



IOBC

Global

International Organization  
for Biological Control



## IOBC Newsletter Issue 95, June 2014

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### Message from the President:

The IOBC-Global Executive Committee met recently in Pergine Valsugana, Italy, in association with the 8th Meeting of the IOBC-WPRS Working Group "Integrated Plant Protection in Fruit Crops" (sub-group: "Soft Fruits"). The conference was held at the research centre of Fondazione Edmund Mach, where we were made extremely welcome by the organising committee Alberto Grassi, Danielle Prodorutti, Erica Candioli, and also Claudio Ioriatti (WG Convenor) and Christian Linder (Sub-Group Convenor). I would like to thank everyone involved in making this conference such a success, and for the very warm reception that the Global Executive Committee received.



We were fortunate that Eric Wajnberg, the Editor of our IOBC journal **BioControl** was able to attend our Executive Committee meeting to give us an update of how things are going with the journal. The good news is that **BioControl** is now in the top 10 entomology journals, with an impact factor of over 2.0, and it seems likely to remain strong in the near future. As you can imagine, there is a positive relationship between impact factor and numbers of papers submitted, so the quality of the journal will continue to increase. There is a really good incentive to consider **BioControl** for your next paper!

*(continued on next page...)*

*Message from the President (continued ....)*

The editorial board of **Biocontrol** comprises 13 Associate Editors who are all committed to a fast turn-around time for papers. In 2013 this was down to about 50 days. Furthermore, the publishers (Springer) are able to get electronic versions of accepted papers out very rapidly. Eric is encouraging ideas for 'special issues', and introduced us to the idea of 'virtual' web-only issues. So if you have an idea for a special issue of a hot topic around biological control, I'm sure Eric would be interested to hear about it [[eric.wajnberg@sophia.inra.fr](mailto:eric.wajnberg@sophia.inra.fr)]. Also if you are organising a conference or symposium on biological control, consider whether a collection of papers from the meeting would lend themselves to a special issue. In summary, I think we should put our hands together for Eric and his team and applaud them for the fantastic job they are doing for our journal.



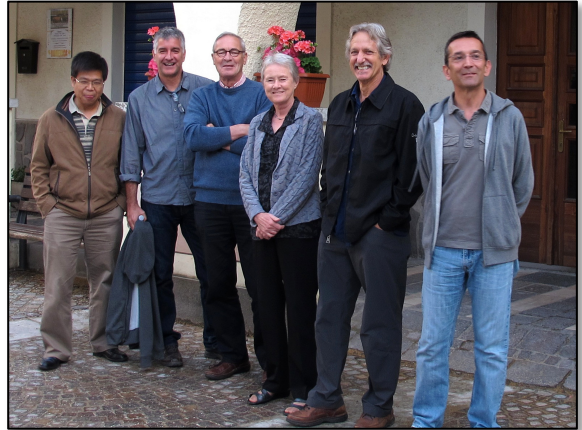
One reason for holding our meeting in conjunction with a WPRS Working group meeting was to provide us with an opportunity to meet with WPRS Executive Committee members who were attending. Ilaria Pertot, Vice President of WPRS, who is based at the Fondazione Edmund Mach, gave us an update on how things are going in this Regional Section. WPRS recently elected a new Executive Committee, and we discussed the issues that they are handling currently, and some new initiatives that they are considering. Watch this space.....

There has been some further activity by our Global Commission on Biological Control and Access and Benefit Sharing. IOBC has been very concerned that our ability to explore for and exchange biological control agents freely between countries as we have in the past will be severely compromised by this international protocol. FAO funded us to produce a report on implications of ABS for biological control, which we did in 2009. FAO has recently invited us to formulate a document on voluntary codes of conduct, guidelines, and best practices for biological control in relation to ABS. Peter Mason and Matthew Cock, with input from other members of the commission produced a document 'Best Practices for the use and exchange of biological control genetic resources relevant for food and agriculture'. This has been submitted to FAO, in particular to the FAO Commission's Intergovernmental Technical Working Group on Plant, Animal and Forest Genetic Resources. This group will meet later this year to prepare for the FAO Commission's 15th Regular Session in January next year. The document will also be provided to the FAO Commission's Team of Technical and Legal Experts on Access and Benefit Sharing - the intention is for a draft document to be developed on 'Elements to Facilitate Domestic Implementation of ABS for Subsectors of Genetic Resources for Food and Agriculture'. It is a good sign that biological control is being considered as a 'subsector' that needs to be 'facilitated'. Indications are that it will be several years before these issues are finally resolved.



As summarized by Barbara on page 1, The IOBC-Global Executive Committee met recently in Pergine Valsugana, Italy. Some of the points not already covered:

**Finances:** Overall IOBC-Global finances are in good shape. Josep (our Treasurer) emphasized that awards for students attending a conference or working group meeting should be covered in a single fund transfer to the meeting convener, from which he or she then pays each student upon checking receipts. It was clarified that there is a 500 € maximum per student, and a maximum of 3,000 € per any one symposium.



**Symposia for International Congress of Entomology; September 2016 in Florida.** We have until March 2015 to submit proposals for symposia, which should include names of conveners and speakers' names and commitments. We've begun to develop ideas, and look for organizers. It was suggested that we might try to collaborate with IOBC-NRS in proposing and co-sponsoring one or more symposia. We can support up to 4 symposia financially. Send your ideas to any member of the Executive Committee.



**IOBC - Global Website:** We need more and better photos for our website banners! Please send any good photographs related to biological control (resolution of 72 dpi is sufficient) to: [messing@hawaii.edu](mailto:messing@hawaii.edu)



**International Organisation for Biological Control (IOBC)**

Organisation Internationale de Lutte Biologique (OILB)

**Updates on Regional Sections:** The Asia-Pacific Regional Section (APRS) has a new Executive Committee (see page 9) that is dedicated and energetic. They have had a symposium accepted for the Australian Entomological Society Conference (50<sup>th</sup> anniversary) (28 September – 1 October 2014, in Canberra) on '*Biological control in the Asia-Pacific Region: highlights from the last 50 years and emerging issues for the future*'. This will be an opportunity to promote IOBC- APRS in Australia and to get new members. There is progress afoot to shore up finances, increase membership, and improve and update the website.



Also, The Afro-Tropical Regional Section is experiencing an exciting new awakening. See details on page 5.

## Successful IOBC-Global IWGO meeting in Chicago

Following long standing tradition, 104 scientists from 15 countries met in Chicago, U.S.A. to attend the 25<sup>th</sup> Conference of the International Working Group of *Ostrinia* and other maize pests (IWGO) from 13 -17 April, 2014. IWGO is a global working group of the International Organisation of Biological Control (IOBC Global).



Participants came from North America, Europe, Asia, South America and Africa - with higher than usual attendance of scientists from the United States. For the first time, Dr Ulrich Kuhlmann, Convenor of IWGO, could welcome participants from Argentina, Brazil, South Africa, South Korea and Laos, clearly demonstrating the high and growing global interest in this IWGO Conference and the scientific programme. The 25<sup>th</sup> IWGO Conference was linked again with the 4<sup>th</sup> International Conference on *Diabrotica* Genetics, and as pointed out by Dr Tom Sappington, Co-Convenor of IWGO and local organiser, was notably unique in being jointly held for the first time together with the North Central Corn Entomologist Technical Committees (NCCC46 and NC205). This allowed United States maize experts to

exchange information with international scientists working on insect pests of maize of reciprocal concern to the U.S.A., Europe and elsewhere. An impressive number of 60 professional oral presentations were given during the 12 scientific sessions, resulting in a packed but exciting programme. Remarkably, even the very late talks stimulated substantial and lively discussions, indicating not only the high quality of the talks but also that the conference spans an interesting, not too wide, scientific area of common concern. Furthermore, 21 posters presented additional new information on conference subjects. These posters were visited and discussed extensively. Last but not least, the final day of the conference was used to exchange information in a more flexible way, focusing on ideas for future directions and coordination of rapidly expanding 'omics' research on *Ostrinia* and *Diabrotica*, as well as the latest information regarding biological and economic risks and benefits of neonicotinoid seed treatments used in maize.

Even after long days, conference participants activated energy reserves to explore a bit of downtown Chicago, and particularly to join the IWGO "Take Me Out to the Ballgame" night: a major league baseball match between the Chicago White Sox and the Boston Red Sox! For many of the non-Americans this was the first baseball match seen live and was highly appreciated, at least when ignoring the freezing temperatures. An IWGO entomologist even caught a home run ball while enjoying a beverage behind the right-field fence!



Kelton Welch, Geoffrey Jaffuel, Mario Schumann, Christina Mogren & Mike Bredson (left to right) received travel funding from IOBC-Global. Darija Lemic & Jennifer Maxwell (not pictured) also received funds.  
[photo: KCS, Delemont]

The well-organized conference was successful in exchanging the newest information on innovative management of maize pests, both above and below ground; of particular interest was the progress in science and product development against the Western Corn Rootworm, where resistance against *Bt*-traits is of increasing concern. There is no doubt the joint meeting facilitated opportunities to foster new collaborative projects between scientists who use a variety of different approaches to tackle similar problems.



Dr. Wang Zhenying (co-convenor) will host the next IWGO meeting in Beijing, China:  
[zywang@ippcaas.cn](mailto:zywang@ippcaas.cn)

After several years of inactivity, the IOBC Afro-Tropical Regional Section (ATRS) is getting re-energized and re-organized with a new Executive Committee and bright plans for the future.

Thanks to the hard work, patience, and diligence of Dr. Rene Noel Poligui from Gabon, the newly formed committee is diverse and well balanced, with representatives from West, East, and South Africa, and experience in several different aspects of biocontrol.



Here is a brief introduction to the new ATRS Executive Committee:



**President: Dr. Rene Noel Poligui** is an entomologist, researcher and teacher at the Institut National Supérieur d'Agronomie et de Biotechnologies (INSAB), University of Sciences and Technologies of Masuku (USTM), Franceville, Gabon. He received his PhD from the University of Liège, Belgium in 2014. He studies assessment and identification of insects (pests and beneficials) occurring within Afro-tropical crops, including interdisciplinary and complementary field and laboratory approaches.



**Vice President: Dr. Costas Zachariades** works for the Agricultural Research Council - Plant Protection Research Institute (PPRI) in Hilton (near Cape Town) South Africa. He has extensive experience working on biological control of the weed *Chromolaena odorata*, as well as other invasive plant species. He was the convener of the IOBC-Global International Chromolaena Working Group from 2007-2014, organizing workshops and an informative web site.



**Vice President: Dr. Samira A. Mohamad** is a researcher with the African Fruit fly Program at ICIPE in Nairobi, Kenya. She obtained her MSc from Wageningen Agricultural University, the Netherlands in 1991 and her PhD from the University of Gezira, Sudan in 2003. Her specialization is in integrated insect pest management with particular interest in biological control (classical and augmentative). She has more than 10 years working experience on fruit fly management.



**Secretary General: Dr. Ruan Veldtman** works for the South African National Biodiversity Institute, based at the Dept. of Conservation Ecology and Entomology at Stellenbosch University in South Africa. "One of my responsibilities is to lead research within the South African component of the Global Pollination Project. I link to existing programs ... around conservation, managing insect abundance, and use of ecosystem resources, specializing in crop pollination services and related resource dependence."



**Treasurer: Dr. Koffi Eric Kwadjo** is a plant protection entomologist at the University Nangui Abrogoua in Abidjan, the economic capital of Cote d'Ivoire. He works on Implementation of strategies for the integrated and sustainable fight against pests of crops and stored products (biopesticides); basic and applied research in integrated management and health quality of crops and stored products; and assessment of biological effectiveness and eco-toxicological effects of pesticides of insect pests of crops and stored foods.

Under the able leadership of convener **Costas Zachariades**, the Global Working Group on Biological Control of *Chromolaena odorata* (Siam Weed) has had a solid record of meetings, workshops, publications, and the kind of networking on international pest problems that IOBC is well known for. The Executive Committee wants to express its sincere appreciation for Costas' efforts over the last 7 years. Costas has now moved on to become Vice-President of IOBC-ATRS (African-Tropical Regional Section), and has turned over the reins of the working group to long-time member Dr. **Michael Day**,



Senior Entomologist at Biosecurity Queensland; Department of Agriculture, Fisheries & Forestry, Brisbane, Australia.



Michael has been involved in weed biological control for over 30 years, working for both CSIRO Entomology at Long Pocket Laboratories, Brisbane and for the past 18 years with the Queensland Government at the Alan Fletcher Research Station and more recently at the Ecosciences Precinct. He currently leads several biocontrol projects on *Chromolaena odorata*, *Mikania micrantha*, *Lantana camara* and *Cylindropuntia* spp. He led the highly successful biocontrol of chromolaena project in Papua New Guinea, using the gall fly *Cecidochares connexa* and was involved in a similar project in Timor

Leste. He also led a project on the biocontrol of *Mikania micrantha*, introducing the rust

*Puccinia spegazzinii* into PNG and Fiji, and more recently into Vanuatu.



Michael has also been working with researchers in South Africa, United Kingdom, USA, Mexico and Australia trying to improve the biocontrol of lantana. Lantana has been targeted for biocontrol since 1902 and despite all efforts, is still not under adequate control anywhere in the world. Michael has been particularly interested in the factors limiting successful biocontrol and has co-authored a monograph on lantana. He has coordinated several biocontrol of weeds courses which have attracted numerous biocontrol practitioners from around the world.

At the suggestion of **Jianqing Ding** (IOBC-Global Vice President and working group member), and after some discussion, the working group decided to expand its focus slightly and take the new name: **Biological Control and Management of Eupatorieae Weeds**. As articulated by Michael "The argument for including all Eupatorieae is that there are active biocontrol projects against numerous species in several countries; and there are similar agents on *Chromolaena* and *Ageratina* and both weeds have similar habits. In addition, there are good agents on all these weeds - but these have not been widely released globally. So there is a good case to tackle all these weeds at the same time under a Working Group, rather than trying to target one agent on one weed in one country. Expanding would certainly increase the participation and interest across regions."

We wish Michael the best of luck, and encourage anyone with an interest in management of Eupatorieae weeds to contact him ([michael.day@deedi.qld.gov.au](mailto:michael.day@deedi.qld.gov.au)) and to join the working group.





[www.ippc2015.de](http://www.ippc2015.de)  
[ippc@conventus.de](mailto:ippc@conventus.de)

International Congress on Invertebrate Pathology and Microbial Control & Annual Meeting of the Society for Invertebrate Pathology August 3 - 7, 2014 at Johannes Gutenberg University in Mainz, Germany. [sip2014@jki.bund.de](mailto:sip2014@jki.bund.de)

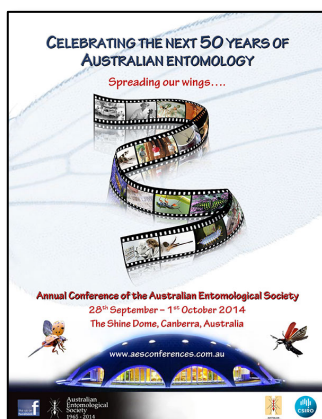


A meeting of the IOBC-WPRS Working Group "Integrated Control in Protected Crops, Temperate Climate" will be held in Ghent, Belgium 14-18 September 2014. [iobcghent2014@pcsierteelt.be](mailto:iobcghent2014@pcsierteelt.be)



62<sup>nd</sup> Annual Meeting of the Entomological Society of America: November 16-19, 2014 in Portland, Oregon, USA. <http://www.entsoc.org/home>

New Ag International & IBMA join forces for inaugural Biocontrol Asia Conference to precede the 13th Annual New Ag International Conference & Exhibition: 17-20 March, 2105 in New Delhi, India. [conferences@newaginternational.com](mailto:conferences@newaginternational.com)



Australia Entomological Society Conference  
 28 September – 1 October 2014, Shine Dome, Canberra.  
[sally.brown@sallybcc.com.au](mailto:sally.brown@sallybcc.com.au)

For more information on upcoming meetings, see: <http://www.iobc-wprs.org/events/index.html>  
 and <http://www.iobcnrs.com/index.php/events-calendar>

**BioControl**, the official journal of IOBC, presents original papers on basic and applied research in all aspects of biological control of invertebrate, vertebrate and weed pests, and plant diseases. Coverage includes biology and ecology of organisms for biological control, and aspects of use including biological controls for integrated pest management, such as plant resistance, pheromones and intercropping. Organisms covered include parasitoids, invertebrate and vertebrate predators of pest animals and plants, mites, plant and insect pathogens, nematodes, and weeds. The journal publishes interdisciplinary papers with a global perspective on the use of biological control in integrated pest management systems, and related developments in molecular biology and biotechnology that have direct relevance.



**BioControl** also publishes forum papers and invited reviews and Letters to the Editor.



<http://link.springer.com/journal/105>

### Blocked access to IOBC Website?

It was noted some months ago that access to the IOBC-Global website was blocked at some locations in Australia, when Bill Palmer (President of APRS) tried to view the site.

This blockage was traced to **Websense**, “a company specializing in computer security software which is used by businesses and government institutions to protect their networks from cybercrime, malware, stop data theft, prevent users from viewing sexual or other inappropriate content, and discourage employees from spending time browsing non-business-related websites.”



Websense mistakenly categorized our IOBC website as “advertising,” so it was consequently filtered. After contacting the company the problem was resolved. Encountering Websense ‘block page’ errors is annoying, and an unwelcome interruption to our work, but it can usually be rectified by calling their Service Desk. Often the site is then accessible within three hours. If you run into problems accessing any IOBC website in the future, please have your IT specialist contact Websense to determine if that is the source of the problem.



**West Palearctic Regional Section (WPRS) [www.iobc-wprs.org](http://www.iobc-wprs.org)**

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Vice Presidents	Dr. Andrea Lucchi, Italy: <a href="mailto:andrea.lucchi@unipi.it">andrea.lucchi@unipi.it</a> Dr. Ilaria Pertot, Italy: <a href="mailto:ilaria.pertot@fmach.it">ilaria.pertot@fmach.it</a> Dr. Lene Sigsgaard, Denmark: <a href="mailto:les@plen.ku.dk">les@plen.ku.dk</a>
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Treasurer	Dr. Sylvia Blümel, Austria: <a href="mailto:sylvia.bluemel@ages.at">sylvia.bluemel@ages.at</a>

**Nearctic Regional Section (NRS) [www.iobcnrs.com](http://www.iobcnrs.com)**

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**Asia and the Pacific Regional Section (APRS) [www.aprs.iobc.info](http://www.aprs.iobc.info)**

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Past President	Leigh J. Pilkington, Australia, <a href="mailto:president@aprs.iobc.info">president@aprs.iobc.info</a>

**Neo-tropical Regional Section (NTRS) <http://ntrs.iobc.info/espanol/publications.htm>**

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**East Palearctic Regional Section (EPRS)**

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### Mass Rearing and Quality Assurance

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 Dr. T. Coudron, USA: [coudront@missouri.edu](mailto:coudront@missouri.edu)  
[www.amrqc.org](http://www.amrqc.org)



### Ecology of Aphidophaga

Contacts: J. P. Michaud, USA (chair): [jpmi@ksu.edu](mailto:jpmi@ksu.edu), Kris Giles (USA),  
 Nick Kavallieratos, GREECE; Carlo Ricci, ITALY; Wolfgang Weisser, GERMANY  
[www.aphidophaga.org](http://www.aphidophaga.org)



### Biological Control and Management of Eupatorieae Weeds

Contact: Michael Day, Australia: [michael.day@deedi.qld.gov.au](mailto:michael.day@deedi.qld.gov.au)  
<http://www.arc.agric.za/home.asp?pid=5229>

### Biological Control of Diamondback Moth & other Crucifer Insects

Contact: Dr. Tony Shelton, USA: [ams5@cornell.edu](mailto:ams5@cornell.edu)  
<http://web.entomology.cornell.edu/shelton/diamondback-moth/>



### Benefits and Risks Associated with Exotic Biological Control Agents

Contacts: Dr. Peter Mason, CANADA: [masonp@agr.gc.ca](mailto:masonp@agr.gc.ca)  
 Dr. George Heimpel, USA: [heimp001@umn.edu](mailto:heimp001@umn.edu)



### Biocontrol of *Ostrinia* and Other Maize Pests

Contacts: Dr. Ulli Kuhlmann, SWITZERLAND: [u.kuhlmann@cabi.org](mailto:u.kuhlmann@cabi.org)  
 Dr. Tom Sappington, USA: [tsapping@iastate.edu](mailto:tsapping@iastate.edu)  
 Dr. Wang Zhenying, China: [zywang@ippcaas.cn](mailto:zywang@ippcaas.cn)  
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### Biological Control and Management of Parthenium Weed

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### Commission on Biological Control and Access and Benefit Sharing

Contact: Prof. dr. Jacques Brodeur, CANADA: [jacques.brodeur@umontreal.ca](mailto:jacques.brodeur@umontreal.ca)  
[www.iobc-global.org/download/659ABSinBiCoAddMat2009.pdf](http://www.iobc-global.org/download/659ABSinBiCoAddMat2009.pdf)



Join an IOBC International Working Group.... or propose a new one!  
 Working groups can operate on the global level, or within a regional section...

# Join IOBC...

Membership in IOBC is open to all individuals and all organizations, public or private, who desire to promote the objectives of biological control. There are four categories of

membership:

- Individual Membership is open to all individuals engaged or interested in biological control.
- Institutional Membership is open to any institution, including government departments, academies of science, universities, institutes and societies participating in biocontrol activities.
- Supporting Membership is open to any person or institution interested in promoting the objectives of the Organization.
- Honorary Membership may be conferred by the Council to anyone who has made outstanding contributions to biological control.



International Organization for Biological Control

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## IOBC Global Executive Committee:

Send ideas for the IOBC  
Global newsletter to:

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IOBC Secretary General  
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