

IOBC Newsletter 36

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

DECEMBER 1985

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

In the present NEWSLETTER 36, the Executive Committee of the global IOBC intends to summarize its views on the situation of this Organization, with particular emphasis on some recently introduced changes. It is hoped that future developments will lead to an improvement of IOBC's position worldwide and to an even higher standard of our scientific publications. Also attached with this NEWSLETTER is a copy the Statutes of the global body for every one's information, as well as a subscription notice for 1986. (A copy of the Bye-laws was already sent to each member in 1984.) As approved by the 5th General Assembly held at Rome (Italy) on March 31, 1981, these Statutes provide a clear definition of the goals of this Organization. At this stage, however, the following points require additional explanation as regards their implications for each category of membership.

1. MEMBERSHIP

Membership is open to any individual and institution interested in biological and integrated control of pest animals and weeds. Regular individual members and/or scientists working with an institution which is a regular member of the global IOBC have the following advantages :

- they receive the NEWSLETTERS and other documents published by the global IOBC,
- they may subscribe to the scientific Journal ENTOMOPHAGA at a substantially lower rate,
- they qualify as senior author of a contribution for having up to 10 pages printed free of charge each year in ENTOMOPHAGA, provided the article is accepted by the Editorial Board of this Journal. Please note that from January 1986, a US \$ 20 page charge will apply for non-members as indicated under 2.3. below.

Basically, members of Regional Sections, whether individual, institutional or supporting, are also members of the global Organization, having

the rights and obligations pertaining to both the global *and* the Regional Section (see point the global body *and* the Regional Section (see point 4 below).

2. ENTOMOPHAGA

From January 1985 on, the new Chief-Editor of our scientific Journal is C. Bénassy (INRA Station, route de Biot, 06560 Valbonne, France). A joint Publication Committee has been established early this year, that consists of 2 representatives of the global body, 2 of the WPRS, plus the Chief-Editor. This Publication Committee shall be responsible for determining the general policy to be adopted with ENTOMOPHAGA. The main changes due to occur in January 1986 are as follows :

2.1. *Editorial Board.* It has been entirely reviewed, and 16 colleagues with expertise in the various disciplines involved in the biological control of pest species have agreed to assist the Chief-Editor and to serve as members of the Editorial Board for a first term of 2 years (1986 to 1987), i.e.

G.A. Beglyarov (URSS)	K. Kiritani (Japan)
J. Fargues (France)	M. Mackauer
S. Finch (UK)	(Canada)
R. Gonzalez (Chile)	C.C. Payne (UK)
G. Gordh (USA)	D. Rosen (Israel)
A. Gutierrez (USA)	G.H.L. Rothschild
Y. Hirose (Japan)	(Australia)
I. Hodek (CSSR)	E. Tremblay (Italy)
A. Jarraya (Tunisia)	J. Waage (UK)

2.2. *Scientific contents.* The Journal publishes original articles dealing with all aspects of the biological and integrated control of pest animals and weeds. Preference will be given in future to papers devoted to the practical use of bio-control agents, the analysis and modelling of pest/natural enemies relationships, and the possible combination of various protection measures (integrated pest control).

2.3. *Submission and page charge.* Manuscripts for publication in ENTOMOPHAGA are to be submitted to the Chief-Editor only. He will organize for each paper to be refereed by 2

independent research workers. From 1986 on, authors (senior authors in the case of co-authored contributions) who cannot be considered as regular members of the global IOBC will be charged US \$ 20 for each of the first 10 printed pages.

For extra pages (i.e. pages in excess of 10) all authors, whether members or not of IOBC, will be charged US \$ 48 per printed page.

2.4. *Reprints.* We arranged with the publishing house for all reprints (50 free per article) to be forwarded air-mail to authors, starting with ENTOMOPHAGA 30 (3).

3. NEWSLETTERS

As far as possible, they will be edited at regular interval each year, i.e. on April 1, August 1, and December 1. Working Group convenors, Regional Section representatives as well as IOBC members are welcome to submit information of general interest for insertion in the NEWSLETTERS; these items shall reach the Secretary-General at least 2 weeks before publication date.

4. MEMBERSHIP FEES

In spite of the increasing costs for publishing and mailing scientific documents, the basic fees have remained unchanged since 1971. For 1986 they will again be of:

- US \$ 900 for a supporting member, with the same advantages as for
- US \$ 150 per institutional member, who will receive 1 copy of ENTOMOPHAGA, 1 copy of the global IOBC NEWSLETTERS, and (new) 1 copy of the IOBC/WPRS Bulletins
- US \$ 10 for each individual member, who will receive 1 copy of the IOBC NEWSLETTERS and may subscribe to one copy of ENTOMOPHAGA at the rate of US \$ 30 in Europe and US \$ 35 outside Europe, (the difference being due to higher mailing costs), payable in addition to the basic fee of US \$ 10.

Payment. We recommend payment by international money order in US currency to be sent to the Secretary-General of the global IOBC, together with the subscription form of which one copy is enclosed. Members who did not pay the full rate in 1985 are urged to add the difference to their 1986 fees.

EXECUTIVE COMMITTEE 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. 417,
Beltsville Maryland 20705 (USA)

V.A. Lebedev, Ministry of Agric., Main Plant
Prot. Dept., Orlikov Perculok 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)

COUNCIL

This consists of the Executive Committee as listed above, plus the following 5 representatives (one per Regional Section) :

J.P. Bassino, Paris (France) for WPRS
F.E. Gilstrap, College Station (USA) for NRS (?)
R. Gonzalez, Santiago (Chile) for LARS
V.I. Martinenko, Moscow (USSR) for EPRS, and
B. Napompeth, Bangkok (Thailand) for SEARS

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 12th Symposium of the IWGO held at Piestany in September 1982 are now available. They were published in the Coll. Scientific Papers, Maize Research Institute, Trnava, 14 (Special Issue), 146 pp. and include some 20 original papers or progress reports. Ask J. Jaudz, Maize Res. Inst., Trnava (CSSR) for additional copies.

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
MS 38776 (USA)

A Symposium on the « Biological Control of *Heliothis* : Increasing the Effectiveness of Natural Enemies » was held in New Delhi, India on November 11-15, 1985, with some 70 scientists in attendance. Ask the chairman of this WG for more details.

WG QUALITY CONTROL OF MASS-REARED ARTHROPODS

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

WG TRICHOGRAMMA

Co-chairmen : S.A. Hassan, Inst. f. Schädl.bek.,
Heinrichstr. 243, 6100 Darmstadt (FRG)
J.C. van Lenteren, Agric. Univ., Dept.
Entomol., Binnenhaven 7, P.O. Box 8031,
6700 EH Wageningen (NL)
J. Voegelé, Stat. Zool. INRA, 37 boul. du
Cap, B.P. 78, 06602 Antibes (France).

FRUIT FLIES OF ECONOMIC IMPORTANCE

A formal application has recently been received for the establishment of a new global Working Group on Fruit Flies of Economic Importance, the activities of which should be coordinated

with, and different from those of the already existing WPRS WG on the same subject. Interested scientists are welcome to comment on this proposal and write to E.F. Boller, Swiss Fed. Res. Station, 8820 Wädenswil (Switzerland), or to the Secretary-General. Please note that a joint IOBC/FAO/EEC meeting on fruit flies is due to be organized towards the end of 1986, most probably in Rome (Italy). Information from G. Delrio, Ist. entom. agr., Univ., Via de Nicola, 07100 Sassari (Italy).

NEWS FROM REGIONAL SECTIONS

WEST PALAEARCTIC REGIONAL SECTION (WPRS/SROP)

The 5th General Assembly of WPRS was held at Stuttgart (FRG) in October 1985. A new Council was elected, which comprises 3 Vice-Presidents, 8 members and 4 deputies and will be headed by the followings for the period 1985 to 1989:

President: C.A. Pelerents, 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)

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

The new Auditing Committee is chaired by M.J. Way, Imperial Coll., Silwood Park, Ascot, Berkshire (UK).

Bulletin SROP/WPRS Bulletin 1985/VIII/2 (Bibliography of Fruit Fly Literature, «A Review of Recent Publications», 35 pp.) is available from the editor, H. Zwölfer, Lehrstuhl für Tierökologie 1, Universität, 8580 Bayreuth (FRG).

Bulletin SROP/WPRS Bulletin 1985/VIII/3 (Working Group «Integrated Control of Cereal Pests», Wageningen (Netherlands), 1984, 141 pp.) is available from the editor, C.A. Dedryver, INRA Lab. Zool., La Motte-au-Vicomte, 35650 Le Rheu (France).

EAST PALAEARCTIC REGIONAL SECTION (EPRS)

Secretary-General: V.I. Martinenko, Plant Protection Dept., v/o Ministry of Agric., Orlikov Pereulok 1/11, Moscow 107139 (USSR).

LATIN AMERICAN REGIONAL SECTION (LARS)

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

NEARCTIC REGIONAL SECTION (NRS)

The annual meeting of this Regional Section will be organized during the next meeting of the Entomological Society of America at Hollywood, Florida, in December 1985. J.R. Coulson (address as above) has accepted to act as Regional Section President in the meantime.

SOUTH AND EAST ASIAN REGIONAL SECTION (SEARS)

Secretary-Treasurer: Wiwat Suasa-ard, National Biol. Control Res. Center, Kasetsart Univ. P.O. Box 9-52, Bangkhen, Bangkok 10900 (Thailand).

ANNOUNCEMENTS

ENTOMOPHAGA 30, 1985 (by courtesy of C. Bénassy)

Volume 30 (4):

Galichet, P.F., Riany, M. & Agounke, D. — Bioecology of *Lydella thompsoni* Herting (Diptera, Tachinidae), within the Rhône delta in southern France.

Young, O.P. & Lockley, T.C. — The striped lynx spider *Oxyopes salticus* (Araneae: Oxyopidae) in agroecosystems.

Rappaport, N. & Page, M. — Rearing *Glypta fumiferanae* (Hym.: Ichneumonidae) on a multi-voltine laboratory colony of the western spruce budworm (*Choristoneura occidentalis*) (Lep.: Tortricidae).

Fargues, J., Robert, P.H. & Vey, A. — Effet des destruxines A, B et E dans la pathogénèse de *Metarrhizium anisopliae* chez les larves de Coléoptères Scarabaeidae.

Croizier, G., Croisier, L., Biache, G. & Chau-faux, J. — Evolution de la composition génétique et du pouvoir infectieux du baculovirus de *Mamestra brassicae* L. au cours de 25 multiplications successives sur les larves de la noctuelle du chou.

O'Neil, R.J. & Cate, J.R. — Competition between *Bracon mellitor* Say (Hym.: Braconidae) and *Catolaccus grandis* Burks (Hym.: Pteromalidae) for their host *Anthonomus grandis* Boheman (Col.: Curculionidae).

Meadow, R.H., Kelly, W.C. & Shelton, A.M. — Evaluation of *Aphidoletes aphidimiza* (Dip.: Cecidomyiidae) for control of *Myzus persicae* (Hom.: Aphididae) in greenhouse and field experiments in the United States.

de Moares, G.J. & McMurtry, J.A. — Comparison of *Tetranychus evansi* and *T. urticae* (Acari: Tetranychidae) as prey for eight species of phytoseiid mites.

Dharmadhikari, G., Ramaseshiah, G. & Achan, P.D. — Survey of *Lymantria obfuscata* Walker and its natural enemies in India.

Gerling, D. & Bar, D. — Parasitization of *Chrysoperla carnea* (Neuroptera: Chrysopidae) in cotton fields of Israel.

Alfaro, R.I., Hume, M.A. & Harris, J.W.E. — Insects associated with the sitka spruce weevil *Pissodes strobi* Peck (Col.: Curculionidae) on sitka spruce, *Picea sitchensis* (Gong.) Carr. in British Columbia, Canada.

King, E.G., Powell, J.E. & Coleman, R.J. — A high incidence of parasitism of *Heliothis* spp. (Lep.: Noctuidae) larvae in cotton in southeastern Arkansas.

NEW BOOKS

Chapman, R.B. (ed.). Proceedings of the 4th Australasian Conference on Grassland Invertebrate Ecology. 1985, 383 pp. (Contains 51 papers on various subjects.) May be ordered from R.B. Chapman, Entomol. Dept Lincoln Coll., Canterbury (N.Z.) (Price NZ \$ 35).

Cock, M.J.W. (ed.) Review of Biological Control of Pests in the Commonwealth Caribbean and Bermuda up to 1982. 1985. Comm. Agric. Bureaux, Farnham House, Farnham Royal, Slough SL2 3BN (UK), 244 pp. (Price £ 35, US \$ 52.50 in non-member countries)

PERIODICALS

Chalcid Forum 5, 16 pp. was issued in July 1985. Mailing address : Systematic Entomology Laboratory, USDA ARS, c/o US National Museum, Washington DC 20560 (USA).

TDR Newsletter 22, 26 pp. may be of interest for those working in the biological control of vectors. (TDR = Special Programme for Research and Training in Tropical Diseases). Write to the Director, TDR, WHO, 1211 Geneva 27 (Switzerland).

FORTHCOMING MEETINGS

March 11, 1986. Colloque médiateurs chimiques, destiné à créer un lien entre la

Montpellier, December 1, 1985.

recherche et l'industrie. INA Paris-Grignon. Inscriptions auprès de l'ANPP, 149, rue de Bercy, 75579 Paris Cedex 12 (France). Renseignements auprès de G. Strebler, INA Paris-Grignon, 16, rue Claude-Bernard, 75231 Paris Cedex 05.

September 8-12, 1986. 4th Ecology Symposium, entitled Ecological Implications of Contemporary Agriculture and organized by the Netherlands Ecology Society. There are 5 themes, i.e. the soil, weeds, need for ecological knowledge in pest control, flow of water and nutrients, relations between ecosystems. Secretariat : International Agric. Centre, Bureau Conferences, P.O. Box 88, 6700 AB Wageningen (NL).

Editor of this issue : Jean-Paul Aeschlimann