

IOBC Newsletter 37

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

APRIL 1986

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

Two Regional Sections of the global IOBC/OILB are about to complete a fundamental revision of their own statutes, i.e. WPRS/SROP on the one hand (December 1985), NRS on the other (February 1986). At the beginning of 1986, a newly created Working Group on Fruit Flies of Economic Importance will have started its operations under the auspices of the global body. These important and promising steps should allow for an increase of the international audience of this Organization. At the same time, we are fully aware that rearrangements are still needed in some other research areas and/or parts of the world. It is our hope that they can be initiated in not too distant a future. The global IOBC Council will in particular have to examine the present situation during his 1986 meeting, which is scheduled for September at Delémont (Switzerland). This will provide an excellent opportunity for reviewing our present activities and for redefining the main objectives of this Organization.

To adequately prepare the Council meeting, your suggestions are welcome and should be submitted in writing to one or the other Executive Committee member of the global IOBC :

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

Vice-Presidents : J.R. Coulson, Benef. Ins.
Introd. Lab., ARS USDA, BARC-East Build-
ing 417, Beltsville Maryland 20705 (USA).
V.A. Lebedev, Ministry of Agric., Main
Plant Prot. Dept., Orlikov pereulok 1/11,
Moscow 107139 (USSR).

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

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

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

AUX COLLEGUES RESIDANT EN FRANCE

En vue d'éviter les complications qui surgissent lors de règlements en devises opérés à l'étranger, un compte bancaire au nom de l'OILB a été ouvert par le Secrétariat-Général à Montpellier. Les intéressés sont invités à faire parvenir leur adhésion à l'adresse indiquée ci-dessus, accompagnée du titre de paiement correspondant, soit 300 FF par membre individuel avec abonnement à ENTOMOPHAGA pour 1986 ou 100 FF pour une souscription aux seules NEWSLETTERS.

NEWS FROM WORKING GROUPS

WG OSTRINIA NUBILALIS

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

The Proceedings of the 13th Workshop of IWGO/
IOBC held in September 1984 at Colmar (France)
are just out of print (Compte Rendu de la 13^e
Réunion, 1986, 115 pp., ISBN 2-85340-744-6).
They can be obtained from the chairman and
contain 18 original papers and information
dealing with the distribution, the damage caused
by, and the biological control of *O. nubilalis*.

Newsletter 6 (2), 16 pp. of this WG was released
in December 1985. It concentrates on the
preparation of the 14th International Symposi-
um of IWGO, due to be organized in September
1986 at Peking (China), and is available from
the editor, K. Berger, Feder. Inst. for Plant
Prot., Trunnerstr. 5, 1020 Vienna (Austria).

WG BRUCHIDS

Chairman : V. Labeyrie, IBEAS, Parc Beaumont,
64000 Pau (France)

WG HELIOTHIS

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

The chairman of this WG is about to issue a newsletter. Also, definitive plans have been made for publication of the Proceedings of the Workshop held in November 1985 at New Delhi (India), which is expected by December 1986.

WG QUALITY CONTROL OF MASS-REARED ARTHROPODS

Chairman : C.O. Galkins, USDA ARS, Insect Attract. Lab., P.O. Box 14565, Gainesville FL 32604 (USA)

The 3rd International Meeting of this WG will be organized from August 20 to 28, 1986 (the agenda is established) at Guatemala City (Guatemala). The workshop will be devoted to the development of a science of quality control and of the systems of quality control that can fit large rearing facilities. It will be organized into sections dealing with the main groups of mass-reared insects, i.e. tephritids, Lepidoptera, biting flies, beetles, and entomophages. Scientists and quality control specialists are encouraged to attend and to actively participate. For further information, please contact the chairman of this WG.

WG TRICHOGRAMMA

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

J.C. van Lenteren, Agric. Univ., Dept. Entomol., Binnenhaven 7, P.O. Box 8031, 6700 Wageningen (NL)

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

A progress report has recently been issued by the convenors of this WG, which summarizes the latest activities. It can be obtained from S. Hassan (address as above), who is also responsible for collecting information from research scientists to prepare the following issue of the Trichogramma newsletter.

To date, some 75 colleagues from over 30 countries have sent registration forms and abstracts of papers to be presented at the 2nd Trichogramma Symposium of November 19-21, 1986 at Guangzhou (China).

WG FRUIT FLIES OF ECONOMIC IMPORTANCE

Chairman : B.S. Fletcher, CSIRO Div. of Entomology, 55 Hastings Road, Warrawee, NSW 2074 (Australia)

Acting coordinator : E. Boller, Federal Res. Station, 8820 Wädenswil (Switzerland)

An information sheet was sent by E. Boller to all Fruit Fly research workers listed with the global WG. Apart from this news note, it is planned to issue a proper Tephritid newsletter, edited by I. M. White, CIE c/o Brit. Mus. (Nat. Hist.), Cromwell Road, London SW7 5 BD (UK).

An International Symposium will be held in Rome (Italy) on April 7-10, 1987. It will be organized jointly by CEC (Commission of

European Communities) and IOBC, along the same line as for the Athens and Hamburg meetings. It is intended to examine possible avenues of coordinated future actions, the major topics considered being, ecology, behaviour, genetics, integrated pest management, and taxonomy. Official languages are English and French. The Proceedings of the Symposium will be distributed free of charge to participants, the papers accepted by the scientific committee being published in full. For more information, ask G. Delrio, Inst. of Entomol., Agric. Fac., University of 07100 Sassari (Italy), or R. Cavalloro, CEC Integrated Plant Prot. Prog., Joint Res. Centre, 21020 Ispra (Italy).

NEWS FROM REGIONAL SECTIONS

WEST PALAEARTIC REGIONAL SECTION (WPRS/SROP)

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

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

The new, revised version of the statutes of WPRS, as passed at the 5th General Assembly of October 1985, has now been submitted for approval to the Council of the global body. It must be emphasized that the proposed changes do not affect the various membership categories.

Bulletin SROP/WPRS Bulletin 1985/VIII/4 (Determination list of entomophagous insects, 10, 61 pp.) is available from the editor, E. Haeselbarth, Inst. für angew. Zool., Amalienstr. 52 GG, Universität zu 8000 München (FRG).

Sting 8, 32 pp., a newsletter on biological control in greenhouses has appeared in December 1985. A workshop on the biological control of leafminers is anticipated by this WPRS WG for 1987. For more information and additional copies of Sting, ask J.C. van Lenteren (address under WG Trichogramma).

EAST PALAEARTIC REGIONAL SECTION (EPRS)

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

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

The following EPRS Information Bulletins have been published in 1985 :

10, 74 pp. (with 7 contributions on IPM, the natural enemies of *Lymantria dispar*, etc.).

11, 76 pp. (with reports on EPRS activities 1984-86, and on the field use of *Trichogramma*).

12, 84 pp. (includes 12 French and Russian papers on the use of microorganisms in pest control).

SOUTH AND EAST ASIAN REGIONAL SECTION (SEARS)

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

Secretary-Treasurer : Wiwat Suasa-ard (same address).

NEARCTIC REGIONAL SECTION (NRS)

Up-dated NRS statutes were approved at the General Assembly held in December 1985. The Governing Board was confirmed as follows :

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

Vice-President : R.V. Flanders, Dept. of Entomol., Purdue Univ., West Lafayette, IN 47907 (USA).

Secretary-General : F.E. Gilstrap, Dept. of Entomol., Texas A&M Univ., College Station, TX 77843 (USA).

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

Please note that there are now 4 categories of membership and that application and payment from North American members ought to be directed to F.E. Gilstrap.

NRS newsletter 20, 12 pp. was released in December 1985 by the editor, J.C. Miller.

LATIN AMERICAN REGIONAL SECTION (LARS)

Secretary-General : R. Gonzalez, Fac. Ciencias Agrarias, Univ. de Chile, Casilla 1004, Santiago (Chile).

ANNOUNCEMENTS

ENTOMOPHAGA 31, 1986 (by courtesy of the chief editor, C. Bénassy, Station de Zool. INRA, route de Biot, 06560 Valbonne (France)).

Volume 31 (1) :

Norambuena, H., Carillo, R. & Neira, M. — Introducción, establecimiento y potencial de *Apion ulicis* como antagonista de *Ulex europaeus* en el sur de Chile.

Sands, D.P.A. & Kassulke, R.C. — Assessment of *Paulinia acuminata* (Orthoptera : Acrididae) for the biological control of *Salvinia molesta* in Australia.

Forno, I.W. & Bourne, A.S. — Temperature-related effects of three insects on growth of *Salvinia molesta* in Brazil.

Geri, C., Goussard, F. & Reveillon, M. — Réflexion sur l'utilisation des auxiliaires entomophages contre *Diprion pini* (Hym. : Diprionidae).

Miller, J.C. — Survival of within-tree *Ips calligraphus* (Col. : Scolytidae) : effect of insect associates.

Barlow, C.A. & Whittingham, J.A. — Feeding economy of larvae of the hover fly *Metasyrphus corollae* (Dip. : Syrphidae) : partial consumption of prey.

Steck, G.J., Gilstrap, F.E., Wharton, R.A. & Hart, W.G. — Braconid parasitoids of *Tephritidae* (Diptera) infesting coffee and other fruits in West-Central Africa.

Lecomte, C. & Thibout, J. — Analyse dans deux types d'olfactomètres, du comportement de quête des femelles de *Diadromus pulchellus* en présence d'odeurs du phytophage-hôte et du végétal attaqué ou non.

Le Rü, B. — Etude de l'évolution d'une mycose à *Neozygites fumosa* (Zygomycetes : Entomophthorales) dans une population de la cochenille du manioc *Phenacoccus manihoti* (Hom. : Pseudococcinae).

Lamb, D.J. & Foster, G.N. — Some observations on *Strongwellsea castrans* (Zygomycetes : Entomophthorales), a parasite of root flies (*Delia* spp.) in the south of Scotland.

Abou-Awad, B.A. & El-Banhawy, F.M. — Biological studies of *Amblyseius olivi*, a new predator of eriophyid mites infesting olive trees in Egypt (Acari : Phytoseiidae).

NEW BOOKS — LIVRES NOUVEAUX

Annual Review of Entomology, volume 31 (1986), Mittler, T.E., Radovsky, F.J. & Resh, V.H. (ed.), 565 pp. (With articles on the pests of cowpeas, odor perception in phytophages, in vitro culture of parasitoids, and the economic injury levels in particular). Place order with Ann. Rev. Inc., 4139 El Camino Way, Palo Alto, CA 94306 (USA). Price US \$ 31 in the States, 34 elsewhere ; US \$ 10 discount for students.

Van den Bosch, R. & Aeschlimann, J.P. L'engrenage des pesticides (1986), 255 pages. Editions Payot, Lausanne ; Distribution SOFEDIS en France ; Arc-en-ciel pour la Belgique. Prix 34 FS/120 FF.

Robaux, P. Varroa et varroatose (1986), 238 pages. Editions OPIDA, Echauffour, 61370 Ste-Gauburge. Prix 130 FF.

PERIODICALS

FAO Bulletin sanitaire 33 (4), 131-170 (1985). (Deals mainly with international IPM in developing countries).

Chalcid Forum 6 (1985), 12 pp. Available from M.E. Schauff System, Entomol. Lab., USDA, U.S. National Museum, Washington DC 20560 (USA).

Ichnews no 7, 12 pp. was issued in July 1985 and may be obtained from M.J. Sharkey, Biosyst. Res. Inst. Central Exp. Farm. Ottawa K1A 0C6 (Canada).

PV-Info n° 17 publié en novembre 1985 peut être obtenu sur demande adressée à l'Institut du Sahel, Départ. Communic., B.P. 1530, Bamako (Mali).

FORTHCOMING MEETINGS

Mai 5-6, 1986. 38^e Symposium International de Phytopharmacie et de Phytologie, Gand (Belgique). Information auprès de la Fac. Sci. Agronomiques, Université de l'état, Coupure Links 653, 9000 Gand (Belgique).

May 10-15, 1986. 17th Annual General Meeting & Scientific Conference of the Australian Entomological Society, Tanunda (S.A.). Information from D.J. Cooper, Entomol. Dept., Waite Agric. Res. Inst., Glen Osmond, S.A. 5064 Australia).

August 18-22, 1986. Workshop on the Dual Role of Pathogens and Parasites in Insect Control, EPL, Behoust (France). Anyone wishing to participate and to address the topic please contact T. Poprawski, USDA

ARS, European Paras. Lab., 13 rue de la Masse, 78910 Orgerus-Behoust (France).

August 20-28, 1986. 3rd International Meeting, WG Quality Control of Mass-Reared Arthropods, Guatemala-City (Guatemala). Information from C.O. Calkins (see under this WG, p. 2).

Décembre 9-13, 1986. Parasitis 86, Exposition Internationale pour la Protection des Plantes, de l'agriculture, de la forêt, etc., Palais des Expositions, Genève (Suisse). Pour de plus amples informations, s'adresser à Omni-Expo, 5, cours des Bastions, 1205 (Genève (Suisse)).

April 7-10, 1987. International Symposium on Fruit Flies of Economic Importance, Rome (Italy). See under this WG, p. 2.

August 24-29, 1987. International Symposium on Maize Arthropods, Budapest (Hungary).

Montpellier, April 1, 1986.

Colleagues interested should contact F. Szentkiralyi, Depart. Zool., Plant Prot. Inst., P.O. Box 102, 1525 Budapest (Hungary).

*VACANT POSITION IN THE FIELD
BIOLOGICAL CONTROL OF WEEDS*

An entomologist/ecologist is required at the CSIRO Montpellier (France) laboratory to assist in studies on the interaction between plant populations (various species of thistles) and their associated arthropods. Proven initiative and experience of biological control or field ecology advantageous. Good standard of English and French. Send applications with the names of two professional referees as soon as possible to CSIRO Biological Control Unit, 335 av. Parguel, 34100 Montpellier (France).

Editor of this issue : Jean-Paul Aeschlimann