

IOBC Newsletter 52

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

APRIL 1991

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

There is a slow but steady increase in the flow of information sent to the General Secretariat for inclusion in the IOBC NEWSLETTERS. The number of pages per issue being limited, the various news are presented in a very concise form to avoid selecting between important items. Further details are, however, always available upon request.

C. Bénassy has officially resigned as Chief Editor of ENTOMOPHAGA with effect from December 31, 1990. We seize the opportunity to thank C. Bénassy who was in charge of the scientific aspects of the Journal for the 6 years period 1985-90, during which the number of articles published grew considerably (from less than 400 pages to some 670 pages last year), as well as the readership (from approximately 400 to some 900 copies sold).

NEW CHIEF EDITOR

J.-M. Rabasse, a biological control worker with INRA-Antibes has been appointed as new Chief Editor as from January 1, 1991 (address on p. 3).

EXECUTIVE COMMITTEE

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

Secretary-General : J.P. Aeschlimann, CSIRO BCU,
335 av. Parguel, 34090 Montpellier (France); fax
(33) 67.41.20.42

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 will be organized in Martonvasar (Hungary) in September 1991. Five days will be devoted to discuss cooperation in this field. Interested scientists please write to the chairman.

WG HELIOTHIS

E. King has recently asked for replacement as chairman of this WG. Would all the colleagues involved in

the WG, and researchers interested in *Heliothis* spp. problems please try to review the role of the WG? In particular, thoughts on its usefulness, on possible aims for the future, and on people willing to provide new impulse should be directed to the Secretary-General.

WG QUALITY CONTROL OF MASS-REARED ARTHROPODS

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

Assistant chairman : N.C. Leppla, Plant Meth. Dev.,
Dept. Agric., APHIS Fed. Bd., Room 208, 6505
Belcrest Rd, Hyattsville MD 10782 (USA).

The 5th International Workshop of this WG took place at Wageningen (NL), March 25-28, with some 50 scientists in attendance. It concentrated on the quality of entomophagous species and the contributions are to be published in a separate volume.

WG TRICHOGRAMMA AND OTHER EGG PARASITIDS

Co-chairmen : S.A. Hassan, Inst. Biol. Pest Control,
Heinrichstr. 243, 6100 Darmstadt (Germany)

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 Proceeding of the 3rd International Symposium held at San Antonio, Texas, in September 1990 are about to be released. Order from INRA Service des Publications, Route de Saint-Cyr, 78026 Versailles Cedex (France).

WG FRUIT FLIES OF ECONOMIC IMPORTANCE

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

Assistant chairmen : M. Aluja, Inst. Ecol., A.C.
Apdo Post. 63, Xalapa, Veracruz 91000 (Mexico)

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

Over 120 scientists from 28 countries participated in the Antigua Guatemala, October 1990 Symposium. The WG decided to go ahead with the preparation of Fruit Fly News n° 11. It was decided to organize a one day ad hoc Symposium in conjunction with the 1992 International Congress of Entomology, and an International Symposium in 1994 at Gainesville (FL). Publication of the Proceedings of the last Symposium is being prepared by the chairmen. Finally, the establishment of a new WG on the topic covering the Neotropical Region was proposed (cf. p. 3).

WG BIOLOGICAL CONTROL OF BRUCHIDS

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

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

Newsletter n° 2, 15 pp. was issued in January 1991, along with a questionnaire requesting information from research workers. They are still available from the chairmen.

WG ECOLOGY OF APHIDOPHAGA

Chairman : I. Hodek, Inst. Entom., Acad. Sci., Branisovska 31, 370 05 České Budejovice (CSFR)

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

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

WG BIOLOGICAL CONTROL OF PLUTELLA

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

NEWS FROM REGIONAL SECTIONS

WEST PALAEARCTIC REGIONAL SECTION (WPRS/SROP)

Président : R. Cavalloro, Ist. Ent. Agr., Univ. degli Studi, Via Gradenigo 6, 35131 Padova (Italy)

Secrétaire Général : S. Poitout, INRA Stat. Zool., Dom. St-Paul, B.P. 91, 84143 Montfavet Cedex (France).

Bulletin SROP/WPRS Bulletin 1990/XIII/8 (Working Group « Integrated Plant Protection in Orchards »), 76 pp. is available from E. Dickler, BBLF, Inst. Pflanzensch., Schwabenheimerstr. 101, 6915 Dossenheim (Germany).

Bulletin SROP/WPRS Bulletin 1990/XIII/9 (Proceedings of the 6th General Assembly), 171 pp. is available from S. Poitout.

Bulletin SROP/WPRS Bulletin 1991/XIV/1 (Working Group « Insect Pathogens and Insect Parasitic Nematodes »), 88 pp. is available from H.F. Evans, Forestry Comm., Alice Holt Lodge, Farnham Surrey GU10 4LH (UK).

Profile 12, 22 pp. was issued in January 1991 and may be obtained from A. Minks, Res. Inst. Plant Prot., P. O. Box 9060, 6700 GW Wageningen (NL).

Apart from Working Groups (as listed in NEWS-LETTER 51, p. 2), the WPRS also maintains a number of Commissions and Study Groups, which are as follows :

Commission « Publications »; chairman A. Minks (address as above).

Commission « Identification of Entomophages »; chairman S. Vidal, Zool. Inst., Martin Luther Pl. 3, 2000 Hamburg 13 (Germany).

Commission « Promotion and Extension of WPRS Activities »; chairman H. Audemard (address as for S. Poitout).

Study Group Prognosis and Integrated Control of Migrant Noctuids; convener R. Bues (address as for S. Poitout).

Study Group Integrated Control in Olives; convener G. Delrio (address p. 1).

Study Group Biological Control of Fungal and Bacterial Phytopathogens; convener N.J. Fokkema (address as for A. Minks).

EAST PALAEARCTIC REGIONAL SECTION (EPRS)

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

Secretary-General : S.S. Izhevsky, same address.

EPRS Bulletin 25, 90 pp. (deals with the use of, and literature on pheromones),

EPRS Bulletin 26, 82 pp. (Entomophages of *Tortrix viridana* and resistance in phytophagids),

EPRS Bulletin 27, 74 pp. (Microbiological control of pest insects),

EPRS Bulletin 28, 91 pp. (List of leaf-roller parasitoids, and use of *Edovum puttleri*), are all available from S. Izhevsky.

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)

The following officers have been elected for the 1991-92 period :

President : L. E. Ehler, Dept. Entom., Univ. of Calif., Davis CA 95616 (USA)

Vice-President : E.A. Cameron, Dept. Entom., 106 Patterson Bd, Penn. State Univ., University Park PA 16802 (USA)

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

Corresponding-Secretary : L.D. Charlet, USDA/ARS, Crop Sci. Lab., Box 5677, Fargo ND 58105 (USA)

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

NRS Newsletter 35, 12 pp. was issued in Fall 1990 and may be obtained from L. Charlet.

NEOTROPICAL REGIONAL SECTION (NTRS/SRNT)

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

Corresponding-Secretary : P.S. Baker, IIBC, Gordon Str., Curepe Trinidad (W. Indies).

SRNT Boletín 2, 10 pp. was released in December 1990 and is available from P. Baker.

NTRS members are invited to attend the biological control sessions organized during the Plant Protection Congress at Rio (Brazil), August 1991.

A NTRS Working Group on Fruit Flies is to be created, the proposed chairman being A. Malavasi, Dept. Biol., Inst. Biociencias, Univ., 05508 Sao Paulo SP (Brazil).

AFROTROPICAL REGIONAL SECTION (ATRS/SRAT)

The following Executive Committee has been elected to serve as from January 1, 1991 :

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

Vice-President : D. Conlong (S. Africa)

Secretary-General : N.T.C. Echendu, Nat. Root Crops Res. Inst., Biocontrol, Umudike, Umuhia (Nigeria)

Treasurer : A. Wodagench, IITA Bénin, B.P. 08-0932, Cotonou (Bénin).

The Section envisages to create Working Groups on a number of topics, like stem borers, banana pests or *Chromolaena odorata* and *Zonocerus*. Comments on these proposals should be directed to J. Boussienguet.

ANNOUNCEMENTS

ENTOMOPHAGA : Chief Editor : J.M. Rabasse, INRA-Entomophaga, B.P. 2078, 06606 Antibes Cedex (France).

Issue 34 (4), 180 pp. completing the 1990 volume was distributed in February, issue 35 (1) being about to be released.

NEW BOOKS — LIVRES NOUVEAUX

Rosen, D. (ed.) Armored Scale Insects : Their Biology, Natural Enemies and Control. Volume B, 1990, 616 pp. Order from Elsevier Sci. Publ., P.O. Box 211, 1000 AE Amsterdam (NL), or from Elsevier P.O. Box 882, Madison Square Station, New York, NY 10159 (USA). Price Dfl. 390 or US \$ 200.

Deloach, C., Cordo, H.A. & de Crouzel, I.S. Control biológico de malezas. 1989, 266 pp. Ed. El Ateneo, Florida 340, Buenos Aires (Argentina). Price US \$ 12.

Mittler, T.E., Radovsky, J.F. & Resh, V.H. (eds.). Annual Review of Entomology, 36, 1991, 703 pp. (with papers on insecticide resistance, sampling of

insect populations, diversity and arthropod response, biological control of cassava pests, etc.). Order from Annual Review Inc., 4139 El Camino Way, P.O. Box 10139, Palo Alto CA 94303-0897 (USA). Price US \$ 40 in North America, 45 elsewhere.

PERIODICALS — REVUES

Tachinid Times 4, 1991, 16 pp. is available from J. O'Hara, Agric. Canada, Biosyst. Res. Centre, CEF Ottawa Ontario K1A 0C6 (Canada).

Egyptian Journal Biological Pest Control was established in 1990 and may be ordered from A.H. Rasmy, Nation. Res. Centre, Tahrir St., Dokki Cairo (Egypt).

Boletín MIP 24, 1990, 6 pp. may be obtained from CIRPON, Cas. Corr. (Central) 90, 4000 San Miguel de Tucuman (Argentina).

Bulletin of African Insect Science is published and may be ordered from AAIS, P.O. Box 59862, Nairobi (Kenya).

FORTHCOMING MEETINGS — CONFERENCES

June 24-29, 1991. 4th Int. Symp. Neuropterology, Bagnères-de-Luchon (France). Ask M. Canard, Lab. Entom., 118 rte de Narbonne, Univ., 31062 Toulouse (France).

July 8-August 23, 1991. 11th Int. Course Applied Taxonomy Insects and Mites, London (UK). Apply to the Director, IIE, 56 Queen's Gate, London SW7 5JR (UK).

September 1-6, 1991. Int. Symp. Biological Diversity and Global Change, Amsterdam (NL). Write to H. van Emden, Biol. Raad KNAW, P.O. Box 19121, 1000 GC Amsterdam (NL).

September 2-14, 1991. Int. Training on Identification and Biology of Parasitic Insects, Serdang (Malaysia). Ask the Dept. Plant Prot., Fak. Pertanian, Univ. Pert. Malaysia, 43000 UPM Serdang, Selangor (Malaysia).

September 23-27, 1991. Major Symp. on Exotic Pests in Africa, Their Prevention and Control. Accra (Ghana). Apply to AAIS, P.O. Box 59862, Nairobi (Kenya).

October 3-6, 1991. Agrobiobiofruit, Cesena (Italy). Write to Agricesena, Via G. Finali 32, 47023 Cesena FO (Italy).

Novembre 18-20, 1991. 3^e Symp. Int. sur la Non-culture de la Vigne, Montpellier (France). Ecrire à VITI R&D, 21, rue de Montferrier, 34790 Grabels (France).

February, 2-7, 1992. 8th Int. Symp. on the Biological Control of Weeds, Lincoln (NZ). Write to Education Unit, P.O. Box 84, Lincoln Univ., Canterbury (NZ).

April 27-May 1, 1992. 5th Australian Applied Entom. Research Conference, « Pest Control and Sustainable Agriculture », Canberra (Australia). Details from W. Milne, CSIRO Div. of Entom., GPO Box 1700, Canberra ACT 2601 (Australia).

CHROMOLAENA ODORATA

A Network for Biological Control and Management of *C. odorata* has been established after the Bogor (Indonesia), February 1991 meeting. For details, ask the coordinator R. Muniappan, Univ. Guam, Coll. Agric. UOG Station, Mangilao Guam 96923 (USA).

AWARD

The Rank Prize for Nutrition (£ 25, 000) was awarded to H. Herren, B.P. 08-0932, Cotonou, leader of the

IITA-Bénin Station, for research and development on biological control methods for Africa. Congratulations !

COMPUTER FOR BEHAVIOURAL RESEARCH

The computer program « The Observer version 2.0 » has recently been developed, which offers many new functions as compared with its predecessor. For additional information or for orders, write to NOLDUS Inf. Techn. bv, Univ. B&T Centre, Vadaring 51, 6702 EA Wageningen (NL).

Montpellier, April 1, 1991

Editor of this issue : J.P. Aeschlimann