BRIGHT FUTURE FOR BIOLOGICAL CONTROL?

Like all other disciplines, biological control undoubtedly has its ups and downs. If the resources allocated to research workers are an indication for the future of a science, then biological control is about to enter a new, highly favourable, period. Over the last two years, good news have been received from all continents, which confirm this trend, some of the most important ones being as follows:

1989: Inauguration of the ITA-Canonc (R.P. Béhin) Research Centre for Biological Control.

Establishment of a Biological Control Research Centre at Hanoi (Vietnam).

Completion of the new quarantine for biological control at Canberra (Australia: CSIRO Division of Entomology), and at Franklin (Australia: R. Turnbull Research Institute).

Decision made to build a new station for biological control in Paraguay.

1990: Creation of the International Centre for Biological Control at Montpellier-AgroParis (France: CILMA, President J.P. Anschloßmann, address below), due to host the new research laboratories of a number of Organizations, i.e. CSIRO (Australia), USDA-ARS (USA), INRA (France), etc., and of other Agencies likely to be interested, on a 20 hectares block of land.

Also, following an initiative of the global body, the Plant Protection and Protection Division of FAO (Rome, Italy) has accepted to draft guidelines for the safe use of biological control agents covering the introduction, release, quarantine procedures and the safety requirements. The document is expected to be circulated within the next few months and should be ready for issue by the end of this year.

We now look forward to hearing from successful results of biological control programs!

EXECUTIVE COMMITTEE


Secretary-General: J.P. Anschloßmann, CSIRO Biol. Control Unit, 335 avenue P. Purgell, 34000 Montpellier (France).


NEWS FROM WORKING GROUPS

WGO OSTRICHELIA NUBILITIS

Chairman: P. Anglande, INRA Station Zoöl. Agric., La Grande-Ferrade, 33480 Point-de-Maye (France).

IWGO Newsletter 10 (2), 38 pp., was released in November 1989 and may still be obtained from the editor, H.K. Berger, Fed. Inst. Plant Prot., Transl. A, 1020 Vienna (Austria).

The XVIIIth International Meeting of IWGO will take place in Ames, Iowa (USA), most probably in the second week of September 1990. Interested scientists please contact the chairman.

WGO HELIOTHROPS

Chairman: P.G. King, USDA ARS, Subop. Agric. Res. Lab., P.O. Box 567, Weslaco Texas 78596 (USA).

WQ QUALITY CONTROL OF MASS-REAISED ARTHROPODS

Chairman: J. Bigler, Eichener Forschungsanst., FAP, Reckenholzerstr. 191, 8040 Zurich (Switzerland).


The Contributions to the 5th Workshop WQ Quality Control, Vancouver (Canada), June 26-30, 1988 have been published as a separate issue of J. Appl. Entom., 118 (1989), 399-482. Copies may be ordered from the chairman at the price of US $ 15 or Sw. Fr. 25.
The 5th Workshop of the WG will be organized in May 1991 at Wageningen (NL). 

**WG TRIHOGRAMMA AND OTHER EGGS PARASITIDS**


E. Waissberg, INRA Station de Zoologie, 47 boulevard du Coup, B.P. 3036, 66606 Antibes Cedes (France).

Trihogramma News 5, January 1990, 44 pp., has been distributed recently, and is still available from S. Hassan.

The 3rd international Symposium of this WG is to take place at San Antonio Texas (USA), September 23-27, 1990. Registration is requested before May 1 from S. A. Hassan, Dept. of Entomol., Texas A&M Univ., College Station Texas 77845 (USA).

**WG FRUIT FLEAS**

**ECONOMIC IMPORTANCE**

Chairman: P. Lledo Fernandez, CIES, Apartado Postal 36, Tapachula Chiapas 29200 (Mexico).

Asst. chairman: M. Aljai, Inst. de Ecologia, A.C. Xalapa, Mexico.

G. Delbrio, Int. Lutum. Agraria, Univ. degli Studi, Via E. de Nobili, 07110 Sanremo (Italy).

Over 120 participants will attend the International Symposium in Antigua Guatemala (Guatemala), October 14-16, 1990. Interested colleagues please apply in writing to the chairman.

**WG BIOLOGICAL CONTROL OF BRUCHIDS**

Chairman: A. van Doe, Inst. of Environ. Agric., Univ., P.O. Box 8031, 6700 EW Wageningen (NL).


A first newsletter will be prepared in March, as the time when a first expert meeting will be held in Tours (France). Interested scientists please contact the chairman.

**WG ECOLOGY OF APHIDLIPHAGA**


D. Ham, Dept. Entomol., Ohio State Univ., 1335 Neil Ave., Columbus Ohio 43210-1229 (USA).

The 4th meeting of this WG will be organized at Grollet (Hungary), September 2-5, 1990. The sessions will deal with the following topics: Food ecol. \ Life cycle strategies, Resistance to chemicals, Disruption on aphid populations and use in biological control, Natural enemies. To attend apply, before May 1 to L. Polgar, Dep. Zoal., Plst. Prot. Inst., P.O. Box 152, 1528 Budapest (Hungary).

**BIOLOGICAL CONTROL OF WEEDS**

The organizers of the 8th international Symposium on Biological Control of Weeds, due to be held in Lincoln (New Zealand), February 27-3, 1992, have issued a first circular. It includes a form asking likely participants to give an opinion on the affiliation of the Symposium to the global IOBC as a formal Working Group. The circular may be obtained from R. Hill, CSIR Plant Protection, Private Bag, Christchurch (New Zealand).

**BIOLOGICAL CONTROL OF PLUTELLA**

A proposal to establish a global Working Group deal- ing with the biological control of diamondback moth (Plutella xylostella) has been received. The need for such a WG will in particular be discussed during the 2nd international Workshop on the Management of diamondback moth, at Shawbost (Tasmania), December 10-14, 1990. A pamphlet presenting this Workshop, as well as copies of the detailed proposal may still be obtained from the Organizer, N.S. Tadd, CSIRO, P.O. Box 42, Shawbost Tasman 7413 (Tasmania). Please direct any comments on the proposal to the General Secretary.

**FROM REGIONAL SECTIONS**

**WEST PALAEOARCTIC REGIONAL SECTIONS** (WPRS/EP)

President: R. Cavalloro, Inst. Entomol. Agraria, Univ. degli Studi, Via Gradignano 8, 35013 Padova (Italy).

Secrétaire Général: S. H. Poisson, INRA Station Rech. Zoal., Domaine Saint- Paul, B.P. 91, 84413 Montpellier Cedex (France).

Bollettino SORP/WPRS Bulletin 1989 XII-6 (Working Group on Integrated Plant Protection in Orchards, Control of Potte Fruit Diseases), 540 + 7 pp., is available from the Librarian, Phytopathology, Universitätstr. 2, 8092 ETH Zürich (Switzerland).

Price Sw. Fr. 43.

PROFILE 10, 20 pp., was issued in December 1989 and may be obtained from the editor, A.K. Minks, Res. Inst. Plant Prot., P.O. Box 1068, 5200 GW Wageningen (NL).

**EAST PALAEOARCTIC REGIONAL SECTIONS** (EPRS)


Secretary-General: VI. Martynov (same address).

The General Assembly will be held May 21-26, 1990 in Uzhgorod (Ukraine), and the agenda includes reports of the Standing Committees and Working Groups, discussion of the activities for the next three years, and elections.
September 23-28, 1990. 6th International Bioindicat-
ion Symposium, Dublin (Ireland). For informa-
tion, write to D.M. Jeffrey, School of Botany,
Trinity College, Dublin 2 (Ireland).
September 26-29, 1990. International Symposium on
Aphidology and Conservation Issues in Tempe-
rate and Tropical Regions, Padova (Italy); Infor-
mation from M.G. Paolucci, Dept. Biol.,
University, Via Trieste 75, 35121 Padova (Italy).
September 25, 1990-June 7, 1991. Cours Supérieur
d’Aménagement Rural en Fonction de l’Environ-
nement, Saragossa (Spain). Inscriptions auprès
de IAM, Apartado 202, 50080 Zaragoza (Espagne).
April 15-26, 1991. Decision Tools for Pest Manage-
ment, Sherwood Park (UK). Apply to P. Comolli,
Director Cont. Educ., Rosen 321, Sheffield Hall-
wood, London SW7 2AZ (UK).

Montpellier, April 1, 1990

August 11-17, 1991. 2nd Quadrennial Meeting Inter-
national Society of Pyrethroidists, Sheffield
(uk). Enquiries from P.M. Marsh, Syst. Ent.,
Lab., USDA, US Nation. Museum NH 16-168,
Washington DC 20560 (USA).
June 28-July 4, 1992. XIX International Congress of
Entomology, Beijing, (China). Information from
Z.L. Zhang, 19 Zhenggeancaon Lu. Beijing 100080
(China).

VACANT POSITION—POSTE À POURVOIR

One BIOLOGICAL CONTROL specialist with
interest in population biology is required to per-
form research and teaching (Undergraduate and Master
levels) in Costa Rica. Send curriculum vitae and the
names of two referees to W.G. Eberhard, Biologist,
UCR, Ciudad Universitaria, Código Postal 2054,
Costa Rica.

Editor of this issue: J.P. Arscottimana

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