

# IOBC Newsletter 47

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

AUGUST 1989

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

The Council of the global IOBC is to have its statutory biennial meeting at Florence (Italy), towards the end of September 1989, i.e. at the same time as the WPRS of IOBC will be holding its General Assembly. On the same occasion, a meeting of the Managing Committee of ENTOMOPHAGA is to be organized. As important issues (like the creation of new Regional Sections, the activities and finances of the global Working Groups, and the renewal of the contract with the publisher of our scientific Journal) are to be discussed, all those concerned, and in particular the convenors of the various Working Groups, and the Committee members of the different Regional Sections are invited to submit their suggestions and comments in writing to the General Secretariat (address as indicated below), before September 15, 1989.

## EXECUTIVE COMMITTEE

President : J.R. Coulson, Benef. Insects Introd. Lab.,  
USDA ARS, BARC East Build. 476, Beltsville  
Maryland 20705 (USA)

Vice-Presidents : F.A. Klingauf, Biol. Bundesanstalt,  
Messeweg 11-12, 3300 Braunschweig (FRG)

G. Beglyarov, Inst. Phytopathology, Min. of Agric.,  
Orlikov per. 1/11, 107139 Moscow (USSR)

Secretary-General : J.P. Aeschlimann, CSIRO Biol.  
Control Unit, 335 avenue P, Parguel, 34090  
Montpellier (France)

Treasurer : J. Freuler, Station Féd. Rech. Agron.,  
Domaine de Changins, 1260 Nyon (Switzerland)

Past-President : V. Delucchi, Inst. Pflanzenwiss.,  
Entomologic, Clausiusstr. 21, ETH-Zentrum,  
8092 Zurich (Switzerland).

## NEWS FROM WORKING GROUPS

### WG OSTRINIA NUBILALIS

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

IWGO Newsletter 10 (1), 27 pp. was issued in  
May 1989 and may be obtained from the edi-  
tor, H.K. Berger, Bundesanstalt Pflanzensch.,  
Trunnerstr. 5, 1020 Vienna (Austria), like all  
previous issues.

Proceedings of the XIVth IWGO Meeting, Beijing  
(P.R. China), 1986, 180 pp., may be ordered  
from Zhou Darong, Inst. Plant Protection, Chin.  
Acad. Agric. Sci., West Yuan Ming Rd, Beijing  
(P.R. China) at US \$ 16.70 per copy.

### WG HELIOTHIS

Chairman : E.G. King, USDA ARS, Subtrop. Agric.  
Res. Lab., P.O. Box 267, Weslaco Texas 78596  
(USA).

### WG QUALITY CONTROL OF MASS-REARED ARTHROPODS

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

Assistant chairman : N.C. Leppla, USDA ARS,  
Subtrop. Crop Ins. Res., P.O. Box 267, Weslaco  
Texas 78596 (USA).

The main contributions given at the Vancouver 1988  
workshop will be published this year in Zeits. Ang.  
Entomologie.

### WG TRICHOGRAMMA AND OTHER EGG PARASITIDS

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

G.A. Pak, Agric. Univ., Dept. Entomol., P.O.  
Box 8031, 6700 AH Wageningen (NL)

E. Wajnberg, INRA Station de Zoologie, 37  
boulevard du Cap, B.P. 2078, 06606 Antibes  
Cedex (France).

### WG FRUIT FLIES OF ECONOMIC IMPORTANCE

Chairman : P. Liedo Fernandez, Programa Moscardes,  
Apdo Postal 368, Tapachula Chiapas 30700  
(Mexico).

The next International Symposium will be organized in 1990 in Guatemala; for more information, ask the chairman.

#### WG BRUCHIDS

Colleagues interested in the ecology, distribution, demography, and biological control of bruchids, please contact one of the followings

C.D. Johnson, Biol. Sci. 335, Northern Arizona Univ., P.O. Box 5640, Flagstaff Arizona 86011 (USA)

A. van Huis, Dept. Entomol., Agric. Univ., P.O. Box 8031, 6700 EH Wageningen (NL), or

V. Labeyrie, IBEAS, rue de l'Université, 64000 Pau (France)

if you wish the activities of the WG to be discussed at the Okayama (Japan) meeting of September 1989.

#### WG ECOLOGY OF APHIDOPHAGA

Chairman : I. Hodek, Inst. Entom., ČSSR Acad. of Sci., 300 05 České Budejovice, Branisovska 31, (ČSSR)

Co-chairman : R. Chambers, Entom. & Insect Pathol. Section, AFRC Inst. Hortic. Res., Worthing Rd, Littlehampton West Sussex BN17 6LP (UK).

The meeting Aphidophaga 4 will be organized at Gödöllő (Hungary), September 3-7, 1990, around the theme « Ecology of Predation in Aphidophagous Arthropods ». Those wishing to participate and present papers, please contact the organizer, G.L. Lövei, Lab. Funct. Ecol., Dept. Zool., Plant Protection Inst., P.O. Box 102, 1525 Budapest (Hungary).

#### 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).

Profile 9, 18 pages, was issued in April 1989 and may still be obtained from the editor, A.K. Minks, Res. Inst. Plant Prot., P.O. Box 9060, 6700 GW Wageningen (NL).

Bulletin SROP/WPRS Bulletin 1989/XII/1 (Working Group « Integrated Control in Cereal Crops »), 132 pp. is available from the convenor C.A. Dedryver, INRA Lab. Zool., Domaine de la Motte-au-Vicomte, 35650 Le Rheu (France).

Members of the WPRS Council, of its Auditing Committee, the convenors of WPRS Working Groups, Study Groups and Commissions, as well as the representatives of the WPRS institutional mem-

bers are invited to attend its General Assembly in Florence, September 23-October 1, 1989. R. Zocchi, head of the Ist. Sper. Zool. Agraria, Via di Lanciola, 50125 Firenze (Italy), acts as local organizer.

##### EAST PALAEARCTIC REGIONAL SECTION (EPRS)

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

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

EPRS Bulletin 23 (1988), 108 pp. (deals mainly with the biological control of insects, mites, and diseases of glasshouse crops in USSR),

EPRS Bulletin 24 (1988), 94 pp. (concentrates on the study and selection of crops resistant to insect pests, wheat and maize in particular), are both available from the above address.

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

President : Y. Hirose, Inst. Biol. Contr., Fac. of Agric., Kyushu Univ., Fukuoka 812 (Japan)

Secretary-General : M. Takagi, same address.

##### NEARTIC REGIONAL SECTION

President : F.E. Gilstrap, Dept. Entomol., Texas A&M Univ., College Station Texas 77843-2475 (USA)

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

Corresponding Secretary : L.D. Charlet, USDA ARS, North. Crop Sci. Lab., Box 5677, State Univ. Station, Fargo North Dakota 58105 (USA)

##### CENTRAL AND SOUTH AMERICAS

Organizer : M. Zapater, Cat. Genética, Fac. Agron., Univ. de Buenos Aires, Av., San Martin 4453, 1417 Buenos Aires (Argentina).

Draft Statutes of this new Regional Section have been circulated for comments and amendments to the prospective members, and are still available from the organizer. A round table discussion on biological control of pests in the Neotropics will be organized at San Miguel de Tucuman (Argentina), September 4-8, 1989, at which the creation of this IOBC Section will be proposed.

##### AFRICA — AFRIQUE

Organizer : J. Boussienguet, Progr. National Lutte Biol., Univ. du Gabon, B.P. 1886, Libreville (Gabon).

Draft versions of the Statutes (both French and English) of a new Section covering the whole of Africa have been circulated to regular members of the global body residing on this continent. Additional copies are still available from the organizer, who would like to receive any comments as soon as possible. Also, those colleagues that are ready to accept a position on the future Executive Committee, please inform the organizer in due course before the end of August 1989.

## ANNOUNCEMENTS

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

Issues 34 (1) and 34 (2) of the Journal, with over 140 pages each, have been sent to the subscribers earlier this year, whereas issue 34 (3) will be sent towards the end of this summer.

### NEW BOOKS — LIVRES NOUVEAUX

Cavalloro, R. (ed.). European Research on Varroa-tosis Control. Proc. Meeting E.C. Expert Group. 1988. 259 pp. Order from A.A. Balkema, P.O. Box 1675, 3000 BR Rotterdam (NL). No price stated.

Streblor, G. (ed.). Les Médiateurs chimiques. Leur Incidence sur la Biologie des Animaux. Lavoisier, 11 rue Lavoisier, 75384 Paris Cedex 08 (France). Prix FF 270.

Laux W. International Bibliography of Plant Protection 1965-1987. Volume 1. Order from Bowker Saur Ltd., Borough Green, Sevenoaks, Kent TN15 8PH (UK). Price £ 3950 for the whole series.

Vala, J.-C. Diptères Sciomyzidae Euro-Méditerranéens. 1989. Faune de France 72, 300 pp. Commandes à Éditions Faune de France, FFSN, 57 rue Cuvier, Paris 75005 (France). Prix FF 398.

Krieg, A. & Franz, J.M. Lehrbuch der Biologischen Schädlingsbekämpfung. 1989. 302 S. P. Parey Verl., Postfach 610379, 1000 Berlin 61 (FRG). Preis DM 64.

Delvare, G. & Aberlenc, H.P. Les Insectes d'Afrique et d'Amérique Tropicale. Clé pour la Reconnaissance des Familles. 1989. 298 pp. PRIFAS. Commandes à CIRAD, B.P. 5035, 34032 Montpellier Cedex 01 (France). Prix FF 230 (France), FF 275 (Étranger).

Berger, H.K. Vorrats- und Materialschädlinge. Bundesmin. Land- und Forstwirtschaft, Wien (Austria). 1988. 96 pp. Verlag Jugend und Volk, Vienna (Austria). Price A Sh 149.

### PERIODICALS — REVUES

MAPPS Newsletter, 12 (3), issued in January 1989 may be obtained from MAPPS, P.O. Box 12531, 50774 Kuala Lumpur (Malaysia).

FAO Plant Protection Bulletin 36 (4), released 1988, is available from Distribution & Sales, FAO, Via delle Terme di Caracalla, 00100 Rome (Italy).

ILEIA Newsletter 5 (1), April 1989, 28 pp. and 5 (2), July 1989, 32 pp. are available from ILEIA, P.O. Box 64, 3830 AB Leusden (NL).

Tropical Pest Management 35 (2), released in April 1989, may be ordered from Taylor & Francis, Rankine Road, Basingstoke, Hampshire RG24 0PR (UK).

ECOFORUM, 13 (4), 16 pp. released 1989 (English, French or Spanish) may be obtained from CILE, B.P. 72461, Nairobi (Kenya).

Boletín MIP (Manejo Integrado de Plagas), 17, 6 pp., released March 1989, and 18, 5 pp. released June 1989 may be obtained from CIRPON, Castilla de Correo Central 90, 4000 San Miguel de Tucuman (Argentina).

### FORTHCOMING MEETINGS — CONFERENCES

September 11-14, 1989. Herbicide Resistance in Weeds and Crops. 11th Long Ashton Int. Symp., Bristol. Contact Symposium Secretary, Long Ashton Res. Station, Univ. of Bristol BS18 9AF (UK).

September 18-23, 1989. International Congress of Coleopterology, Barcelona. Information from Asoc. Biol. Anim., Fac. Biología, Univ. Barcelona, Avda Diagonal 645, 8028 Barcelona (Spain).

Octobre 24-26, 1989. Colloque Acariens des Cultures, Montpellier. Inscriptions auprès du Secrétariat, UFR Ecologie anim. & Zool. agric., ENSA, 2 place Viala, 34060 Montpellier Cedex 01 (France).

November 5-9, 1989. International Symposium on Application of Biotechnological Methods and Recent Accomplishments of Economic Value, Bangkok. Apply to A.N. Rao, Dept. Botany, National Univ. Singapore, Lower Kent Ridge Road, Singapore 0511.

November 28-29, 1989. International Symposium on Biological Control, Antalya. For information, write to N. Uludag, Narenc. Arast. Enstit., P.K. 35, 07100 Antalya (Turkey).

January 29 — March 9, 1990. Advanced Methods in Medical and Veterinary Vector Control, Univ. London. Enquiries to P. Combe, Director, Room 321, Sheffield Build., Imperial College Silwood Park, Ascot Berks SL5 7PY (UK).

July 31 — August 5, 1990. International Symposium on Integrated Plant Protection in Orchards, Gödöllő. Information from K. Balazs, Secretary, Zool. Dept., Plant Prot. Inst., Hungarian Acad. Sci., P.O. Box 102, 1525 Budapest (Hungary).

October 29-31, 1990. Meeting of the IOBC/WPRS Working Group on Integrated Control of Soil Pests, Vienna. More details from H. K. Berger (address on p. 1).

Décembre 4-6, 1990. Conférence Internationale sur les Ravageurs en Agriculture, Versailles. Tout renseignement au Secrétariat ANPP, 6, bd de la Bastille, 75012 Paris (France).

### COMPUTER SOFTWARE FOR BEHAVIOURAL RESEARCH

THE OBSERVER is a software package for behavioural research, which can be used for computer-aided event recording and data analysis. The program operates on a full-size personal computer. THE OBSERVER writes the event-recording program and transfers it to the portable computer

which can be taken to the field. Up to 87 keys and 20 contingent variables related to experimental conditions can be defined and stored. THE OBSERVER retrieves data from the portable unit, calculates statistics, produces reports and tables; it requires an IBM PC, PS/2 or compatible computer, as well as a TRS-80 Model 100, Tandy 102, or Epson PX 8 portable unit. For more information, contact L.P.J.J. Noldus, Agric. Univ. P.O. Box 8031, 6700 EH Wageningen (NL).

*VACANT POSITION — POSTE A POURVOIR*

An EXPERIMENTAL SCIENTIST is required at

Montpellier, April 1, 1989

the Commonwealth Scientific and Industrial Research Organization of Australia, Biological Control Unit at Montpellier (France) to undertake screening of cereal cultivars for resistance to the wheat aphid *Diuraphis noxia*. Duties include rearing aphid biotypes, screening and backcrossing plant material, liaising with other research groups. Qualifications: recognized degree in plant breeding, knowledge of insect biology and demography, good standard of English and French, driver's licence. Application to the OIC, CSIRO BCU, 335 avenue Parguel, 34100 Montpellier (in English), with the names of two referees, before August 31, 1989.

Editor of this issue : J.P. Aeschlimann