International Organisation for Biological Control (IOBC)
Organisation Internationale de Lutte Biologique (OILB)

In This Issue:

- President's Column
- Focus on IOBC Early Career Scientist Award Winners
- IOBC Awards Ceremony
- Feature: Biological Control of the Pest Millet Head Miner
- Working Group Reports
- Training Opportunities
- Training Opportunities
- Upcoming Events
- Upcoming Events Continuing
- Global Working Groups Contacts

For desktop computers, laptops, tablets and smartphones: www.iobc-global.org/news

Next issue: May: IOBC Global Executive Committee will be meeting in virtual meeting in August this year. If you would like to see any issues please email: secretary-general@iobc-global.org

President's Column

Interdisciplinary Biological Control in Beijing

The First International Congress of Biological Control was held in Beijing in May of 2018. The meeting was sponsored jointly by the Chinese organizations - The Chinese Society of Plant Protection and the Chinese Society of Plant Pathology – and the IOBC. One of the overriding themes of the Congress was the interdisciplinary nature of biological control. Over 1500 participants from 40 countries, with a wide variety of backgrounds, attended the Congress, which was a very successful meeting. We said a lot about biological control using a particular approach – the conservation or augmentation or importation of a single species of natural enemy to suppress a single pest species in which biological control agents can be seen to be successful and measuring success.

I believe that this is the first international conference on biological control that was all encompassing. Let me say, "that was only do we want to do this?" Why do we want to have a meeting that is so all encompassing? The reason is that we need to see what others are doing and what they are interested in. It can be exciting to step out of one's own area of research and see what others are doing. It can be very stimulating to see how others approach a problem and what they are working on. I was very pleased to see that there were many sessions at the conference on very exciting pathways using microorganisms, plant extracts, insect pheromones and land management that will multiply types of pests and diseases. They don't end just with insect pests, but also include weeds and plant diseases. The use of microorganisms, plant extracts, and land management in the field will also have made a tremendous difference and lead to several questions from biological control practitioners and researchers. Some of these questions will be addressed by the Global Working Groups of the IOBC. The Global Working Group of Arthropods Ecologists (GWGAE) will be meeting in Bangkok in November of this year and will be discussing the use of non-target arthropods in biological control. The Global Working Group of Pathogens of Arthropods will be meeting in Ecuador in November of this year and will be discussing the use of pathogens in biological control. The Global Working Group of Biological Control of Weeds, Plant Pathogens, Nematodes, Socio-Economic Impacts of Biological Control and Biological Control in Protected Crops will be meeting in Bangkok in November of this year and will be discussing the use of these organisms in biological control. The Global Working Group of Biological Control in Protected Crops will be meeting in Ecuador in November of this year and will be discussing the use of these organisms in biological control. The Global Working Group of Pathogens of Arthropods will be meeting in Ecuador in November of this year and will be discussing the use of pathogens in biological control. The Global Working Group of Biological Control of Weeds, Plant Pathogens, Nematodes, Socio-Economic Impacts of Biological Control and Biological Control in Protected Crops will be meeting in Bangkok in November of this year and will be discussing the use of these organisms in biological control. The Global Working Group of Biological Control in Protected Crops will be meeting in Ecuador in November of this year and will be discussing the use of these organisms in biological control.

Learn from these is a very good strategy for those who want to be successful in biological control. Learn from these is a very good strategy for those who want to be successful in biological control. Learn from these is a very good strategy for those who want to be successful in biological control.

IOBC is fast becoming part of an increasingly important approach to future agriculture called Sustainable Intensification (SI). This approach can be summarised as the 'Three Rs': Reduce, Replace, Redesign. Only the latter can bring about real change, while the other two make only small incremental contributions to the necessary improvements to sustainable food growing.

This will be the first time that IOBC-APRS has run such a workshop. A group of experts, mainly from the Asia-Pacific region, will lead the programme, including Prof. Steve Wratten (Lincoln University, NZ), Prof. Geoff Gurr (Charles Sturt University, Australia), Dr Kris Wyckhuys (Vietnam) and Prof. Jonathan Lundgren (USA).

Inexpensive accommodation and food will be available on the Lincoln University campus. Other accommodation and food options are available locally in Lincoln and in Christchurch, 17km away. Early-career attendees (aged 35 or under) may be be eligible for IOBC-Global grants to support participation.

Our aim is to make this important event a true workshop that involves interactive, blended-learning methods and small-group work. For group projects, we will establish replicated experimental plots in the discipline of CIBC at Lincoln University. Also we have on campus a 24-year managed, replicated, grassland experiment that provides a unique opportunity for researching CIBC in the context of invertebrate and plant communities.

To register your initial interest in this workshop (please indicate if you would like to take part regardless of IOBC funding support), please email Janine Johnson (janine.johnson@lincoln.ac.nz) **by 30 June 2018**.

Return to Top

Upcoming Events

European Congress of Entomology
Naples, **July 2-6th, 2018**.
More details at: www.ecei2018.com

Colombian Congress of Entomology
11-13 July 2018, organised by the Colombian Society of Entomology. **IOBC NTRS** is organizing a Round Table bringing specialists from the LAC region. Some of the Committee members will deliver oral presentations, including an invited talk by Yerica Colmenarez.

More information at: http://www.socolen.org.co/
In addition, a **training course** is planned for the two days preceding the conference. Suggested dates **9-10th July 2018**. More details to come.

10th International Conference on Plant Protection in the Tropics (10th ICPPT)
6th-8th August 2018, MITC, Melaka, Malaysia

The 10th ICPPT with the theme **"Revolutionizing Plant Protection Towards Agriculture 4.0"** will focus on developments in the science of plant protection and discuss challenges faced by researchers, practitioners and consumers on problems related to plant protection. The programme will accommodate a keynote address with two plenary papers, concurrent oral sessions and poster presentations. The conference will cover the following subjects;

- Plant Pathology
- Entomology
- Biocontrol and Biopesticide
- Biosecurity and Invasive species
- Biotechnology and Diagnostic Advancement
- Epidemiology and Modelling
- Good Agriculture Practices
- Pesticide Science
- Pest Management
- Pesticide Application Technology
- Urban Pest Management
- Vertebrate Pests
- Weed Science

Important Dates

Abstract submission deadline	: 20th **June 2018**
Acceptance notice of abstract	: 21st **June 2018**
Last day for regular payment	: 15th **July 2018**

For more information:
Download Brochure 10-ICPPT 2018 or visit MAPPS website
Online registration & Abstract submission
https://mapss.org.my/10th-icppt-registration
Submission-of-abstracts-10th-ICPPT

International Symposium on Biological Control of Weeds
XV ISBCW, **26-31 August 2018**, Engelberg, Switzerland.

Confirmed keynote speakers include:

- Karen Bailey
- Elizabete Marchante
- Peter Mason
- Louise Morin
- Rangaswamy (Muni) Muniappan
- Heinz Müller-Schärer
- Quentin Paynter
- Brian van Wilgen
- Greg Wheeler

More about the keynote speakers at: http://www.isbcw-2018.com/index.php?cat=keynotes

Brazilian Congress of Entomology
02-06 September 2018 Organised by the Brazilian Entomological society.**IOBC NTRS** together with the Working Group on Parasitoids of the Neotropical Region will be holding a Biological Control Round Table

1st International Conference on Biological Control & 3rd IOBC International Workshop on Biological Control and Management of *Parthenium hysterophorus*
ICBC2018, **27-29 September 2018**, Bengaluru, India. Organised by ICAR-National Bureau of Agricultural Insect Resources. Deadline for abstracts: 31st April 2018.

ICBC2018 thermes include:

- Biodiversity and Biosecurity
- Conservation Strategies
- Biotechnological Approaches in Biocontrol
- Production and Utilization of Macrobials for Insect Pest Management
- Production and Utilization of Microbials for Insect Pest and Disease Management
- Biological Control Compatible Approaches
- Biological Control of Invasive Pests and Weeds
- Biological Control: Industrial Perspective and Policy Issues
- IOBC Parthenium Working Group Workshop
- IAPPS Tuta Working Group Workshop

More details at: http://www.icbc2018bengaluru.com/

The 3rd IOBC Working Group (WG) International Workshop on Biological Control and Management of *Parthenium hysterophorus* will be held immediately after ICBC 2018. The workshop will review and discuss the recent developments on the biological control and management of parthenium weed around the world, and discuss the future course of action. Presentations related to the biological control as well as other aspects of management of parthenium weed are encouraged. Participants will have an opportunity to visit field sites around Bengaluru to view biological control of parthenium weed in action. **Background**: The IOBC Global WG on the Biological Control and Management of Parthenium Weed (*Parthenium hysterophorus*) was formed in 2009. The 1st IOBC WG International Workshop on Biological Control and Management of Parthenium hysterophorus was held in 2010 in Nairobi, Kenya, and the 2nd Workshop was held in 2014 in Addis Ababa, Ethiopia. A set of recommendations was developed at each of these workshops. These workshops bring together researchers working on parthenium weed around the world to disseminate information on the weed and its management, to increase collaboration amongst researchers regionally and globally, and to optimise resources for the control of this invasive plant.

Limited funds will be available for IOBC travel grant awards to young scientists who wish to attend the 3rd IOBC International Workshop on Biological Control and Management of Parthenium Weed, on condition that they: (i) are an IOBC member, (ii) are aged 35 years or younger; grant awards are for students, not for established researchers and keynote speakers, and (iii) present a communication on biological control during the meeting. Grants of up to 400 € for local students and up to 800 € for overseas students are available; not limited by the country of origin. Application instructions will be provided in a future circular.

9th International Congress of Dipterology
Windhoek, Namibia, **25th to 30th November 2018**. Deadline for abstracts: 1st September 2018.
More information at: https://icd9.co.za/

Announcing ICMDBM 2019
Save the date for the 8th International Conference on Management of the diamondback moth and other crucifer insect pests (ICMDBM 2019)
Tainan, Taiwan, April 22-26, 2019
More information to come in July 2018. Please check:
http://web.entomology.cornell.edu/shelton/diamondback-moth/ and https://avrdc.org/
If you have any questions, please contact sonn.ramasamy@worldveg.org

Convener: Dr. R. Srinivasan, Lead Entomologist & Flagship Program Leader for Safe and Sustainable Value Chains, World Vegetable Center, 60 Yi-Ming Liao, Shanhua, Tainan 74151, Taiwan, Republic of China. E-mail: sonn.ramasamy@worldveg.org

6th International Symposium on Biological Control of Bacterial Plant Diseases (BIOCONTROL2019)
Viterbo (I) at Dipartimento di Scienze Agrarie e Forestali (DAFNE), Università della Tuscia, **8 - 11 July, 2019**

Topics include:

- Interactions between plants and microbiomes
- Genetics and Genomics: Basis for innovative control strategies
- Epidemiology and forecasting models
- Fire blight control: innovation from science to field applications
- Improvements in Bacterial Wilt biocontrol
- Sustainable strategies for the control of fastidious bacteria and their insect vectors
- Science and Politics meet Industry

More information in the first circular.

14th International Symposium Ecology of Aphidophaga
Montreal (Quebec) Canada, **16-20 September 2019**

Aims & Topics
The purpose of Ecology of Aphidophaga conferences is to provide an international forum for the presentation and discussion of research on the biology, ecology and behaviour of organisms contributing to mortality of aphids (Hemiptera, Aphididae). Acceptable topics include the following:

- Life cycle, vollinism and diapause
- Food relations (including non-aphid food of aphidophaga)
- Behaviour
- Systematics and morphology
- Phylogeny
- Population dynamics
- Modelling
- Distribution and seasonal adaptation
- Parasitoids and pathogens of aphidophaga
- Parasitoids and pathogens of aphids
- Tritrophic interactions
- Intraguild interactions
- Invasive aphidophaga
- Chemical ecology
- Integrated pest management
- Climatic changes

Contact: aphidophaga14@uqam.ca More information at: http://www.aphidophaga14.uqam.ca/

International Congress of Entomology
XXVI ICE, Helsinki , 19-24 July 2020.
Detailed information about the congress theme, Entomology for our planet, can be found here. More information at: www.ice2020helsinki.fi

IOBC has organised a large number of symposia in past ICE events, and ICE2020 organizers are keen to see this involvement continued. **Please send symposia ideas** to secretary.general@iobc-global.org

Return to Top

Regional Sections Contacts

Asia-Pacific Regional Section (APRS)

Afrotropical Regional Section (ATRS)

East Palearctic Regional Section (EPRS)

Nearctic Regional Section (NRS)

Neotropical Regional Section (NTRS)

West Palearctic Regional Section (WPRS)

Global Working Groups Contacts

Mass Rearing and Quality Assurance (MRQA)

Ecology of Aphidophaga

Biological Control and Management of Eupatorivae Weeds

Benefits and Risks Associated with Exotic Biological Control Agents

IWGO - Biocontrol of Cerrosis and Other Maize Pests

Biological Control and Management of Parthenium Weed

Biological Control of Diamondback Moth & other Crucifer Insects

Management of Cactus Species

CroProPol - Using Managed Pollinators to Disseminate Biological Control Agents & Natural Products

Commission on Biological Control and Access and Benefit Sharing

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.

For more information and application forms:
http://www.iobc-global.org/membership.html

Return to Top

Report abuse
Created with mailchimp