



INTERNATIONAL ORGANIZATION FOR BIOLOGICAL CONTROL  
OF NOXIOUS ANIMALS AND PLANTS (IOBC)

# IOBC NEWSLETTER 90

[WWW.IOBC-GLOBAL.ORG](http://WWW.IOBC-GLOBAL.ORG)

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IOBC is affiliated with the International Council of Scientific Unions (ICSU)  
as the Section of Biological Control of the International Union of Biological Sciences (IUBS)

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You are invited to attend the General Assembly and the Symposia of IOBC Global which will be held during the International Congress of Entomology – August 2012



## 1. MESSAGE FROM THE PRESIDENT: AN INVITATION TO CONTRIBUTE TO IOBC ACTIVITIES

In these times of turmoil about the world peace and economy, the vitality of IOBC is a source of hopefulness for the future. As the world around us is moving into new and often undefined directions, IOBC must adapt, remains part of the discussion and contributes to global solutions. This is our mandate for biological control. A lively scientific organization depends on individual members who devote their time and dedication. An efficient organization should take action on a wide range of activities from supporting scientific meetings to public outreach. It is necessary for new members with original ideas and projects to get involved in IOBC. As the next General Assembly in Korea approaches, we are in the process of renewing the Executive Committee for IOBC Global. Please have a look to the message below about nominations for the new Executive Committee. We are looking for a board with diverse talents and individuals that are willing to volunteer their time and energy.

In this newsletter you will also see that we have reached an agreement with Springer, publisher of the book series *Progress in Biological Control*. IOBC members have now free access to all these books. This book series is a success and wishes to cover all aspects of biological control, from applied to fundamental aspects. I encourage you to contribute and submit your idea for a new book to Dr. Heikki Hokkanen, editor of the series.

The 2012 International Congress of Entomology is near and I hope you will be in Korea. IOBC Global will be involved through its General Assembly and the organization of four to six symposia (see below). I wish you all a productive year and would be pleased to hear from you with regard to any aspects of our Organization

Jacques Brodeur  
President IOBC Global  
Université de Montréal  
Québec, Canada

## 2. CANDIDATES FOR THE EXECUTIVE COMMITTEE OF IOBC GLOBAL 2012 - 2016

In August 2012, a new Executive Committee for IOBC Global will be elected during the General Assembly in South Korea. We now have candidates for all of the functions, but each IOBC member can still propose candidates. Nominations supported by 10 regular members may be sent with the written consent of the nominee to the Secretary General until 1 March 2012. Nominations should include a short biography, and a motivation why the person qualifies for a specific function in the Executive Committee member. Voting information will be sent out shortly after 1 March 2012.

## 3. WHY IS IT IMPORTANT TO BE MEMBER OF IOBC?

- Being part of the largest biological control organization worldwide.
- IOBC coordinates biological control activities worldwide and has 6 regional sections (Africa, Asia, East Europe, North America, South America, and West Europe) and many working groups.
- IOBC is the only truly worldwide organization representing research in biological control in various global, regional and national organizations (e.g. IUBS, FAO, EC, ICE) for more than 50 years
- IOBC developed practically applied biological control and integrated pest management programs

- IOBC was the first to develop IPM guidelines for all major crops in Europe and has since continued to contribute to the development of principles of sustainable agriculture, e.g. guidelines on Integrated Production.
- IOBC initiated and co-developed Guidelines for the export, shipment, import and release of biological control agents and other beneficial organisms (International Standard for Phytosanitary Measures Number 3, 32 pages, 2005; Secretariat of the International Plant Protection Convention; available at [www.FAO.org](http://www.FAO.org))
- IOBC initiated and co-developed methods to test side effects of pesticides on natural enemies, which are now the official standard for testing side effects in the European Union pesticide registration procedure and published as the EPPO standard for Environmental Risk Assessment Scheme for Plant Protection Products, Chapter 9, PP 3/9, EPPO Bulletin 33, 99-131; available at [http://archives.eppo.org/EPPOStandards/PP3\\_ERA/pp3-09\(2\).pdf](http://archives.eppo.org/EPPOStandards/PP3_ERA/pp3-09(2).pdf)).
- IOBC initiated and co-developed with the natural enemy producers guidelines for mass production and quality control of beneficial organisms (see: <http://www.amrqc.org>).
- IOBC co-developed with OECD a document on Guidance for Information Requirements for Regulation of Invertebrates as Biological Control Agents (IBCA) (OECD Series on Pesticides Number 21, Environment Directorate; Organisation for Economic Co-Operation and Development, Paris 2003, 22 pages; Available at <http://www.oecd.org/dataoecd/6/20/28725175.pdf>).
- IOBC Global and WPRS co-developed a tiered method for environmental risk assessment of natural enemies (Assessing risks of releasing exotic biological control agents of arthropod pests. Annual Review of Entomology, 51, 2006: 609-634. + supplemental material)
- IOBC contributed information on biological control and biodiversity to the FAO report “Genetic resources of importance to agriculture” (FAO, 2007).
- IOBC reviewed and made important contributions to paragraphs on sustainable agriculture and pest management in the UN-coordinated International Assessment of Agricultural Science and Technology for Development (UN, 2008).
- IOBC provided information to several organizations about natural enemies as quality indicators for biodiversity, and natural enemies as test organisms for side effects of pollutants and for pesticides as indicator of in and off field non-target effects.
- IOBC wrote, on request of FAO, a report on The use and exchange of biological control agents for food and agriculture (2009. Report prepared for the FAO Genetic Resources Commission by the IOBC Global Commission on Biological Control and Access and Benefit Sharing. IOBC, Bern, Switzerland: 88 pp.; <ftp://ftp.fao.org/docrep/fao/meeting/017/ak569e.pdf>). The full text of the FAO report can be downloaded from: [http://www.fao.org/nr/cgrfa/cgrfa-back/en/?no\\_cache=1](http://www.fao.org/nr/cgrfa/cgrfa-back/en/?no_cache=1)
- IOBC wrote a vision paper on the issue of Access and Benefit Sharing (ABS) for the journal BioControl, entitled “Do new Access and Benefit Sharing procedures under the Convention on Biological Diversity threaten the future of Biological Control?” (2010. Do new Access and Benefit Sharing procedures under the Convention on Biological Diversity threaten the future of Biological Control? BioControl; [www.springer.com/life+sci/entomology/journal/10526](http://www.springer.com/life+sci/entomology/journal/10526)).
- IOBC takes part in meetings related to ABS in order to make the interest of the biological control community clear in obtaining a non-monetary, harmonized ABS procedure.
- IOBC works together with the European Plant Protection Organization (EPPO) in the Joint EPPO/OIBC Panel on Biological Control Agents on the production of list of biological control agents widely used in the EPPO region (the so-named positive list) and of a list with deletions from the positive list.
- IOBC started discussions with EPPO to develop a procedure for evaluation of exotic natural enemies that are proposed for first time release in Europe.
- Reduced fees for scientific journals and free access to the Springer book series Progress in Biological Control (14 volumes in December 2011)

#### 4. FREE BOOK ACCESS TO SPRINGER BIOLOGICAL CONTROL BOOK SERIES FOR IOBC MEMBERS

Springer, the publisher of our journal BioControl and the book series Progress in Biological Control has created a webpage for IOBC members: [www.springer.com/IOBC](http://www.springer.com/IOBC). On this webpage you will find information about selected articles published in BioControl that you can download for free. Also, as a member of IOBC, you have free access to the Progress in Biological Control books.

In order to be able to get free access to the books, you will need to apply for a password (an IOBC Springer Token) at the Secretary General of YOUR regional section, so NOT at IOBC Global. *You can find the email address of your secretary general in this newsletter under Regional Sections of IOBC.*

#### Progress in Biological Control

Biological control of pests, weeds, and plant and animal diseases utilising their natural antagonists is a well-established but rapidly evolving field of applied ecology. Despite its documented applications and systematic development efforts for longer than a century, biological control still remains a grossly underexploited method of pest management. Its untapped potential represents the best hope to providing lasting, environmentally sound, and socially acceptable control of most problem pests in agriculture, and of invasive alien organisms threatening global biodiversity.

Based on the overwhelmingly positive features of biological control, it is the prime candidate in the search for reducing dependency on chemical pesticides. Public demand for finding solutions based on biological control is the main driving force in the rapid developments in the various strategies of utilising natural enemies for controlling noxious organisms. This book series is intended to accelerate these developments through exploring the progress made within the various aspects of biological control, and via documenting these advances to the benefit of fellow scientists, students, public officials, and the public at large. Each of the books in this series is expected to provide a comprehensive, authoritative synthesis of the topic, likely to stand the test of time.



See Section 9 (Publications) of this newsletter for the titles of the 14 books that have appeared so far.

#### 5. IOBC GLOBAL ORGANIZES 6 SYMPOSIA DURING THE 2012 ENTOMOLOGY CONGRESS



August 19-25, 2012 / EXCO, Daegu, Republic of Korea

IOBC Global is proud to announce that the South Korea Entomology Congress will host 6 symposia that will be organized by us. Convenors have already been identified for these symposia and we will soon start to invite speakers. The symposia titles are:

1. *Effects of climate change on biological control and adaptation of natural enemies to new environments*
2. *Generalist predators, molecular biology and biological control: tracking predation with new technologies*
3. *Can we better select and manipulate biological control agents when we know their genomics?*
4. *International Exchange and Risk Assessment of Biological Control Agents*
5. *Will new Access and Benefit Sharing procedures impede biological control of invasive insects?*
6. *Environmental benefits and risks of Biological Control*

More news about the IOBC symposia can be found at [www.ice2012.org](http://www.ice2012.org)

## 6. PUBLISH IN BIOCONTROL: MESSAGE FROM THE EDITOR-IN-CHIEF



Over the years, BioControl has established a leading role in publishing the finest and most exciting work in all aspects of biological control of invertebrate, vertebrate and weed pests, and plant diseases. The journal continuously delivers top-quality science output contributing to a sound development of efficient biological control programmes worldwide.

The journal's impact factor has steadily increased, demonstrating its recognized impact on the international scientific community. Recent changes now include a colourful and illustrative cover, an improved submission and a double-blind review procedure through Editorial Manager, and rapid turnaround times from manuscript evaluation and production to ensure their timely publication. Special issues are also published on a regular basis.

As one of the leading journals in biological control, we anticipate that BioControl will continue to be an exceptional media over many years to come for scientists from all over the world to publish their most innovative, stimulating and top-level results on biological control.

We look forward to receiving your manuscript for publication in BioControl. Details on online submission can found on the journal homepage: <http://www.springer.com/10526>

Eric Wajnberg, Editor-in-Chief BioControl

## 7. IOBC INTERNET BOOK ON BIOLOGICAL CONTROL

The **FIFTH EDITION** of the **IOBC INTERNET BOOK OF BIOCONTROL IS AVAILABLE ON IOBC-Global.org**



**Aim: to present the history, the current state of affairs and the future of biological control in order to show that this control method is sound, safe and sustainable**

The fifth edition of the book (2008) contains more than 130 pages with information about biocontrol is available for free on our website. We ask you to support the preparation of this book. The first priority is to receive summaries of the actual application of biological control in each country or region. The second priority is to document the history of



biological control in each country, including some key references, so that it will be easier for all biocontrol workers worldwide to know what has been done and what is going on at this moment. This will help us to make clear **how important biological control is**. We have received several very good contributions during the past months, which will be included in the sixth edition. THANK YOU !!!!

**8. THE SCHOOL OF BIOLOGICAL SCIENCES, NATIONAL UNIVERSITY OF LA PLATA (ARGENTINA) AND IOBC ORGANIZE A BIOLOGICAL CONTROL COURSE IN ARGENTINA, MARCH 2012: REGISTER NOW**



**Secretary of Postgraduate Studies, School of Biological Sciences, National University of La Plata (FCNyM, UNLP) in Collaboration with IOBC NTRS and Global**

**Announce the course “Advances in Biological Control by Arthropods”  
Which will be held from 12 – 16 March 2012 in La Plata, Argentina 2012  
(40 h- intensive Monday - Friday course)**

The aim of the course is to strengthen the knowledge of Biological Control (BC) and its implementation in Latin America. The course will focus on the use of arthropods as biocontrol agents against crop pests and weeds. The course is intended for entomologists, ecologists, agronomical engineers, technicians and extension service workers. We intend to provide tools, relevant knowledge and methodologies for developing suitable BC programs for the Neotropical Region. Active involvement in discussions and in case-study working groups are expected from the course participants.

**Course objectives**

1. To analyze critical aspects for the development of BC programs in Latin America, with emphasis on Argentina and Brazil.
2. To discuss the perspectives and limitations for implementing BC in the Neotropical Region.
3. To present information about national and international regulations as well as ecological risks involved in BC programs implementation.

**Maximum number of students: 30**

**Faculty:** Dr. Vanda H.P. Bueno (Universidade Federal de Lavras and CNPq, Brasil), Dr. Guillermo Cabrera Walsh (SABCL, USDA Hurlingham, Argentina), Dr. María G. Luna, Nancy Greco and Norma E. Sánchez (CEPAVE CONICET-UNLP and FCNyM, Argentina), Dr. Sergio Ovruski. PROIMI (CONICET Tucumán, Argentina), Dr. José Roberto P. Parra (Universidade de São Paulo, Brazil), and Dr. Joop van Lenteren (Wageningen University, The Netherlands).

***Preliminary titles of lectures:*** Implementation of biological control (BC) programs against pests and weeds. History and current situation of BC in Latin America. Limitations and perspectives of BC development in Argentina and Brazil. Evaluation of BC agents. Case studies for Latin America. Natural enemies mass production and quality control. Methods for storage, transportation, and release of natural enemies. Commercial development of natural enemies (bio-factories) in Latin America. Assessment of BC environmental risk. Shared access and benefits in relation to collection of natural enemies. Worldwide situation of augmentative BC. Regulations on importation, releasing and register of native and exotic natural enemies in Latin America, with emphasis on Argentina and Brazil.

The International Organization for Biological Control Global (IOBC-Global) will provide six scholarships for IOBC members younger than 35 years. Application for financial support, together with a CV, proof of membership of IOBC and a motivation for participation in the course should be sent to the course organizers (Nancy M. Greco: [ngreco@cepave.edu.ar](mailto:ngreco@cepave.edu.ar), and María G. Luna: [lunam@cepave.edu.ar](mailto:lunam@cepave.edu.ar)).

For more information, please visit: [www.fcnym.unlp.edu.ar/postgrado](http://www.fcnym.unlp.edu.ar/postgrado) (in Spanish); or contact: [cursospostgrado@fcnym.unlp.edu.ar](mailto:cursospostgrado@fcnym.unlp.edu.ar)

## 9. PUBLICATIONS

Free for IOBC members: access to books from the Springer series Progress in Biological Control. Overview of the 14 books that have appeared until now. For detailed information about the content of each book, go to <http://www.springer.com/series/6417?changeHeader>



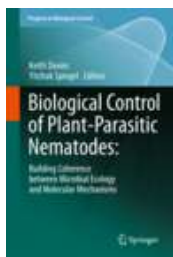
Smagghe, Guy; Diaz, Isabel (Eds), 2012. Arthropod-Plant Interactions. Novel Insights and Approaches for IPM. Series: Progress in Biological Control, Vol. 14, 129,95 €



Roy, H.; De Clercq, P.; Lawson Handley, L.-J.; Sloggett, J.J.; Poland, R.L.; Wajnberg, E. (Eds.), 2011. Invasive Alien Arthropod Predators and Parasitoids: An Ecological Approach. Series: Progress in Biological Control, Vol. 13, 99,95 €



Méryllon, Jean Michel; Ramawat, Kishan Gopal (Eds.), 2011. Plant Defence: Biological Control. Series: Progress in Biological Control, Vol. 12, 129,95 €



Davies, Keith; Spiegel, Yitzhak (Eds.), 2011. Biological Control of Plant-Parasitic Nematodes: Building Coherence between Microbial Ecology and Molecular Mechanisms. Series: Progress in Biological Control, Vol. 11, 129,95 €



Ravensberg, Willem J.A, 2011. Roadmap to the Successful Development and Commercialization of Microbial Pest Control Products for Control of Arthropods. Series: Progress in Biological Control, Vol. 10, 129,95 €



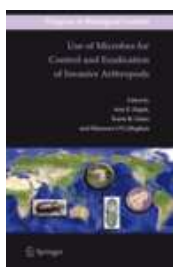
Consoli, Fernando L.; Parra, José R. P.; Zucchi, Roberto A., 2011. Egg Parasitoids in Agroecosystems with Emphasis on *Trichogramma*. Series: Progress in Biological Control, Vol. 9, 129,95 €



Gnanamanickam, Samuel S., 2009. Biological Control of Rice Diseases. Series: Progress in Biological Control, Vol. 8, 114,95 €



Lundgren, Jonathan G., 2009. Relationships of Natural Enemies and Non-prey Foods. Series: Progress in Biological Control, Vol. 7, 129,95 €



Hajek, Ann E.; Glare, Travis; O'Callaghan, Maureen (Eds.), 2009. Use of Microbes for Control and Eradication of Invasive Arthropods. Series: Progress in Biological Control, Vol. 6, 119,95 €





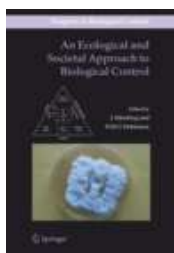
Romeis, Jörg; Shelton, Anthony M.; Kennedy, George (Eds.), 2008. Integration of Insect-Resistant Genetically Modified Crops within IPM Programs. Series: Progress in Biological Control, Vol. 5, 89,95 €



Gould, Juli; Hoelmer, Kim; Goolsby, John (Eds.), 2008. Classical Biological Control of Bemisia tabaci in the United States - A Review of Interagency Research and Implementation. Series: Progress in Biological Control, Vol. 4, 119,95 €



Brodeur, Jacques; Boivin, Guy (Eds.), 2006. Trophic and Guild Interactions in Biological Control. Series: Progress in Biological Control, Vol. 3, 124,95 €



Eilenberg, J.; Hokkanen, Heikki M. T. (Eds.), 2006. An Ecological and Societal Approach to Biological Control. Series: Progress in Biological Control, Vol. 2, 119,95 €



Hokkanen, Heikki M.T.; Hajek, Ann E. (Eds.), 2004. Environmental Impacts of Microbial Insecticides: Need and Methods for Risk Assessment. Series: Progress in Biological Control, Vol. 1

### **Weed biological control in South Africa: an impressive record of successes**

The South African weed biological control community is proud to announce the publication of a 372-page compilation of 29 papers that reviews research undertaken over the past 10 years on the biological control of invasive alien plants in South Africa: MORAN, V.C., HOFFMANN, J.H. & HILL, M.P. (Eds) 2011. Biological Control of Invasive Alien Plants in South Africa (1999-2010). African Entomology (Special Issue) 19: 177-549.

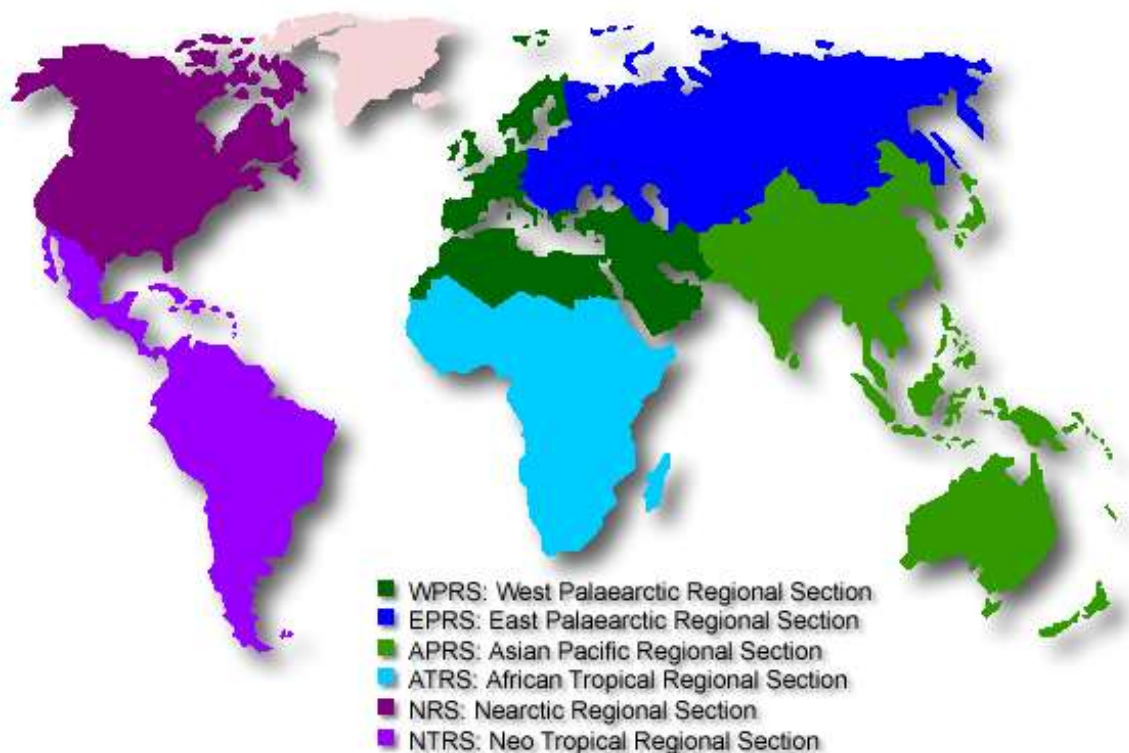
Invasive alien plants have become one of the greatest risks to the natural and agricultural environment of the country. Economic costs due to lost water, grazing and biodiversity are currently estimated at about R6.5 billion per annum. Although South Africa's spending on biological control is only about 5 % and 14 % of the amounts spent on mechanical and chemical control, respectively, the returns on investment from biological control are very impressive, with estimated benefit:cost ratios ranging from 8:1 up to 3726:1. These findings are discussed in one of the papers contained in the Special Issue: VAN WILGEN, B.W. & DE LANGE, W.J. 2011. The costs and benefits of biological control of invasive alien plants in South Africa. *African Entomology* 19: 504-514.



Left: Ayanda Nongogo, a member of the Weeds team, proudly displaying the Special Issue of *African Entomology* containing 29 review papers on the biological control of invasive alien plants in South Africa.

Text and photograph from: *Plant Protection News*, 89, July September 2011. Newsletter of the Plant Protection Research Institute (PPRI), Queenswood, South Africa. The newsletter can be obtained at: e-mail: [infoppri@arc.agric.za](mailto:infoppri@arc.agric.za); website: <http://www.arc.agric.za>

## 10. REGIONAL SECTIONS OF IOBC



Short information of all the Regional Sections, with a link to their websites, can be found on [www.IOBC-Global.org](http://www.IOBC-Global.org).

**ASIA AND THE PACIFIC REGIONAL SECTION (APRS)**

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**Secretary General:** Dr. Barbara Barratt, Programme leader for Biosecurity at AgResearch in New Zealand. Private Bag 50034 Mosgiel New Zealand, Email: barbara.barratt@agresearch.co.nz.

**Treasurer:** Gary Leason BSc, Organic Crop Protectants Pty Ltd, 42 Halloran St, NSW 2040 AUSTRALIA, garyl@ocp.com.au

**Past President:** Prof.dr. Eizi Yano

Website with all relevant information about APRS: <http://iobc-aprs.org>

Latest Regional Meeting August-September 2011, Australia/New Zealand:

During the 3rd Combined Australian and New Zealand Entomological Societies Conference (28 August – 1 September 2011, Lincoln University, Canterbury, New Zealand), APRS organised a symposium “Biological Control in Australasia: Current Successes and Future Directions”. IOBC Global supported the meeting by providing 5 grants to young IOBC members. They all presented a paper:

- Cecilia Romo, Univ of Canterbury, New Zealand: Not all natural enemies were created equal: Species-specific differential responses to climate change.
- Hang T Dao, Univ of Western Sydney, Australia: Impacts of Ant-Black Scale mutualism on the biological control of Red Scale.
- Ngaire Larsen, Plant and Food Research, Auckland and Massey University, New Zealand: Optimising methods for collecting beneficial Hymenoptera in orchards.
- Ronny Groenteman, Landcare Research, Lincoln, New Zealand: Above- and below-ground herbivore interactions: what do they mean for weed biocontrol outcome?
- M.G. Cripps, Lincoln Univ, New Zealand: Classical biological control of *Cirsium arvense*: lessons from the past.



Cecilia Romo



Hang Thi Dao



Ngaire Larson



Ronnie Groenteman



Michael Cripps

The following congress was also organized in the APRS region with participation of IOBC Global Working Groups and IOBC APRS:

**INTERNATIONAL SYMPOSIUM ON MASS PRODUCTION AND COMMERCIALIZATION OF ARTHROPOD BIOLOGICAL CONTROL AGENTS, October 21-24, 2011, Beijing, China**

Organized by Beijing Association for Science and Technology and jointly organized by the Entomological Society of Beijing, Natural Science Foundation of Beijing, State Key Laboratory of Biocontrol, Sun Yat-sen University, State Key Laboratory for Biology of Plant Diseases and Insect Pests, Ministry of Agriculture Key Laboratory of Molecular Biology of Crop Pathogens and Insects, Zhejiang University. Hosted by: the International Organization for Biological Control of Noxious Animals and Plants (IOBC), Biological Control Committee of the Entomological Society of China, Institute of Plant and Environment Protection, Beijing Academy of Agricultural and Forestry Sciences.

The Symposium emphasized new technologies of mass production of arthropod natural enemies of pests, especially with factitious hosts and prey, artificial diets, in vitro rearing methods, storage of mass reared parasitoids and predators, improved methods of packaging, shipment & release, and experiences with commercialization and marketing of mass produced parasitoids and predators.

Our Vice President Barbara Barratt presented one of the Plenary Lectures entitled Biological Control and the Convention on Biological Diversity “Access and Benefit Sharing” Regime. Simon Grenier, member of the IOBC Global AMRQC Working Group presented another plenary lecture on Artificial Rearing, Entomophagous Insects, General Outlines. About 200 participants from Canada, France, Belgium, The Netherlands, Austria, Italy, Newzealand, Tunesia, India, Uzbekistan, Korea, Vietnam, Thailand, China attended the meeting. The participants also visited the basic sites on mass production of natural enemies of pests & biodiversity of Beijing Environment & Plant Protection Institute in Beijing suburb as well as Beijing Forestry pests Biocontrol Center after the Sections.



Participants of the International Symposium in Beijing, China, October 2011



Barbara Barratt during the presentation of her plenary lecture Biological Control and the Convention on Biological Diversity “Access and Benefit Sharing” Regime

Beijing, China, October 2011

### AFROTROPICAL REGIONAL SECTION (ATRS)

We are still looking for candidates who are willing to organize and run this section. It is disappointing that after a lot of correspondence and exchange of ideas, we have not been able to form an Executive Committee in this region where so much biological control is applied.



### EAST PALEARCTIC REGIONAL SECTION (EPRS)

**President:** Dr. Danuta Sosnowska. Institute of Plant Protection, Department of Biocontrol and Quarantine, 60-138 Poznan, Mieczurina Str. 20, Poland.

Email: D.Sosnowska@ior.poznan.pl

**Vice-President:** Prof. Milka Glavendekic. University of Belgrade, Faculty of Forestry, Belgrade, Serbia; e-mail: milka.glavendekic@sfb.bg.ac.rs

**Vice-President:** Prof. V. Dolzenko, All-Russian Plant Protection Institute, St. Petersburg, Russia

**General Secretary:** Dr. Yuriy Gninenko, All-Russian Research Institute for Sylviculture and Mechanization of Forestry, e-mail: gninenko-yuri@mail.ru

**Executive secretary:** Dr. Edvard Sodomov, Moscow, Russia

**Past President:** Dr. Istvan Eke, Hungary



Latest Council meeting: February 2010, Poznan, Poland



**NEARCTIC REGIONAL SECTION (NRS)**

**President:** Doug Landis, Center for Integrated Plant Systems, Michigan State University, East Lansing, MI. landisd@msu.edu

**President-Elect:** Jonathan Lundgren, USDA-ARS, South Dakota, jonathan.Lundgren@ars.usda.gov<mailto:jonathan.Lundgren@ars.usda.gov>

**Past President:** Les Shipp, Agriculture and Agri-Food Canada, Harrow, Ont., N0R 1G0 Canada. Email: shipl@agr.gc.ca

**Vice-President:** Michael Brownbridge, Vineland Research & Innovation Centre, Ontario, Michael.Brownbridge@vinelandresearch.com<mailto:Michael.Brownbridge@vinelandresearch.com>

**Secretary Treasurer:** Stefan Jaronski, Pest Management Research Unit, Northern Plains Agricultural Research Laboratory, USDA-ARS, Sidney, MT. bug@midrivers.com

**Corresponding Secretary:** Donald Weber, USDA-ARS, Maryland, Don.Weber@ars.usda.gov

**Board Members-at-Large:** Steve Naranjo, USDA-ARS, Arizona,

Steve.Naranjo@ars.usda.gov<mailto:Steve.Naranjo@ars.usda.gov>

Paula Shrewsbury, Univ. of Maryland, pshrewsbury@umd.edu<mailto:pshrewsbury@umd.edu>

Cynthia Scott-Dupree, Univ. of Guelph, cscottdu@uoguelph.ca<mailto:cscottdu@uoguelph.ca>



NRS recently revamped its website: take a look at informative site [www.iobcnrs.com](http://www.iobcnrs.com),

And read the NRS Spring Newsletter: <http://www.iobcnrs.com/index.php/newsletter>

Latest meeting: annual IOBC NRS meeting during the ESA meeting in November 2011, Reno, USA

**NEOTROPICAL REGIONAL SECTION (NTRS)**

**President:** Pof. dr. Maria Manzano, Universidad Nacional de Colombia, sede Palmira, Colombia.

Email: mrmanzanom@palmira.unal.edu.co

**Corresponding Secretary:** Dr. Maria Gabriela Luna – CEPAVE, Argentina email: gabytripi@gmail.com

**Secretary-Treasurer:** Dr. William Cabrera, South American Biological Control Laboratory, Agricultural Counselor American Research Service Laboratory, USDA--ARS, U.S. Embassy–Buenos Aires. Unit 4325, APO AA 34034–0001.

Email: gcabrera@speedy.com.ar

**Vice President 1:** Dr. Yelitza Colmenares – CABi Caribbean and Latin America, Trinidad Tobago (y.colmenarez@cabi.org)

**Vice President 2:** Dr. Rosário Alzugaray – INIA – La Estanzuela, Uruguay (ralzugaray@inia.org.uy)

**Vice President 3:** Prof. Dr. Marcus Vinicius Sampaio – Federal University of Uberlandia, Brazil (mvsampaio@iciag.ufu.br)

**Past President:** Prof.dr. Vanda .H.P. Bueno, Department of Entomology/UFLA, P.O.Box 3037, 37200-000 Lavras, MG, Brazil. Email: vhpbueno@ufla.br



Latest meeting including a General Assembly meeting: Cuba, May 2011

Website with all relevant information about NTRS: <http://ntrs.iobc.info/>

**WEST PALEARCTIC REGIONAL SECTION (WPRS)**

**President:** Dr. F. Bigler, Federal Department of Economic Affairs DEA Agroscope Reckenholz-Tänikon Research Station ART, Biosafety Group Reckenholzstrasse 191, CH-8046 Zürich, SWITZERLAND, email: franz.bigler@fal.admin.ch

**Vice Presidents:** Dr. Lene SIGSGAARD, Sweden, les@life.ku.dk; Dr. Heidrun VOGT, Germany, www.jki.bund.de; Dr. Phyllis G. WEINTRAUB, Israel, phyllisw@volcani.agri.gov.il



**Secretary General:** Dr. Philippe Nicot, INRA, Unité de Pathologie Végétale, Domaine St Maurice - B.P. 94, F-84143 Montfavet Cedex, FRANCE, email: nicot@avignon.inra.fr

**Treasurer:** Dr. Sylvia Blümel, Austrian Agency for Health and Food Safety (AGES), Institute of Plant Health (PGH), Spargelfeldstr. 191, A-1220 Wien, AUSTRIA, email: sylvia.bluemel@ages.at

Latest Council meeting: Florence, Italy, October 2011

Website with all relevant information about WPRS: [www.iobc-wprs.org](http://www.iobc-wprs.org)

## 11. WORKING GROUPS OF IOBC GLOBAL

Below, we only present limited information about the Working Groups, most information is regularly updated on the websites of the working groups or the website of IOBC Global.

### WG ARTHROPOD MASS-REARING AND QUALITY CONTROL

**Dr. P. De Clercq**, Laboratory of Agrozoology, Department of Crop Protection, Faculty of Bioscience Engineering, Gent University, Belgium. Email: Patrick.DeClercq@ugent.be; **Dr. T. Coudron**, USDA-ARS, Columbia, Missouri, USA. Email: coudront@missouri.edu

Proceedings of the 4<sup>th</sup> – 10<sup>th</sup> workshops (1988-2003) are now available online on the website as pdf-files

Latest activity: A workshop of the AMRQC group was held in October 2010 in Vienna (Austria) in co-organisation with the International Atomic Energy Agency. The next meeting is planned to be held in India in 2013.

See website for details on future activities and for proceedings of meetings: [www.amrqc.org](http://www.amrqc.org)

### WG ECOLOGY OF APHIDOPHAGA

**Convenor:** IOBC Contact: **Dr. J.P. Michaud** (USA) Associate Professor of Entomology, Kansas State University Agricultural Research Center-Hays 1232 240th Ave. Hays, KS, 67601. Email: jpmi@ksu.edu. Co-convenors: Kris Giles, Nick Kavallieratos, Carlo Ricci, Wolfgang Weisser.

Latest activity: A working group meeting was held in September 2010 in Perugia (Italy), the next meeting is planned in 2013

See website for future activities: [www.aphidophaga.org](http://www.aphidophaga.org)

### WG BIOLOGICAL CONTROL OF CHROMOLAENA ODORATA (SIAM WEED)

**Convenor:** Dr. Costas Zachariades, ARC-PPRI, Private Bag X6006, Hilton, 3245 South Africa; Tel 033-3559418, cell 0833152100, fax 033-3559423. Email: ZachariadesC@arc.agric.za

Latest activity: the 8<sup>th</sup> International Workshop on Biological Control and Management of *Chromolaena odorata* and Other Eupatorieae was held in October 2010, Niarobi, Kenya

Newsletter: the *Chromolaena odorata* Newsletter is available on the website of the WG

Please visit the webpage of the Working Group at <http://www.arc.agric.za> ( <http://www.arc.agric.za/> ) 'Quick Links' or <http://www.arc.agric.za/home.asp?pid=5229>

**WG BIOLOGICAL CONTROL OF PLUTELLA**

**Convenors: Dr. A.M. Shelton**, Department of Entomology, Cornell University, New York State Agricultural Experimenta Station, 416 Barton Lab Geneva, NY 14456, USA. Tel: +1-315-787-2352. Fax: +1-315-787-2326. Email: ams5@cornell.edu. **Dr. A. Sivapragasam**, Strategic, Environment and Natural Resources Centre, MARDI, Kuala Lumpur, Malaysia. Email: sivasam@mardi.my. **Dr. D.J. Wright**, Department of Biology, Imperial College at Silwood Park, Ascot, Berkshire, UK. Email: d.wright@ic.ac.uk

Latetst activity: Working Group meeting in Thailand, March 2011.

See website for future activities: <http://www.nysaes.cornell.edu/ent/dbm/>

**WG BIOLOGICAL CONTROL OF WATER HYACINTH**

**Chairman: Dr Martin Hill**, Department of Zoology and Entomology, Rhodes University, P.O. Box 94, Grahamstown, 6140, South Africa. Email: m.p.hill@ru.ac.za

Latest activity: working group meeting in October 2000 in Beijing

Website: [www.waterhyacinth.org](http://www.waterhyacinth.org)

**WG EGG PARASITIDS**

This activities of this global working group have been be terminated since 2010.

**WG BENEFITS AND RISKS ASSOCIATED WITH EXOTIC BIOLOGICAL CONTROL AGENTS**

**Convenors: Dr. P. Mason & Dr. G. Heimpel**. Contact: Dr. Peter Mason, Agriculture and Agri-food Canada, Neatby Building Central Experimental Farm, 960 Carling Avenue, Ottawa, Ontario, K1A 0C6 Canada. Email: masonp@agr.gc.ca

A first meeting of this new WG was held in May 2010 in Canada.

**WG IWGO – OSTRINIA AND OTHER MAIZE PESTS**

**Convenors: Dr. U. Kuhlmann**; CABI-BioScience; Head Agricultural Pest Research CABI Bioscience Switzerland Centre, Delémont; Switzerland, Email: u.kuhlmann@cabi.org. **Dr. C. R. Edwards**; Purdue University; Dep. of Entomology; Indiana; USA; Email: richedwards@entm.purdue.edu. **Prof. Dr. Wang Zhenying**; Institute of Plant Protection of the Chinese Academy of Agricultural Sciences, Beijing, P.R. China, Email: zywang@ippcaas.cn

Latest activity: IWGO Conference from 23-26 October 2011 in Freiburg (i. Breisgau), Germany

Newsletter: the IWGO Newsletter is published on the website of the WG.

All relevant data, reports and future meetings are published on the IWGO website:  
<http://www.iwgo.org>

**GLOBAL WG ON BIOLOGICAL CONTROL AND MANAGEMENT OF PARTHENIUM WEED**

**Convenor: Kunjithapatham Dhileepan**, [Kunjithapatham.Dhileepan@deedi.qld.gov.au](mailto:Kunjithapatham.Dhileepan@deedi.qld.gov.au)

Latest activity: the first WG meeting was held in October 2010 in Kenya (see IOBC Global Newsletter 88 for report).

**GLOBAL WG ON TRANSGENIC ORGANISMS IN IPM AND BIOCONTROL**

**Convenors:** **Dr. Angelika Hilbeck**, Swiss Fed. Inst. of Technology, Geobotanical Institute, Zurichbergstr. 38, CH-8044, Zurich. Tel: +41 (0) 1 632 4322. Fax: +41 (0) 1 632 1215. Email: angelika.hilbeck@env.ethz.ch. **Dr. Salvatore Arpaia**, Italy. Email: arpaia@trisaia.enea.it. **Dr. Nick Birch**, UK. Email: n.birch@scri.sari.ac.uk. **Dr Gabor Lovei**, Denmark. Email: gabor.lovei@agrsci.dk;

Latest activity: Working Group meeting held from 6-9 June 2006 in ENEA Research Centre Trisaia, Rotondella, Italy

**12. LATEST NEWS**

**Material for website of IOBC Global: if you would like to mention an IOBC or biological control related activity on the website of IOBC Global, please send your message to Joop.vanLenteren@wur.nl and I will contact our website manager.**

**Next newsletter (issue 91) will be published in June 2011.**

**Editor: Joop C. van Lenteren, December 2011**