

# IOBC Newsletter 45

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

DECEMBER 1988

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

Important changes will occur within the global IOBC during the next few months. First, an attempt will be made to organize biological control workers in Sub-Saharan Africa on the one hand, in Latin America on the other, into two new Regional Sections, for which the attention of all colleagues concerned is required (see p. 3). Second, new Statutes are about to be submitted to the present members in South-East Asia in an effort to give more impetus to this Regional Section.

The new Working Group « Ecology of Aphidophaga » will officially start its operations in January 1989, with goals that are clearly distinct from those of any already existing working parties. Also, the leadership of several Working Groups will change next year. We would like to take this opportunity to thank those who step back for their work and enthusiasm over the last few years. No doubt that the incoming chairmen will benefit from their predecessors and that they are in a position to further develop the activities of the different Working Groups.

Due to the present exchange rate of the US currency, the new subscription price for the *Journal ENTOMOPHAGA* will be slightly higher than in 1988, an increase that is certainly justified in view of the greatly increased number of pages published (over 600 again in 1989). Would members please fill out and return the notice enclosed *before January 31, 1989*? Would the American scientists that are members of the global body only join via NRS in 1989, and contact J.J. Obrycki for application (address p. 2)?

## EXECUTIVE COMMITTEE

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

Vice-President : 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 Parguel, 34100  
Montpellier (France)

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

Past-President : V. Delucchi, Inst. Pflanzenwiss.,  
Entomologie, 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).

### WG HELIOTHIS

Chairman : E.G. King, USDA ARS, Subtrop. 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,  
Ins. Attract. Lab., P.O. Box 14565, Gainesville  
Florida 32604 (USA).

The workshop held in Vancouver (Canada), June 26-30, 1988, discussed quality assessment and control with regard to two groups of organisms, i.e. « Pestiferous Insects », and « Entomophagous Arthropods ». Some 25 scientists were involved in each group. It was in fact the first time that problems associated with controlling the quality of biological control agents were considered, and four main topics were examined, i.e. colony maintenance, genetics, behaviour, and utilization.

The written conclusions of each group, as well as a list of participants in the workshop are still available from the chairmen. A next meeting has been tentatively planned for 1990, probably in the Netherlands.

**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).

The WG seeks participation of scientists investigat-  
ing egg parasitoids other than *Trichogramma*. Would  
all those working on any aspect of egg parasitoids  
please send their names, addresses, and a brief state-  
ment of their interest and current project to J.  
Huber, Biosystematics Res. Inst., Agric. Canada,  
Res. Branch, Ottawa Ontario K1A 0C6 (Canada).

**WG FRUIT FLIES  
OF ECONOMIC IMPORTANCE**

The chairman of this WG, B. Fletcher has expressed  
the wish to be replaced as soon as feasible. Two  
new chairpersons will take over responsibilities as  
from January 1989, whose names and addresses will  
be indicated in the next information batch due to  
be sent to all members of this WG in December  
this year. In the meantime, please contact E. Boller,  
Federal Res. Station, 8820 Wädenswil (Switzerland),  
for any urgent queries.

**WG BRUCHIDS**

In an attempt to reorganize this WG, would please  
all those actively researching bruchids attacking pulses  
inform one of the following colleagues of their interest  
and whereabouts :

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

A. van Huis, Dept. Entomol., Agric. Univ., P.O.  
Box 8031, 6700 EH Wageningen (NL) for para-  
sitoids of bruchids.

B. Leroi, Univ. F. Rabelais, avenue Monge, Parc  
Grandmont, 37200 Tours (France) for physiology  
and reproduction of bruchids

V. Labeyrie, IBEAS, rue de l'Université, 64000 Pau  
(France) for plant-insect relationships.

**WG ECOLOGY OF APHIDOPHAGA**

Acting chairmen : I. Hodek, Inst. Entom., ČSSR  
Acad. of Sci., Branisovska 31, 370 05 České  
Budejovice (ČSSR)

R.J. Chambers, Inst. Hortic. Res., Dept. Entom.,  
Worthing Rd, Littlehampton West Sussex BN17  
6LP (UK)

D.J. Horn, Dept. Entom., Ohio State Univ.,  
1735 Nell Avenue, Columbus Ohio 43210 (USA)

J.J. Obrycki, Dept. Entom., Iowa State Univ.,  
Ames Iowa 50011 (USA).

A symposium will be organized by this WG in  
Hungary, at some stage in 1990. The WG intends  
to concentrate its activities on (a) helping to introduce  
aphidophages from « difficult » areas, (b) developing  
the aspects of quality control, and (c) producing  
booklets on various groups of aphidophages occur-  
ring in different regions.

Ecology and Effectiveness of Aphidophaga. Proc.  
Int. Symp., Teresin (Poland), E. Niemezyk &  
A.F.G. Dixon (eds.), 1988. 341 pp., is available  
from the publisher, SPB Acad. Publishing bv,  
P.O. Box 97747, 2509 GC The Hague (NL).

**NEWS FROM REGIONAL SECTIONS**

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

Président : G.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).

Bulletin SROP/WPRS Bulletin 1988/XI/4 (Working  
Group « Pesticides and Beneficial Organisms »),  
143 pp. is available from the editor, S.A. Has-  
san (address p. 2).

PROFILE 8 (August 1988), 16 pp., edited by A.K.  
Minks, may still be obtained from J.P. Bassino.  
This issue contains useful information on the  
activities of the working and study groups of  
WPRS.

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

Secretary-General : W. Suasa-ard (same address).

The acting Executive Committee of SEARS has  
prepared a new version of the Statutes. This draft  
version will be circulated to all regular members of  
SEARS towards the end of 1988. Please react  
quickly !

Proceeding 1st Int. Workshop on Biological Control  
of *Chromolaena odorata*, R. Muniappan (ed.).  
1988. 85 pp., is available from the editor at the  
Agric. Exper. Station, Mangilao Guam 96923 (USA).

**NEARCTIC REGIONAL SECTION (NRS)**

President : J.R. Coulson (address p. 1)

Secretary-Treasurer : J.J. Obrycki (address p. 2)

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

NRS Newsletter 28 (Summer 1988), 13 pp. was released by the editor J.C. Miller.

#### REGIONAL SECTION IN SUB-SAHARAN AFRICA

Institutions and individuals willing to actively participate in the creation of a new Regional Section (basically bilingual English/French) in the countries concerned, and who would accept responsibilities as from next year, please contact the Secretary-General (address p. 1).

#### REGIONAL SECTION IN LATIN AMERICA

Colleagues that are in a position to contribute to the development of a new Regional Section in that area, and who would be ready to take over duties in 1989 are invited to contact J.R. Coulson (address p. 1) in writing.

#### ANNOUNCEMENTS

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

Issues 33 (2) and 33 (3) of the Journal have been mailed during summer, whereas the last issue 33 (4) of this volume will be sent at the end of this year.

#### NEW BOOKS — LIVRES NOUVEAUX

Cavalloro, R. & Way, M.J. (eds.). Integrated Crop Protection. From Principles to Practical Implementation. Proc. Int. Joint Conf., Brussels, 1988. 162 pp. Order from Office Offic. Publ. Europ. Communities, Luxembourg 2985 (L). Price ECU 11.50

Evans, P.D. & Wigglesworth, V.B. (eds.). Advances in Insect Physiology, 1988, 20, 22pp. Order from Academic Press Ltd., 24/28 Oval Road, London NW1 7DX (UK), or Academic Press Inc. Orlando Florida 32887 (USA). No price stated.

Grainge, M. & Ahmed, S. Handbook of Plants with Pest-Control Properties, 1987, 470 pp. Wileys & Sons Ltd., Distribution Centre, 1 Oldlands Way, Bognor Regis, West Sussex PO22 9SA (UK). Price £ 38.95.

Trjapitzin, V.A. Palaeartic Encyrtidae. Fauna of USSR (157), 211 genera, 1260 species (Morphology, evolution, distribution, economic importance in biocontrol). In Russian, 1989. Order book 2, no. 593 from Akademkniga, Kniga-Potshtoj, Petrosawodskaya ul. 7, 197345 Leningrad (USSR). Price Roubles 11.

Waterhouse, D.F. & Norris, K.R. Biological Control : Pacific Prospects, 1987, 454 pp. Order from Inkata Press, 4 Longbourne Ave., N. Clayton, Victoria (Australia). Price AUS \$ 138.

Jepson, P.C. (ed.). Pesticides and Non-target Invertebrates, 1988, 304 pp. Order from Intercept Ltd., P.O. Box 402, Wimborne Dorset BH22 9TZ (UK). Price £ 30 or US \$ 55.

Benuzzi, M. & Nicoli, G. Lotta Biologica e Integrata nelle Colture Protette. (Strategie e Tecniche Disponibili). 1988. 166 pp. Centrale Ortofrutticola, Via Dismano 3845, Pievestina di Cesena (Italia).

Bouček, Z. Australasian Chalcidoidea (Hymenoptera). 1988, 832 pp. Order from CAB International, Wallingford Oxon OX10 8DE (UK). Price US \$ 199.95.

#### PERIODICALS — REVUES

Biocontrol Newsletter 1 (2), 7 pp., and 1 (3), 5 pp., 1988 may be obtained from H.W. Spurr, USDA ARS, Crops Res. Lab., P.O. Box 1555, Oxford North Carolina 27565 (USA).

FAO Plant Protection Bulletin 35 (4), 107-169, is available from Plant Protection, Sales Section, Via delle Terme di Caracalla, 00100 Rome (Italy).

ILEIA Newsletter 4 (3), 28 pp. issued October 1988, may be obtained from ILEIA, Kastanjelaan 5, P.O. Box 64, 3830 AB Leusden (NL).

Ecoforum 12 (5), 16 pp. issued April 1988, may be obtained from CLE, P.O. Box 72461, Nairobi (Kenya).

Chalcid Forum 11, 21 pp. was issued in October 1988 and is available from Biosystematics Res. Centre, Agriculture Canada, K.W. Neatby Build., Ottawa K1A 0C6 (Canada).

Ichnews 11, 44 pp. released in October 1988 may be obtained from M. Sharkey, at the same address in Ottawa.

Plant Protection News 11 (March 1988) and 12 (June 1988) are available from Plant Prot. Res. Inst., Private Bag X 134, Pretoria 0001 (S. Africa).

Sting, newsletter on Biological Control in greenhouses, 9, released in October 1988, is available from J. van Lenteren, Dept. Entom., Agric. Univ., P.O. Box 8031, 6700 EH Wageningen (NL).

#### FORTHCOMING MEETINGS — CONFERENCES

Décembre 5-18, 1988. Protection Intégrée en Agrumiculture. Moncada-Valencia (E). Ecrire à M.L. Navarro, INIA, Apartado Oficial 46113 Moncada-Valencia (Espagne).

January 20-27, 1989. New Directions in Biological Control, Frisco Colorado. Contact R. Baker, Colorado State Univ., Frisco Colorado (USA).

January 29-March 11, 1989. Advanced Methods in Medical and Veterinary Vector Control. Course at the Imperial College; queries to P. Manser, CEC, Sherfield Imperial College, London (UK).

March 27-30, 1989, Riverside California; April 4-6, 89, McAllen Texas. Intern. Vedralia Symposia on Biological Control : a Century of Success. Information from Int. Symp. Biocontrol, Dept. Entom., Univ. of California, Riverside California 92521 (USA).

September 25-29, 1989. European Ecological Symposium, Siena (I). Further details from A. Renzoni, Dipt. Biologia Ambiente, Via delle Cerchia 3, 53100 Siena (Italy).

October 16-20, 1989. Semiochemicals and Pest Control. Prospects for New Applications. Wageningen (NL). Ask M. Dicke, Dept. Entom., Agric. Univ., P.O. Box 8031, 6700 EH Wageningen (NL).

November 6-17, 1989. ISHS Int. Symposium on the Culture of Subtropical and Tropical Fruits and Crops. Nelspruit (S.A.). Information from ISHS Int. Symp., Private Bag X11208, Nelspruit (S. Africa).

November 8-13, 1989. 1st Asia-Pacific Conference of Entomology, Chiangmai (Thailand). Information from M. Rumakom, P.O. Box 1078, Bangkok 10903 (Thailand).

Montpellier, December 1, 1988

Editor of this issue : J.P. Aeschlimann