



**IOBC / WPRS  
OILB / SROP**

# PROFILE

**Internal Newsletter issued by the Publication Commission for the  
IOBC/wprs Council and Executive Committee**

**International Organization for Biological and Integrated Control of Noxious  
Animals and Plants – West Palearctic Regional Section**

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## The Presidents Page

During the spring of this year two meetings of considerable interest to IOBC/WPRS have taken place.

The far most important was a meeting in Brussels between members of IBMA (the International Biocontrol Manufacturer's Association), members of the Executive Committee of the WPRS Council and a handfull of "EU-people" including people attached to Commisioners and one member of the EU Parliament. The main topic was the discussion of how Integrated Production (and Integrated Plant protection) might fit into a larger EU frame.

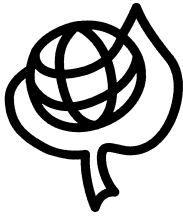
In that respect not much was achieved in more practical terms and one might feel ones more that it is difficult for WPRS to obtain the influence deserved. The discussions, however, revealed a most important aspect. *In many of the in-house papers on matters more or less related to Integrated Production publications of IOBC/WPRS were repeatedly used as background with or without proper references.*

Despite more clear attention would be nice seen from the one side nothing on the other side can make a president more happy on behalf of members of our organization than discovering that the underlying influence via written contributions from WG's and Commissions is much more pronounced than one dared hope. In addition this type of influence is well on line with the typical influence of the scientific side of the society in most cases.

The other meeting to mention was one at Jealotts Hill between the international company Syngenta (after merging of ICI and Novartis) as inviting partner, and a few WG and Comission Convenors and two members from of the Executive Committee of IOBC/WPRS. A number of presentations by Syngenta and a visit to "the IP-farm" demonstrated some level of disagreement between the WPRS concept of IP and the Syngenta perception. During an interesting discussion it was suggested by Syngenta that the two sides Syngenta and WPRS should work out a document of agreement on IPM and IP (Integrated Crop or Farm Management in the company terminology). This was kindly rejected by myself as President with the following reasoning. IOBC/WPRS cannot fruitfully make compromises and enter agreements on matters like the IP concept, neither with individual companies nor with associations. Further a believed advantage for the particular company may soon after be worthless. *Most important is, however, that IOBC/WPRS shall very carefully keep up a scientifically based integrity which will be eroded by the type of agreement suggested.*

Finally I hope that all members at the time of receiving this issue of Profile have enjoyed a refreshing vacation in the summer.

Peter Esbjerg



**International Organization for Biological and Integrated  
Control of Noxious Animals and Plants – West  
Palearctic Regional Section**

**Organisation Internationale de Lutte Biologique et  
Intégrée contre les Animaux et les Plantes Nuisibles –  
Section Régionale Ouest Paléarctique**

**IOBC/WPRS General assembly and  
scientific meeting  
“Biocontrol, the strategy of the future”**

Ascona, Ticino, Switzerland  
at the Centro Stefano Franscini, Monte Verità  
<http://www.csf-mv.ethz.ch/Official/>

**Friday 14 September until Wednesday 19 September**

The Executive Committee

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Last informations on our homepage:

<http://iobc.ethz.ch>

# **IOBC/wprs WORKING AND STUDY GROUPS**

## **Study Group “Induced resistance in plants against insects and diseases”**

1<sup>st</sup> International Conference on “Induced resistance in plants against insects and diseases” at Wageningen, 2001 – Report

The newly formed study group on “Induced resistance in plants against insects and diseases” held its first meeting from April 26 to 28, 2001 at the Wageningen International Congress Centre (WICC), Wageningen, The Netherlands. The conference was with about 115 scientists from 17 countries very well attended. It was the first time that entomologists, phytopathologists and plant physiologists met to discuss a common subject: the reaction that herbivore arthropods and plant pathogens induce in attacked plants. The conference brought researchers together working on fundamental, as well as applied aspects of induced resistance. It had set its goal to augment the understanding of the general and causal processes involved in induced defence reaction of plants against both, insects and plant pathogens, and to discuss their potential for practical plant protection.

The congress ran over three days and was structured into three sessions:

1. Cross-talk among herbivore- and pathogen-induced signal cascades.
2. Risks and benefits of induced resistance and induced tolerance.
3. General aspects of induced resistance and tolerance.

A total of 36 oral contributions and 27 posters covering these topics were presented. One evening, a workshop was organised with the title “Practical implication of induced resistance / induced tolerance into crop protection programmes: Where are we and where can we go?”

All participants agreed that the concept of bringing together entomologists, phytopathologists, as well as plant physiologists proved to be very fruitful. The discussion with colleagues in other, but related, fields of research created many new ideas and laid ground for new links and co-operations. Credit for the great success of the conference belongs to a large part to the smooth organisation by the convenor of the study group, Annegret Schmitt, and the local organiser, Marcel Dicke.

The study group will meet again in summer 2003, probably in Switzerland.

Jürg Huber (Liason Officer)

## **Working Group "Insect Pathogens and Insect Parasitic Nematodes"**

8<sup>th</sup> European Meeting of the Working Group, Athens, Greece,  
29 May - 2 June, 2001 – Report

Entitled "Entomopathogens and Insect Parasitic Nematodes: Current Research and Perspectives in Pest Biocontrol", the 8th European Meeting of the Working Group took place in Athens, Greece, 29 May - 2 June, 2001, together with meeting of COST Action 842 "Biological Control of Pest Insects and Mites, with Special Reference to Entomophthorales".

More than 100 people originated from 21 countries (including Canada, P.R. of China, Egypt, India, Israel, The Palestinian Authority, Turkey) attended the meeting. They appreciated the excellent organization, due to the Local Organizing Committee and especially its chairwoman, Dr Marie Anagnou-Veroniki, Benaki Phytopathological Institute, Kifissia, Athens.

The meeting included oral presentations and poster sessions. Most of them were devoted to fungi and nematodes, but there were contributions dealing with viruses, bacteria or microsporidia also. As parallel sessions, the meeting of the Management Committee of COST Action 842 as well as workshops of working groups within this action took place. Indeed, a full day workshop was organized on the topic "Sampling of Entomophthorales". Moreover, a professional meeting dealing with technical development, production, market development, etc. of nematodes was organized, whereas informations were given on the new COST Action (COST Action 850), which succeeded the previous COST Action dedicated to entomopathogenic nematodes (COST Action 819) which ended on 31 May 2000.

As regards the location of the next meeting of the Working Group, which will take place in 2003, the convener of the subgroup "Nematodes", Dr Ralf-Udo Ehlers (Department for Biotechnology and Biological Control, Institute for Phytopathology, Christian-Albrechts-University Kiel, Germany) has announced his willingness to organize it locally.

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## **IOBC/wprs Working Group „Pesticides and Beneficial Organisms“**

**European Standard Characteristics of Non-Target Regulatory Testing:** The WG has further been involved in the elaboration and finalisation of the “Guidance document on regulatory testing and risk assessment procedures for plant protection products with non-target arthropods”, based on the Workshop held at Wageningen, The Netherlands, from 21<sup>st</sup> to 23<sup>rd</sup> March 2000 (see Profile 29, 2000). The document is just in print.

**The next meeting of the WG** will take place in October 3-6, 2001 and will be held at the Istituto Agrario San Michele, San Michele, Trento, Italy. The local organizer will be Dr. DIEGO FORTI. It is intended to reserve the first day of the meeting (October 3) for subgroups and to have the full meeting from 4-6 October. For details look at the IOBC/wprs homepage.

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## **IOBC/wprs Working Group “Biocontrol of Phytopathogens”**

The Upcoming meeting of the "Biological control of fungal and bacterial plant pathogens" will be in Kusadasi, Pine Bay Hotel, Turkey, on 22 - 26 May, 2002.

**Subject: Influence of abiotic and biotic factors on biocontrol agents.**  
More details are given in Profile no 30. Please contact:

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**Visit** the web site of:

IOBC/wprs Phytopathogens Biocontrol WG Meeting in Kusadasi:  
[www.agri.gov.il/Depts/IOBCPP/CorFstTurkey.html](http://www.agri.gov.il/Depts/IOBCPP/CorFstTurkey.html)

## **IOBC/wprs Working Group**

### **“Integrated Plant Protection in Stone Fruit”**

Next meeting of the WG “Integrated Plant Protection in Stone Fruit” in Opatija (Croatia), from 14 - 16 October, 2001

The meeting follows that held in Llerida (Spain) in 2000 during the 5<sup>th</sup> International Conference on Integrated Fruit Production. For an alternation principle the choice of the place in Croatia has been done to promote the participation of researchers from Eastern Europe where stone fruit is very important.

The topics will deal with:

- General aspects of IFP
- Animal Pests
- Pathogens
- Weed Management
- Biological Control
- Other aspects of IFP

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## **IOBC/wprs Working Group “Integrated Control in Glasshouses, Temperate Climate”**

“Integrated Control in Glasshouses” – A joint meeting between IOBC/wprs and IOBC/nrs Glasshouse Working Groups  
7 - 10 May 2002, Victoria, British Columbia, Canada

A joint meeting of the IOBC/WPRS and NRS Glasshouse working groups – “IPM in glasshouses” – will be held in VICTORIA, British Columbia - Canada in 2002, 7 - 10 May. The meeting will feature 4 days of presentations and workshop discussions on Integrated Pest Management in Glasshouses, and will include a research tour of the dynamic glasshouse industry in southwestern British Columbia. The tour will provide an opportunity to see some 450 ha with vegetable and flower crops produced with IPM. The meeting will be organised like the previous meetings of our WPRS working group, including sending out the Bulletin to all participants before the meeting. There will be relatively few presentations at the meeting, with most of the time being devoted to discussions. Topics will, among others, include:

- Integrated pest and disease management in greenhouse crops (ornamentals, vegetables)
- Important and/or new pests and diseases
- New beneficials
- Intraguild predation
- GMO's – what are the issues for biological control?
- Decision support systems

**New ideas are welcome, please contact ANNIE ENKEGAARD**

The meeting will be restricted to 150 delegates, on a first-come, first serve basis. To be placed on a mailing list to receive further details, please contact the local arrangements chair.

Articles for the “Proceedings” have to be prepared before 7<sup>th</sup> of January 2002. Details for preparation will be sent to you in October 2001. Contributions will be limited to 4 pages maximum.

The meeting will be held in Victoria. The cost for this meeting (registration fee, meals, reception and banquet, tour and all facilities) for the four days will be \$375 CAN (\$243 US or 289 Euro, at current exchange rates). The cost for accommodation at the Laurel Point Inn, which is the

official hotel for the conference, will be \$95 CAN per night. Please note that the Laurel Point Inn is a non-smoking hotel, as are all hotels in Victoria. Addresses for Youth hostels and nearby alternative hotels will be provided with the registration package. However, note that the Laurel Point Inn has confirmed a very competitive rate for us.

The City of Victoria is located at the extreme west of British Columbia, on the Pacific Ocean. The climate in May is variable, and can range from 10 to 20 C, with occasional rain and wind. Travellers can arrive at Victoria by a number of routes. The simplest is to arrive at Victoria International Airport, which is a short distance from the city by limousine. Flight arrangements are least expensive if Victoria is designated as the flight terminus. Alternatives to Victoria are Vancouver International Airport, and a four hour journey to Vancouver Island by ferry. Remember that Victoria is on Vancouver Island, but the City of Vancouver is not. Finally, the most complex route is to arrive in Seattle, then take either a shuttle flight to Victoria, or a ferry from Seattle to Victoria.

If you are planning to stay in British Columbia for a short while before or after the conference, be sure you plan your activities well in advance. British Columbia is well known for outdoor adventures, and tour packages should be reserved ahead. In May, hiking on the coastal trails, kayaking, sailing and golfing are popular activities at this time of year. The spring skiing will be over, except of the highest mountains. The high alpine meadows will still be snow covered, but the low elevation wild flowers will be at their peak. Trout fishing on the lakes will be possible, and in a warm year, could be at its peak. Salmon fishing is generally slow in May, but those willing to invest in time with an experienced guide would be rewarded.

Information package with application forms will be made available at the beginning of October. This will include the final registration costs, which will be no higher than above. More information on points of interest in the area, and detailed travel options will also be provided. In the meantime, you might find these websites useful:

<http://www.hellobc.com/index.jsp> (British Columbia )

<http://www.hellobc.com/bcescapes/cities/cityvic.jsp> (Victoria)

See also:

[http://www.agrsci.dk/plb/iobc/iobc\\_home.htm](http://www.agrsci.dk/plb/iobc/iobc_home.htm)

To receive further information send your address and e-mail to:

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For further information on the WG please contact:

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## **IOBC/wprs Commission**

### **“Integrated Production, Guidelines & Endorsement”**

#### **Sustainable Agriculture today:**

#### **IOBC endorsement procedure shows its teeth**

IOBC (International Organisation for Biological and Integrated Control) founded in 1956 and establishing internationally accepted concepts and standards for integrated production since 1976 has once more taken the necessary steps to clarify and demonstrate its position with respect to the current situation in the food sector. Taking note of the wide-spread irritation of the consumers' community by increasing evidence and reported cases of bad quality and production procedures of our food IOBC maintains and re-emphasises its traditional position that food has to provide more than mere good external quality and cheap price.

Whereas in most cases market takes care of the **external quality** of agricultural products, sustainable production systems endorsed by IOBC must consider as well 4 additional but for the consumers largely **invisible quality traits** of production, processing procedures and working conditions that provide the essential components of the overall quality of food and fibre:

- **Internal product quality** (chemical, physical, organoleptic)
- **Ecological quality** of production and processing
- **Ethical quality** of production, processing and conduct of people involved
- **Socio-economic quality** of production, processing and working conditions of people involved.

Based on these considerations the “IOBC Commission of IP-Guidelines and Endorsement” has redefined on March 31, 2001 its “Admission Criteria for IP-Organisations seeking IOBC Endorsement”. All relevant IOBC documents concerning Integrated Production (e.g. Concepts and General Technical Guidelines; Crop specific Guidelines for the Integrated Production of pome fruits, stone fruits, soft fruits, grapes and arable crops; most recent admission criteria) can be obtained directly on internet from the website of the IOBC Commission

[www.admin.ch/sar/faw/iobc.html](http://www.admin.ch/sar/faw/iobc.html)

or from its secretariat located at the Swiss Federal Research Station, CH-8820 Wädenswil, Switzerland (E.F. Boller).

International acceptance within and outside Europe of IOBC concepts and standards is not only documented by the recent establishment of French national IP-guidelines for viticulture according to IOBC but also by the first IOBC endorsement of an IP-grape-growers' association in North America (LIVE, Oregon, April 9, 2001. Growing interest in the modern IOBC approach also identified in Eastern Europe and in more remote geographic areas such as Latin America, Australia and New Zealand confirms that IOBC standards continue to provide important land-marks.

Press Release (18 April 2001)

E.F. Boller (Convenor of the Commission)

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**IOBC/wprs Study Group**

**“Integrated Protection in Quercus spp. Forests”**

### 3<sup>rd</sup> Meeting in Oeiras – Lisboa (Portugal), 01 - 04 October 2001

The first meeting of this study group was held in Sardinia in September 1994. The experts working on Mediterranean cork oak forests shared results and elaborated common research programs. The second meeting was held in Marocco in October 1998 in order to increase contacts between scientists from Europe and Maghreb countries, which are particularly concerned by the aggravation of the oak forest decline. The aim of this third meeting is to assess the actual phytosanitary situation of the oak stands and to share the results of the recent works.

The topics of the third meeting are:

- phytosanitary situation of the Mediterranean oak stands
- decay factors (climatic, physiological, socio-economic, etc.)
- biology and impact of pathogenous fungi
- biology and impact of insect pests
- modelling and forecasting of the pest population dynamics
- natural enemies, biological and integrated control
- forest management

Registration fees (500 FF, 16000 escudo) will be paid on the first meeting day. They include the lunches and an excursion on September, 28th. Dinner and accomodation are at the expense of the participants.

The meeting is open first of all to IOBC members (any persons covered by the membership of their employing institution or carrying individual membership) but also to non members. However non members will not get a free copy of the proceedings of the meeting published in the IOBC/wprs bulletin. At the time of the registration, participants of the meeting can order one or more copies of the bulletin.

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For more details see: Profile 30, January 2001.

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**IOBC/wprs Working Group**  
**“Integrated Control of Soil Pests“**  
***Melolontha* Subgroup**

3<sup>rd</sup> Meeting of the *Melolontha* subgroup of the IOBC/WPRS working group “Integrated control of soil pests“ will be held at Aosta, Italy, 24-26 September 2001

The meeting will cover the following topics: 1. Biology, distribution, damages; 2. Ecology, population dynamics, antagonists, natural regulation; 3. Biological control and biocontrol agents; 4. Integrated control; 5. Other scarab and related soil coleopteran pests; 6. Varia.

For more information please contact:

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**Meeting of the IOBC/wprs Working Group**  
**“Integrated Protection of Stored Products”**

Lisbon, Portugal, September 2-5, 2001

The objectives of this conference are to report on new developments in integrated stored product protection, stressing non-toxic methods of pest prevention, detection and control. This is done to support the communication of new methods that help to reduce the use of residue building pesticides, as well as to reduce risks to the user, the consumer and the environment.

In Lisbon, the local organiser of this meeting is A. MEXIA, Centro de Estudos de Fitossanidade de Armazenamento(CEFA), Instituto de Investigacao Cientifica Tropical (IICT).

The presentations of our last meeting in Berlin have been published in the IOBC/wprs Bulletin Vol. 23 (10), 2000.

For last informations, please contact the convenor:

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## **IOBC/wprs Officers and their addresses**

All officers are asked to send corrections and additions to this compilation of addresses to the editor of *Profile* and/or to the treasurer.

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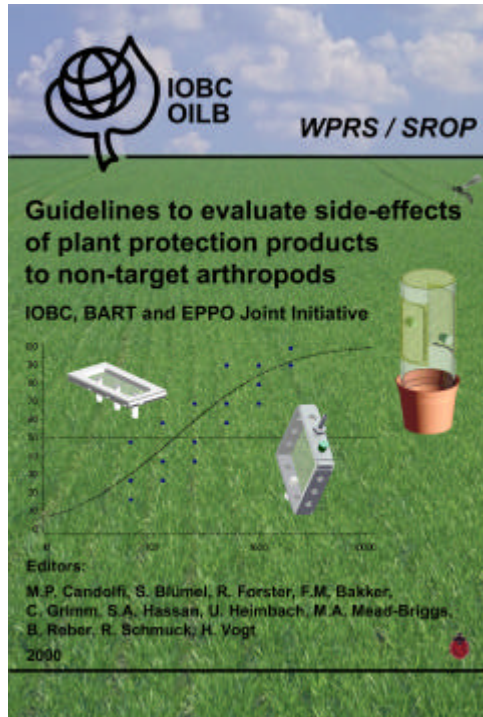
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# New IOBC/wprs Publications

We are glad to announce a very important new IOBC/wprs book



M.P. CANDOLFI, S. BLÜMEL, R. FORSTER et al. (2000):

Guidelines to evaluate side-effects of plant protection products to non-target arthropods. IOBC, BART and EPPO Joint Initiative.

IX + 158 pp., Gent, IOBC/wprs, ISBN: 92-9067-129-7. Price: € 15,00 including surface mail. You may order the book by letter, fax or e-mail from:

Dr. Horst Bathon, Institute for Biological Control,  
Heinrichstrasse 243, D-64287 Darmstadt, Germany  
Fax ++49-6151-407290, E-mail: h.bathon.biocontrol.bba@t-online.de

From the Preface:

Side effect testing on terrestrial non-target arthropods (NTA) for registration of plant

protection products in the European Union (EU) is currently conducted according to the Council Directive of 15<sup>th</sup> July 1991 concerning the placing of plant protection products on the market (91/414/EEC) (Council of the European Union, 1991, updated by the Commission Directive 96/12/EC, Council of the European Union, 1996). The directive refers to the first SETAC/ESCORT Guidance Document on regulatory testing procedures for pesticides with non-target arthropods (Barrett *et al.*, 1994) and to the EPPO/CoE Arthropod Natural Enemies Risk Assessment Scheme (EPPO, 1994) for non-target arthropod testing methodology and risk assessment, respectively. The SETAC/ESCORT Guidance document and the EPPO risk assessment scheme are currently being updated and should provide a simplified and better tuned tiered testing and assessment procedure which optimises the data requirements and gives realistic decision criteria and trigger values for both in-field and off-field risk assessments (Candolfi *et al.*, 2001; EPPO, 2001).

The above mentioned guidelines and guidance documents outline the basic testing principles however, they do not provide detailed description of testing methodology. Therefore, IOBC, BART and EPPO decided in 1994 to set up a Joint Initiative (JI) with the aim to develop and validate test methods to assess side-effects of plant protection products to non-target arthropods for registration purposes. The activities of the JI started in 1995 with the creation of several working groups for the development and standardization of testing procedures. Interim reports of the working groups (list of working groups is presented below) were presented at an international conference in 1996 (Ecotoxicology, Pesticides and Beneficial Organisms, Cardiff, UK, 14-16 October 1996) and published in 1998 (Haskell and McEwen, 1998). The JI also organized an international meeting held in Versailles (France) on the 25-26 October, 1999, with the aim of setting up general guidelines for semi-field and field testing. This resulted in the publication of a guidance document for regulatory testing and interpretation of semi-field and field studies with non-target arthropods (Candolfi *et al.*, 2000).

The JI ring-testing activities were co-ordinated by a Steering Committee [M.P. Candolfi (BART representative, previously represented by S. Storck-Weyhermüller), S. Blümel (IOBC representative) and R. Forster (EPPO representative)] and the working group leaders were responsible for the development and validation of the test methods. 27 laboratories from agrochemical industry, regulatory authority, academia and contract research organisations participated in this validation exercise. Validation of the test methods was performed in the past 5 years by ring-testing the methods in several laboratories and/or using historical GLP data generated for registration purposes. The methods presented in this book describe the test system, treatments, validity criteria of the study, information on test organisms, test procedures, test conditions, biological observations, data analyses and reporting for selected terrestrial non-target arthropods.

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## IOBC/wprs Commission

### “Identification Service of Entomophagous Insects”

The “Determination List of Entomophagous Insects”, No. 14 will be published as *IOBC wprs Bulletin* late in 2001. The list is edited by

Hannes Baur, who succeeded Stephan Vidal as convenor of the Commission. The Determination List No. 13 had been published in 1997 as IOBC wprs Bulletin 20(2).

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## New IOBC wprs Bulletins

The Publication Commission of the IOBC/wprs has issued the following Bulletins in 2001 (including the Contents of the Bulletins). – For issues in the year 2000 see also Profile 30: 40-47 (2001).

The regular prices for the Bulletins are  
 – up to 100 pages: 10 EURO per copy  
 – up to 300 pages: 15 EURO per copy  
 > 300 pages: 30 EURO per copy.

### IOBC/wprs Bulletin Vol. 24(1) 2001

“Tri-trophic interactions in the rhizosphere and root-health nematode-fungal-bacterial interrelationships”. Study Group ‘Integrated Control of Soil Pests”, Proceedings of the meeting at Bad Honnef (Germany), 3-5 November, 1999. vi + 172 pp. Edited by: R. Sikora. ISBN 92-9067-130-0

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“Biocontrol Agents: Mode of Action and Interaction with other Means of Control”. Working Group “Biological Control of Fungal and Bacterial Plant Pathogens”, Proceedings of the meeting at Sevilla (Spain), 30 November - 3 December, 2000. xxvi + 376 pp. Edited by: Y. Elad, S. Freeman & E. Monte. ISBN 92-9067-132-7.

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- just in print -

Working Group “Integrated Control in Cereal Crops”, Proceedings of the meeting at Gödöllő (Hungary), 9 - 12 September, 1999. vi + 173 pp. Edited by: Chr. Borgemeister & H.-M. Poehling. ISBN 92-9067-135-8.

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Working Group "Integrated Control in Viticulture", Proceedings of the meeting at Ponte de Lima (Portugal), 3 - 7 March, 2000. xix + 319 pp.  
 Edited by: Carlo Lozzia. ISBN 92-9067-136-6.

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Individual members receive the Bulletins produced by **5 Working or Study Groups** of their choice. They may order additional Bulletins by the treasurer:

Dr. Cesare Gessler, Phytomedicine / Pathology  
 Universitätsstr. 2, CH-8092 ETH Zürich (Switzerland)

### **Other interesting publications brought to attention of Profile**

KLEESPIES, R.G., A.M. HUGER & D. STEPHAN (2000): Diagnosis and pathology of diseases from locusts and other orthopterans. – 43 pp., 22 fig., Eschborn (Deutsche Gesellschaft für Technische Zusammenarbeit GmbH). Supply: GTZ, Project "Locust Control Africa", Beatrice Bournonville, P.O.Box 5180, 65726 Eschborn, Germany, Tel ++49/6196/79-1435, Fax - 7413, e-mail: Beatrice.Bournonville@gtz.de

LOCKWOOD, J.A., M.F. PURCELL & F.G. HOWARTH (2001): Balancing Nature: Assessing the impact of importing non-native biological control agents (An international perspective). – 142 pp., Entomological Society of America (ESA), Lanham, MD 20706 (USA), ESA Members \$ 28.00, Nonmembers \$ 35,00 plus S&H (ISBN 0-938522-93-0).

The book is based on presentations made at the XX International Congress of Entomology, Florence (Italy) 1996.

### **Newsletter on locust and grasshopper biocontrol**

David Hunter and Chris Lomer have produced a Newsletter on locust and grasshopper biocontrol. Persons concerned may ask Chris Lomer for mailing the newsletter:

Chris Lomer, KVL, Institut for Økologi, Zoology Sect., Thorvaldsenvej 40, 1871 Frederiksberg, Copenhagen, Denmark, <http://clomer.adr.ak>  
 e-mail: [clo@kvl.dk](mailto:clo@kvl.dk), [clomer@yahoo.co.uk](mailto:clomer@yahoo.co.uk)

## Time-Table of forthcoming events

For the Meetings of the IOBC/wprs Working and Study Groups see also the IOBC/wprs homepage:

<http://iobc.ethz.ch>

- 02 – 05 September 2001: Meeting of the IOBC/wprs Working Group "Integrated Protection of Stored Products" in Lisbon, Portugal. – Dr. C. Adler, Institute for Stored Product Protection, BBA, Koenigin-Luise-Str. 19, D-14195 Berlin, Germany, e-mail: [c.adler@bba.de](mailto:c.adler@bba.de)
- 03 – 04 September 2001: Meeting of the IOBC/wprs Working Group "Integrated control of Soil Pests", Subgroup "Integrated control of plant parasitic nematodes", Reading, UK. – Dr. Simon Gowen, Department of Agriculture, University of Reading, Early Gate, Reading RG6 6AT, UK, e-mail: [s.r.gowen@reading.ac.uk](mailto:s.r.gowen@reading.ac.uk)
- 10 – 11 September, 2001: 3rd International Conference focusing on the "Behaviour of Pesticides in Plants, Soils, Ground and Surface Water", Bonn, Germany. – Akademie Fresenius GmbH, Tel +49 (0)231-7589681, e-mail: [mailto:smummenbrauer@akademie-fresenius.de](mailto:mailto:smummenbrauer@akademie-fresenius.de); <http://www.akademie-fresenius.de/Pesti1.html>
- 14 – 18 September, 2001: General Assembly IOBC/wprs, Monte Verità, Ascona, Switzerland (see also pages 3-21 in Profile 30 and our homepage).
- 17 – 21 September, 2001: 3rd meeting of the IOBC/WPRS Working Group "Integrated Plant Protection in Orchards", Subgroup "Soft Fruits", Dundee, Scotland. – [www.scri.sari.ac.uk/assoc/IOBC2001](http://www.scri.sari.ac.uk/assoc/IOBC2001), Stuart C Gordon, Scottish Crop Research Institute, Invergowrie, Dundee DD2 5DA, Scotland (UK), Tel: +44 (0)1382 562731, Fax: +44 (0)1382 562426, e-mail: [SC.Gordon@scri.sari.ac.uk](mailto:SC.Gordon@scri.sari.ac.uk) or the Scientific Secretary of the Sub Group, Darius Gajek, Institute of Pomology & Floriculture, Pomologiczna 18, 96-100 Skierniewice (Poland), Tel: +48 46 334223-27, e-mail: [dgajek@insad.isk.skierniewice.pl](mailto:dgajek@insad.isk.skierniewice.pl)
- 17 – 21 September, 2001: 1<sup>st</sup> International Symposium on Biological Control of Arthropods, Honolulu, Hawai. – Dr. Roy van Driesche, Dept. Entomology, University of Massachusetts, Amherst, MA 01003, Tel 4135451061, e-mail: [vandries@fnr.umass.edu](mailto:vandries@fnr.umass.edu), web: [www.biocontrol.ucr.edu/isbca](http://www.biocontrol.ucr.edu/isbca)
- 24 – 26 September, 2001: 3<sup>rd</sup> Meeting of the "Melolontha SG" of the IOBC/wprs Working Group "Integrated Control of Soil Pests", Subgroup Integrated Control of *Melolontha*, Aosta, Italy. – Dr. Siegfried Keller, Federal Research Station for Agroecology and Agriculture, Postfach, CH-8046 Zurich, Switzerland, e-mail: [siegfried.keller@fal.admin.ch](mailto:siegfried.keller@fal.admin.ch)
- 25 – 28 September, 2001: 3<sup>rd</sup> Meeting of the IOBC/wprs Study Group "Integrated Protection in Quercus spp. Forests", Oeiras, Portugal. – Claire Villemant,

Laboratoire d'Entomologie MNHN, Service Hyménoptères, 45 rue Buffon, F-75005 Paris (France), Tel: +33-[0]1-40-79-38-41, Fax: +33-[0]1-40-79-36-99, e-mail : villeman@mnhn.fr

- 03 – 06 October 2001: Meeting of the IOBC/wprs Working Group „Pesticides and Beneficial Organisms“, Istituto Agrario San Michele, San Michele, Trento, Italy. – Dr. Heidrun Vogt, BBA, Institute for Plant Protection in Fruit Crops, Schwabenheimerstr. 101, D-69221 Dossenheim (Germany), Tel +49 (0) 6221/8680530, Fax +49 (0) 6221/8680515, e-mail: Heidrun.Vogt@urz.uni-heidelberg.de
- 09 – 11 October 2001: Deutscher Tropentag 2001 (Conference on Tropical and Subtropical Agriculture and Forestry). One World: Research for a Better Quality of Life in the Tropics, Bonn, Germany. – Richard Sikora and Mathias Becker, Rheinische Friedrich-Wilhelms-Universität, 53115 Bonn, Tel +49 (0) 228/73-2439, -4001, Fax -2489, e-mail: dtt2001@uni-bonn.de, Web: www.uni-bonn.de/ dtt2001/htm
- 15 - 17 October 2001: Meeting of the IOBC/WPRS Working Group "Integrated Control in Field Vegetables", Krakow Agricultural University, Poland. – Prof. Dr. Stefan Vidal, Institute for Plant Pathology and Plant Protection, Georg-August-Universität Göttingen, Grisebachstrasse 6, D-37077 Göttingen, Germany, Tel. +49-551-399744, Fax +49-551-393730, e-mail: svidal@gwdg.de
- 12 – 15 November 2001: Weeds 2001, BCPC, Brighton, UK. – www.bcpc.org
- 08 – 12 December, 2001: 9th meeting IOBC/wprs Working Group "Breeding for Resistance to Insects and Mites“, Röstänga, southern Sweden. – Dr. Inger Åhman or the secretary Mrs Henny Möller, Svalöf Weibull AB, SE-268 81 SVALÖV, Sweden, Tel +46 418 667000, Fax +46 418667219, e-mails: inger.ahman@swseed.se henny.moller@swseed.se [Convenor of the WG: Dr. Nick Birch, Scottish Crop Research Institute, Invergowrie, Dundee DD2 5DA, Scotland, UK, Tel +44 (0)1382 562731, Fax +44 (0)1382 562426, e-mail: N.Birch@scri.sari.ac.uk].

## 2002

- 04 – 07 February 2002: International Conference on impacts of Agricultural Research and Development, San Jose, Costa Rica. – Information : impacts@cgiar.org
- 04 – 07 March 2002: 2ème Conférence Internationale sur les moyens alternatifs de lutte contre les maladies et les ravageurs des végétaux. Lille, France. – Secrétariat du colloque: Station d'Etudes sur les Luttés Biologique, Intégrée et Raisonnée, 21, rue Becquerel, BP 74, F-62750 Loos-en-Gohelle, France, Tel +33/3-21086290, Fax +33/3-21086495, e-mail: fredec.nord.pas-de-calais@wanadoo.fr (Deadline for presentations:

15 June 2001)

- 08 - 11 May, 2002: "Integrated control in Glasshouses", a joint meeting between WPRS and NRS Greenhouse Working Groups, Victoria, BC, Canada. – D.R. Gillespie, Pacific Agri-Food Research Centre, Agriculture and Agri-Food Canada, P.O. Box 1000, Agassiz, British Columbia, Canada V0M 1A0; Fax (604) 796-0359, e-mail: gillespied@em.agr.ca
- May 2002: 7<sup>th</sup> Meeting of the IOBC/wprs Working Group "Biological Control of Fungal and Bacterial Plant Pathogens": *Influence of A-Biotic and Biotic Factors on Biocontrol Agents*, Kusadasi, Turkey. – Yigal Elad, e-mail: elady@netvision.net.il
- 11 – 17 August, 2002: 26<sup>th</sup> International Horticultural Congress & Exhibition, Toronto, Canada. – IHC2002 c/o Congress Canada, 49 Bathurst St., Suite 100, Toronto, Ontario, CANADA; M5V 2P2. Tel +416/504-4500, e-mail: IHCreg@congresscan.com, Web: www.ihc2002.org.
- 31 August - 05 September, 2002: 6th International IOBC/wprs Workshop of Pome Fruit Diseases, Lindau/Bodensee, Germany. – Local organizer, non-scientific programme: Peter Triloff, Marktgemeinschaft Bodenseeobst, Albert Maierstr. 6, 88045 Friedrichshafen, Germany: Tel:+49/(0)7541/501030; Mobile 41/(0)7541/501088, Fax:+49/(0)171/8298032, e-mail: peter.triloff@t-online.de  
Scientific programme, abstract book, proceedings: Cesare Gessler, Institute of Plant sciences Universitätsstr. 2 CH -8092 ETH-Zürich Tel: +41/1/6323871 e-mail: cesare.gessler@ipw.agrl.ethz.ch
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