

IOBC Newsletter 48

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

DECEMBER 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

During its recent meeting at Florence (Italy), the Council of the global IOBC body has officially approved the establishment of two new Regional Sections. A few amendments only have been made to the proposed Statutes of both new Sections which are as follows:

— Neotropical Regional Section (NTRS, or Sección Regional Neotropical = SRNT), which will cover all countries and colonies of the Americas, except Canada, USA and Bermuda. Its organizer and first President is M. Zapater (cf. p. 3).

— Afrotropical Regional Section (ATRS, or Section Régionale Afrotropicale = SRAT), which will include all countries of the African continent situated south of the Sahara. Its organizer is J. Boussienguet (cf. address on p. 3).

Also, we are pleased to announce that a new contract has been signed with the publisher of ENTOMOPHAGA for another period of 4 years (1990-1993). According to the new conditions, each volume of our scientific Journal will consist of 4 issues with a total of approximately 600 pages each year. As for 1990, there will only be a slight increase in the subscription rates to ENTOMOPHAGA for regular members of IOBC. As a consequence, would all members please note the new fees and make use of the subscription form enclosed in the present Newsletter 48, arranging for the amounts due to be paid by **January 1990**.

EXECUTIVE COMMITTEE

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

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)

NEWS FROM WORKING GROUPS

WG OSTRINIA NUBILALIS

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

The Proceedings of the XVth Symposium of the International Working Group on Ostrinia, Varna (Bulgaria), 11-17 September 1988, 171 pp., with papers on the influence of Ostrinia on yields, on the control methods and the resistance in maize lines, is available from H.K. Berger, Bundesanst. Pflanzensch., Trun-nerstr. 5, 1020 Vienna (Austria).

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, Sub-
trop. Crop Ins. Res., P.O. Box 267, Weslaco Texas
78596 (USA).

The Proceedings of the Workshop held in Vancouver (Canada) last year (7 papers with some 100 pages) will be sent to all institutional members of IOBC and should be available at the end of this year. Also, a letter and questionnaire have been mailed by the chairman to all members of the WG

WG TRICHOGRAMMA AND OTHER EGG PARASITOIDS

Co-chairmen : S.A. Hassan, Inst. biol. Schädlingsbek.,
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 bou-
levard du Cap, B.P. 2078, 06606 Antibes Cedex
(France).

The 3rd International Symposium will be organized in San Antonio (Texas), September 23-27, 1990. The topic areas will cover (a) biosystematics and genetics, (b) host relations and biology, (c) physiology and behaviour, (d) ecology and population dynamics, (e) rearing and release, (f) compatibility, and (g) effectiveness and assessment. Direct all correspondence in this regard to B. Vinson, Dept. Entom., Texas A&M Univ., College Station Texas 77843-2475 (USA).

The next issue of the Trichogramma News will be distributed to all members of this WG by the end of this year. For additional copies, please ask S. Hassan (address above).

*WG FRUIT FLIES
OF ECONOMIC IMPORTANCE*

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

An International Symposium on Fruit Flies will be convened in Antigua (Guatemala), October 14-20, 1990. Its scientific program includes genetics, morphology, physiology, behaviour, ecology, host plant relations, biotechnology, models, control and quarantine. For further information, please contact the Steering Committee, c/o C.O. Calkins, P.O. Box 14565, Gainesville Florida 32604 (USA), or the chairman of this WG.

WG BRUCHIDS

Please direct any correspondence on this WG, i.e. wishes for the future, research interests and programs to the Secretary General.

WG ECOLOGY OF APHIDOPHAGA

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

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

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

The first circular of this WG presenting the next Symposium to be held at Gödöllő (Hungary), September 3-7, 1990 has been sent to all addresses of interested colleagues by the chairmen. It presents the activities of the WG and includes a questionnaire on the research work in course. For additional forms please ask one of the chairmen.

BIOLOGICAL CONTROL OF WEEDS

The idea of creating a new global WG on this topic will be proposed to all scientists concerned along with the first circular on the VIII Symposium, due to be held in Christchurch (New Zealand) in 1992. Please address any comments in this regard to the organizer, R. Hill, Entom. DSIR, Private Bag, Christchurch (NZ).

NEWS FROM REGIONAL SECTIONS

*WEST PALAEARCTIC REGIONAL SECTION
(WPRS/SROP)*

The following new Committee was elected during the General Assembly held in Florence, for the next 4 years term (1989-1993) :

Président : R. Cavalloro, GCE Ist. dell'Ambiente, Integr. Plant Prot. Centro Comune Ric., 21020 Ispra (Italy).

Vice-Présidents : A. Minks, Inst. Plant. Onderz. Binnenhaven 12, POB 9060, 6700 GW Wageningen (NL).

D. Royle, Univ. Long Ashton, Res. Station Bristol, BS18 9AS (UK).

P. Castanera, Dpto. Agroaliment., CICYT, Rosario Pino 14-16, 20820 Madrid (Spain).

Secrétaire Général : S.H. Poitout, INRA Station Rech. Zool., Domaine Saint-Paul, route de Marseille, B.P. 91, 84140 Montfavet (France).

Treasurer : J. Huber, Biol. Bundesanstalt Heinrichstr. 243, 6100 Darmstadt (FRG).

Bulletin SROP/WPRS Bulletin 1989/XII/2 (Working Group « Use of Pheromones and other Semiochemicals in Integrated Control »), 152 pp., is available from the convenor H. Arn, Eidg. Forsch.anst. 8820 Wädenswil (Switzerland).

Bulletin SROP/WPRS Bulletin 1989/XII/3 (Working Group « Integrated Control in Glasshouse »), 66 pp. is available from J. van Lenteren, Dept. Entom., Agric. Univ., Postbox 8031, 6700 EH Wageningen (NL).

Bulletin SROP/WPRS Bulletin 1989/XII/4 (Study Group « Insect Pathogens and Insect-Parasitic Nematodes » : Microbial Control of Weevils and Environmental Persistence of Pathogens and Nematodes), 108 pp., is available from C. Payne, AFRC Inst. Hort. Res., East Malling, Maidstone Kent ME19 6BJ (UK).

Bulletin SROP/WPRS Bulletin 1989/XII/5 (Working Group « Integrated Arable Farming System »), 76 pp. is available from P. Veireijken, Centre Agrob. Res., Postbox 14, 6700 AA Wageningen (NL).

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).

*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.

A meeting open to all members of this Section took place at Tsukuba (Japan) on October 4, 1989. Those who could not attend, please inform the Secretary-General of their activities.

A biological control research centre is being established in Vietnam under the Ministry of Agriculture. Cooperation is sought from all colleagues in the region and worldwide. Interested parties please contact T.T. Gian, Biol. Control Res. Centre, Plant Prot. Res. Inst., Tu Leum, Hanoi (Vietnam).

NEARTIC REGIONAL SECTION (NRS)

President : F.E. Gilstrap, Dept. Entomol., 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 North Dakota 58105 (USA)

NRS Newsletter 31, 8 pp. was published in summer 1989, and includes an article by F.E. Gilstrap « Classical Biological Control and IPM ». Copies are still available from L.D. Charlet, as well as of NRS Newsletter 32 (fall 1989), 28 pp.

NEOTROPICAL REGIONAL SECTION (NTRS/SRNT)

This new Section has been formally established and has started its operations on November 1, 1989. The Governing Board is as follows :

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

Vice-Presidents : J.N. Parra, Dept. Entom., ESALQ-USP, CP 9, CEP 13400 Piracicaba, Sao Paulo (Brasil).

P. Liedo (address on p. 2).

R.D. Cave, Dept. Prot. Veg., EAP, Apdo 93, Tegucigalpa (Honduras).

Secretary-Treasurer : E.E. Botto, Inst. Pat. Veget., NTA, CC 25, 1712 Castelar (Argentina).

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

Would all those interested in biological control in the region contact M. Zapater or E.E. Botto indicating their address and field of expertise, to obtain additional information on the NTRS.

AFROTROPICAL REGIONAL SECTION (ATRS/SRAT)

This new Section has also been recently established and is being organized. A French and an English version of the Statutes are now available from the organizer, J. Boussienguet, Prog. Nat. Lutte Biol., B.P. 1896, Univ. O. Bongo, Libreville (Gabon). Would all those residing in the region indicate their areas of interest to the organizer.

ANNOUNCEMENTS

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

Issues 34 (3) was released in October, issue 34 (4) is to appear in December this year. A new Editorial Board has been appointed for 1990-91.

Would prospective authors note that the Journal welcomes short articles (no more than 2 printed pages) for publication. Also, the Editorial Board is ready to assist colleagues in non-English speaking countries for drafting their manuscripts so as to meet the standard required by ENTOMOPHAGA.

NEW BOOKS — LIVRES NOUVEAUX

Minks, A.K. & Harrewijn, P. (eds). Aphids : their Biology, Natural Enemies and Control. Volume C, (World Crop Pest 2C), 1988, 322 pp. Order from Elsevier Sci. Publ. P.O. Box 330, 1000 AH Amsterdam (NL) or P.O. Box 882, Madison Sq. Sta., New York 10159 (USA). Price US \$ 144.75 or Dfl. 275.

Noldus, L.P.J.J. Chemical Espionage by Parasitic Wasps. How *Trichogramma* Species Exploit Moth Sex Pheromone Systems. 1989, 252 pp. Order from Noldus Inform. Techn. bv, Univ. Bus. Centre, Vadaring 51, 6702 EA Wageningen (NL). Price Dfl. 35.

PERIODICALS — REVUES

Boletín Manejo Integrado de Plagas 19, Septiembre 1989, 26 pp. is available from CIRPON, Cas. Correo Central 90, 4000 San Miguel de Tucuman (Argentina).

SPC Information Circular Plant Protection News 117 (16), 10 pp. was released in October 1988 and may be obtained from SPC, Private Mail Bag, Suva (Fiji).

Biocontrol Newsletter 2 (1), 5 pp. was published in May 1989 and is available from H.W. Spurr, USDA ARS, Crops Res. Lab., P.O. Box 1555, Oxford N. Carolina 27565 (USA).

Ichnews 12, August 1989, 37 pp. is still available from P.M. Marsh, Syst. Entom. Lab., USDA c/o US Nat. Mus., NHB-168, Washington DC 20560 (USA).

FORTHCOMING MEETINGS — CONFERENCES

Février 21-22, 1990. Régulation des Cycles Saisonniers chez les Invertébrés. Dourdan (France). Contact INRA Zool., 65 rue de Saint-Brieuc, 35042 Rennes Cedex (France).

Février 26-Mars 16, 1990. Biologie et Contrôle des Mauvaises Herbes dans les Conditions Méditerranéennes. Saragosse (Espagne). Contact IAM Apdo. 202, 50080 Zaragoza (Espagne).

May 31-June 1, 1990. Exotic Pests in the Pacific — Problems and Solutions. Mangilao (Guam). Contact R. Muniappan, Agric. Exp. Stat., Univ. of Guam, Mangilao Guam 96923 (USA).

July 1-7, 1990. The Unity of Evolutionary Biology. Washington DC (USA). Contact ICSEB-IV, Dept. Microbiology, Univ. of Maryland, College Park Maryland 20742 (USA).

July 17-29, 1990. International Course on General and Applied Acarology. Warsaw (Poland). Write to S. Ignatowicz, Agric. Univ., Dept. Appl. Entom., ul. Nowoursynowska 166, 02-766 Warsaw (Poland).

August 12-17, 1990. International Symposium Aphid-Plant Interactions : Populations to Molecules. Stillwater (USA). Contact Aphid Symp.

Committee, Oklahoma State Univ., Dept. Entom.,
501 Life Sci. West Stillwater Oklahoma 74078
(USA).

RESEARCH ON BEMISIA TABACI

The tobacco whitefly is of increasing importance worldwide, especially in protected crops. It is intended to disseminate information as a yearly Newsletter to scientists involved in research on Bemisia. Researchers wishing to participate, please send items to M. Berlinger, Entom. Lab., ARO, Gilat Reg. Exp. Sta., Mobile Post Negev, 85-280 (Israel).

VACANT POSITIONS — POSTES A POURVOIR

Two EXPERIMENTAL SCIENTISTS are required at the Biological Control Unit of CSIRO, Montpellier (France), i.e.

Montpellier, December 1, 1989

— One entomologist/ecologist for an initial term of 12 months to work in France and Portugal on the interactions of the weed **Echium plantagineum** with its associated guild of natural enemies. Duties include assessing the role of the natural enemies on the population dynamics of the plant and developing rearing methods for potential control agents.

— One phytopathologist to undertake field investigations on the biological control of plant diseases, for a unique term of 6-8 months (not renewable).

Candidates should be free to take up position by March 1990. Degree in biological sciences, driving licence, ability to speak French are expected. Apply in writing to the OIC, BCU 335 avenue Parguel, 34100 Montpellier (France) with the name of two referees.

Editor of this issue : J.P. Aeschlimann