

# IOBC Newsletter 38

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

AUGUST 1986

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

A statutory meeting of the global IOBC Council is due to take place at Delémont (Switzerland) from September 22 to 25, 1986. The Council will have to examine a series of proposals, part of which have been suggested by various individuals members to whom we are most grateful. Some of the suggestions aim at improving the level of the relationship between different IOBC Regional Sections, with a view of increasing the exchange of information, and in particular the expertise, as well as highly specialized literature, between different parts of the world.

It is our feeling that the interest for IOBC and its activities is much greater now throughout the world than it used to be. This new trend is probably best documented by the drastically increasing numbers of manuscripts that are being submitted for publication in ENTOMOPHAGA. In spite of the introduction of page charges as from January 1986, the Editorial Board of our scientific journal is now dealing with 28-30 % more manuscripts every 6 months! Slightly over half the total number of articles is still originating from Europe and America, but a considerable proportion is now being sent in from colleagues working in Asian countries (23 %), in Africa (10 %) or in Australia (8.2 %).

From the financial point of view also, the situation of IOBC is somewhat better. Nevertheless, too many members have simply neglected to pay their fees. We would like our readers to take the reminder of our Treasurer into consideration and to check their records accordingly.

## 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. Insects  
Intro. Lab., USDA ARS, BARC-East Build.  
417, Beltsville Maryland 20705 (USA)  
V.A. Lebedev, Ministry of Agric., Main  
Plant Prot. Dept., Orlikov pereulok 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, Division Biol. Control,  
Univ. of California, 1050 San Pablo Ave,  
Albany California 94706 (USA)

## NOTE FROM THE TREASURER

In recent issues of the global IOBC NEWSLETTERS, the importance of IOBC has been emphasized as the sole Organization to unit biological control workers worldwide; IOBC also represents these scientists internationally, defends their interests, publishes their findings in its journal ENTOMOPHAGA, and finally supports and organizes International Working Groups on specific programmes. The benefits offered to individual members have also been stressed (see NEWSLETTER 36, still available from the Secretary-General). These advantages include a reduced rate of subscription for ENTOMOPHAGA, 10 pages printed free of charge per year in this journal, 3 issues of the global NEWSLETTERS, etc.

While the role of biological control becomes more and more important in terms of integrated pest management, the financial prospects for our Organization remain rather dim, from the Treasurer's point of view at least. With the present exchange rate of the US \$, the surplus on membership fees (amount that IOBC is able to use for its own operations) is in the order of US \$ 0.5 only per individual member (cf. table below). If the current trend continues a little further, this surplus may even be reduced to zero. Of course, we don't want this to happen, so don't be surprised if there is a slight increase in membership dues as from 1987; the Treasurer will seek the Council's approval on this point.

## YOUR DUES AND HOW THEY ARE BEING SPENT

There has been criticism as regards the different rates of subscription to ENTOMOPHAGA,

Table 1. Membership dues in US \$ and costs per individual member (E = with subscription to ENTOMOPHAGA ; N = with NEWSLETTERS only)

Status	Location of member	Dues 1986	Costs arising to IOBC for ENTOMOPHAGA NEWSLETTERS		Saving for IOBC
E	Europe	40	33	5	2
E	Overseas	45	38	7	0
N	Europe	10	—	5	5
N	Overseas	10	—	7	3

Third World scientists allegedly paying more for this journal than European colleagues for instance. This is incorrect as the differences are entirely due to higher overseas postage rates. In fact, the reverse is true as European individual members do contribute to subsidising shipment of documents overseas. Just take a look at Table 1 and you will see that there is no discrimination whatsoever from that point of view.

Despite these rather precarious conditions, we have hitherto been able to provide some financial support to our Working Groups and we will continue to do so. Their funding derives largely from the contributions of our institutional and supporting members, and albeit from the rapidly dwindling assets of this Organization. So let us try to have more institutional and supporting members : drop a note to the Secretary-General ; your help in this regard will be greatly appreciated.

Those who did not yet pay their 1985 and/or 1986 dues should make the necessary arrangements as soon as possible. We need your share to keep IOBC viable.

We have several « dead » members on our files, i.e. people who apparently think ... to pay or not to pay does not matter ! ». From the end of this financial year, we will strictly apply Article V of the global IOBC statutes, which states quite clearly :

1. Members may resign by giving notice to the Council or the Regional Section before June 30. The withdrawal shall become effective on December 31 of the same year up to which the contribution must be paid.
2. The Council or the Regional Section, whichever is appropriate, may deprive of benefits any Member whose contribution is in arrears, and may expel any Member whose contribution is two or more years in arrears.

We would far rather have all of you continue to participate as active members of the global IOBC and its Regional Sections and Working Groups. As a rule, we don't issue invoice or receipt ; these may, however, be obtained upon request.

## NEWS FROM WORKING GROUPS

### WG OSTRINIA NUBILALIS

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

Newsletter 7 (1) (22 pages) was released in May 1986 and mainly contains indications for those members of the WG who plan to attend the 14th International Meeting to be held at Beijing in September 1986. Please ask the editor K. Berger, Federal Inst. for Plant Prot., Truntnstr. 5, 1020 Vienna (Austria) for additional copies.

### WG BRUCHIDS

Chairman : V. Labeyrie, IBEAS, Rue de l'Université, 64000 Pau (France)

A special one-day meeting of scientists interested in the activities of this WG was held on July 7, 1986, at Pau. Entomologists/ecologists working on one or the other aspect of the problems posed by bruchids attacking pulses in any country are welcome to contact the chairman of this WG at the above address.

### WG HELIOTHIS

Chairman : E.G. King, USDA ARS, Insect Management Lab., P.O. Box 225, Stoneville Mississippi 38776 (USA)

Newsletter 4 of the *Heliothis* WG was issued in May 1986 (45 pages) by the chairman who would be pleased to send it to colleagues interested in the topic. This Newsletter includes a list of the scientists researching biological control of *Heliothis* spp. and the recommendations that were adopted at the New Delhi workshop last year. The redactors are confident that the Proceedings of this workshop will appear by the end of 1986.

### WG QUALITY CONTROL OF MASS-REARED ARTHROPODS

Chairman : C.O. Calkins, USDA ARS, Insect Attractants Lab., P.O. Box 14565, Gainesville Florida 32604 (USA)

More than 40 participants are expected to attend the 3rd Biennial Workshop of this WG, which is scheduled from August 25 to 28 at Guatemala City. A tour has been arranged insect factories at Tuxtla Gutierrez and Tapachula. Ask the chairman for any further information.

### WG TRICHOGRAMMA

Co-chairmen : S.A. Hassan, Inst. für biol. Schädlingsbek., Heinrichstr. 243, 6100 Darmstadt (FRG)

J.C. van Lenteren, Agric. Univ., Dept. Entomol., Binnenhaven 7, P.O. Box 8031, 6700 Wageningen (NL)

J. Voegelé, Station Zool. INRA, 37 boul. du Cap, B.P. 78, 06602 Antibes (France)

At this stage, more than 100 contributions have been received from research workers who are registered for the 2nd International Symposium on *Trichogramma* organized at Guangzhou (China) from November 19-21, 1986. Papers presented should be published by the French INRA, pending acceptance by the editorial committee. A note is available from J. Voegelé indicating how to prepare the articles.

### WG FRUIT FLIES OF ECONOMIC IMPORTANCE

Chairman : B.S. Fletcher, CSIRO Div. of Entomology, 55 Hastings Road, Warrawee, NSW 2074 (Australia)

Acting coordinator : E. Boller, Federal Res. Station, 8820 Wadenswil (Switzerland)

An updated world list of fruit fly specialists is being prepared for the beginning of 1987. Would all those who received an entry form return it in due course during autumn 1986 to E. Boller at the above mentioned address? Additional forms may also be obtained for colleagues who went unconsidered.

## NEWS FROM REGIONAL SECTIONS

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

President : C.A. Pclerents, 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)

The usual IOBC/WPRS bulletins are now provided with an ISBN number, which should make their distribution easier.

Bulletin SROP/WPRS Bulletin 1986/IX/1 (Working Group « Integrated Control of *Corythuca Giliata* », 107 pp.) may be obtained from the convenor of this WG, M. Maceljski, Plant Prot. Inst., Fac. of Agric. Sci., 41000 Zagreb, Simunska 25 (Yugoslavia).

Bulletin SROP/WPRS Bulletin 1986/IX/2 (Study Group « Management of Farming Systems for Integrated Control », 34 pp.) is available from the convenor, P. Vereijken, Res. Station Arable Farming, Postbox 430, 8200 AK Lelystad (NL).

### EAST PALAEARCTIC REGIONAL SECTION (EPRS)

President : N.M. Golishin, Ministry of Agric., Orlikov pereulok 1/11, 107139 Moscow (USSR)

Secretary-General : V.I. Martinenko (same address)

### SOUTH AND EAST ASIAN REGIONAL SECTION (SEARS)

President : B. Napompeth, Nation. Biol. Control Res. Center, Kasetsart Univ., P.O. Box 9-52, Bangkok 10900 (Thailand)

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

### NEARCTIC REGIONAL SECTION (NRS)

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

Secretary-General : F.E. Gilstrap, Dpt. Entomol., Texas A & M Univ., College Station, Texas 77843 (USA)

### LATIN AMERICAN REGIONAL SECTION (LARS)

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

## ANNOUNCEMENTS

ENTOMOPHAGA 31, 1986, (by courtesy of the chief editor, C. Bénassy, Station de Zool. INRA, route de Biot, 06560 Valbonne, France).

Volume 31 (2) :

Yadav, R.P. & Chaudhary, J.P. — Longevity and development of the egg-parasitoid *Cheiloneurus pyrillae* (Hym. : Encyrtidae) at different combinations of temperature and relative humidity.

Mendel, Z. — Hymenopterous parasitoids of bark beetles (Scolytidae) in Israel : host relation, host-plant, abundance, and seasonal history.

Mendel, Z. — Hymenopterous parasitoids of bark beetles (Scolytidae) in Israel : relationships between host and parasitoid size and sex ratio.

Rosen, D. & DeBach, P. — Three new species of *Aphytis* (Hym. : Aphelinidae), parasites of *Pseudaulacaspis* spp. (Hom. : Diaspididae) in India and Australia.

Jones, D. — Use of parasite regulation of host endocrinology to enhance the potential of biological control.

Aeschlimann, J.P. — Distribution and effectiveness of *Anaphes diana* (= *Patasson lameerei*) (Hym. : Mymaridae), a parasitoid of *Sitona* spp. eggs (Col. : Curculionidae) in the Mediterranean region.

Samson, P.R. & Smibert, J. — Preliminary studies on the efficacy and establishment of *Roptrocercus xylophagorum* (Hym. : Torymidae), a parasitoid of *Ips grandicollis* (Col. : Scolytidae) in Australia.

Kirk, A.A. & Ridsdill-Smith, T.J. — Dung beetle distribution patterns in the Iberian peninsula.

Mhosen, Z.H., Ibrahim, M.A.K. & Al-Jadooa, N.S. — Isolation of spore-forming bacilli from mosquitoes in natural breeding habitats in Iraq.

Chambers, R.J. — Preliminary experiments on the potential of hoverflies (Dipt. : Syrphidae) for the control of aphids under glass.

Pickett, C.H. & Gilstrap, F.E. — Predation of *Oligonychus pratensis* (Acar. : Tetranychidae) by *Phytoseiulus persimilis* and *Amblyseius californicus* (Acar. : Phytoseiidae) under controlled laboratory conditions.

## NEW BOOKS — LIVRES NOUVEAUX

King, E.G. et al. Biological Control of Bollworm and Tobacco Budworm in Cotton by Augmentative Releases of *Trichogramma*. 1985. Suppl. Southwest. Entomol., 8, 198 pp. Enquiries from the Dept. of Entomol., Texas A & M Univ., College Station, Texas 77840 (USA)

Cavalloro, R. & Crovetto, A. (ed.). Integrated Pest Control in Olive-Groves. 1985, 512 pp. Publ. by Balkema, P.O. Box 1675, 3000 BR Rotterdam (NL).

Helle, W. & Sabelis, M.W. (ed.). Spider Mites. 1985. Volume 1A The Tetranychidae. 406 pp. US \$ 105.50/Dfl. 285. Volume 1B Natural Enemies of the Tetranychidae. 458 pp. US \$ 111/Dfl. 300. Elsevier Sci. Publ., P.O. Box 211, 1000 AE Amsterdam (NL).

Hussey, N.W. & Scopes, N.E.A. (ed.). Biological Control : the Glass-house Experience. 1985, 240 pp. Publ. by Blandford Press Poole (UK).

King, E.G. & Leppa, N.C. (ed.). Advances and Challenges in Insect Rearing. 1984, 306 pp. USDA ARS. Order from the Government

PERIODICALS — REVUES

Tropical Pest Management, 32 (1), 99 pp. was issued in January-March 1986. It contains a number of articles dealing with the biological control of tropical pests and includes French and Spanish summaries.

FAO Bulletin phytosanitaire 34 (1), 66 pp. concentrates on the virus diseases observed in the Mediterranean region.

Ichnews 9, 54 pp., the information carrier of people working on Ichneumonoidea may be obtained free from M.J. Sharkey, Bio-systematic Res. Center, Agric. Canada, Ottawa K1A 0C6 (Canada).

Montpellier, August 1, 1986.

August 31 - September 5, 1986. International Conference on Tropical Entomology, Nairobi (Kenya). Write to the Organizing Committee, P.O. Box 30772, Nairobi (Kenya).

November 26-28, 1986. Second International Symposium on No-tillage in Vines, Montpellier (France). For more information, ask ITV, Domaine de la Bastide, Route de G n rac, 30000 Nimes (France).

August 31 - September 5, 1987. 3rd International Symposium on the Ecology of Aphidophaga, Spa a (Poland). Please direct correspondance to E. Niemczyk, Res. Inst. Pomology, 96-100 Skierniewice (Poland).

Scientists interested the 7th Symposium on the Biological Control of weeds should note that it will be organized in Rome (Italy) instead of South Africa in 1988.

Editor of this issue : Jean-Paul Aeschlimann