).

The 4th Biennial Workshop of this WG is to be convened at Vancouver during the week preceding the International Congress of Entomology. Scientists, insect rearing and quality control specialists are extremely welcome and expected to actively participate in the sections. Experienced colleagues who would like to attend are invited to write to F. Bigler (address as above).

#### *WG TRICHOGRAMMA*

Co-chairmen : S.A. Hassan, Inst. für biol. Schädlingsbekämpfung, Heinrichstr. 243, 6100 Darmstadt (FRG)

J.C. Van Lenteren, Agric. Univ., Dept. of Entomol., P.O. Box 8031, 6700 AH Wageningen (The Netherlands)

J. Voegelé, Station Zoolog. INRA, 37 boulevard du Cap, B.P. 78, 06602 Antibes (France).

The Proceedings of the 2nd Symposium on *Trichogramma*, Guangzhou (China), Colloques de l'INRA, 1987, some 600 pages, is available. Please order from the INRA, Service des Publications, route de Saint-Cyr, 78000 Versailles (France). Price of the volume is FF 300. Telex INRAPUB 699 368 F is also available for ordering. (One copy of the Proceedings will be despatched free to every institutional member of the global IOBC).

#### *WG FRUIT FLIES OF ECONOMIC IMPORTANCE*

Chairman : B.S. Fletcher, CSIRO Division of Entomol., GPO Box 1700 Canberra ACT 2601 (Australia)

Coordinator : E. Boller, Federal Research Station, 8820 Wädenswil (Switzerland).

A joint meeting of the IOBC WG and of the Tephritid Taxonomy Group of the International Advisory Committee for Biosystematic Services in Entomology (IACBS) is planned in conjunction with the International Congress of Entomology at Vancouver. Everyone interested, please write to the B. Fletcher (address as above).

#### *ECOLOGY OF APHIDOPHAGA*

The creation of a WG devoted to the study of natural enemies of aphids has now to be ratified by the Council of the global IOBC. In the meantime, a short article describing the future trends in this field has been prepared by several scientists under the leadership of A. F. G. Dixon and is available from E. Niemczyk, Res. Inst. Pomology, 96-100 Skierniewice (Poland).

#### *BIOLOGICAL CONTROL OF PLANT PATHOGENS*

A number of specialists are presently trying to organize themselves as a Working Group, perhaps of the worldwide IOBC. Ideas on the topic should be sent in writing to D. Bouhot, INRA, 17 rue de Sully, 21034 Dijon (France).

#### **NEWS FROM REGIONAL SECTIONS**

##### *WEST PALAEARCTIC REGIONAL SECTION (WPRS/SROP)*

Président : C.A. Pelerents, Leerst. Dierkunde, Fac. Landbouw., Coupure Links 653, 9000 Gand (Belgium).

Secrétaire-Général : J.P. Bassino, ACTA, 149, rue de Bercy, 75595 Paris Cedex 12 (France).

Bulletin SROP/WPRS Bulletin 1987/X/3 (Working Group « Use of Pheromones and other Semiochemicals in Integrated Control », 76 pp) is available from the Editor, E. Arn, Eidg. Forschungsanst., 8820 Wädenswil (Switzerland).

Bulletin SROP/WPRS Bulletin 1987/X/4 (Working Group « Integrated Control in Oilseed Rape », 94 pp) is available from the Convenor, B. Bromand, National Res. Centre Plant Prot., Inst. Pestic., Lottenborgvej 2, 2800 Lyngby (Denmark).

##### *EAST PALAEARTIC REGIONAL SECTION (EPRS)*

President : N.M. Golyshin, Ministry of Agric., Orlikov pereulok 1/11, 107139 Moscow (USSR)

Secretary-General : V.I. Martinenko (same address)

Activity reports of the different Commissions of EPRS covering the period 1984-87 have been recently released (Biological control in forests ;

pheromones and genetics; IPM; entomophages and biological control of weeds, etc.). Ask N. Golyshin for copies in English.

#### *SOUTH AND EAST REGIONAL SECTION (SEARS)*

President: B. Napompeth, National Biol. Control Res. Center, Kasetsart Univ., P.O. Box 9-52, Bangkok 10900 (Thailand)

Secretary-General: W. Suasa-ard (same address).

#### *NEARCTIC REGIONAL SECTION (NRS)*

President: J.R. Coulson (address on p. 1)

Secretary-Treasurer: J.J. Obrycki, Dept. of Entomol., Iowa State Univ., Ames Iowa 50011 (USA)

Corresponding-Secretary: J.C. Miller, Dept. of Entomol., Oregon State Univ., Corvallis Oregon 97331 (USA).

#### **ANNOUNCEMENTS**

**ENTOMOPHAGA**: Chief Editor C. Bénassy, Station de Zool. INRA, Route de Biot, 06560 Valbonne (France).

Subscribers to the Journal will be getting issues 4 and 5 of volume 32 together, towards the end of December 1987. Volume 33 (1988), again with over 500 pages of scientific articles will be available for members of IOBC at the same rate as for 1987.

The Editorial Board of **ENTOMOPHAGA** has been renewed and will be as follows for the next term (1988-89):

G.A. Beglyarov (USSR)	M. Mackauer (Canada)
S. Finch (UK)	B. Papicrok (France)
G. Gordh (USA)	C. Payne (UK)
A.P. Gutierrez (USA)	D. Rosen (Israel)
Y. Hirose (Japan)	G.H.L. Rothschild (Australia)
I. Hodek (CSSR)	B. Vinson (USA)
A. Jarraya (Tunisia)	J. Waage (UK)
K. Kiritani (Japan)	

Starting with volume 33, **ENTOMOPHAGA** will publish short articles dealing with new, potentially important, or controversial aspects of the biological and integrated control of pests. This will occur under the heading « Opinions », and prospective authors are invited to submit their manuscripts to the Chief Editor.

#### *NEW BOOKS — LIVRES NOUVEAUX*

Cameron, P.J. et al. (eds.). *Invertebrates Imported into New Zealand for Biological Control of Invertebrate Pests and Weeds, for Pollination, and for Dung Dispersal, from 1874 to 1985*. 1987. DSIR Bulletin 242. 51 pp. Order from SIPC, P.O. Box 9741, Wellington (New Zealand). Price NZ \$ 15 or US \$ 7.50.

Marsh, P.M., Shaw, S.R. & Wharton, R.A. *An Identification Manual for the North American Genera of the Family Braconidae*. 1987. Mem. ent. Soc. Washington. Order from V.L. Blackburn, Entom. Soc. Washington, c/o US Nat. Mus. NHB 168 Washington DC 20560 (USA). Price US \$ 18.

Tait, J. & Napompeth, B. (eds.). *Management of Pests and Pesticides. Farmers' Perceptions and Practices*. 1986. F.A. Praeger publ. Order from Westview Press, Customer Serv. Dept., 5500 Central Avenue, Boulder Colorado 80301 (USA). Price US \$ 35.50.

Julien, M.H. (ed.). *Biological Control of Weeds. A World Catalogue of Agents and their Target Weeds*. 2nd ed. 1987. 150 pp. Order from CAB International, Sales Div., Wallingford Oxon OX10 8DE (UK). Price £ 12.25 (UK), £ 13.50 elsewhere.

Slansky, F. & Rodriguez J.G. (eds.). *Nutritional Ecology of Insects, Mites, Spiders and Related Invertebrates*. 1987. 1032 pp. Order from J. Wiley & Sons Ltd., Baffins Lane, Chichester Sussex PO19 1UD (UK). Price £ 95.45 or US \$ 139.95.

Hill, D.S. *Agricultural Insect Pests of Temperate Regions and their Control*. 1987. 659 pp. Cambridge Univ. Press. Price £ 60.

Cavalloro, R. (ed.). *Integrated Tse-Tse Fly Control: Methods and Strategies*. 1987. Proc. of the CEC intern. Symposium, Ispra, March 4-6, 1986. 210 pp. Balkema publ. This as well as some 15 recent titles, all dealing with IPM and biological control are available directly from the publisher, A.A. Balkema, P.O. Box 1675, 3000 BR Rotterdam (The Netherlands). Up to 20% discount for the participants of the various conferences and symposia.

#### *PERIODICALS — REVUES*

*Chalcid Forum* 9, September 1987, 36 pp. is available from the editors at the Biosystematics Res. Centre, Agric. Canada, K.W. Neatby Build., Ottawa Ontario K1A 0C6 (Canada).

*Ichnews* 10, August 1987, 39 pp. may be obtained at the same address as *Chalcid Forum*, or from P.M. Marsh, Syst. Entom. Labor., USDA c/o Nat. Mus. Nat. History, Washington DC 20560 (USA).

#### *FORTHCOMING MEETINGS — CONFERENCES*

December 16-17, 1987. *Symposium on Movement of Pests and Control Strategies*, Kuala Lumpur. Information from The Director, ASEAN, Post Bag 209, UPM Post, 43400 Serdang Selangor (Malaysia).

Mai 16-Juin 10, 1988. *Cours sur les Ecosystèmes Terrestres: Bases Ecologiques pour la Gestion Rationnelle des Milieux de Type Méditerranéen*, IAM Saragosse (Espagne). Inscriptions auprès de l'IAM, Apartado 202, 50080 Zaragoza (Espagne).

Juin 6-9, 1988. Problèmes Phytosanitaires et Perspectives de Lutte Intégrée en Viticulture, Symposium international, Lisbonne. Pour tout renseignement, s'adresser à E. Julio, Centro Nacion. Protec. Prod. Agric., Quinta do Marquês, 2780 Ociras (Portugal).

September 18-23, 1988. XIIth International Congress for Tropical Medicine and Malaria, Amsterdam. Information from RAI, Organ. Bureau by, Europaplein 12, 1078 GZ Amsterdam (The Netherlands).

October 25-28, 1988. Parasitis 88, 2nd Industrial Forum of Industries and Technologies for Pest Control, Barcelona (Spain). Information from Parasitis, 8, rue Eynard, 1205 Geneva (Switzerland).

August 23-30, 1990. Vth. International Congress of Ecology, Yokohama. Information from A. Miyawaki, Inst. Environm. Sci., Yokohama Nation. Univ., 156 Tokiwadai, Hodogaya-ku, Yokohama 240 (Japan).

Montpellier, December 1, 1987

Editor of this issue : Jean-Paul Aeschlimann