

# IOBC Newsletter 50

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

AUGUST 1990

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 : IOBC WORKING GROUPS

IOBC keeps developing rapidly and the number of individual members increases steadily on all continents. To provide all colleagues with adequate information, the various Working Groups of IOBC will be presented as from NEWSLETTER 50.

Both the global body and the Regional Sections have so-called Working Groups, which are meeting places for specialists interested in one particular pest problem. The Working Groups maintained by the global body deal with noxious organisms and aspects of biological pest control that are of importance worldwide; their activities are regularly described on pp. 1-2 of our NEWSLETTERS (cf. infra). Working Groups organized by the Regional Sections basically address applied pest problems, IPM, and biological control applications considered of economic importance in a limited number of countries situated in the same biogeographic area. Starting with those of EPRS in this issue, all Working Groups existing at the regional level will be briefly reviewed.

It should also be emphasized that global as well as regional Working Groups are open to all regular individual members of IOBC, and to designated representatives of institutional members. Also, news, documents, and affiliation can always be sought from the convenors of any Working Groups.

## EXECUTIVE COMMITTEE

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

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

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

## NEWS FROM WORKING GROUPS

### WG OSTRINIA NUBILALIS

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

The next international meeting of this WG will be organized in September 1991 only, near Budapest (Hungary), instead of Ames Iowa (USA).

### WG HELIOTHIS

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

The Proceedings of the Workshop on Biological Control of Heliothis : Increasing the Effectiveness of Natural Enemies, New Delhi, November 1985, 550 pp. was published in 1989 by FERRO, USDA, New Delhi, and is available from the chairman.

### WG QUALITY CONTROL OF MASS-REARED ARTHROPODS

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

Assistant chairman : N.C. Leppla, Plant Meth. Dev.  
Centre, Dept. Agric., APHIS Fed. Build. Room  
228, 6505 Belcrest Rd, Hyattsville Maryland 20782  
(USA).

The next workshop of this WG is to be organized in Wageningen (NL), March 25-28, 1991, i.e. just before the meeting on Insect Parasitoids in Perugia (cf. p. 4). The first announcement is available from the chairmen who also welcome any suggestions as regards the scientific program.

### WG TRICHOGRAMMA AND OTHER EGG PARASITIDS

Co-chairmen : S.A. Hassan, Inst. Biol. Schädlingbek.,  
Heinrichstr. 243, 6100 Darmstadt (FRG)

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

E. Wajnberg, INRA Station Zool., 37 bv. du Cap, B.P.  
2078, 06606 Antibes Cedex (France).

The 3rd international symposium of this WG will be held in San Antonio Texas under the theme « Emerging Concepts ». Last minute information may still be obtained from S.B. Vinson, USDA ARS, Dept. Entom., Texas A&M Univ., College Station Texas 77843 (USA).

### WG FRUIT FLIES

#### OF ECONOMIC IMPORTANCE

Chairman : P. Licdo Fernandez, CIES, Apdo Postal  
36, Tapachula Chiapas 30700 (Mexico)

Assistant chairmen : M. Aluja, Inst. de Ecología A.C.,  
Apdo Postal 63, Xalapa, Veracruz 91000 (Mexico)

G. Delrio, Ist. Entom. Agraria, Univ. degli Studi, Via de Nicola, 07100 Sassari (Italy).

Fruit Fly News 10, 27 + 10 pp. was issued in November 1989 by the information service and is available from the chairman.

The next international symposium of this WG will take place at the Ramada Hotel in Antigua Guatemala, October 14-21, 1990. For attendance, contact the chairman asap.

#### *WG BIOLOGICAL CONTROL OF BRUGHIDS*

Chairman : A. van Huis, Dept. of Entom., Agric. Univ., P.O. Box 8031, 6700 EH Wageningen (NL)

Assistant chairman : J.P. Monge, Inst. Bioc. Expér., Univ. F. Rabelais, Fac. Sci., Parc Grandmont, 37200 Tours (France).

Following the meeting held in Tours, March 14-15, 1990, a first newsletter of this WG was issued in April 1990, along with a questionnaire for scientists interested in the subject. Both are still available from the chairmen.

#### *WG ECOLOGY OF APHIDOPHAGA*

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

Co-chairmen : R. Chambers, Entom. Section, AFRC Inst. Hort. Res., Worthing Rd, Littlehampton W. Sussex BN17 6LP (UK)

D. Horn, Dept. Entom., Ohio State Univ., 1735 Neil Ave., Columbus Ohio 43210-1220 (USA).

The 4th meeting of this WG will be held in Gödöllő (Hungary), September 2-7, 1990. For information apply to L. Polgar, Dept. Zool., Plant Prot. Inst., P.O. Box 102, 1525 Budapest (Hungary).

#### *BIOLOGICAL CONTROL OF PLUTELLA*

Organizer : N.S. Talekar, AVRDC, P.O. Box 42, Shanhua Tainan 74199 (Taiwan).

The formal proposal to create this WG was submitted to the Council of the global body and it is expected to start its operations with the 2nd international workshop to be held in Shanhua (Taiwan), December 10-14, 1990. For more information, write to the organizer.

### **NEWS FROM REGIONAL SECTIONS**

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

Président : R. Cavalloro, Ist. Entom. Agraria, Univ. degli Studi, Via Gradonigo 6, 35131 Padova (Italy)

Secrétaire Général : S.H. Poitout, INRA Station Rech. Zool., Domaine St-Paul, B.P. 91, 84143 Montfavet Cedex (France).

Bulletin SROP/WPRS Bulletin 1989/XII/7 (Determination List of Entomophagous Insects), 63 pp., is available from the editor, E. Haeslbarth, c/o Zool. Staatssammlung, Münchhausenstr. 21, 8000 München 60 (FRG).

Bulletin SROP/WPRS Bulletin 1990/XIII/1 (Working Group « Integrated Protection in Fruit Orchards » Subgroup « Pear Orchards »), 81 pp., is available from A. Stäubli, Stat. Féd. Rech. Agron., Changins, 1260 Nyon (Switzerland).

Bulletin SROP/WPRS Bulletin 1990/XIII/2 (International Colloquium « Integrated Protection Pear Orchards »), 191 pp., may be obtained at the same address.

Bulletin SROP/WPRS Bulletin 1990/XIII/3 (Study Group « Prognosis and Integrated Control Against Migrant Noctuids »), 115 pp., is available from S.H. Poitout (address above).

Bulletin SROP/WPRS Bulletin 1990/XIII/4 (Working Group « Integrated Control in Oilseed Rape »), 102 pp. Copies from B. Bromand, Nat. Res. Centre Plant Prot., Inst. Pesticides, Lottenborgvej 2, 2800 Lyngby (Denmark).

Bulletin SROP/WPRS Bulletin 1990/XIII/5 (Working Group « Integrated Control in Glasshouses »), 227 pp., is available from J. van Lenteren, Dept., Entom., Agric. Univ., P.O. Box 8031, 6700 EH Wageningen (NL).

Profile 11, 17 pp., issued in June 1990, is available from the editor, A.K. Minks, Res. Inst. Plant Prot., P.O. Box 9060, 6700 GW Wageningen (NL).

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

During the 5th General Assembly held in Uzhgorod (Ukraine), the following officers were elected for a 3 years term :

President : A. Smetnik, All-Union Res. Inst. Plant Quarant., Orlikov per. 1/11, 107139 Moscow (USSR)

Vice-President : T. Baiu, Res. Inst. Plant Prot., 8 bul. Ion Ionescu de la Brad, 71592 Bucuresti 1 (Romania)

Secretary-General : S. Izhevsky, same address as the President.

Information Bulletin 25 (1988), 91 pp. (deals with the use and the bibliography of pheromones)

Information Bulletin 26 (1989), 84 pp. (deals with the entomophages of Tortrix viridana, and the resistance to pesticides of predatory mites, etc.)

Information Bulletin 28 (1989), 92 pp. (gives a list of the parasitoids of leaf rollers on apple, and deals with Edovum puttleri and NPV of Mamestra brassicae). Each EPRS Bulletin may be obtained from the Secretary-General.

The EPRS has the following six Standing Commissions, that operate as Working Groups elsewhere :

Publication Commission (responsible in particular for editing the EPRS Bulletins); chairman : G. Beglyarov, same address as the President

Commission on Entomophagous Insects and Phytophages of Weeds; chairman : V. Kristev, Plant Prot. Inst., P.O. Box 238, 2230 Kostinbrod Sofia (Bulgaria)

Commission for the Implementation of Microbiological Control Methods of Plant Protection; chairman: N. Kandibin, All-Union Res. Inst. Agric. Microbiol., Podbelskogo 3, 188620 Leningrad-Pushkin (USSR)

Commission for the Use and Development of IPM; chairman: T. Baicu, address as above

Commission for the Development of Selective Methods of Plant Protection (Use of pheromones, insect hormones, etc.); chairman: M. Toth, Plant Prot. Inst. Hungarian Acad. Sci., P.O. Box 102, 1525 Budapest (Hungary)

Commission on the Biological Control of Insect Pests in Forests; chairman: G. Tsankov, Forestry Inst., Bulgarian Acad. Sci., 15 kv. Simeonovo, Sofia C-gishe (Bulgaria).

#### *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.

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

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

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

NRS Newsletter 33 (Winter 1990), 12 pp., and NRS Newsletter 34 (Summer 1990), 8 pp. are both available from L.D. Charlet.

#### *NEOTROPICAL REGIONAL SECTION (NTRS/SRNT)*

President: M. Zapater, Cat. Genet., Fac. Agron., Univ. 1417 Buenos Aires (Argentina)

Corresponding-Secretary: P.S. Baker, CABI, Inst. Biol. Contr., Gordon Str., Curepe (Trinidad W.I.).

Boletín SRNT 1, 12 pp. was released May 11, 1990 and may be obtained from P.S. Baker.

#### *AFROTROPICAL REGIONAL SECTION (ATRS/SRAT)*

Organizer: J. Boussienguet, Prog. Nat. Lutte Biol., B.P. 1886, Univ. O. Bongo, Libreville (Gabon).

The election of the first Executive Committee of this Section is underway. A list of candidates has been sent already to all members of IOBC residing in Africa. Would those who did not receive it please contact the organizer by return mail?

#### **ANNOUNCEMENTS**

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

The second issue of volume 35, 140 pp. has been sent; the third is about to be distributed.

#### *NEW BOOKS — LIVRES NOUVEAUX*

Campbell, R.K. & Eikenbary, R.D. (eds.), Aphid-Plant Genotype Interactions. 1990, 378 pp. Price US \$ 97.50 or Dfl. 190. Order from Elsevier Sci. Publ., P.O. Box 211, 1000 AE Amsterdam (NL) or P.O. Box 882, Madison Square Station, New York 10159 (USA).

Strebler, G. (éd.), Les Médiateurs Chimiques. 1989, 246 pp. Prix F 455 (France) F 495 (Europe) F 540 (elsewhere). Order from Lavoisier Tec&Doc, 11 rue Lavoisier, 75384 Paris Cedex 08 (France).

Gerson, U. & Smiley, R.L. Acarine Biocontrol Agents. 1990, 174 pp. Price £ 35. Order from Chapman & Hall, 11 New Fetter Lane, London EC4P 4EE (UK).

Croft, B.A. Arthropod Biological Control Agents and Pesticides. 1990, 723 pp. Price £ 70.50. Order from J. Wiley Distribution, 1 Oldlands Way, Bognor Regis, W. Sussex PO22 9SA (UK).

Yaninek, J.S. & Herren, H.R. (eds.), Biological Control: A Sustainable Solution to Crop Pest Problems in Africa. 1989, 210 pp. Order from IITA Bénin Station, B.P. 06-2523, Cotonou (Bénin).

Cavalloro, R. & Delucchi, V. (eds.), Parasitis 88, Proceedings of a Scientific Congress. Bol. Sanidad Veget. 17 (F.S.). 1989, 549 pp. Order from Centro Public., Paseo Infanta Isabel 1, 28014 Madrid (Spain).

Gilbert, P. & Hamilton, C.J. Entomology. A Guide to Information Sources. 1990, 259 pp. Price £ 30. Order from Mansell Publ., Villiers House 41/47, Strand London WC2N 5JE (UK).

#### *PERIODICALS — REVUES*

Chromolaena odorata Newsletter 3, 8 pp., released in March 1990, is available from R. Muniappan, Agric. Exper. Station, Univ. Mangilao Guam 96923 (USA).

The Tachinid Times, 3, 18 pp., issued in February 1990, may be obtained from J. O'Hara, Agric. Canada, Biosyst. Res. Centre, CEF, Ottawa Ontario K1A 0C6 (Canada).

Eradication of the New World Screwworm from North Africa. FAO Reports, published in March and May 1990. Enquire from FAO Documentation, Via delle Terme di Caracalla, 00100 Rome (Italy).

Boletín MIP 20 (1989), 21 and 22 (1990) are all available from CIRPON, Cas. Correo (Central) 90, 4000 S. Miguel de Tucuman (Argentina).

#### *FORTHCOMING MEETINGS — CONFERENCES*

Septembre 29-Octobre 1, 1990. Agrofora, Forum International des Hautes Technologies Agricoles, Ath (Belgique). S'adresser à C. Delcroix, Av. Roosevelt 50, ULB, CP 130, 1050 Bruxelles (Belgique).

November 11-15, 1990. New Targets for Insect Management in Crop Protection, Kibbutz Ma'ale Hachamisha (Israel). Details from M. Altstein, Entom. Dept., Volcani Centre, Bet Dagan, P.O. Box 6, 50250 (Israel).

November 20-22, 1990. International Environment Congress Ambio 90, Barcelone (Spain). Enquire from J.C. Pallarès, PARIS 140 B 2, 1° 08036 Barcelone (Spain).

Novembre 28-30, 1990. Congrès Société Française de Phytopathologie, Montpellier (France). Ecrire à J.P. Geiger, ORSTOM 2051, av. Val Montferrand, 34032 Montpellier (France).

February 4-8, 1991. Second International Workshop on the Biological Control of Chromolaena odorata, Bogor (Indonesia). Apply to R. Muniappan (address p. 3).

April 3-5, 1991. Sixth European Workshop Insect Parasitoids, Perugia (Italy). Apply to F. Bin, Ist. entom. agraria, Fac. di Agraria, Univ. Borgo XX Giugno, 06100 Perugia (Italy).

May 20-24, 1991. First European Symposium on Terrestrial Ecosystems: Forests and Woodlands, Florence (Italy). Apply to P. Mathy, CEC, D.-G. Sci., 200 rue de la Loi, 1049 Brussels (Belgium).

July 28-31, 1991. B.t. '91. (all aspects of current work on *B. thuringiensis*). Contact P.F. Entwistle, Inst. Envir. Microbiol., N.E.R.C., Mansfield Rd, Oxford OX1 3SR (UK).

September 1-6, 1991. IUBS Symposium on Biological Diversity and Global Change, Amsterdam (NL). Write to IUBS, 51 bd de Montmorency, 75016 Paris (France).

Montpellier, August 1, 1990

September 1-6, 1991. Insects and their Environment, Gödöllő (Hungary). Apply to the ECE/SIEEC, Hungarian Natural History Museum, Baross u. 13, 1088 Budapest (Hungary).

*VACANT POSITION — POSTE A POURVOIR*

One ENTOMOLOGIST/ECOLOGIST is required at the CSIRO Biological Control Unit, Montpellier (France) to study the weed *Marrubium vulgare* in Mediterranean and Eastern Europe. Duties include work on the population dynamics of the plant, assessment and rearing of selected natural enemies for introduction into Australia. Degree in biological sciences, good standard of English and French, driver's licence are essential. Apply before August 25, 1990 in English, to the OIC, CSIRO, 335 av. Parguel, 34090 Montpellier (France).

Editor of this issue : J.P. Aeschlimann