Final Announcement

IOBC/WPRS Working Group
“Landscape management for functional biodiversity”

Meeting May 21–23, 2014, Poznan, Poland

PROGRAMME AND BOOKING FORM ARE NOW AVAILABLE

ORGANIZERS         SCIENTIFIC ADVISORY BOARD

Danuta Sosnowska     John Holland
Piotr Kowalczyk      Bärbel Gerowitt
Zbigniew Dabrowski   Felix Bianchi
Andrzej Kwiatkowski  Andrzej Kędziora
                        Daniela Lupi

CONVENORS
John Holland
Bärbel Gerowitt

Conference summary:
Registration and installation of posters are scheduled for Wednesday 21st May morning (8.30 a.m.). The mornings of Wednesday 21st, Thursday 22nd and Friday 23rd are days for oral presentations, poster sessions and discussions. On Wednesday and Thursday afternoons we will visit local projects to see landscape management for functional biodiversity in action.

Registration details are given below
PROGRAMME

WEDNESDAY 21 MAY 2014

08.30 CONFERENCE REGISTRATION & SOFT DRINKS

09.00 Welcome by local organizers (Prof. Tadeusz Praczyk - Research Deputy Director of the Institute of Plant Protection in Poznań)

09.10 Introduction by convenors (John Holland & Bärbel Gerowitt)

09.20 IOBC presentation (Lene Sigsgaard, WG Liaison Officer)

Session 1: “Conservation biocontrol”
Session Organiser: Bärbel Gerowitt (University of Rostock, Germany)

09.40 Farming intensity and field margin complexity affected post-dispersal weed seed predation by arthropods in sunflower crops. Anna-Camilla Moonen¹, Gonzalo A.R. Molina², Gionata Bocci¹ and Santiago L. Poggio² (¹Scuola Superiore Sant’Anna, Italy; ²University of Buenos Aires, Argentina)

10.00 Wildflowers that serve as food supply for the parasitoid Microplitis mediator improve the effectiveness of biological control in a cabbage field Guendalina Barloggio¹,², Mathias Kölliker², Henryk Luka¹,² and Oliver Balmer¹,³ (¹Research Institute of Organic Agriculture; ²University of Basel; ³Swiss Tropical and Public Health Institute, Switzerland)

10.20 Potential of different species of winter cress (Brassicaceae) as dead-end trap crops for diamondback moth (Lepidoptera: Plutellidae). Francisco R. Badenes-Perez¹,², Michael Reichelt¹, Jonathan Gershenzon¹, David G. Heckel¹ (¹Max Planck Institute for Chemical Ecology, Germany; ²Institute of Agricultural Sciences (CSIC), Spain)

10.40 Assessing the use of Lobularia maritima as an insectary plant for the conservation of Orius majusculus and biological control of Frankliniella
occidentalis. Lorena Pumariño¹, Oscar Alomar² (¹Swedish University of Agricultural Sciences, Sweden; ²IRTA Entomology, Spain)

11.00 COFFEE

Session 2: “Utilising floral resources”
Session Organiser: Paul van Rijn (University of Amsterdam, The Netherlands)

11.30 Which shrubs and trees can conserve natural enemies of aphids in spring?
Paul van Rijn (University of Amsterdam, The Netherlands)

11.50 Targeted flower strips effectively promote natural enemies of aphids.
Matthias Tschumi¹,², Matthias Albrecht¹, Martin H. Entling², Katja Jacot¹
(¹Agroscope, Institute for Sustainability Sciences, Switzerland; ²University of Koblenz-Landau, Germany)

12.10 Flowering crops as nutritional resources for Ascogaster quadridentata (Hymenoptera, Braconidae) and other beneficials in agroecosystems.
Annette Herz¹ and Gudrun Eder¹,² (¹JKI, Institute for Biological Control; ²Technical University Darmstadt, Germany)

12.30 Discussion

13.00 LUNCH

14.00-15.00 POSTER SESSION

15.15- Visit to the BASF “Seeded flowering meadow” in agrocenosis - Jaroslawiec; invited dinner by BASF Polska.

THURSDAY 22 MAY 2014

Session 2: “Aspects of invertebrate ecology”
Session Organiser: JOHN HOLLAND (Game and Wildlife Conservation Trust, UK)
09.00 Changes of insect diversity and occurrence of entomopathogenic fungi in agricultural landscape. Jerzy Karg, Stanisław Bałazy (PAN, Institute for Agricultural and Forest Environment, Poland)

09.20 Quantifying movement of the predator carabid beetle Pterostichus melanarius in arable land. Bas Allema, Walter Rossing, Wopke van der Werf, Lia Hemerik, Jeroen Groot, Eveliene Steingröver, Joop van Lenteren (Wageningen University, The Netherlands)

09.40 Impact of drought and regulated deficit irrigation on attractiveness of Diplotaxis tenuifolia (Brassicaceae) to bees and hoverflies. Jelena Barbir¹, José Dorado¹, César Fernández-Quintanilla¹, Tijana Blanusa², Cedo Maksimovic³, Francisco R. Badenes-Pérez¹ (¹Institute of Agricultural Sciences, CSIC, Spain; ²University of Reading; ³Imperial College London, UK)

10.00 Are higher taxa level assemblages suited to discriminate different habitats? A case study using Braconid subfamilies in three Tuscan vineyards. Augusto Loni, Andrea Lucchi (University of Pisa, Italy)

10.20 Insects and globalization: sustainable control of exotic species in Italian agro-forestry ecosystems. Daniela Lupi¹, Umberto Bernardo², Carmelo Peter Bonsignore³, Mario Colombo¹, Maria Luisa Dindo⁴, Massimo Faccoli⁵, Chiara Ferracini⁶, Liberata Gualtieri², Rita Marullo³, Luca Mazzon⁵, Gaetano Siscaro⁷, Pompeo Suma⁷, Luciana Tavella⁶, Stefano Maini⁴ (¹The University of Milan; ²CNR Institute for Plant Protection UOS of Portici; ³Mediterranea University of Reggio Calabria PAU; ⁴University of Bologna; ⁵University of Padua; ⁶University of Torino; ⁷University of Catania, Italy)

10.40 Discussion

10.50 COFFEE

11.30 INTERACTIVE SESSION: Landscape-scale management tools for more effective biocontrol to sustain IPM. Facilitators John Holland, Camilla Moonen and Walter Rossing.

13.00 LUNCH
14.00 Visit Turew Station – 2 presentations of 15 minutes on the large scale versus diversified agriculture and biodiversity, field excursion and SOCIAL interactions including dinner.

FRIDAY 23 MAY 2014

Session 3: “The contribution of uncropped land”
Session Organiser: Camilla Moonen (Scuola Superiore Sant’Anna, Italy)

09.00 Pollinator community response to vegetation of semi-natural habitats around arable fields. Agustín Bartual, Anna-Camilla Moonen (Scuola Superiore Sant’Anna, Italy)

09.20 Botanical surveys as a base for the assessment of ecosystem services provided by semi-natural habitats in Hungary. Orsolya Pintér, Zita Dorner, Márk Szalai, Barbara Geiger, József Kiss (Szent István University, Hungary)

09.40 Edges of natural vegetation to increase the diversity of wild bees in agricultural field margins. Juan Antonio Sanchez¹, Aline Carrasco¹, Michelangelo La-Spina¹, Helena Ibáñez¹, Germán Canomanuel², F. Javier Ortiz-Sánchez³, Elena López¹, Alfredo Lacasa¹ (¹Instituto Murciano de Investigación y Desarrollo Agrario y Alimentario; ²Syngenta; ³Universidad de Almería, Spain)

10.00 Conservation biological control of codling moth, Cydia pomonella. Lene Sigsgaard (University of Copenhagen, Denmark)

10.20 Discussion

10.30 COFFEE

Session 3: “Landscape investigations”
Session Organiser: Daniela Lupi (The University of Milan, Italy)

11.00 Constraints for studying the management of cereal moth borers with a landscape approach: a case study in North Benin. Robin Drieu¹, Pierre Silvie², Philippe Menozzi³, Cyrille Adda⁴, Joel Huat³, Sandrine Auzoux², Valérie
Soti\textsuperscript{3}, Régis Goebel\textsuperscript{2} (\textsuperscript{1}Montpellier SupAgro, France; \textsuperscript{2}CIRAD, France; \textsuperscript{3}CIRAD, Benin; \textsuperscript{4}Africa Rice Center, Benin)

11.20 A remote sensing and GIS approach to the relationship between canegrub infestations and natural vegetation in the sugarcane landscape of Queensland, Australia. Peter Zellner\textsuperscript{1,2}, Camille Lelong\textsuperscript{1}, Valérie Soti\textsuperscript{3}, Annelise Tran\textsuperscript{1}, Nader Sallam\textsuperscript{4}, Andrew Robson\textsuperscript{5}, François-Régis Goebel\textsuperscript{1} (\textsuperscript{1}CIRAD, France; \textsuperscript{2}University of Würzburg, Germany; \textsuperscript{3}CIRAD, Senegal; \textsuperscript{4}SRA Limited, Australia; \textsuperscript{6}Agri-Science Queensland, Australia)

11.40 Composition and diversity of the weed flora influenced by arable management in a large-scaled agricultural landscape in North-East Germany. Ines Heyer, Bärbel Gerowitt (University of Rostock, Germany)

12.00 Effects of reforestation with non-native species on rove beetles (\textit{Coleoptera: Staphylinidae}). Dávid D. Nagy\textsuperscript{1} & Zsuzsanna Debnár\textsuperscript{2} (\textsuperscript{1}MTA-DE Biodiversity and Ecosystem Services Research Group; \textsuperscript{2}University of Debrecen, Hungary)

12.20 Discussion and concluding remarks

12.30 LUNCH & DEPART

\textit{POSTERS}

The effects of mulching as habitat manipulation on the biodiversity of spiders (Araneae) on potato fields in Hungary. Gergely Ambrus, Péter Dudás & Ferenc Tóth (Szent István University, Hungary)

Field margins for biocontrol and biodiversity across crop rotations: Overview of the aims and approaches of Defra project IF01122. Jason Baverstock\textsuperscript{1}, Judith. K. Pell\textsuperscript{2}, Jonathan Storkey\textsuperscript{1}, Martin T. Torrance\textsuperscript{1}, Samantha M. Cook\textsuperscript{1} (\textsuperscript{1}Rothamsted Research, U.K.; \textsuperscript{2}J. K. Pell Consulting, U.K.)
Field margin vegetation as a bridge for predatory mites (Phytoseiidae) migration into raspberry plantations. Jakub Garnis, Zbigniew T. Dąbrowski (Warsaw University of Life Sciences (SGGW), Poland)

The QuESSA Project: Quantification of Ecological Services for Sustainable Agriculture. John Holland¹, Philippe Jeanneret², Felix Herzog², Anna-Camilla Moonen³, Walter Rossing⁴, Wopke van der Werf⁴, Jozsef Kiss⁵, Maarten van Helden⁶, Maria Luisa Paracchini⁷, James Cresswell⁸, Philippe Pointereau⁹, Bart Heijne¹⁰, Eve Veromann¹¹, Daniele Antichi¹², Martin Entling¹³, Bálint Balázs¹⁴ (Game and Wildlife Conservation Trust, UK¹; Agroscope Reckenholz-Tänikon Research Station, Switzerland²; Scuola Superiore Sant’Anna, Institute of Life Sciences, Italy³; Wageningen University, The Netherlands⁴; Szent István University, Hungary⁵; Université de Bordeaux, Ecole – BxScAgro, France⁶; Joint Research Centre of the European Commission, Italy⁷; University of Exeter, UK⁸; SOLAGRO, initiatives and innovations for energy, agriculture, and environment, France⁹; Stichting Dienst Landbouwkundig Onderzoek, Applied Plant Research, The Netherlands¹⁰; Estonian University of Life Sciences, Estonia¹¹; University of Pisa, Italy¹²; University of Koblenz-Landau, Germany¹³; Environmental Social Science Research Group, Hungary¹⁴)

Diversified habitat as reservoir for ground-dwelling arthropods (Col., Carabidae) - preliminary results. Michał Hurej¹, Jacek Twardowski¹, Witold Łykowski² (Wrocław University of Life and Environmental Studies, Poland)

Weed composition and diversity of three organic farms in Hungary. Zsuzsanna Keresztes, Zita Dorner, Mihály Zalai (Szent István University, Hungary)

The impact of short rotation coppice (SRC) willow on insect diversity. Joanna Krzyminska, Katarzyna Nijak (Institute of Plant Protection National Research Institute, Poland)

Germination characteristics of Apera spica-venti biotypes susceptible and resistant to ALS inhibitors. Marta Stankiewicz-Kosyl, Aleksander Ciepka (Warsaw University of Life Sciences, Poland)
Ground spider variability in a dry meadow. Daniela Lupi¹, Anna Rocco¹, Romana F. Eördegh, Costanza Jucker¹; Paolo Pantini² (¹University of Milan, ²Museum of Natural Sciences, Bergamo, Italy)

Testing for the weed control potential of seed predators in agroecosystems. Paula R. Westerman, Heike Pannwitt, Christian Selig, Friederike de Mol, Bärbel Gerowitt (University of Rostock, Germany)

Effects of field margins on the weed composition of organic cereals. Mihály Zalai, Zsuzsanna Keresztes, Zita Dorner (Szent István University, Hungary)

Registration details
Please contact Dr Andrzej Kwiatkowski (A.Kwiatkowski@iorpib.poznan.pl).

The registration fee will be: 140 EURO for the IOBC members and students and 230 EURO for other participants and it includes:
- Admission to scientific sessions
- Printed copy of IOBC Bulletin
- One years free membership to IOBC for non-members registering
- Lunches & dinners on Wednesday and Thursday
- Coffee-breaks
- Excursions:

Payment details:
Please remit the total amount of 140 EURO (IOBC members) and 230 EURO (non-IOBC members) to our account stated below for international payment transaction.

Bank name: Bank BGŻ oddział w Poznaniu
Bank address: ul. Piekary 17, 61-823 Poznań
IBAN: PL 84 2030 0045 3110 0000 0001 2180
SWIFT: GOPZPLPW

Please ensure that your payment details include your first and second names, the name of your working place, as well as the reference IOBC/WPRS Poznan, 2014.
Participants are reminded that money transfers are subject to bank charges which will be deducted before arrival at the Congress Secretariat; it is therefore essential that such transfers of money should include any surcharge. Otherwise these deductions will be payable at the Registration Desk on arrival. All data supplied by participants will be processed and held on computer by the Congress Secretariat for the sole purpose conference administration.

Applications may be cancelled up until April 15, 2014, in which case a partial refund will be made. It will not be possible to offer any refunds if details of cancellation are received after this date.

Accommodation

Hotel room booking details

Hotel IOR***
ul. Władysława Węgorka 20
60-318 Poznań

Single room - 45,-EURO for a night
Double room (twin room) - 55,-EURO for a night

Individual hotel room booking:
by the phone +48 61 864 92 00 (hotel reception)
by e-mail: recepcja@hotelior.pl

The deadline for room booking is May 10, 2014

To obtain a discount while booking a room at the Hotel IOR***, please give the reference IOBC/WPRS Poznan, 2014.

Travel

By Air:
The nearest airport is Poznań–Ławica Airport which is only 15 minutes by bus from the conference venue (see travel directions file). Other airports include:
134 km: Bydgoszcz Ignacy Jan Paderewski Airport - Bydgoszcz, Poland (BZG / EPBY)
177 km: Copernicus Airport Wrocław - Wroclaw, Poland (WRO / EPWR)
209 km: Lodz Władyslaw Reymont Airport - Lodz, Poland (LCJ / EPLL)
262 km: Berlin Schönefeld Airport - Berlin, Germany (SXF / EDDB)

By Train:
The central station Poznań Główny is 15 minutes by tram from the conference venue (see travel directions file). Poznan is approximately 3 hours by train from Warsaw and Berlin.
Organizer Logotypes:

International Organisation for Biological and Integrated Control of Noxious Animals and Plants
Institute of Plant Protection – National Research Institute Poznań
Institute of Agricultural and Forestry Environment – Polish Academy of Sciences Poznań
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