



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. 36

January 2004

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The Presidents Page

Dear members of IOBC/WPRS please receive my best wishes for a personally prosperous and professionally challenging and productive year. As you will all have heard 2004 started with some level of tension and fear. I do hope that irrespective of all differences in culture, language and politics we may all as members cooperate for the promotion and improvement of biological and integrated control.

Expressing this may sound as repeating old phrases but our relevance has been reinforced by events out of our hands. Thus EU has in 2003 lowered its level of ambition regarding the reviewing of all chemicals, including the many pesticides, which has been slowly on its way for a number of years. This change will have negative effects as well on principal food safety as on the biological environment both in the arable areas and in their surroundings.

The only long lasting route to decreasing the dependence on pesticides is through the ongoing development of biological control methods for direct replacement of chemicals and other components for the integrated approach to diminish the need for chemicals. This includes the sometimes exhausting process of developing monitoring methodologies, more sophisticated action thresholds, and the step by step demonstrating of how limited action is really necessary compared with what is prevailing in many cases. It also includes the ongoing development of more critical evaluation of chemicals for use in integrated approaches.

IOBC/WPRS has a longer tradition and more capacity within all of this field than any other organization.

I, therefore, urge all members not to feel paralyzed by the lack of ambition at some European level but carry on "waving the IOBC/WPRS flag" and fighting with scientifically based means for a more healthy future although it will take a long time to win.

Peter Esbjerg

IOBC/ WPRS
Commissions, Working groups, Study groups
 December, 2003

Commissions	Convenor	Liaison-Officer
Publications	BATHON H. TIRRY L.	–
Determination and identification of entomophagous insects	BAUR H.	–
Guidelines for integrated production	AVILLA J.	ALBAJES R.

Working groups

Integrated protection of fruit crops	CROSS J.	MALAVOLTA C.
Pesticides and beneficial organisms	VOGT H.	BIGLER F.
Breeding for plant resistance to pests and diseases	BIRCH A.N.	TIRRY L.
Pheromones and other semio-chemicals in integrated production	WITZGALL P.	BATHON H.
Multitrophic interactions in soil	SIKORA R.	KERRY B.
Integrated protection in viticulture	LOZZIA C.	GESSLER C.
Integrated protection of oilseed crops	KOOPMAN B.	ALABOUVETTE C
Integrated protection of field vegetables	VIDAL S.	ESBJERG P.
Integrated control in protected crops, temperate climate	ENKEGAARD A.	BLUEMEL S.
Integrated control in protected crops, mediterranean climate	CASTAÑÉ C.	BLUEMEL S.
Insect pathogens and entomoparasitic nematods	PAPIEROK B.	HUBER J.
Integrated control of fungal and bacterial plant pathogens	ELAD Y.	ALABOUVETTE C.
Integrated protection in oak forests	VILLEMANT.C.	VIEIRA M.M.
Integrated protection of stored products	NAVARRO S.	BATHON H.

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		BIGLER F.
Landscape management for functional biodiversity	(POEHLING H.M. / ROSSING W.)	VAN LENTEREN J.

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IOBC/wprs WORKING AND STUDY GROUPS

Commission on IP Guidelines and Endorsement

The regular work of the Commission has continued during the second half of 2003. One of the main objectives for 2004 is the preparation of the 3rd edition of the IOBC/WPRS Basic Document on Integrated Production, which contains the Definition and Principles, as well as the Guidelines I and II. In order to stress the importance of such document, as part of IOBC policy in IP, a presentation about its contents was made at the Council and Convenors meeting (September, 2003). It is scheduled to finish the rest of the ongoing projects (the Guidelines for outdoor Vegetables under Northern and Southern conditions, the database of the available information on the side-effects of pesticides on beneficial organisms (jointly with the WG "Pesticides and Beneficial Organisms") and the Idea Book on Ecological Infrastructures of the Farm) during 2004.

All the information on the activities of the Commission is available at the internet site:

<http://www.iobc.ch>

All the best for the New Year, on behalf of the members of the IP-Commission

Dr. Jesús Avilla

Convenor of the Commission on IP Guidelines and Endorsement

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Working Group "Landscape Management for Functional Biodiversity"

Convenors Hans-Michael Poehling and Walter Rossing

The first meeting of this new Working Group was held in Bologna, from 11-14 May 2003. Local organizer was dr GIOVANNI BURGIO. Over 60 participants from northern, southern, eastern and western Europe attended, as well as a guest from New Zealand. The setting was the old centre of Bologna and it's nearly 1000-year old University.

A wide range of topics, appropriate for a first meeting, was presented in the course of 2 days.

The contributions were grouped in the major topics:

- Effects of margins (flowers, nectar) on beneficials (small scale) (2 sessions)
- Effects of vegetation pattern/intercropping (small scale) on herbivores and beneficials (2 sessions)
- Landscape effects, large scale, modelling (1 session)

Nearly 40 papers and posters were presented. Senior research colleagues had been asked to act as moderators for each session. They had read the papers allocated to each session and chaired the plenary discussion that concluded each session. This set-up turned out to result in a lively programme with strong input from the audience. At the end of each of the 5 sessions, the discussion time of one hour that had been scheduled often was found to be still not enough.

The final day of the meeting was spent visiting ecological restoration projects in a municipality near Bologna. It provided a stimulating example of how determination and involvement of scientists in the public debate can create a better environment.

A next meeting will be held in two years time. Four potential venues have been proposed by potential organizers, indicating the interest of the participants in continuation of the scientific debate as part of this IOBC forum. A decision on the location will be made at a later point in time.

To stimulate exchange of information between meetings, it was agreed to start a databank on the IOBC internet site with literature on landscape ecology and functional biodiversity grouped per topic, lists with plants recommended for use in field edges in various European projects and their effects on pest and natural enemies, and information about case studies showing positive effects of landscape ecological projects on pest and disease reduction.

For information on the programme and the scientific contributions, please consult the website of IOBC-WPRS and IOBC Bulletin 26(4) that appeared as pre-ceedings to the meeting.

Working Group “Pesticides and Beneficial Organisms“

Meeting in Ponte de Lima, October 2003: Report

The meeting was attended by more than 80 participants from 12 countries (Austria, Belgium, Canada, France, Germany, Italy, Poland, Portugal, Spain, Switzerland, The Netherlands, United Kingdom). Information about the meeting is available on the web (<http://www.esapl.pt/web/oilb.beneficials/>). Under „information“ on this web-page you can download the abstracts (given in the order of presentation at the meeting's program, and with the Poster abstracts at the end). An IOBC Bulletin with presentations of the meeting will be published.

As it should be, the WG meeting was again a combination of sub-group activities, treating a specified subject and limited to a smaller number of active and invited participants, and a platform with oral and poster presentations open for the public. Two speakers had been invited to give opening lectures for the meeting, dealing with the subject „Importance and role of beneficial species in crop protection“. An excellent overview about „Natural control against pests in vegetables in Portugal“ was given by Prof. ANTÓNIO MEXIA (Oeiras, Portugal) and a very interesting case study was presented by Dr. JOSEP JACAS (Castelló de la Plana, Spain) about „Predation on *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) on orange and lemon in Spain: the importance of generalist predators and their conservation“.

The following presentations covered a wide range of subjects in side-effect research. Two ring-test groups held a meeting: „*Aphidius rhopalosiphi* semi-field test“ and „*Poecilus cupreus* larval test method“.

The participants of the meeting enjoyed a lot the pleasant atmosphere of the meeting place: The „Escola Superior Agrária de Ponte de Lima“ has been established in a former monastery, the „Convento do Refóios“, in a small village close to Ponte de Lima, in a typical Minho region landscape with very nice views. This, together with the engagement of the local organizers, contributed a lot for a relaxing and good atmosphere, enhancing fruitful discussions. I am happy about having received a lot of positive comments about the meeting.

Sub-working group on field sampling methods

In order to establish the further proceeding and activities concerning the sub-group “Sampling methodology for field tests in different crops” (cf. report about the Avignon meeting, 2002) a two hours discussion took place during the meeting in Ponte de Lima to identify and agree upon the

objectives of this sub-group. It was decided to focus further activities on carrying out the sampling methods. A list with different field methods combined with a certain ranking of their relevance in practice was established. The aim is to present for each method a critical description at the IOBC WG meeting in 2005. For information exchange and discussion of current results a sub-working group meeting is planned for autumn 2004.

Experts with experience in field sampling techniques, who would like to contribute to this sub-group, but are not yet included in its mailing list, please contact:

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Next Meeting

With regard to the next meeting of the WG the following aspects were taken into consideration and discussed at the Ponte de Lima meeting:

- a) In September 2004 (26-30.9.04) the 6th International Conference on Integrated Fruit Production will take place at Baselga di Piné (near Trento), Italy. This conference will be a joint one between the IOBC IPP fruit crops WG meeting 2004 and the IOBC Pheromone WG meeting 2004. It is also intended to include a session on side effects on fruit pests natural enemies (visit the IOBC homepage for further information).
- b) As in the previous years, though the number of participants at the side-effects WG meeting was again high, the number of presentations wasn't. At the meeting in Ponte de Lima there were 14 oral presentations (including 2 invited ones) and 6 Posters. Of two further announced talks one was cancelled shortly before the meeting and one changed into a Poster. It is clear, that with annual meetings the time period to elaborate new and meaningful research data, especially in the case of semi-field and field data, is short. This obviously is a reason for the limited number of contributions.

The participants came to the conclusion to have no full WG meeting in 2004 and to have the next one in 2005. The WG has been invited by Dr. REMIGIUS OLSZAK to hold this meeting in Poland. It was agreed, however, to **treat side-effect topics related to pome, stone and soft fruit in 2004 in a session at the above announced 6th International Conference on Integrated Fruit Production (IFP).** Most

participants liked the idea to get more background information concerning IFP by attending this conference and on the same time having the opportunity to present and discuss actual developments in side-effect research.

In case other side-effect subjects (not related to pome, stone or soft fruit)(e.g. validation and ring test groups) need discussion in 2004, subgroup meetings could be organized either in relation to the IFP conference in Italy or at other times and locations.

With regard to the **organisation of a „side-effect“-session at the International IFP conference in 2004**, please contact me, if you intend to participate and give a talk about your research related to side-effects of pesticides and beneficial organisms. You are also invited to send me suggestions for speakers and topics related to this subject which you estimate as being important to be presented at the IFP conference. Please take note, that the **deadline for submission of abstracts for the IFP conference is 28 February 2004** and, therefore, I would like to be informed as soon as possible about your intended participation.

For further information please contact the WG convenor:

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Working Group "Pheromones and Other Semiochemicals in Integrated Production"

Upcoming meeting Trentino, September 26-30, 2004

The next plenary meeting of the Pheromone WG will be held in Baselga di Piné, Trentino, September 26-30, 2004. This is a joint meeting, together with the Orchard WG. Circulars and meeting programme are available and will be regularly updated at:

<http://www.phero.net/iobc/trento/announc5.html>

The past meeting in Sicily featured research-oriented topics in Chemical Ecology, including the role of secondary plant metabolites in plant – herbivore interactions. The focus of the forthcoming meeting is on mature methods and techniques which can be used to replace conventional insecticides.

Pherolist II

The "List of Lepidopteran Pheromones and Related Attractants" by HEINRICH ARN, MIKLOS TOTH and ERNST PRIESNER was first published as an IOBC brochure in 1986. HEINRICH ARN, the previous convenor of the Pheromone WG, realized at an early stage the potential of the worldwide web and published a web version of the Pherolist in 1995. The Pherolist has last been updated in 2000, but still attracts 50 to 100 visitors per day. The original Pherolist will continue to be available at:

<http://nysaes.cornell.edu/pheronet>

A new and updated version will appear at <http://www-pherolist.slu.se> in spring 2004. In order to facilitate upgrades, the architecture of the database had to be modified. The user interface has undergone minor changes and the information published in leading journals is currently being included.

Peter Witzgall (Convenor)

Working Group “Integrated Protection in Oilseed Crops” Next Meeting: Rothamsted, UK, 30 - 31 March 2004

I, Birger Koopmann, am successor to Prof. VOLKER PAUL convenor of the WG “Integrated Protection in Oilseed Crops”. I would like to express my sincere thanks for the work he did in the past.

For all of you not familiar with the structure of the Working Group on Oilseed Crops: we have two Subgroups (i) Entomology and (ii) Phytopathology. INGRID WILLIAMS helps with organising and chairing the Entomology subgroup. For more information, please refer to the IOBC / wprs homepage listed in my signature.

We are pleased to announce that the next meeting of the WG “Integrated Protection in Oilseed Crops” will be held at Rothamsted Research in the UK in spring 2004. Local organisers will be NEAL EVANS, BRUCE FITT and INGRID WILLIAMS at Rothamsted Research. We want to invite all of you to join the meeting on 30 - 31 March, 2004.

- Please **register as soon as possible with me via Email**. The local organisers need this information urgently to organize accommodation for all participants.
- Please, send along **with your registration the title of your contribution**.

Abstracts of the presentations should be available and sent to me at the latest on **25th of February**. Full papers, prepared according to the Instructions to Authors, attached to this mail should be brought with you on diskette to the meeting (Word document or comparable). Delayed papers will not be considered for publishing in the IOBC/wprs Bulletin.

Please, forward this circular to anyone interested in this meeting. We will also appreciate to receive further addresses of those who are interested. Email addresses are preferred which make our life easier. It is also thought to include people working on sunflower.

Hoping that most of you will join us in 2004!

Sincerely yours

Dr. **Birger Koopmann**

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Working Group

“Integrated Plant Protection in Fruit Crops”

Whole working group

Next meeting: The next meeting of the whole IPP Fruit Crops Working Group is at Baselga di Piné, Trentino, Italy on 26-30 September 2004. CLAUDIO IORRIATI (IASMA, Trento) is the local organiser. The meeting web page is www.ismaa.it/uodifesa/iobc.html. The meeting is joint with the IOBC Semiochemicals WG and the first day of the meeting will be devoted to semiochemicals of fruit pests and their natural enemies with the special topic of mating disruption. Full details of the meeting including announcements and call for papers are available on the IOBC

web page. Please note the **deadline for submission of titles and abstracts is 28 February 2004.**

Soft fruit sub-group

Last meeting: An excellent meeting took place at Conthey, Switzerland 13-17 October 2003. The local organisation by CHRISTIAN LINDER and his colleagues at the Swiss Federal research Station at Conthey, was faultless. Accommodation was in hotels and in a hostel at the nearby attractive town of Sion. The meeting was attended by 35 soft fruit entomologists and pathologists mostly from European countries but also from Russia and America. It was regrettable that no delegates attended from several European countries with active soft fruit research programmes. 18 scientific papers and 12 posters were presented. A discussion was held on the topic of “what do growers expect from researchers”. The meeting included an afternoon visit to the field station at Bruson, high in the alps in spectacular scenery. Field experiments on raspberries, currants, strawberries and medicinal plants were viewed. A post meeting visit to the Aletsch glacier at Bettmeralp, a world heritage site, completed a memorable conference. The proceedings are to be published as an IOBC bulletin in Spring 2004.

Next meeting: NINA TRANDEM has provisionally agreed to host a meeting in Norway in autumn 2006.

Scientific secretary: DARIUS GAJEK, the currant scientific secretary, is stepping down at the WG meeting in Baselga de Piné in September 2004 (see above), after 9 years excellent work for which all members of this small but active sub-group are very grateful. CHRISTIAN LINDER has kindly agreed to be his successor.

Arthropods sub-group

Last meeting: The proceedings of the last meeting in Vienna in 2002 have now been published as an IOBC/wprs Bulletin.

Next meeting: This will be concurrent with the whole Working Group meeting at Baselga de Piné in September 2004 where a venue for the subsequent meeting in 2006 will be sought.

Scientific secretary: The currant scientific secretary, MIKE SOLOMON, is retiring shortly and a successor needs to be identified by the forthcoming meeting at Baselga di Piné. Nominations or volunteers to the convenor please.

IFP guidelines sub-group

Revisions: The IFP guidelines need to be revised and updated on a regular basis, ideally every 4-5 years.

	Last revision	IOBC Bulletin	Editors
Soft fruits	1999	23(5) 2000	Jörg & Cross
Pome fruits	2002	25(8) 2002	Cross
Stone fruits	2002	26(7) 2003	Malvolta, Cross, Cravedi & Jörg

Scientific secretary: JERRY CROSS, the WG convenor, is the current scientific secretary and a successor is being sought. Nominations or volunteers to the convenor please.

Diseases sub-group

Next meeting: The next meeting of the diseases sub-group will be in Piacenza in September 2005.

Scientific secretary: The system in this sub-group is that the local organiser(s) of the next meeting act as the scientific secretary. Dr. S. GIOSUE, Prof. ROSSI and Dr. BUGIANI will act in this capacity for the next meeting.

Stone fruits sub-group

Last Meeting: The meeting of the Working Group "Stone Fruit" was held in Opatija (Croatia) on October 14th – 17th 2002. The local organizers were IVAN CIGLAR and BOZEN BARIC (Department of Agricultural Zoology of the Faculty of Agriculture of Zagreb). For several reasons there was a significant delay in the collection of all the manuscripts to be published in the proceedings. Apologies to all those who prepared their manuscripts promptly. Sadly, a frightening accident happened meanwhile: IVAN CIGLAR died in a car crash in Italy in summer 2003. IVAN CIGLAR'S contribution to the Working Group was always constant and greatly appreciated. The meeting in Opatija was a great success. Both IVAN and BOZENA BARIC devoted a great deal of effort to the meeting and all of us are thankful to them. 22 papers were presented by 27 researchers from 8 European countries. There was serious interest in organic farming as well as in growing techniques but the contribution from plant pathologists was less than expected. During the meeting the new edition of the "Guidelines for

integrated production of Stone Fruit – Technical Guideline III” was prepared and now has been published. The good results achieved in some research sectors, inspire us to work for the global improvement of the activities of the group.

Next meeting: This will be concurrent with the whole Working Group meeting at Baselga de Piné in September 2004 where a venue for the subsequent meeting in 2006 will be sought.

Scientific secretary: PIERO CRAVEDI is completing his term as scientific secretary (convenor when this was a separate working group of IOBC/WPRS) and it is hoped that a successor will be identified by the time of the WG meeting at Baselga di Piné.

J.V. Cross, Convenor
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IOBC Conference on “Breeding for Plant Resistance to Insects, Mites and Pathogens” 16-19 September 2004, Białowieża, Poland

The Department of Biochemistry of the University of Podlasie in Siedlce, Poland and the International Organisation for Biological Control (IOBC) are pleased to announce details of International IOBC/wprs Working Group on “Breeding for Plant Resistance to Insects, Mites and Pathogens” The meeting will take place in Białowieża, Poland from 16th September to Sunday 19th September 2004.

Aims and Scope of the IOBC Workshop

The conference aims to bring together researchers from the various disciplines who have a common interest in:

- Utilisation of plant resistance to insects, mites and pathogens in the field
- Utilisation of plant resistance to stored product pests and diseases.

- Resistance mechanisms (constitutive and inducible).
- Sources of the resistance, genetic basis, genetic markers for resistance.
- Tests and analytical methods used in determining type, level and durability plant resistance.
- Plant breeding and plant biotechnology programmes for production of pest and disease resistant cultivars
- Application of the plant resistance in integrated plant protection (IPM) methods and IPM frameworks.
- Evaluation of genetically modified (GM) plants for efficacy and bio-safety.

Further details are available from:

http://www.iobc-wprs.org/wg_sg/index.html

Programme

The conference will be held for three days and will include plenary lectures (30 min), oral presentations (15 min) and posters. We plan to divide the research programme into several sessions. Contributors for all oral and poster presentations are now being invited. We strongly encourage formal and informal discussion at the workshop.

Registration

Please send the pre-registration reply card and specify a title, authors and presentation form (plenary, oral communication or poster) before 31st December 2003 to Prof. BOGUMIL LESZCZYNSKI (see addresses below). Please note that there is no limit of posters in the poster presentation sessions for the registered participants. Further details of the conference programme will be included in the second circular distributed early 2004.

Location

The conference will be held in Białowieża, Eastern Poland, which is a world wide famous place of unique virgin forest and bison range. In the old days Białowieża was a favourite rest and hunting place of Lithuanian princes, Polish kings and Russian tsars. The Białowieża forest presents us not only huge, aged trees but also pictersque valley of forest rivers, archeological monuments and unique of forest that are shelters for the birds of prey, bison, roe deer, wild boar, deer, elk, wolf and lynx. There is a modern conference centre with very good facilities. Accommodation will be provided in a Hotel ***Białowieski (rooms for one or two persons available).

Further details are available from:

<http://www.hotel.bialowieza.pl/en/hotel.php?srodek=bialowieski.html>

Climate

Białowieża has a temperate climate. The second half of September is usually pleasant, with beautiful colours of the fall leaves. There is some risk of showers with the average midday temperature 15-20°C, but evenings might be cool (so bring umbrella and warm jacket). Since we plan a field tour remember to bring sport shoes / walking boots and outdoor clothes, so you feel comfortable.

Travel - transportation

We advise you at first to reach Warsaw, what is quite easy by aeroplane, railway or car. The further transportation from Warsaw to Białowieża (direct) on 15th of September will be provided by the organizers. So, when your flight, railway or bus ticket is booked, please give us the details, planning to arrive in Warsaw on 15 September. However, if you plan to travel by car, the distance from the Polish western border is about 800 km, please strictly follow the map.

Funding for travel

We have been awarded a small budget from IOBC/wprs to help run the workshop. Some of this will be allocated to assisting young researchers (postgraduate) with travel costs and with administration. Please send request by email to Dr. NICK BIRCH (convenor).

Sponsorship and private company participation

Private companies (plant breeding, biotechnology, IPM, etc) who would like to support the running of this workshop by financial or in kind donations should contact the local organiser or the convenor. We actively encourage private sector participation in the workshop and to give presentations on relevant topics.

Fees

The registration fee for attendance at the conference (including all materials, transport to/from Warsaw to the meeting, accommodation and an attractive social program) is expected to be:

- 350 Euros (single room / per person)
- 300 Euros (double room / per person)
- 200 Euros (student double room / per person)

Details and an application form will be included in the second circular.

Further information

The second circular will be sent to all participants in early 2004. Abstracts

of the plenary, oral and poster presentations will be published in the *Book of Abstracts*, which will be available at the Conference. The full length papers will be published in a IOBC/wprs Bulletin. Full instructions for authors and an electronic template for writing abstracts and papers can be downloaded from: <http://www.iobc-wprs.org/pub/index.html>

Pre-registration Form

Please send (by standard or electronic mail) the pre-registration replay card to Prof. BOGUMIL LESZCZYNSKI:

Pre-registration Replay Card	
IOBC Conference on Breeding for Plant Resistance to Insects, Mites and Pathogens	
<u>16-19 September 2004, Białowieża, Poland</u>	
Title:
Given name:
Family name:
Institution/Organisation:
Postal address:

E-mail:
FAX:
I would like to present an oral/poster communication:	
Title of presentation:

Date: SIGNATURE

Deadlines

31 December 2003 Pre-registration
31 May 2004 Submission of Abstracts (one A4 page)
16 September 2004 Submission of Full Papers (final draft for editing to be handed in AT the meeting).

For further details please contact:

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Working Group "Insect Pathogens and Insect Parasitic Nematodes"

WG biennial meeting

The 9th European meeting of the Working Group, entitled "Growing Biocontrol Markets Challenge Research and Development", was held in Salzau, Kiel, Germany, 23-29 May 2003, in cooperation with the COST Actions 842 "Entomophthorales" and 850 "Biocontrol Symbiosis". It has been a great success, owing to the Local Organizer, RALF-UDO EHLERS, and his team. Nearly 150 people attended. Scientists who used to not attend the meetings of the Working Group anymore travelled to Salzau. So, a special attention was paid to the entomopathogen *Bacillus thuringiensis*, with a discussion on a proposal for a new European COST Action in this field. Sessions were also devoted, among others, to control of slugs and snails, to safety and risk assessment as well as to production and quality control of microbiol control agents.

Next WG meeting

The next meeting of the Subgroup "*Melolontha*" (Convenor: SIEGFRIED

KELLER) will be held in Innsbruck, Austria, from 11-13 October 2004 (see page 23: First announcement).

Bernard Papierok

(Convenor WG “Insect Pathogens and Insect Parasitic Nematodes”)

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Working Group “Entomopathogens and Entomoparasitic Nematodes“, Sub Group *Melolontha* Next Meeting: Innsbruck (Austria), October 11-13, 2004

FIRST ANNOUNCEMENT

The forth meeting of the *Melolontha* subgroup of the IOBC/wprs working group “Entomopathogens and entomoparasitic nematodes “ will be held at Innsbruck, Austria, October 11-13, 2004. In respect to the increasing importance all soil inhabiting pest insects the topic is extended to include other Scarabaeidae and wireworms (Elateridae). A special focus will be on *Diabrotica*.

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

Conference language is English. A summary of each oral and poster presentation not longer than a page A4 is desired and will be distributed at the beginning of the meeting. Full articles of oral and poster presentations accepted by the editorial board will be published in English in an IOBC/wprs-Bulletin. Instructions for authors will be given on the homepage (see below).

HERMANN STRASSER is the responsible local organiser. He has set up a homepage with the following address:

<http://bipesco.uibk.ac.at/iobc/>

All information is available on this homepage. At the moment some links

are still under construction. For your preliminary registration please use this internet-address. Let us know until 31st January 2004 if you plan to give a paper and/or a poster. This allows us to prepare the schedule of the meeting.

This circular is sent by E-mail to the participants of the last meeting, to researchers and research institutes known to work with *Melolontha* or related subjects, to representatives of IOBC and to convenors of related IOBC-working groups. If you have colleagues who do not receive this circular please hand a copy over to them.

Contact

Dr. **Hermann Strasser** and/or Dr. **Barbara Pernfuss**

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E-mail: barbara.pernfuss@uibk.ac.at

I am looking forward to see you at this meeting.

Sincerely

Siegfried Keller (Convenor *Melolontha* sub group)

Working Group "Multitrophic Interactions in Soil for Integrated Plant Protection"

Next meeting:

Summer 2005, Wageningen (The Netherlands)

The next meeting of the IOBC/wprs Working Group "Multitrophic interactions in soil for integrated plant protection" will take place in the summer of 2005 in Wageningen. The exact dates will be made known in the next issue of *Profile*.

The Working Group was established in 1999 see, IOBC Bulletin No. 24(1), 2001. The second meeting was held in Bonn in 2003 and an

IOBC/wprs Bulletin on the presentations given at that meeting is now in preparation and will be published in 2004.

The Working Group discusses: strategies, methodologies and results of research involving multitrophic interactions in soil between antagonists and target pests and diseases as it relates to plant health. The group is concerned with examining plant health from the more holistic view of soil interrelationships as it relates to integrated plant protection.

Attempts are made to stimulate multidisciplinary cooperation between scientist working in the soil-ecosystem including: nematologists, mycologists, entomologists and bacteriologists as well as scientists working with modification of the soil environment e.g. interactions with organic amendments or the plant genome.

The meetings are designed to reflect the diversity in agricultural soil. Important is the establishment of a link between a particular interrelationship and impact on integrated plant protection of a pest or disease.

If you are interested in attending the next meeting please contact the local organizer or convener:

Dr. Jos Raajmakers

Prof. Dr. **Richard A. Sikora** (Convenor)
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Working Group “Integrated Protection of Olive Crops” Next meeting: September / October 2005, Florence (Italy)

At the end of the meeting of the Working Group: “Integrated Protection of Olive Crops” (29-31 May 2003) it was decided the next meeting to be held on September or October of 2005 at Florence, Italy. The meeting will be organized by Dr ANTONIO BELCARI (Chairman) (Department of Agricultural Biotechnologies, University of Florence).

Publication in IOBC/wprs Bulletin

Full articles will be published in the Proceedings of the 1st Meeting in the IOBC/wprs Bulletin. Authors should send the full article of oral presentation or poster not later than February 29, 2004 in electronic format (MS-Word, if possible) as an attached file, to the e-mail address:

valexandr@nagref-cha.gr.

- Please follow the “Instruction to the Authors” for the IOBC/wprs Bulletin at the web page: <http://www.iobc-wprs.org/pub/index.html>.
- You can also obtain information from the meeting website:

www.maich.gr/iobc.

Best regards
Kalaitzaki Argyro

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Working Group “Integrated Control in Protected Crops, Mediterranean Climate”

The last meeting was held in Agadir (Morocco) from 30th November to 4th December of 2003. Thanks are due to Prof. ABDELAQ HANAFI, to RASHID BOUHARROUD and other colleagues from the Integrated Production and Protection *Unit of Institut Agronomique et Veterinaire Hassan II* of Agadir. 83 researchers and implementers participated in the meeting. They came mainly from the Mediterranean area but we had also participants from other European, Asian, North and South American countries: Algeria (1), Austria (1), Belgium (3), Brazil (1), Denmark (1), Egypt (1), France (3), Iran (2), Israel (3), Italy (1), Morocco (33), The Netherlands (4), Spain (21), Turkey (1), U. S. A. (7). A total of 42 (32+10) oral and poster contributions were published before the meeting and they are available in the IOBC/WPRS Bulletin 26(10). Fifteen more oral and poster contributions were also presented that are not compiled in the green bulletin. They dealt with IPM systems and components in protected crops (3), whiteflies (17), mites, leafminers, aphids and thrips (7), plant

diseases (14), polyphagous predators (9), and insecticides, molecular techniques and regulation of IPM components (7). After each oral session, the authors of posters corresponding to the same topic made a brief resume in order to include them in the discussion. 'Whiteflies' was a session that generated an intensive discussion about the different IPM tools that are effective in order to avoid the virus dispersion in the crop. A field visit to some of the nice greenhouse nurseries in the Agadir area was also quite illustrative of the whitefly control techniques, mainly netting the house, which growers are using nowadays in the Mediterranean region. In the plant disease session, whitefly transmitted viruses were also discussed. In the 'polyphagous predators' session, several aspects of mirid/anthocorid biology and population dynamics were discussed.

Next meeting of the working group will be held in Murcia (Spain), in 2006 and will be organised by Dr. JUAN ANTONIO SANCHEZ from *Instituto Murciano de Investigación y Desarrollo Agrario* (IMIDA).

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**3rd National Conference on
"The Development in the Application of Biological
Products & Optimum Utilization of Chemical
Fertilizers & Pesticides in Agriculture"
21-23 February, 2004, DTE, Karadj, Iran**

The Conference aims to present a platform for stimulation of projects and exchange of research results dealing with application of Biological Control Agents and Products in pest, disease and weed management and application of Biological Fertilizers in soil. The farming in which Optimum Utilization of Chemical Fertilizers & Pesticides approach was adopted will receive particular attention. Interdisciplinary researches on the issues demonstrate that new options for integrated crop management. In addition to providing exciting new methods, products and tools, a change in perspective is highly relevant in relation to the public debate on organic and integrated farming, the

role of inputs of agricultural fields in health of people and landscape and also nature management. Research at the approach requires inputs from a range of disciplines, such as plant protection, soil science, public health, meteorology, agronomy and ecology. The high council of "the development in the application of biological products & optimum utilization of chemical fertilizers & pesticides in agriculture" represents an excellent platform for stimulating and facilitating such inter-disciplinary discussions in this scientific field. The 4th conference might be regional by help of other regional or international organization. Of course, few scientists have applied to present their articles in 3rd conference.

The scientific program will feature 3 days of presentations and discussions (details will be provided later). To maximize exchange of ideas, each presentation of a paper (maximum of 15 minutes) will be followed by a co-lecture of 5 minutes by a member of the Scientific Advisory Board. The accepted posters also will be present in the conference during the days.

All accepted abstracts will be published in 3rd issue of the conference proceedings by Secretariat of the conference (esto@publicist.com). Deadline for submission is 1 January 2004 to achieve printing before the conference. Contributions should be limited to 1 page maximum. Further details and full instructions for authors can be found under:

<http://www.dte-areo.org>

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New IOBC/wprs Publications

New IOBC/wprs Bulletins

The Publication Commission of the IOBC/wprs has issued the following

Bulletins in 2003 (including the Contents of the Bulletins); see also *Profile 35*: 24-39 for IOBC/wprs Bull. 26(1-7), 2003 or visit the IOBC/wprs homepage.

IOBC/wprs Bulletin Vol. 26(8) 2003

Working Group „Integrated Protection and Production in Viticulture”.
 Proceedings of a Meeting at Volos (Hellas), 18-22 March, 2003.
 Edited by: Carlo Lozzia. ISBN 92-9067-156-2 [xvi + 330 pp.]

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Working Group „Integrated Plant Protection in Fruit Crops”, Sub Group „Arthropod Pests“, Proceedings of a Workshop on arthropod pest problems in pome fruit production. Vienna, Austria, 10 – 14 March 2002. Edited by: Jerry V. Cross & M.G. Solomon. ISBN 92-9067-159-7 [x + 119 pp.].

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Other interesting publications brought to attention of Profile

Helyer, H. et al. (2003): A Color Handbook of Biological Control in Plant Protection. – 126 pp., >400 colour photos, Timber Press, 133 SW Second Ave., Suite 450, Portland, OR 97204-3527, USA. Fax: 1-503-227-3070. Phone: 1-503-227-2878. Web: <http://www.timberpress.com>.

Lenteren, J.C. van (ed., 2003): Quality Control and Production of Biological Control Agents, Theory and Testing Procedures. – 352 pp., Wallingford (UK) (CABI Publishing), £ 65.00 (ISBN 0851996884).

Wilps, H. (2003): Locust Literature 2003 CD. – EUR 57,00: ISPI, Dr. B. Zelazny, Eulerweg 3, D-64347 Griesheim, ispi@pestinfo.org. For scientists in developing countries the CD is available free of charge from:
hans.wilps@gtz.de

The aim of the CD is to provide scientists working on the management of locust and grasshopper pests access to relevant scientific literature. Specially those working in developing countries often have only limited possibilities for literature searches and for obtaining publications. We hope that this collection of references and of full text articles will promote and facilitate research on this important group of insect pests.

Time-Table of forthcoming events

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

30 - 31 March, 2004: Meeting of the WG “Integrated Protection in Oilseed Crops”, Rothamsted, UK. – Birger Koopmann, Institute for Plant Pathology and Plant Protection, Univ. of Göttingen, Grisebachstr. 6, 37083 Göttingen, Tel +49-551-393779, e-mail: bkoopma@gwdg.de

4 May, 2004: 56th International Symposium on Crop Protection, Gent, Belgium. – Kris De Jonghe, Secretary-general ISCP, Department of Crop Protection, Faculty of Agricultural and Applied Biological Sciences, Ghent University, Coupure Links 653, B-9000 Ghent, Belgium, Tel +32/9/2646022, Fax +32/9/2646238, e-mail: iscp@ugent.be, <http://www.iscp.ugent.be>

30 - 31 March, 2004: Meeting of the IOBC/wprs Working Group “Integrated Protection in Oilseed Crops”, Rothamsted, UK. – Birger

- Koopmann, Institute of Plant Pathology and Plant Protection, Georg-August-University of Göttingen, Grisebachstr. 6, D-37077 Göttingen, Germany, Phone: +49 (0) 551-39-3776, Fax: +49 (0) 551-39-4187 e-mail: bkoopma@gwdg.de, Web: <http://www.gwdg.de/~instphyt>
- 05 - 9 May, 2004: International Joint Workshop on PR-Proteins and Induced Resistance. Risø, Denmark. – Further information: <http://pr-ir2004.risoe.dk/index.htm>
- 09 - 13 June, 2004: Joint Workshop “Management of plant diseases and arthropod pests by BCAs and their integration in agricultural systems” of the IOBC/wprs Working Groups “Biological Control of Fungal and Bacterial Plant Pathogens”, “Integrated Control in Protected Crops, Temperate Climate” and “Integrated Control in Protected Crops, Mediterranean Climate”, S. Michele all’Adige, Trentino (Italy). – <http://www.ismaa.it/uodifesa/iobc.html>, Registration form: <http://www.ismaa.it/html/ita/uodifesa/convegna/registation.html>
- 01 - 06 August, 2004: 37th Annual Meeting of the Society for Invertebrate Pathology, Helsinki (Finland). – Mark Goettel, e-mail: goettel@em.agr.ca
- 07 - 12 August, 2004: 12th International Symposium on Insect-Plant Relationships, Berlin (Germany). – Prof. Dr. Monika Hilker, FU Berlin, Biologisches Institut (Angewandte Zoologie / Tierökologie), SIP Conference Bureau, Haderslebener Str. 9, 12163 Berlin, Tel 030/8385-3918, Fax 030/8385-3897, e-mail: sip12@zedat.fu-berlin.de, <http://www.biologie.fu-berlin.de/SIP12-Berlin>
- 15 - 21 August, 2004: 22nd International Congress of Entomology „Strength in Diversity“, Brisbane (Australien). – Carillon Conference Mgmt., POBox 177, Red Hill, QLD 4059, Australia, Tel. +61-7-3368-2644, e-mail: ice2004ccm.com.au, <http://www.ICE2004.org>
- 06 - 10 September, 2004: 9th International Symposium "Ecology of Aphidophaga", Ceske Budejovice, Czech Republic. – Dr. Ivo Hodek, Institute of Entomology, Academy of Sciences, Branisovska 31, Ceske Budejovice, 370 05 Czech Republic. e-mail: hodek@entu.cas.cz, http://www.entu.cas.cz/conf_pages.phtml?confid=4
- 16 - 19 September, 2004: IOBC Conference on “Breeding for Plant Resistance to Insects, Mites and Pathogens”, Białowieża, Poland. – http://www.iobc-wprs.org/wg_sg/index.html
- 26 - 30 September, 2004: IOBC/wprs Working Group "Integrated Plant Protection in Fruit Crops", Baselga di Piné, (Italy: Trento). – Jerry Cross, Entomology and Plant Pathology, Department, Horticulture Research International, East Malling, West Malling, Kent, ME19 6BJ, UK, e-mail: jerry.cross@hri.ac.uk
- 26 - 30 September, 2004: IOBC/wprs Working Group “Pheromones and other semio-chemicals in integrated production”, Baselga di Piné (Trentino, Italy). – Peter Witzgall, SLU, Box 44, S-230 53 Alnarp,

- Sweden, <http://www.phero.net/iobc/index.html>
- 11 - 13 October, 2004: Working Group "Entomopathogens and Entomoparasitic Nematodes", Sub Group *Melolontha*, Innsbruck (Austria). – see page 22 of this issue of *Profile*.
- 05 - 08 October, 2004: IOBC/wprs Working Group "Integrated Protection in Oak Forests". 4th Meeting, Hammamet (Tunisie). – Mohamed El Habib BEN JAMAA, Unité de Gestion et de Valorisation des Ressources Forestrières, INRGREF, B.P. 10, 2080 Tunis (Tunisie), Fax ++216-71717951, e-mail: benjamaa.lahbib@iresa.egrinet.tn, for details visit the IOBC/wprs website: <http://www.iobc-wprs.org>
- 05 - 10 October, 2004: 2nd European Whitefly Symposium, Cavtat (Croatia). – H. Aras, Institute for Adriatic Crops and Karst Reclm., PO Box 288, 21000 Split, Croatia. Tel ++385-213-16579, Fax ++385-213-16584, e-mail: Helenka@krs.hr, Web: <http://www.whitefly.org/EWSII-info.htm>.
- 25 - 31 October, 2004: 13th Botrytis Symposium, Antalya (Turkey). – Dr. Yigal Elad, e-mail: elady@volcani.agri.gov.net.il

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- 10 - 14 April, 2005: IOBC/wprs WG "Integrated Control in Protected Crops, Temperate Climate", Turku (Finland). – Irene Vanninen, Agrifood Research Finland (MTT), Plant Production Research, Plant Protection, 31600 Jokioinen, Finland, tel. +358-3-4188 2580, fax +358-3-4188 2584, e-mail: Irene.Vanninen@mtt.fi

<p>17 - 21 September, 2005: IOBC/wprs General Assembly, Dijon (France). – Dr. Claude Alabouvette, UMR INRA Université de Bourgogne, Microbiologie, Géochimie des Sols (MGS), 17 rue Sully, BP 86510, F-21065 DIJON CEDEX, tel: +33 (0) 380693041, fax: +33 (0) 380693224, e-mail: ala@dijon.inra.fr, Web: http://www.iobc-wprs.org</p>

Next Issue of Profile

The summer-issue of *Profile* (number 37) will be edited in July 2004. Please send your contributions for this issue of *Profile* to me at the latest:

1 July, 2004

but don't hesitate to contact me long before this deadline! Please send your contributions by e-mail (preferably), mail or fax to:

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