



**IOBC / WPRS
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PROFILE

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

<http://www.iobc-wprs.org>

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

ISSUE Nr. 43

July 2007

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The Presidents Page

Twenty working groups and four commissions are presently active under the IOBC/WPRS, and together they are producing each year ten to twelve Bulletins with a total of 2000 – 2500 pages. This is a considerable effort and a substantial contribution to the progress of biological control and to the applied biological sciences at large. Although publications of the Bulletins are not peer reviewed, they are in general of good quality and serve the purpose of fast and widespread distribution of new findings among the biocontrol and IPM community. Editing articles submitted to the Convenors is made by the convenors themselves, by sub-convenors and by associate working group members willing to contribute to a higher quality of the Bulletins. Improving articles by critically reviewing contents and also correcting the English is sometimes an additional major task for editors, and it is an invaluable help to those colleagues who are not of native English tongue. This 'service for free' is a tremendous effort and time investment offered to colleagues within the WPRS. Each Bulletin is the final result of joint efforts of Working Group/Commission members, editors and the Publication Commission, and it proves the strong will to spread novel information and knowledge generated and aggregated within the IOBC/WPRS. All those who contribute to the continuous release of WPRS Bulletins and to their recognition by our stakeholders deserve a great 'thank you'. The Bulletins are the most visible and regularly released products of WPRS and hence, they have become a 'WPRS brand' which needs to be fostered. Improving the Bulletins to satisfy changing demands of our stakeholders and to better visualise them is a constant endeavour for the Council. It is a great challenge to find the balance between a good product at reasonable costs and increasing quality demands of the reader. It was a clear step forward when the table of contents of each Bulletin became accessible on the WPRS website some years ago. This is not the end yet, and the Council is presently evaluating possibilities of including all abstracts or even the whole Bulletin on the web with limited access.

'Profile' is the newsletter of WPRS and is published twice a year. The purpose of 'Profile' is to inform our stakeholders about on-going activities of WPRS Working Groups, Commissions and the Council, and to share information on other events of interest for the members. However, 'Profile' can be an attractive tool only if everyone (Convenors, Council and any other member of WPRS) sends information to the editor of the newsletter, Horst Bathon, whose work for 'Profile' depends mainly on your contributions. It is an often heard but wrong argument that your news is not of interest to other WPRS members. I would like to encourage you to send Horst not only all your activity reports, but also any note, remark, personal opinion and statement that could be of interest for our stakeholders. I thank you for your future contributions!

Franz Bigler

IOBC/ WPRS

Commissions, Working groups, Study groups

January, 2007

Commissions	Convenor	Liaison
Publications	BATHON H. / TIRRY L.	
Determination and identification of entomophagous insects and insect pathogens	BAUR H. / KLEESPIES R.	
Guidelines for integrated production	AVILLA J.	ALBAJES R.
Harmonized regulation of biological control agents	BALE J.	BIGLER F.

Working groups and Sub Groups (SG)

Integrated protection of fruit crops	CROSS J.	SIGSGAARD L.
<i>SG soft fruits</i>	LINDER CHR.	
<i>SG pome fruit arthropods</i>	IORIATTI C. AVILLA J.	
<i>SG IFP guidelines</i>	MALAVOLTA C.	
<i>SG pome fruit diseases</i>	ROSSI V.	
<i>SG stone fruits</i>	MOLINARI F.	
Pesticides and beneficial organisms	VOGT H.	BIGLER F.
Breeding for plant resistance to pests and diseases	BIRCH N.	TIRRY L.
Pheromones and other semiochemicals in integrated production	WITZGALL P.	VOGT. H.
Multitrophic interactions in soil	STEINBERG C.	WHIPPS J.
Integrated protection in viticulture	LOZZIA C.	BLUEMEL S.
<i>SG grape berry moths and chewing insects</i>	THIÉRY D.	
<i>SG mites and sucking insects</i>	MAIXNER M.	
<i>SG physiological diseases</i>	CLERJEAU M.	
<i>SG side effects of pesticides</i>	SCHIRRA K.J.	
Integrated protection in oilseed crops	KOOPMANN B.	EKBOM B.
<i>SG pathology</i>	KOOPMANN B.	
<i>SG entomology</i>	COOK S.	

Integrated protection of field vegetables	COLLIER R.	VIEIRA M.M.
Integrated control in protected crops, temperate climate	ENKEGAARD A.	BESRI M.
Integrated control in protected crops, Mediterranean climate	CASTANE C.	WEINTRAUB P.
Insect pathogens and entomoparasitic nematodes	EHLERS R.	HUBER J.
<i>SG fungi</i>	TKACZUK C.	
<i>SG entomoparasitic nematodes</i>	GLAZER I.	
<i>SG virus</i>	LOPEZ-FERBER M.	
<i>SG soil insect pests</i>	ENKERLI J.	
<i>SG slugs and snails</i>	SYMONDSON W.	
Integrated control of plant pathogens	ELAD Y.	NICOT P.
Integrated protection in oak forest	SOUSA E.M.	VILLEMANT C.
<i>SG fungi</i>	FRANCESCHINI A.	
<i>SG forest management</i>	BENJAMAA M.	
Integrated protection of stored products	NAVARRO S.	WEINTRAUB P.
Integrated protection of olive crops	KALAITZAKI A.	MALATHRAKIS N.
Integrated protection of citrus crops	GARCIA MARI F.	BESRI M.
Induced resistance in plants against insects and diseases	SCHMITT A.	HUBER J.
GMO's in integrated plant production	ROMEIS J.	BIGLER F.
Landscape management for functional biodiversity	POEHLING M. / ROSSING W.	EKBOM B.

Study group

Integrated control of mite pests	WEINTRAUB P.	BLUEMEL S.
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CONVENOR'S HANDBOOK

The intention of the handbook is to give guidance to Convenors of IOBC/WPRS Working Groups and Commissions to many questions occurring when leading a WG or a Commission. The first edition dates back to about 1998. Many thanks to the former Executive Committee for the excellent elaboration of the Handbook. Since then, the Handbook was regularly revised. In order to make it even more convenient and easier to read as well as due to the availability of a lot of information on the IOBC website meanwhile, the present Executive Committee has again revised the Convenor's Handbook. It is now available on the IOBC website:

www.iobc-wprs.org/IOBCWPRSHAND_2007_07_13_final.pdf.

The Handbook is an invaluable and helpful tool for managing Working Groups and Commissions, and we encourage all Convenors to consult the Handbook regularly.

Heidrun Vogt
on behalf of the Executive Committee

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IOBC/wprs COMMISSIONS AND WORKING GROUPS

Working Group "Integrated Control in Protected Crops, Temperate Climate" Next meeting: "Integrated Control in Glasshouses and Outdoor Nursery Stocks", 21-25 April, 2008, Sint Michielsgestel, The Netherlands

The IOBC/WPRS Working Group "Integrated Control in Protected Crops, Temperate Climate" will meet on the 21-25 April 2008, in Sint Michielsgestel, The Netherlands. The meeting will feature 4 days of presentations and workshop discussions on integrated pest and crop management in glasshouses, and will include a research tour to the most modern greenhouses with state of the art IPM and the most innovative greenhouse industry projects. The last day of the meeting (25 April) will be dedicated to the topic "IPM in outdoor nursery stocks". Emphasis will be on outdoor IPM-strategies for pest control, but contributions of IPM-enhancing methods for control of diseases and weeds are likewise welcome.

It will be possible to participate in 1) the part of the meeting dealing only with IPM in glasshouses (21-24 April), or 2) the whole meeting (21-25 April). Expected maximum costs for these two types of attendance are 1) 500 Euro, 2) 550 Euro. Costs include meals, conference facilities and excursion. Accommodation will be 145 Euro and double rooms 185 Euro.

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. Topics will, among others, include:

- Integrated pest management in greenhouse crops (ornamentals, vegetables, nursery stocks)
- IPM in outdoor nursery stocks
- Banker plants / insectary plants
- Pest management in organically grown greenhouse crops
- Important and/or new pests; and beneficials
- Registration and quality control
- New greenhouse technologies and their impact on IPM / biocontrol
- IPM-elements (host plant resistance, SOS-signals, etc.)

New ideas are welcome, please contact ANNIE ENKEGAARD

Articles for the "Proceedings" have to be prepared before 1st December 2007. Details for preparation will be sent to you this autumn. Contributions will be limited to 4 pages maximum.

Further specifications re. cost for the meeting, application forms, travel instructions, etc. will likewise be sent to you this autumn and is available on the website: www.iobcgreenhouse2008.com

The meeting will be restricted to 120 participants, on a first-come, first served basis. To be placed on the mailing list to receive further details, please contact:

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Local organisers

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Marieke van der Staaij

Wageningen UR Greenhouse Horticulture

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Jeroen van Schelt

Koppert Biological Systems

Anton van der Linden

Applied Plant Research

Division Flower Bulbs and Nursery Stock

IOBC/WPRS WG Convenor

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iobc_home.htm

Working Group “Integrated Control in Viticulture” Meeting in Marsala (Italy: Sicily), 25-27 October, 2007

Dear Colleagues,

on behalf of the International Organization for Biological and Integrated Control of Noxious Animals and Plants (IOBC), West Palearctic Regional Section (WPRS), you are cordially invited to participate to the next meeting of the IOBC/WPRS Working Group on “Integrated Control in Viticulture”, that will be held in Marsala (Sicily) from 25th to 27th October 2007.

The meeting is organized by the Section of Entomology, Acarology and Zoology of the Dipartimento di Scienze Entomologiche, Fitopatologiche, Microbiologiche agrarie e Zootecniche (SENFIMIZO) (University of Palermo) with Consorzio Universitario di Trapani.

All technical sessions, both oral and poster, will be held at the facilities of the “Complesso Monumentale San Pietro” in Marsala on 25th and 26th October 2007. On the third day, October 27th 2007, an excursion will take place to show the participants the “*Via del vino*”: a few old and historical wineries and some vineyards will be visited to get in touch with some aspects of Sicilian viticulture.

The conference will cover all aspects of IPM in modern viticulture in relation to pests, pathogens and weeds.

In this second announcement of the Meeting you will find details about the major technical points (registration and fee, hotel booking plan, instructions for authors, etc.).

The Organizing Committee invites all participants to complete the Registration Form and respect the deadlines.

Please visit our web site at <http://www.iobc-wg-viticulture.org> for regular updates and information, and do not hesitate to contact the Administrative (info@iobc-wg-viticulture.org) or organizers (ragusa@iobc-wg-viticulture.org, tsolakis@iobc-wg-viticulture.org) with any questions or requests for assistance you may require in planning your attendance at the Meeting.

The registration form should be sent to the local organizers by e-mail (info@iobc-wg-viticulture.org), before June 30th 2007. You can also do it online (<http://www.iobc-wg-viticulture.org>).

Looking forward to meeting you in Sicily,
Yours sincerely,

Local organizers: *S. Ragusa, H. Tsolakis*
Convenor: *G.C. Lozzia*
Liaison officer: *S. Bluemel*

LOCATION OF THE MEETING

The Meeting will be held at the facilities of the “Complesso Monumentale S. Pietro” located in the center of Marsala.

The meeting will cover the following aspects:

- grape berry moths and chewing insects;
- mites and sucking insects;
- fungal and bacterial diseases;
- physiological diseases;
- side effects of pesticides on beneficials;

- soil management and weed control;
- biological and biotechnical control methods;
- biodiversity in viticulture.

REGISTRATION AND FEES

Registration will not be processed without accompanying payment of fees. The registration covers entry to scientific sessions, transport from/to Trapani Birgi airport, excursion, copy of programme, booklet with abstracts, coffee breaks, lunches, social dinner and visit to the “Via del vino”.

	After June 30
Regular Participants	€ 200.00
Students (A student card or certificate is required)	€ 150.00
Accompanying person	€ 150.00

Accompanying person fee includes transport from/to Trapani Birgi airport, touristic excursions, social dinner and visit to the “Via del vino”.

REGISTRATION FORM: www.iobc-wg-viticulture.org.

PAYMENT

– BANK TRANSFER

**Dipartimento di Scienze Entomologiche Fitopatologiche,
Microbiologiche e Zootecniche**

Bank: Banco di Sicilia

Country: Italy

Account number: 7579

Cin: N

ABI: 01020

CAB: 04663

IBAN: 47N0102004663000000007579

Swift Code: BSILITRRPA1

– **CREDIT CARD:** you can pay with credit card using the link present in the web site of the Meeting (<http://www.iobc-wg-viticulture.org>).

Please make sure that all charges are paid and send a copy of the bank draft or of the payment by Credit card to the meeting secretariat by fax (0039 091 702 88 82) or mail (lopinto@iobc-wg-viticulture.org)

ACCOMODATION

Participants should book their accommodation directly to the Hotels, specifying their participation to the IOBC Meeting. **These prices are available only for the IOBC participants until 31st July 2007.**

The proposed hotels are located at Marsala city, with easy access to transportation facilities (bus and taxi). A bus transfer will be organized from the more distant hotels to the IOBC Meeting every morning and afternoon.

Hotels selected by the organizing committee are the followings:

Hotels			Single	Double/ Twin	Available rooms for the IOBC participants
# New Hotel Palace	****	www.newhotelpalace.com/	€ 70.00	€ 120.00	25
Hotel Stella d'Italia	****	www.hotelstelladitalia.it/sito/index.html	€ 65.00	€ 110.00	20
# Hotel delle Palme	****	www.classicahotels.com/hotel_delle_palme.htm	€ 60.00	€ 90.00	15
Hotel Carmine	***	www.hotelcarmine.it	€ 63.00	€ 90.00	20
# Hotel Villa Favorita	***	www.villafavorita.com/			
Hotel			€ 55.00	€ 85.00	13
Bungalows			€ 45.00	€ 70.00	20
# Hotel President	***	www.presidentmarsala.it/	€ 45.00	€ 80.00	60
# Hotel Acos	***	www.acoshotel.com/	€ 40.00	€ 60.00	20
Hotel Centrale	*	www.hotelcentralemarsala.it/	€ 40.00	€ 55.00	7

Bus transfer will be available

Price is in Euro and includes breakfast and overnight, taxes and service charges

PRESENTATIONS

Oral presentations

The time allowed for each presentation is 15 minutes. Power Point presentations are highly recommended but overheads and slide projectors will be also available if previously requested.

Posters

A maximum of 120 cm height and 100 cm width.

BOOK OF ABSTRACTS

The book of abstracts will be distributed to the participants with the conference bag during the IOBC meeting.

OFFICIAL LANGUAGE

The official language of the meeting is English.

TRANSPORTATION FROM THE AIRPORT TO THE HOTELS

A bus service from Trapani-Birgi airport to Marsala and viceversa will be available on October 24th, and October 27th – 28th, 2007. Transfer will be carried out in groups and not person by person. – Participants may take also a taxi to the hotels. More information are available in the Meeting Web site (<http://www.iobc-wg-viticulture.org>).

Best regards

The local organizers

S. Ragusa / H. Tsolakis

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Working Group “Pheromones and other Semiochemicals in Integrated Production” Next Meeting, Lund (Sweden), 9-14 September, 2007

You are cordially invited to join the next Working Group meeting in Lund (Sweden), September 9-14, 2007 "Carl Linnaeus – 300 Years". Our meetings cover the biology and chemistry of behavior-modifying chemicals of plant and insect origin, and their practical use in insect control. The focus of the 2007 event is on above- and underground plant signals.

Insect olfactory space. Plants release hundreds of volatiles, the headspace of individual plants changes during phenological development and in response to abiotic and biotic stress. Volatiles from neighboring plants intermix, and the aroma of different species is composed of partly the same compounds. Most insects require particular plants of specific age and physiological state as food sources, mating and oviposition sites. How do insects make sense of noisy multidimensional plant signals to find suitable hosts?

Underground chemical communication is another current frontier in biology. Roots contribute to the production of secondary metabolites in the whole plant, and release compounds into the soil, that have various protective and ecological functions. Many subterranean herbivores, including insects or nematodes, depend entirely on root exudates to locate their hosts. There is ample evidence for odor-mediated host recognition, but the attractant cues remain unknown.

Safeguarding insect control with semiochemicals. Chemical ecology research makes a vital contribution to insect control. Behavior-modifying chemicals have become an integrated part of most plant protection programs in industrialized countries. Their use is now rapidly expanding in threshold countries.

Information on the Lund meeting, including sessions and keynote speakers, will be regularly updated at <http://phero.net/iobc>

It's been a while since the e-mail directory of the Working Group has been updated – please pass the word around. There aren't any deadlines, but we aim to have the program ready by June.

With Greetings

Peter Witzgall (Convenor of the Working Group)
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phone +46 (0)40-415307
<http://www.phero.net> <http://www.ice3.se>

IOBC/wprs Study Group “Integrated Control of Plant-Feeding Mites”

The first meeting was held in Jerusalem, Israel, from March 12-14, 2007, with about 50 participants, coming from Africa, Europe, North and South America and the Middle East. The meeting started out with an intimate social, Sunday evening, March 11. Keynote speakers were MARCUS KNAPP (exploration for natural enemies to control the invasive *Tetranychus evansi*), JAY ROSENHEIM (additivity in mite-plant and predator-mite interactions) and RICHARD GREATREX (compatible acaricides for IPM).

Mites are small arthropods that often “get lost” among their larger insect cousins. The aim of this group is to bring together students, researchers and company representatives and focus on all aspects of integrated and biological control of plant feeding mites, in order to discuss approaches that can be taken to increase control efficacy. We feel that we accomplished our goal with a wide range of talks covering: crops from orchards to open field to greenhouse; various control methods – acaricides, microbial, predators, symbiont modification and transgenic plants; and mite-plant pathogen interactions, mite systematics and quality control production of natural enemies.

We are pleased to announce that the Council has elevated our Study Group to a Working Group. The next meeting will take place in 2009, in Italy (contact: SAURO SIMONI – sauro.simoni@isza.it) and ERIC PALEVSKY (palevsky@volcani.agri.gov.il) will be the next Convenor. The Bulletin from the first meeting will be available to attendees or for purchase soon.



Participants of the first Meeting in Jerusalem, March 12, 2007

Convenor: *Phyllis G. Weintraub*
Scientific Committee: *Uri Gerson, Eric Palevsky*

IOBC/wprs WG “Pesticides and Beneficial Organisms” Forthcoming Meeting 10 – 12 October 2007



This year`s meeting of the WG “*Pesticides and Beneficial Organisms*” takes place from 10 – 12 October 2007 in Berlin-Dahlem (Germany) at the Federal Biological Research Centre for Agriculture and Forestry (BBA), Königin-Luise-Straße 19.

Treated subjects are:

- **Procedures to test side effects** of pesticides / control methods on important beneficial organisms. All testing tiers, but especially extended laboratory, semi-field and field tests.
Presentation and discussion of new or optimized methods; completion of sequential testing schemes. Please consider IOBC standards.
- **Test methods for special plant protection products**, e.g. IGRs, soil-incorporated granules or seed dressings, special use patterns
- **Implementation of results from side-effect tests into IPM**
- **Duration of effects** (natural substrates, exposure under realistic conditions, aged residues) and **implementation into IPM**
- **Field tests:** Test design, sampling techniques, statistics; extrapolation of field studies to different regions, different crops: Is this possible?
- **Side-effects of pesticides in glasshouse crops.**
- **Side effects of biological control agents** (e.g. Bt, fungi, viruses)
- Sublethal effects of pesticides, **methods, significance and acceptability**
- **Comparison of results between species and biotypes**
- **Comparison of results** from laboratory, extended laboratory, semi-field and field tests; extrapolation laboratory - field
- **Other topics related to side-effects**

Election of a New Convenor

As the 10 years period under the actual convenorship of Dr. HEIDRUN VOGT is ending in 2008, the election of a new convenor will take place during the Berlin meeting. Nominated as her successor is Dr. JEAN-PIERRE JANSEN, Centre wallon de Recherches Agronomiques (CRA-W), Département Lutte biologique et Ressources Phytogénétiques - Unité de zoologie, Gembloux, Belgium. JEAN-PIERRE JANSEN has many years of experience with ecotoxicological studies with beneficial arthropods and their integration in integrated plant management. He has an excellent affiliation with the WG due to his regular attendance of the meetings. He is also involved in the evaluation of the “Pesticide Registration Dossier – Part: Beneficial Arthropods” for the Belgian Health and Environment Federal Public Service.

Please check the IOBC website for further and updated information about the meeting.

If you have questions or suggestions concerning the meeting, please contact the Convenor or the Local Organizer:

WG Convenor

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Local Organizer

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IOBC/wprs Working Group "Induced Resistance in Plants against Insects and Diseases" International Workshop PR-IR 2007

From May 10-14, 2007 the Joint International workshop on "**PR-proteins and Induced Resistance against Pathogens and Insects**" was organized in the Conference Center "Zonheuvel" in Doorn, the Netherlands. The meeting was a joint event of the IOBC/wprs Working Group "Induced Resistance in Plants against Insects and Diseases" and the "PR-proteins Workshop", an international workshop held regularly with scientists working on PR-proteins. An explicit aim of the meeting was to promote a multidisciplinary approach to plant-attacker interactions, from molecular genetics to ecology. At the meeting scientists were together with a joint interest in the responses of plants against different types of pathogens and arthropod pests. The workshop covered fundamental as well as applied aspects. PhD students and post-docs were specifically encouraged to join the meeting, as this workshop was excellently suited for informal discussions with experts in the field. There were sessions on: (1) PR-proteins and inducible resistance, (2) signal-transduction in induced resistance, (3) molecular biology and ecology of induced resistance and (4) application of induced resistance in crop protection.

A total of 154 scientists attended the meeting, 43 of which were PhD students. The meeting was a nice mix of nationalities from Belgium (6), Canada (1), Czech Republic (1), Denmark (4), Finland (2), France (9), Germany (31), Italy (3), Japan (1), the Netherlands (51), New Zealand (1), Poland (1), Russia (2), Spain (12), Switzerland (7), UK (7), and USA (12). The book of abstract can be downloaded from:

<http://www.bio.uu.nl/~fytopath/PR-IR2007.htm>.

IOBC/wprs Working Group “GMOs in Integrated Plant Production”

The WG has held its third EIGMO (Ecological Impact of Genetically Modified Organisms) meeting from 23-25 May 2007 in Warsaw, Poland. The local organizing committee was chaired by ZBIGNIEW T. DABROWSKI from Warsaw Agricultural University.

The meeting was a great success with a total of 70 participants from 18 countries attending. The program consisted of 29 oral contributions and 20 posters plus five keynotes:

ANDRZEJ ANIOŁ (Plant Breeding and Acclimatization Institute, Poland): Research, politics and farmers' needs for GM crops in Poland

STEVEN E. NARANJO (USDA-ARS, Arizona, USA): Integrating GM crops in IPM with emphasis on biological control systems

MARK SEARS (University of Guelph, Canada): Risk assessment of non-target arthropods: the monarch butterfly and Bt maize pollen – a retrospective view

ALISON HAUGHTON (Rothamsted Research, UK): The impacts of novel management on ecosystem dynamics; tales from the UK Farm Scale Evaluations of GMHT crops

JUAN FERRÉ (Universitat de Valencia, Spain): Exploring the potential of corn borers to develop resistance to Bt-corn in Europe

A section of the meeting was devoted to a special WG activity on “Non-target risk assessment and regulation”. This special activity had been launched during the last WG meeting in Lleida, Spain, in June 2005. The aim of this activity is to develop science-based, rigorous and pragmatic non-target risk assessment procedures for transgenic insecticidal crops with particular emphasis on terrestrial arthropods. This initiative involves scientists from diverse institutions including public research institutes, the agricultural biotechnology industry, representatives from regulatory agencies, and a commercial testing laboratory. The outcome of this activity was presented by three speakers and discussed with all meeting participants. The outcome of this activity and a protocol of the discussion will be published in the IOBC/wprs Bulletin with the contributions from the WG meeting. The approach that is proposed had been presented at the 9th International Symposium on the Biosafety of Genetically Modified Organisms, 24-29 September 2006, Jeju Island, South Korea (<http://www.isbr.info/symposia/>) and at the EFSA Scientific Colloquium 8 entitled “Environmental Risk Assessment of Genetically Modified Plants – Challenges and Approaches”, 20-21 June 2007, Tabiano (PR), Italy (http://www.efsa.europa.eu/en/science/colloquium_series/Colloquium_8_gmo.html).

This special activity is going to continue. Future activities will focus on the definition of criteria for non-target species selection and on the development and harmonization of non-target testing protocols.

The next full meeting of the WG is planned for the first half of 2009. The discussion with potential organizers has been initiated and the location and dates will be announced as soon as possible.

Jörg Romeis
Working Group convenor
Agroscope Reckenholz-Tänikon Research Station ART, Zürich

IOBC/wprs Working Group “Integrated Control in Protected Crops, Mediterranean Climate”, Next meeting in Crete (Greece), 2009

Next meeting of this working group will be organized by our Greek colleagues led by Dr. Dionyssios Perdikis from the University of Athens. The meeting will be held in the spring of 2009 at Mediterranean Agronomic Institute of Chania (MAICh). This is one of the most beautiful cities of Greece which is located at the north-eastern part of Crete (see also <http://www.chania.gr/> <http://www.crete.tournet.gr/> <http://www.info-creta.gr> ,<http://www.creteisland.gr/> <http://www.click.gr/>). The Institute is located 3 km south-east of the city centre and 13 km from the airport. It is well communicated with Athens since there are several flights per day.

In the excursion day we will visit important agricultural areas with protected crops located east of Chania and in Heraklion (central Crete) and possibly also the famous ruins of Knossos, the ancient capital of Crete. I encourage those of you interested in this meeting to keep in mind these dates.

Convenor

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Local organizer:

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Laboratory of Agricultural Zoology
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e-mail: dperdikis@aua.gr

IOBC/wprs Working Group “Biological Control of Fungal and Bacterial Plant Pathogens” 10th meeting, 9-12 September 2008, Interlaken (Switzerland) of the phytopathogens group: Tools for understanding and improving biocontrol

9-12 September 2008; Interlaken, Switzerland (The meeting will start the evening of September 9, followed by 3 days for scientific sessions and excursion).

Intensive research is aimed at understanding the complex interaction of biocontrol agents (BCAs), plant pathogens, plants and the surrounding environment. Bringing BCAs to the field scenario is also experienced by many research teams and feasible biocontrol systems are established in many areas. Significant advances have been made in the understanding of mechanisms of biocontrol thanks to the application of molecular biology tools. The application of this know-how allows improvement of the BCA and aids to improve the implementation of biocontrol. In the recent years a clear trend from an empirical screening and application of BCA to a rational approach is visible. The focus of this meeting will be on the rational approach to develop BCAs and their implementation in successful control strategies. Furthermore the meeting will provide an overview of plant disease biocontrol systems as well as the important role of innovative and molecular tools can play in biocontrol, and offer a current perspective on

state-of-the-art applications. Fungi, bacteria, viruses/phage and nematodes will be covered in the workshop. Themes will include applications for:

- a) Elucidating and enhancing biocontrol activity and mechanisms.
- b) Strain isolation, fingerprinting and monitoring.
- c) Multi-trophic antagonist-pathogen-plant interactions.
- d) The role of the host plant in biocontrol success and BCA-Plant genotype functional compatibility.
- e) Ecology of BCAs and molecular tools to study it.
- f) Promising applications of 'nomics' in biocontrol.
- g) Constraints to field-conditions successful biocontrol and ways to overcome them.
- h) Implementation of BCAs in agriculture and interaction with other biological 'players' towards holistic scenarios.

Registration, accommodation, and paper preparation will be sent by e-mail during late 2007.

Please contact:

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Agroscope ACW

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CH-8820 Wädenswil – Switzerland

e-mail: duffy@acw.admin.ch (preferred way of communication)

FAX: +41 44 783 63 05

Convenor: Yigal Elad

IOBC/wprs Working Group “Integrated Protection in Field Vegetables”

Next Meeting: Oporto (Portugal), September 23-28, 2007

The next meeting of the IOBC Working Group on Integrated Protection in Field Vegetables will be in Oporto, Portugal from 23-28 September 2007. Our hosts will be ANA AGUIAR and her colleagues. ANA has developed a website for the meeting which contains information on Registration and Accommodation:

http://iobc-oportomeeting.up.pt/#Welcome_to_IOBC

Colleagues can register for the meeting through the website. **The closing date for registration and payment of the registration fee is 5 September 2007.** All participants are encouraged to participate in the meeting by making an oral presentation on a topic related to the integrated control of field vegetable pests or diseases, as well as contributing to the discussion. The title of the communication (about 20 minutes) should be submitted using the registration form on the website. All the papers presented at the meeting will be published in the IOBC/wprs Bulletin.

Dr. Rosemary Collier

Warwick HRI

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IOBC/wprs Working Group “Integrated Control in Citrus Fruit Crops”

Next Meeting, Catania (Italy), 5-7 November, 2007

The IOBC/wprs Working group “Integrated Control in Citrus Fruit Crops”, will meet in Catania (Italy) on 5th-7th November 2007. The meeting is organized by the Dipartimento di Scienze e Tecnologie Fitosanitarie of the University of Catania, Faculty of Agriculture in collaboration with the Assessorato Agricoltura e Foreste – Regione Siciliana and will take place at the facilities of the Faculty of Agriculture, in Catania.

Further information on accommodation, registration fees, instructions for submitting abstracts and final papers, preliminary scientific programme and technical visit will be reported on the meeting website:

<http://www.iobc-wprs-citruswg.net/>

Looking forward to meeting you in Catania

Gaetano Siscaro (Local organiser, gsiscaro@unict.it)
Ferran Garcia-Mari (Convenor, fgarciam@eaf.upv.es)
Mohamed Besri (Liaison officer, m.besri@iav.ac.ma)

Dr. Ferran Garcia-Mari (Convenor of the Working Group),
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IOBC/wprs Working Group: “Integrated Protection of Olive Crops”

3rd Meeting in Braganca (Portugal), 10-12 October, 2007

The 3rd meeting of the Working Group will be held in Braganca (Portugal) 10-12 October 2007. Chairperson: Jose Alberto Pereira. CIMO/Escola Superior de Braganca, PO Box 1172, 5301-855 Braganca (Portugal). E-mail: jpereira@ipb.pt, Website address: www.esa.ipb.pt.

The meeting is aimed at updating the knowledge of pests, diseases and weeds of olive groves. The main topics of the meeting are:

- Biology, ecology and behaviour of arthropods associated to the olive grove
- Population detection and assessment of pests and their natural enemies
- Monitoring systems: attractants and traps
- Integrated control strategies
- Biological and biotechnical control methods
- Chemical control: efficacy, selectivity, resistance and side effects
- New problems in integrated pest, disease and weed management of olive crops
- Spatial and data analysis of pests and diseases
- Pathogens (viruses, bacteria, phytoplasma, and fungi) of olive grove

- Epidemiology of olive diseases
- New strategies in olive diseases control
- Diagnosis and certification

The meeting will include oral presentations and poster sessions. Proceedings of the meeting will be published as a IOBC/WPRS Bulletin.

Accommodation

The meeting will be held at the Auditório Dionísio Gonçalves of the Agrarian School of the Bragança Polytechnic Institute, Bragança. Detailed information about accommodation is available on the Website of the Meeting.

Registration fee

Registration fee includes programme and abstracts, conference bag, coffee breaks, three lunches, technical visits, transportation from hotels to meeting place and Gala dinner.

Registration Fee	Before July 15 2007	After July 15 2007
Participants	220,00 €	270,00 €
Students	100,00 €	150,00 €
Accompanying person/s	50,00 €	50,00 €

Deadline for registration: 30 August 2007

Meeting web page: www.esa.ipb.pt/olive2007

Organizing Committee

Dr. José Alberto Pereira (Chairperson)

Agrarian School of the Polytechnic Institute of Bragança, Campus Santa Apolónia, Apt. 1172, 5301-855 Bragança (Portugal), Tel.: +351 273 303277, Fax: +351 273 325405, email: olive2007@ipb.pt

Prof. Albino Bento

Agrarian School of the Polytechnic Institute of Bragança

Dr. Argyro Kalaitzaki (Convenor of the WG "Integrated Protection of Olive Crops")

Institute of Olive Tree and Subtropical Plants, Department of Entomology and Biological Control, Chania (Crete, Greece), Tel.: +30 28210 83449, Fax: +30 28210 93963, email: argkalaitzaki@yahoo.com

Eng. Rogério Sismeiro

North Regional Direction, Ministry of Agriculture and Peaches, Mirandela

Eng. Francisco Pavão

Association of Producers in Integrated Crop Protection of Trás-os-Montes e Alto Douro, Mirandela

Eng. Luis Ferro Correia

Association of Producers in Integrated Crop Protection of Trás-os-Montes e Alto Douro, Mirandela

IOBC/wprs Working Group

“Integrated Protection in Oak Forests”

5th Meeting, Tlemcen (Algeria), 22-25 October 2007

Since 1993, the general goal of the working group “*Integrated Protection in Oak forests*” is to promote multidisciplinary research and collective strategies between European and North African scientists in order to improve oak forest integrated protection and conservation. Though mainly on cork-oak forests, the group paid attention to various oak species because they endure several identical pests and decay factors. Research activities attempted to evaluate the decline situation of Mediterranean oak forests and characterize the inducing factors and their complex interactions. The main studies concern pathogenic fungi and insect pests, but attention is also paid to oak regeneration, seed conservation, cork production and forest management. Although several strategies have already succeeded in controlling biotic agents and increasing tree vitality, thus reinvigorating the oak stands, research should continue to study the evolution of the decline phenomena and characterize all the implied biotic and abiotic factors.

Principaux Themes / Mains Subjects

- Phytosanitary status of oak forests
- Decline factors (climatic, biotic, etc.)
- Oak pathogenic fungi and insect pests bio ecology
- Decline factors' dynamic (predicting and modelling)
- Regeneration and seed conservation
- Cork production
- Forest management

Local organizer

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Convenor

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Commission “Determination and identification of entomophagous insects and insect pathogens”

To all people working with insects and insect pathogens

Here we want to introduce again our

LABORATORY FOR DIAGNOSIS OF INSECT DISEASES

Since 1960 we maintain a diagnostic laboratory for any kind of insect diseases caused by pathogens, as we are interested in finding new insect pathogens suitable for biological or integrated control.

So, if you have problems with insect rearings or if you find diseased or suspicious insects in the field, you can send them directly to our laboratory under the following address:

Dr. Regina G. Kleespies
Federal Biological Research Centre for Agriculture and Forestry
Institute for Biological Control
Heinrichstraße 243
D-64287 Darmstadt (Germany)

Tel.: +49 6151 / 407-226

Fax: +49 6151 / 407-290

email: R.Kleespies@bba.de

<http://www.bba.de/english/bbaeng.htm>

For our information, please add the following data to your shipment:

- Sender's address - Institute
- Common and scientific name of the insects
- State and number of insects
- Signs and symptoms observed
- Place where the insects were found
- Date of collection
- Host plant of the insects
- Treatments with pesticides or other control measures
- Remarks on the occurrence and frequency of the diseased insects
- Mortality figures

For shipment please use stable plastic boxes closed with a perforated cover, or stable vials plugged with cotton, if possible.

You are also welcome to fill in the form on the next page for giving the details of your shipment:

Accession-No.: _____

Received at: _____

Responded at: _____

The following should be filled in by the sender

Address of the sender: _____

Material sent at _____ with a letter of _____

Insect (species, state): _____

Where found? (District, forest-area, next city, etc.) _____

When collected? _____ if applicable, on which host plant? _____

Description of commencement, characteristics, dimension and intensity of the infestation: _____

Appearance of the diseased insects: _____

When was the disease firstly recognized? _____

Information on the course of disease: _____

Present percentage of diseased insects? _____

Present percentage of mortality? _____

Fixed material is (is not) attached. _____

Sender, please fill in up to here!

The shipment consists of: _____ dead _____ diseased _____

Fixed material in 1) _____ 2) _____ 3) _____

Appearance: _____

Joint meeting for Council and Convenors Barcelona (Spain), November 22-24, 2007

Dear Convenors and Council Members,

we are pleased to confirm to you that our next **joint meeting for Council and Convenors** will take place as planned: **November 22 - 24, 2007**.

**As far as possible,
all Convenors and Council Members should attend to this meeting.**

The **schedule** proposed by the Executive Committee is indicated in the attached time-table:

Day / Time		Activities		
		Members of Executive Committee	Council Members	Convenors
Thursday 22/11/2007	AM	arrival		arrival
	PM			
Friday 23/11/2007	AM	Exec meeting	arrival	Convenors' meeting
	PM	joint Convenors-Council meeting		
Saturday 24/11/2007	AM	joint Convenors-Council meeting		
	PM	Council meeting		departure
Sunday 25/11/2007	AM	Exec meeting	departure	
	PM	departure		

The venue will be in Barcelona, on the Campus of the Autonomous University. RAMON ALBAJES, who will be our host for this meeting, needs to confirm shortly the number of rooms to be reserved for the participants.

Please **kindly indicate as soon as possible** (and at the latest by the end of June) whether you plan to attend this meeting to:

Ramon.Albajes@irta.es and / or Philippe.Nicot@avignon.inra.fr

All the best from the Executive Committee.

Philippe Nicot

Avignon, June 4th, 2007

Policy Support Action REBECA: Regulation of Biological Control Agents

Asking for help to connect with policy makers in agriculture and biological control registration.

As researchers in biological control we are often asked: “Are your biocontrol agents safe?” The answer is usually: “They cause less detrimental effects than synthetic chemical products.”

We are all aware of non-target effects of invertebrate and microbial biological control agents. But can we identify other major risks? Have major damages to humans, plants or animals and the environment been reported related to their use which would justify costly and time-consuming regulation requirements?

Unfortunately, this is not the question to ask when someone is dealing with regulation authorities. The *potential* risks are what regulation authorities are interested in. Microorganisms (including viruses), plant protection products of natural origin and semiochemicals when used for mating disruption are subjected to a risk assessment following rules, laid down in the EU Directive 91/414. In some countries like Austria, Sweden and Hungary even invertebrate biocontrol agents (IBCA) are covered under this directive. Other member states do not regulate IBCAs or regulate following national rules. The directive 91/414 was originally developed to regulate synthetic compounds and was later adapted to be used also for micrororganisms. SANCO, the EU office responsible for the registration of plant protection products in the EU, has recently produced an innovative proposal to accelerate registration, which will also reduce the time frame for the registration of biological control agents. It now needs to be accepted by the member states and the EU parliament. However, the data requirements for BCAs were not modified. Biocontrol needs to enter into a fruitful discussion with SANCO to improve the system for BCAs.

Scientists developing BCAs often have the opinion that risks are exaggerated when using the EU rules to register BCAs. Fortunately the EU came to the same conclusion and published a call for a policy support action to review registration requirements in Europe, compare them with those in non-EU countries and to make proposals to improve the system. The EU granted the REBECA Action, which started in January 2006 and will finish in December 2007.

The objective of REBECA is to ease the introduction of BCAs through the acceleration of the registration process and the reduction of the requirements. All stakeholders (regulators, industry and academia) were invited to the discussions. As a result several proposals for data waivers have been produced and potential improvements on how the registration can be accelerated have been elaborated.

Once such rules like the Dir. 91/414 have been implemented, it is extremely difficult to introduce modifications. Many, if not most stakeholders in industry, regulation and risk assessment have strong interests in the maintenance of the data requirements. Some would prefer more knowledge (data) about potential risks. However, this should not be subject of the registration process. We need less and not more regulation. Only a minority is demanding major changes to the existing system. It will need political decisions in favour of the consumers and food producers to bring forward innovative regulation rules which can promote the market introduction of environmentally safe BCAs.

But our biocontrol community is not well related with these stakeholders. REBECA will soon present its results to the public. We would like to also invite policy makers to this event, but have no contacts in most EU member states. Should you be able to

identify personalities, which can support your interests and objectives in biological control, I would appreciate to receive the contacts to invite them to the conference. All interested parties are invited to the

REBECA Conference

“Balanced Regulation for Biological Plant Protection Products”.

20-21 September 2007

Radisson SAS Royal Hotel, Brussels, Belgium

For more information on REBECA and registration to the conference please visit: www.rebeca-net.de or consult: rebeca.meeting@bluewin.ch

Ralf-Udo Ehlers
Ehlers@biotec.uni-kiel.de

Maintaining Worldwide Connections for Quality Assurance in Arthropod and Nematode Rearing

Joint Meeting in Montreal, Canada of:

Association of Natural Bio-control Producers

IOBC Global Working Group on Arthropod Mass Rearing and Quality Control

ASTM subcommittee E35.30 on Natural Multi-Cellular Biological Control Organisms

International Biocontrol Manufacturers Association Invertebrate Biocontrols Group

Hosted by:

Biocontrol Network of Canada
Montreal, Canada

October 28 – November 1, 2007

Registration and Venue: Colleagues interested in attending the meeting or in presenting an oral or poster paper are requested to complete the **preregistration form** on-line at www.anbp.org/joint_meeting.htm or you may print and complete the form and fax or mail a copy to:

Maclay Burt, Executive Director ANBP
2230 Martin Drive
Tustin Ranch, CA 9278, USA
Phone and Fax: 714-544-8295
maclayb2@aol.com

The conference will be at the DoubleTree Plaza Hotel in the City Center, where a block of rooms has been reserved at the conference rate of \$115 Canadian per night (514-842-8581).

Program: The workshop will focus on all issues related to the rearing of entomophagous

and phytophagous insects & mites and entomophagous nematodes, and to principles and practices of quality assurance. The program will consist of invited papers presenting an overview of selected topics (to be announced later) and contributed presentations on the different aspects of arthropod and nematode rearing as it relates to quality control. Papers will serve as a basis for discussion and exchange, with the final aim of improving collaboration among scientists and practitioners.

The **registration fee** estimated at \$425 (US) registration, includes a conference packet, welcome reception, banquet, tour of locations that use biological control, plus lunches, and coffee breaks.

Exhibitors and Sponsorships: Institutes or companies that wish to **sponsor** events or reserve **display** space should also contact Maclay Burt at the same addresses above.

Financial Assistance for Young IOBC Members: IOBC AMRQC has the funds to award assistance to young scientists who are IOBC members and are presenting a paper at the meeting. Please check the financial assistance box on the preregistration form and submit letter of recommendation from your major professor to Maclay Burt via his contacts listed on the application form.

**All upcoming information on the program, registration and accommodation will be available here on the ANBP website (www.anbp.org) and the websites of AMRQC (www.AMRQC.org) and Biocontrol Network (www.biocontrol.ca). A circular for final registration will be sent to all who have pre-registered.

Organizing Committee:

Carol Glenister	Conference Co-chair; ANBP Board; ASTM Subcommittee E35.30 Chair, IPM Labs, Inc., USA
Simon Grenier	Conference Co-chair; IOBC AMRQC Co-chair; INRA, France
Jean-Louis Schwartz	Conference Host, BioControl Network Leader, University of Montreal, Canada
Karel Bolckmans	Koppert, The Netherlands
Jacques Brodeur	Canada Research Chair in Biocontrol, Université de Montréal
Patrick De Clercq	AMRQC Co-convenor, Ghent University, Belgium
Marshall Johnson	IOBC NRS President, University of California, USA
Norman Leppla	AMRQC Co-convenor, University of Florida, USA
Joop van Lenteren	IOBC Global President, Wageningen University, The Netherlands
Shimon Steinberg	Bio-Bee, Israel
Douglas Streett	Supervisory Research Entomol., USDA ARS Bio. Control Res. Unit, USA
Richard Ward	Association of Natural Bio-control Producers, President, BioBest, Canada

Minutes (short version) of the IOBC/WPRS Executive Committee Meeting Vienna, March 23-24, 2007

Present: R. Albajes (RA), F. Bigler (FB), S. Blümel (SB), P. Nicot (PN), L. Tirry (LT),
H. Vogt (HV)

Agenda

1. Minutes of the last Council meeting
2. Budget incl. payment and registration on-line, status of memberships
3. Update of membership lists and Bulletin lists
4. Status of publications: Bulletins, BioControl, History Book, others
Special discussion on printing and distributing of Bulletins and other print products
5. Working/study groups and Commissions
 - 5.1. Replacement of H. Bathon as Convenor of Publication Commission
 - 5.2. Commission on Harmonisation of Regulations on Biological Control Agents:
Relation to REBECA EU- project, EPPO, EFSA
 - 5.3. Proposal of a new Study Group on 'benefits and risks of invasive biological control agents'
 - 5.4. Review of all WG, SG, Commissions (identify problems, actions)
 - 5.5. Basic and common slide presentation of IOBC/WPRS for WG meetings
 - 5.6. Web pages of WG meetings hosted on WPRS web site vs. currently on convenor's institutions (see point 10)
6. Organisation and programme of Council and Convenor's meeting in Nov. 2007
7. Organisation and preliminary programme of General Assembly in September 2009
8. Participation and agenda of IOBC Global Council meeting in November 2007
9. Position of WPRS in the Network of Excellence ENDURE
10. WPRS web site: status, improvements, suggestions, problems
11. Convenors handbook: status of revision, topic at Council & Convenors meeting in November 2007
12. Revision of statutes for GA 2009: present status, what is needed?
13. WPRS and Global archive in Waedenswil: function, what to store?
14. WPRS policy on open access to scientific research resources: request for information
15. Miscellaneous
 - 15.1 Public relation actions of WPRS: new folder, IOBC bookmarks
 - 15.2 a new Auditing Committee for WPRS
 - 15.3 new honorary members of WPRS
 - 15.4 relationship with other international organisations (e.g. FAO, EPPO) and EU
 - 15.5 contributions of convenors to Profile
 - 15.6 request of CSIRO Montpellier for financial support of symposium on biocontrol of weeds

Budget

Presentation of 2006 income and expenses by R. Albajes

The balance is positive, contrary to what had been anticipated in the provisional budget of January 2006. RA remarks that this positive result needs to be considered with caution. The positive balance was the result of expenses which were lower than expected. However, costs initially planned for 2006 may be incurred in early 2007 for various reasons. This is the case for example for the cost of printing and shipping 2006 bulletins.

Discussion on possible actions to stimulate membership

An encouraging point is that the efforts of RA and others to contact members and find new members seem to have had an impact. The effort is worth maintaining. The convenors of all WG/SG/Commissions can also help as ambassadors of IOBC to their administrations (Institutional members) or colleagues (Supporting or individual members). This point will be raised during the next Council – Convenors meeting in November 2007 in Barcelona.

Increase of subscription rate by the publisher of BioControl

Income from BioControl is now lower than costs, due the increase in the price of subscription by the publisher. To avoid accumulating a deficit, we need to transfer this new cost to our members. Change the cost charged for subscriptions to 95 € (from 90 €). As this is different from an increase in Membership fees, the involvement of the General Assembly is not necessary.

Electronic payment of membership and book orders

RA has been in contact with a bank in Lleida to set up this service for IOBC members. Some administrative complications have arisen and are being worked on.

Publications

BioControl

This Journal is doing well (ever-increasing Impact Coefficient) and is a good "show-window" for IOBC.

IOBC – History of the first 50 years (1956-2006)

IOBC-wprs purchased 500 copies from IOBC-global. 460 were sent to our members. 20 copies were sent to the first author, Ernst Boller, for public relation actions. The book is advertised on the IOBC-wprs website, with information for ordering from IOBC-global. Philippe Nicot will contact all Convenors / Council Members to inform them that we sent a copy to all IOBC-wprs members, and to ask if they would like to suggest names/contact info of people to whom it would be useful to send a copy.

Bulletins

The problems encountered by the Publication Commission stemmed from the loss, during 2006, of the person who was responsible for printing and shipping. Hence, the delay experienced by all in the reception of the Bulletins. Recently, LT has spent much time to complete this work on his own so the 2006 Bulletins could finally be sent.

Perspectives:

LT has identified a new person who will be able to accomplish the printing (but not the shipping) at a cost equivalent to what was allocated for the former person. This arrangement can be expected to last for 2-3 years. A second person will need to be hired to handle the shipping. This will generate additional labour costs.

Considering the situation, a more durable solution must be found for future years. Various possibilities are discussed, including the option of on-line availability of bulletins with a password-protected access.

Enquiry from the Institutional Repository Project Wallonia-Europe

A common open archive system is being set up for the academics of several universities in Belgium (eg: Liège and Gembloux). As academics from these universities publish papers in the IOBC-wprs Bulletins, we have received a questionnaire addressed to publishers.

Working / Study Groups and Commissions

Publication Commission: Replacement of Convenor after September 2009

Horst Bathon (HB) has indicated to FB that he will stop his activity as Convenor of the Publication Commission after the next General Assembly.

Discussion on how to proceed to find a successor. Some possibilities are discussed such as advertise in Profile, on the web page of IOBC-wprs.

Commission on Harmonized Regulation of Biological Control Agents

FB presents the relationship between this commission, the EU-funded project REBECA, and the project of IOBC (Global + wprs) to increase collaboration with EPPO on an update of their "positive list of useful macro-organisms".

Recommendations from REBECA will be delivered to the EU by the end of 2007. The IOBC-wprs commission is currently in a "dormant status" and only active for macrobials after REBECA.

Proposal for a new SG on "Benefits and risks of invasive biological control agents"

FB presents the context and the proposal that he received (Annex 2). Joop van Lenteren and FB have exchanged several emails and discussed the creation of the new Study Group (SG). They were interested in creating such a SG under a double affiliation (Global – WPRS). IOBC-Global would assume financial responsibility for the activities/meetings of the new SG, and WPRS would finance the publication of Proceedings in the Bulletins.

Advantages and disadvantages of creating such a SG, and of giving it a joint Global-WPRS status, are abundantly discussed.

Review of activities of WG, SG, Commissions

- Activities of the Study Group "Integrated control of mite pests".

SB (Liaison officer) presents the activities of this study group, on the basis of the report provided by the convenor Phyllis Weintraub (PW).

PW organized a successful meeting in Jerusalem. The group has planned to organize its next meeting in 2009, and has identified Eric Palevsky (EP) as its next potential convenor.

The Executive Committee will recommend unanimously to Council the transformation of the SG into a WG and the endorsement of Eric Palevsky as the next convenor.

- Activities of the WG "Integrated protection in viticulture".

The proceedings of the last WG meeting in Italy (20-22 October, 2005) were edited by Prof Lozzia and published in 2006 as Bulletin Vol. 29 (11). The next meeting of the WG is planned for October 25-27, 2007 in Marsala, Sicily. It is announced on the IOBC-wprs website (Events and Activities) and has also its own website, set up by the organizers. The organizers are aware that elections of a new convenor must be held during the meeting, and SB plans to attend.

- Report sheet for Liaison Officers.

During the Council meeting of January 2006, it had been decided to prepare a report sheet to facilitate and standardize reporting by liaison officers to Council on the activities of the WG/SG/Commissions they follow. PN presented the first draft of a sheet, based upon discussion during the Executive meeting of January 21, 2006. In the future, the Executive Committee recommends that this sheet shall be sent by the General Secretary to all Liaison Officers on November 15 of each year, to be returned by January 15 for collation into a report he/she will address to the whole Council.

Slide presentation of IOBC-wprs for WG/SG meetings

PN presents a series of 20 slides, some of which could be part of a core presentation, and others display additional information to be used according to specific needs. The series includes slides proposed by Lene Sigsgaard, who kindly reviewed the whole set.

Hosting of WG / SG / Commission meeting web-pages on IOBC-wprs web site

Enquiries have been received from Convenors concerning the hosting of meeting-specific web pages. Should they be hosted on the site of IOBC-wprs, or on institutional sites of the Convenors or local organisers?

The consensus among the Executive Committee is that changing the current situation (web pages hosted on institutional sites) would generate additional, possibly high costs for IOBC-wprs. It is important, however, that the IOBC-wprs affiliation of the WG meeting and the IOBC logo be displayed on the web pages. This information will be conveyed to Convenors (in Handbook / during the next Council / Convenors meeting).

Organisation and program of Council / Convenor's meeting in November 2007

Following discussions, the Executive Committee suggests to RA to host the meeting in Barcelona.

Provisional program / timetable see page 27 in this issue of Profile:

Possible topics for Convenors-Council meeting:

- Responsibilities of Convenors / Liaison Officers
- Bulletins (timely publication, scientific content; conformation to format, page numbers vs cost of printing/shipping)
- Replacement of Horst Bathon
- Activity report (very brief) + presentation of 2008-2009 projects and budget
- Need for joint WG meetings?
- Future activity reports should include outlook and ideas for the future of the WG?
- Analysis of who are the stakeholders for each WG
- Contribution of the WGs to the IP Commission
- Dealing with IOBC members / non members during WG meetings (discount ?)
- How to handle Sub Groups (avoid proliferation)
- Handbook
- Slide presentation of IOBC-wprs
- Suggestions from Convenors to Council (new ideas, strategy, what makes IOBC attractive, potential partners / competitors of IOBC, links between WGs, need of joint meetings of WGs)
- Information / suggestions from Council to Convenors (guidelines for using funds granted by IOBC/WPRS Council, role of WG convenors and WG members in recruitment of new IOBC/WPRS members -not only individual members-, other points agreed in the Council meeting).
- Presentation (by SB or invited speaker) on prospects of the new EU directive on the sustainable use of pesticides in 2014 and the basic input which is derived from the IOBC/WPRS guideline on principles of Integrated plant production
- Archives of IOBC-wprs

Possible topics for Council meeting.

- Budget report by Treasurer
- Increase in membership fees (to be prepared for General Assembly vote)
- If needed, review of problems with some of the WGs
- Report about strength, weakness, opportunities, challenges (threats) for each WG
- Decisions on financial requests of WG/SG/Commissions
- Approval of budget 2008-2009
- Organisation of next GA (venue, programme)
- Organisation of next elections
- Assessment of SG "Mites"; transformation into WG
- Proposition of new SG "Benefits and risks of invasive biological control agents"
- Endorsement of new Convenors
- Outlook on Publication Commission – online Bulletins?
- Statutes

Position of IOBC-wprs in the Network of Excellence ENDURE (European Network for the DURable Exploitation of crop protection strategies)

FB presents the scope of this network, implication of IOBC-wprs members in the activities (RA and PN also implicated and present at kick off meeting in Antibes 21-23 February). The potential this offers for IOBC-wprs is discussed.

IOBC-wprs website: status, improvement, suggestions, problems

The following points were raised and actions decided:

- Needed updates by Convenors WG/SG/Commission presentations (including a photo representing the activity).
- Provide short CV and photo for the "People and Contacts" rubric.
- "Aims and Objectives" may need refreshment.
- "Organisation & Structure of IOBC Global & IOBC-wprs" may need revision.

Convenors' Handbook: status of revision

Heidrun Vogt (HV) presents the improvement / simplifications that she proposes. Time is spent together to go through most of the text.

IOBC (Global and wprs) archives in Wädenswil, Switzerland

The archive is functional and managed by Ernst Boller.

Documents of interest handed down by the former General Secretary will be transferred by PN.

The question on what to store will be discussed with Council and Convenors in November 2007.

Miscellaneous

Public relation actions of WPRS: IOBC bookmarks

As decided during the January 2006 Council meeting, bookmarks were designed by Joop van Lenteren and Lene Sigsgaard, and printed by IOBC-Global. WPRS has purchased 4,000 for distribution to Council members and Convenors. They will be distributed by FB.

Minutes by Philippe Nicot, Secretary-General of IOBC/WPRS

New IOBC/wprs Publications

New IOBC/wprs Bulletins

The Publication Commission of the IOBC/wprs has issued the following Bulletins in 2007. For Bull. **29**(7-8, 10-11), 2006 and 30(1), 2007 see *Profile 42*: 26-38 or visit the IOBC/wprs website.

IOBC/wprs Bulletin Vol. 29(9) 2006

Working Group "Integrated Plant Protection in Fruit Crops", Sub group "Integrated Soft Fruit Production", Proceedings of a Workshop on Integrated Soft Fruit Production at Stavanger (Norway), 5-7 October 2005. Edited by: Nina Trandem, Jerry V. Cross & Christian Linder. ISBN 92-9067-192-9 [viii + 138 pp.].

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IOBC/wprs Bulletin Vol. 30(2) 2007

Working Group "Integrated Protection of Stored Products", at Prague (Czech Republic), 20-23 September 2005. Edited by: Shlomo Navarro, Cornel Adler, Jordi Riudavets, Vaclav Stejskal. ISBN 92-9067-197-x [ix + 295 pp.]

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– just in print –

Working Group “Integrated Protection of Fruit Crops”, sub group “Pome Fruit Arthropods”, Proceedings of the meeting at Lleida (Spain), 4 - 6 September, 2006. Edited by: Jesús Avilla, Jerry Cross, C. Ioratti. ISBN 92-9067-199-6 [xii + 279 pp.]

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Working Group "Integrated Control of Plant Feeding Mites". Proceedings of the meeting at Jerusalem (Israel), 12 – 14 March, 2007. Edited by: Phyllis G. Weintraub. ISBN 92-9067-200-3 [xv + 160 pp.]

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IOBC/wprs Bulletin Vol. 30(6) 2007

– just in print –

Working Group “Biological Control of Fungal and Bacterial Plant Pathogens”. “Fundamental and Practical Approaches to Increase Biocontrol Efficacy”. Proceedings of the meeting at Spa (Belgium), 6 - 10 September 2006. Edited by: Yigal Elad, Marc Ongena, Monica Höfte, M. Haïssam Jijakli. ISBN 92-9067-201-1. Printed in 2 parts [Part 1: xxviii + 334 pp.; Part 2: x + 248 pp.]

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- Alon, U. (2006): An introduction to Systems Biology. – 320 pp., CRC Press, Paperback (ISBN 1-58488-642-0, ISBN13 978-1-58488-642-6) £ 28.00.
Authors: Speiser, B.; Blake, F.; Micheloni, C.; Stopes, C.; Andersen, M.; Baker, B.; Bywater, S.; Canali, S.; Eriksen, R.Ø.; Gonzalvez, V.; Hozzank, A.; Jespersen, L.M.; Jørgensen, L.N.; Kelderer, M.; Kleeberg, H.; Koopmans, C.; Kromp, B.; Manstretta, M.; Maurer da Costa, A.; Monnier, M.C.; Pauler, A.; Schmid, O.; Schreyer, A.; Slabe, A.; Tamm, L.; Trapman, M. und von Fragstein, P.
- Benckiser, G. & S. Schnell (eds., 2006): Biodiversity in agricultural production systems. – 429 pp., (ISBN13: 978-1-57444-589-3), £ 79.99.
- Bowsher, C., M. Steer & A. Tobin (2007): Plant Biochemistry. – 350 pp., Garland Science, Paperback (ISBN 0-8153-4121-0, ISBN13: 978-0-8153-4121-5) £ 41.99.
- Chicholkar, S.B. & K.G. Mukerji (eds., 2007): Biological Control of Plant Diseases. – xii + 426 pp., Haworth Press Inc., Paperback (ISBN 978-1-56022-328-3) \$ 49.95, Hardcover (ISBN 978-1-56022-327-6) \$ 69.95.
- FIBL (2005): Evaluating inputs for organic farming – a new system. Proposals of the ORGANIC INPUTS EVALUATION project. – CD can be ordered from <www.shop.fibl.org>, order number 1401, or can be downloaded free of charge from <www.organicinputs.org>. (ISBN 3-906081-78-8).
- Gliesman, St.R. (2006): Agroecology. The Ecology of sustainable food systems. 2nd ed. – 408 pp., (ISBN13: 978-0-8493-2845-9), £29.99.
- Leslie, J.F. & B.A. Summerell (2006): The *Fusarium* Laboratory Manual. – 400 pp., Blackwell Publishing, Spiral bound (ISBN: 0813819199, ISBN13: 9780813819198) £ 75.00.
- Newton, P.C.D., R.A. Carran, G.R. Edwards & P.A. Niklaus (eds., 2006): Agroecosystems in a changing climate. – 364 pp., Advances in Agroecology Vol. 12 (ISBN13: 978-08493-2088-0), £ 74.99.
- Robertson, J.L., R.M. Russell & H.K. Preisler (2007): Bioassays with arthropods. 2nd ed. – 224 pp., (ISBN13: 978-0-8493-2331-7), £ 49.99.
- Tsanakakis, M.E. (2006): Insects and Mites Feeding on Olive. Distribution, Importance, Habits, Seasonal Development and Dormancy. – 200 pp., Brill, Paperback (ISBN: 90-04-13271-6), € 160.00.

Time-Table of forthcoming events

For the Meetings of the IOBC/wprs Working Groups see also the IOBC/wprs homepage: <http://www.iobc-wprs.org>

- 09 - 14 September, 2007: “Carl Linnaeus – 30 Years”. Meeting of the IOBC/wprs WG: “Pheromones and other Semiochemicals”, Lund (Sweden). – Peter Witzgall, SLU, Box 44, 23053 Alnarp (Sweden), phone +46 (0)40-415307, e-mail: peter.witzgall@v.v.sl.se, <http://www.phero.net/iobc>
- 20 - 21 September, 2007: REBECA Conference “Balanced Regulation for Biological Plant Protection Products”, Brussels (Belgium). – www.rebeca-net.de
- 23 - 28 September, 2007: WG “Integrated Protection in Field Vegetables”, Oporto (Portugal). – http://iobc-oportomeeting.up.pt/#Welcome_to_IOBC

- 10 - 12 October, 2007: 3rd Meeting of the IOBC/wprs WG: "Integrated Protection of Olive Crops", Braganca (Portugal). – Jose Alberto Pereira, CIMO/Escola Superior de Braganca, PO Box 1172, 5301-855 Braganca (Portugal), e-mail: jpereira@ipb.pt, www.esa.ipb.pt.
- 10 - 12 October, 2007: Meeting of the IOBC/wprs WG "Pesticides and Beneficial Arthropods", Berlin (Germany): – Dr. Heidrun Vogt, BBA, Institute for Plant Protection in Fruit Crops, Schwabenheimerstr. 101, 69221 Dossenheim (Germany), Tel.: +49(0)6221/8680530, Fax: +49(0)6221/8680515, E-mail: H.Vogt@bba.de
- 15 - 18 October, 2007: 16th International Plant Protection Congress in association with the BCPC International Congress - Crop Science & Technology 2007, Glasgow (UK). – md@bcpc.org, <http://www.bcpc.org/>
- 22 - 25 October, 2007: 5th Meeting of the IOBC/wprs WG "Integrated Protection in Oak Forests", Tlemcen (Algeria). – Rachid Tarik Bouhraoua, Département de Foresterie, Faculté des Sciences, Université de Tlemcen, BP 119 RP Imama, Tlemcen, Algérie, Tél/Fax: ++213 / 43.20.43.30, e-mail: rtbouhraoua@yahoo.fr or rt_bouhraoua@univ-tlemcen.dz
- 25 - 27 October, 2007: Meeting of the IOBC/wprs WG "Integrated Control in Viticulture", Marsala (Italy: Sicily). – H. Tsolakis, Università' degli Studi di Palermo, Dip. S.EN.FI.MI.ZO., Sez. Entomologia, Acarologia, Zoologia, Viale delle Scienze, 13, 90128 Palermo (Italy), Tel. +39 091 7028814/11, Cell. 320 8397063, Fax +39 091 7028826.
- 28 October - 1 November, 2007: Quality Assurance in Arthropod and Nematode Rearing, Montreal (Canada). – www.anbp.org/
- 05 - 07 November, 2007: Meeting of the IOBC/wprs WG "Integrated Control in Citrus Fruit Crops", Catania (Italy). – Prof. Gaetano Siscaro, from the Dipartimento di Scienze e Tecnologie Fitosanitarie, Sez. Entomologia agraria, University of Catania, e-mail: gsiscaro@unict.it
- 22 - 24 November, 2007: Joint Meeting for IOBC/wprs Council and Convenors, Barcelona (Spain). – Ramon.Albajes@irta.es and/or Philippe.Nicot@avignon.inra.fr
- 5 - 6 December, 2007: Theoretical population ecology & practical biocontrol – bridging the gap, Studley Castle, Warwickshire, UK. – Carol Millman, Association of Applied Biologists, c/o Warwick HRI, Wellesbourne, Warwick CV35 9EF, UK, Tel: + 44 (0)2476 575195, Fax: +44 (0)1789 470234, e-mail: carol@aab.org.uk, Web: <http://www.aab.org.uk/contentok.php?id=46&basket=wwsshowconfdets>

2008

- 17 - 20 February 2008: 1st Symposium on Horticulture in Europe (SHE), Vienna (Austria). – Dr. Gerhard Bedlan, AGES, Institute for Plant Health, Spargelfeldstrasse 191, A-1226 Wien (Austria), Tel ++43 (0) 50555 33330, Fax ++43 (0) 50555 33303, e-mail: service@she2008.eu, Web: www.she2008.eu
- 21 - 25 April, 2008: WG "Integrated Control in Protected Crops, Temperate Climate", Sint Michielsgestel (The Netherlands). – www.ruwenberg.nl; Local organizers: Pierre Ramakers, Marieke van der Staaij, Gerben Messelink: Gerben.Messelink@wur.nl, Applied Plant Research. Jeroen van Schelt, Koppert Biological Systems. WG Convenor: Annie Enkegaard, Danish Institute of Agricultural Sciences, e-mail: annie.enkegaard@agrsci.dk
- 6 - 11 July, 2008: International Congress of Entomology, Durban (South Africa). – www.ice2008.org

20 - 23 August, 2008: 4th International Symposium on *Rhizoctonia*, Berlin (Germany). – <http://rhizoctonia.org/>

24 - 29 August, 2008: 9th International Congress of Plant Pathology (ICPP 2008 Conference). – www.icpp2008.org

9 - 12 September, 2008: WG “Biological Control of Fungal and Bacterial Plant Pathogens”. 10th Meeting “Tools for understanding and improving biocontrol”, Interlaken (Switzerland). – Dr. Brion Duffy, Agroscope ACW, Postfach 185, CH-8820 Wädenswil (Switzerland), e-mail: duffy@acw.admin.ch – see also page 20

21 - 26 September, 2008: 8th International Conference on Controlled Atmosphere and Fumigation in Stored Products, Chengdu (China).

2008 WG “Integrated Control in Protected Crops, Temperate Climate”, Bleiswijk (The Netherlands). – Local organiser: Pierre Ramakers.

2009

Spring 2009: “Integrated Control in Protected Crops, Mediterranean Climate”, Chania (Crete, Greece). – Dr. Dionyssios Perdakis, University of Athens, Tel: 0030 210 529 4581, e-mail: dperdikis@aua.gr

Additional information in the **IOBC-Global Newsletter 81** – March 2007

<http://www.unipa.it/iobc/download/newsletter81.pdf>

Next Issue of Profile

The winter-issue of Profile (number 44) will be edited in January 2008. Please send your contributions (reports from meetings and announcements for meetings, interesting scientific results, new books and others) for this issue of Profile to me at the latest:

1 December, 2007

but don't hesitate to contact me long before this deadline! Please send Announcements of Meetings as early as possible to the editor of Profile and to our Webmaster, Madeleine Bühler (madeleine.buehler@e-maintenance.ch). Please send your contributions for Profile by e-mail (preferably), on CD or as fax to:

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