

**2nd International Symposium „Intractable Weeds and Plant Invaders“
Osijek, September 14 to 18 2008.**

Program

Saturday 13 Sept.

09,00 – 18,00 **EWRS Scientific Committee Meeting (TERA, Gajev trg 6)**

Sunday 14 Sept.

09,00 – 17,00 **EWRS Executive Committee Meeting (TERA, Gajev trg 6)**

15,00 – 19,00 **Ragweed Discussion Group Meeting (Tvrda, Trg Svetog Trojstva 3; 2nd floor)**

17,00 - 20,00 **Registration & posters set up (Tvrda, Trg Svetog Trojstva 3; 2nd floor)**

19,00 - 21,00 **Welcome drink and party (Tvrda, Trg Svetog Trojstva 3; 2nd floor)**

Monday 15 Sept.

8,00 - 9,00 **Registration & posters set up (Tvrda, Trg Svetog Trojstva 3; 2nd floor)**

Opening

(Chair: Edita Štefanić)

9,00 - 9,10 **Welcome address 1** Representative from Ministry of Agriculture

9,10 - 9,15 **Welcome address 2** **Hansjoerg Kraehmer**, EWRS Vice President

9,15 - 9,20 **Welcome address 3** **Tamas Kamives**, HU Academy of Science

9,20 – 9,25 **Welcome address 4** Representative from J.J. Strossmayer University

9,25- 10,00 **Opening lecture:** The influence of landscape fragmentation and dispersal ability on the early stages of a plant invasion. **David A. Mortensen**

10,00 – 10,30

Coffee break

Session 1

Biology and Ecology of Ragweed (Chair: Heinz Müller Shärer)

10,30 – 11,00

Keynote paper: Advances in understanding the biology of common ragweed – an overview **Levente Kiss**

11,00 – 11,20

Escape of ragweed (*Ambrosia artemisiifolia*) from natural enemies at the local scale: enemy release in the native range? **Peter M. Kotanen**

11,20 - 11,40

Competition between *Ambrosia artemisiifolia* and crops under field conditions **Gabriella Kazinczi, Imre Béres, Péter Varga & Maria Torma**

11,40 - 12,00

Seed bank dynamics of *Ambrosia artemisiifolia* in Austria **Melinda Vitalos & Gerhard Karrer**

12,00 – 12,20

Morpho-anatomical characteristics of common ragweed (*Ambrosia artemisiifolia* L.) **Dragana Božić, Sava Vrbničanin, Dragana Rančić & Branislav Veljković**

12,20 – 12,40

Ragweed airborne pollen in southern Pannonian plain and Balkan peninsula **Predrag Radišić, Branko Šikoparija, Raina Yankova, Snezana Milkovska, Tatjana Pejak-Šikoparija, Smiljka Šimić & Elona Gjebrea Hoxha**

12,40 – 13,00

The advantage of multi-temporal images in the recognition of pollution with short ragweed **Chantal Déchamp, Yves Auda, Henriette Méon, Olivier Hagolle, Jean-Philippe Gastellu-Etchegorry & René Roux**

13,00 – 14,00

Lunch (Old Bridge Pub, Tvrda, F.Kuhača 4)

Session 2

How to control ragweed: new techniques (Chair: Levente Kiss)

14,00 – 14,30

Keynote paper: Common ragweed: distribution, biology and management in the USA **Harold D. Coble**

14,30 - 14,50

Germany's action against spread of *Ambrosia* **Uwe Starfinger**

14,50 – 15,10

Spread of *Ambrosia artemisiifolia* in the states Brandenburg and Saxony in Germany and its chemical control **Ewa Meinschmidt & Gerhard Schröder**

15,10 – 15,30

Remote sensing: an innovative help to control ragweed spreading **Chantal Déchamp, Yves Auda, Henriette Méon, Jean-Philippe Gastellu-Etchegorry**

15,30 – 15,50

Opportunities for biological control of ragweed **Alan Watson & Mirion Teshler**

15,50 – 16,10

Ambrosia in the Lion area: attempt of phenology in 2007 **Henriette Méon, Gaëtan Guignard & Chantal Déchamp**

16,10 – 16,30

Coffee break

16,30 – 16,50

The first signs and the spread of the invasive *Ambrosia artemisiifolia* in Romania **Nicolae Hodisan**

16,50 – 17,10

Suppression of *Ambrosia artemisiifolia* pollen and seed production by three herbicides: Identification of a susceptible growth stage **Christian Gauvrit, Thérèse Lamrani & Bruno Chauvel**

17,10 - 17,30

Economic aspect of ragweed monitoring and control options **Ivan Štefanić & Edita Štefanić**

17,30 - 17,50

Control of weedy-ruderal species *Ambrosia artemisiifolia* L. in some cities of Vojvodina **Branko Konstantinović, Maja Meseldžija, Bojan Konstantinović**

18,00,– 19,30

Working Group Meeting: Invasive plants (Tvrda, Trg Svetog Trojstva 3; 2nd floor)

Session 4

Weed Management in Arid and Semi-arid Climates (Chair: Baruch Rubin)

- 14,00 – 14,30** **Keynote paper:** Invasive species in the Mediterranean Basin – impacts, management and predictions for climate change era **Pua Bar (Kutiel)**
- 14,30 – 14,50** *Verbesina encelioides* – an invasive weed in Israel: physiology, geographical distribution and management **R. Sade, Tuvia Yaacoby & Baruch Rubin**
- 14,50 – 15,10** Identifying weed distribution using soil properties **Hamid Salehian**
- 15,10 – 15,30** Estimating the economic benefits of an early eradication of an invasive weed in agrosystems. The example of *Sicyos angulatus* in Catalonia (Spain) **Jordi Recasens, Josep Antoni Conesa, José Millán, Andreu Taberner & Miquel Sans**
- 15,30 – 15,50** Parallel floristic and ecophysiological study of weeds in the shertelbelts in Vojvodina **Obratov-Petković Dragica, Stevan Dožić, Matilda Đukić & Ivana Bjedov**
- 16,00 – 16,30** **Coffee break**
- 16,30 – 16,50** Invasive alien species – a treat to agriculture and the environment in Israel **Tuvia Yaacoby**
- 16,50 – 17,10** The role of heat exposure in seedbank reduction of the invasive plant *Accacia spp.* **Oded Cohen, Josef Riov, Jacob Katn, Abraham Gamliel & Pua Bar (Kutiel)**
- 17,10 – 17,30** Mapping of more significant invasive weeds and their control **Branko Konstantinović, Maja Meseldžija & Bojan Konstantinović**
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- 17,30 – 19,00** **Working Group Meeting: Weed Management in Arid and Semi-arid Climates**
(Tvrdá, Trg Svetog Trojstva 3; 2nd floor)
- 20,00 – 24,00** **Symposium dinner - Hotel „Osijek“ Šamačka 3**

Wednesday 17 Sept.

8,30 – 10,00 **Working Group Meeting: Biological Weed Control** (Tvrđa, Trg Svetog Trojstva 3; 2nd floor)

10,00 – 11,30 **Session 5 Poster Session (Chair: Gabriella Kazinczi)** (Tvrđa, Trg Svetog Trojstva 3; 2nd floor)

Excursion:

11,30 **Meeting at the University ; Trg Svetog Trojstva 3**
12,00 – 14,00 **Visit Nature Park „Kopački rit“ (Ramsar area)**
14,00 – 16,00 **Lunch at the Restaurant „Kormoran“**
16,00 – 17,00 **Visit to Tikveš Castle Complex**
17,00 – 18,30 **Visit the wine road**
19,00 **Arrival to Osijek**

Thursday 18 Sept.

Session 6

Biological Weed Control (Chair: Paul Hatcher)

8,30 – 9,00

Keynote paper: Evolution in invasive plants and implications for trophic interactions and their management for biological control **Heinz Müller Schärer**

9,00 - 9,20

Biological control of weeds in Australia: can successes be transferred to Europe? **Rachel McFadyen**

9,20 – 9,40

Phytotoxin produced by phytopatogenic fungi for biocontrol of *Cirsium arvense* and *Sonchus arvensis* (Asteraceae)

Alessio Cimmino, Alexander Berestetskiy, Andrey Dmitriev, Galina Mitina, Oleg Yuzikhin, Anna Andolfi & Antonio Evidente

9,40 - 10,00

Using *Phomopsis* sp. as a bioherbicide for management of *Carthamus lanatus* **Ash, J. Gavin**

10,00 – 10,30

Coffee break

10,30 – 10,50

Alien insect pests on black locust (*Robinia pseudoacaccia* L.) and bristly locust (*Robinia hispida* L) and their antagonists

Milka Glavendekić & Saša Marjanović

10,50 – 11,10

Aquatic weed species and their densities in Lower Seyhan Plain – Southern Turkey towards their biological control -

Aslihan Soyak & Sibel Uygur

11,10 – 11,30

Entomofauna *Amorpha fruticosa* L. (Fabaceae: Astragaleae) in Serbia **Renata Gagić & Milka Glavendekić**

11,30 - 11,50

Infestation of insect herbivores on *Orobanche* species in Turkey **Sibel Uygur, O. Bozdogan, Aslihan Soyak, Eda**

Aksoy & F. Nezihi Uygur

Final Session 7

(Chair: Ivan Štefanić)

12,00 – 12,15

Summary of the scientific programme (Edita Štefanić)

12,15- 12,30

Concluding remarks (Christian Bohren)

12,30 – 14,00

Lunch and good by (Old Bridge Pub, Tvrđa, F.Kuhača 4)

POSTERS:

1. What are the different seed introduction and dispersal vectors of *Ambrosia artemisiifolia* in France? **Emilie Chadet & Bruno Chauvel**
2. *Ambrosia artemisiifolia* L. in Poland: recorded history, current status and threat **Kazimiera Chlopek, Barbara Tokarska – Guzik, Katarzyna Dabrowska, Dorota Myszkowska, Zofia Balwierz, Barbara Majkowska – Wojciechowska, Malgorzata Puc, Alicja Stach, Krystina Piotrowska, Elzbieta Werystko-Chmielewska, Idalia Kasprzyk & Malgorzata Malkiewitz**
3. *Ambrosia artemisiifolia* in Bulgaria **Miroslava Valkova, Vladimir Vladimirov & Rayna Yankova**
4. Spreading of common ragweed in Federation of Bosnia and Herzegovina **Drena Gadžo, Teofil Gavrić & Mirha Đikić**
5. The effect of mowing to pollen production of *Ambrosia artemisiifolia* L. **Bojana Stanisavljev, Branko Šikoparija, Predrag Radišić, Tatjana Pejak-Šikoparija, Smiljka Simić**
6. Ragweed in Istra peninsula (Croatia): distribution and pollen production **Vesna Kovačević, Vlatka Horvat & Edita Štefanić**
7. Aerobiological and alergological impact of ragweed (*Ambrosia artemisiifolia* L.) in northeastern Croatia **Sanja Merdić & Edita Štefanić**
8. Ragweed development under different field conditions **Slavica Antunović & Edita Štefanić**
9. Legislative in ragweed control **Nataša Uranjek**
10. Invasive weed species in poplar plantation **Verica Vasić & Saša Orlović**
11. The distribution pattern and local abundance of *Fallopia* species in two regions of Southern Poland **Barbara Tokarska – Guzik, Katarzyna Bzdega, Sabina Czajka, Katarzyna Koszela, Barbara Blazyca & Krzysztof Kozak**
12. Allelopathic potential of buckwheat **Mirha Đikić, Drena Gadžo, Teofil Gavrić & Ševal Muminović**
13. Dynamic tendencies of alien weed composition of the upper Volga basin **Elena Borissova**
14. Control of Yellow Pond lily (*Nuphar luteum* L.) in recreative lake of Jarun – Zagreb **Veljko Lodeta, Nenad Novak, Vladimir Danon & Mladen Andrijašević**
15. Growth patterns and nutrient limitations of an invasive wetland species. Study Case: *Azolla filiculoides* in Doñana National Park (SW Spain) **Rocio Fernández-Zamudio, P. Garcia-Murillo, S. Cirujano, A. Sousa, J.M. Espinar & A. Meco**
16. Using teledetection to study the invasion of a floating invasive species in a protected area **Rocio Fernandez-Zamudio, J. Bustamante, P. Garcia-Murillo, S. Cirujano, R. Diaz-Delgado & D. Aragonés**
17. Adventive weed flora in vineyards of Bosnia and Herzegovina **Zlatan Kovačević, Danijela Petrović, Nevenko Herceg**
18. Effect of ecological farming on weed flora in cereals in Hungary **Mihaly Zalai & Zita Dorner**
19. Analysis of weed flora of ecological farming system at the ecological model farm of Kishantos, Hungary **Zita Dorner & Mihaly Zalai**
20. Invasive plants in Croatian agriculture **Sanda Rašić & Edita Štefanić**
21. Influence of plant density and sowing date on weed community in winter wheat **Roberta Sorić, Edita Štefanić & Ivan Štefanić**

22. The effect of NaCl on seed germination of invasive plant *Amorpha fruticosa* L. **Matilda Đukić, Danijela Djunisijević- Bojović, Mihailo Grbić & Dragana Skočajić**
23. Morpho-anatomical differences of seeds in *Ranunculus acris* and *Ranunculus repens* from terrestrial and aquatic habitats at Vlasina wetlands (SE Serbia) **Valentina Atanacković, Ksenija Jakovljević & Branka Stevanović**
24. Invasive species *Robinia pseudoaccacia* L. can influence a honey production in Dalmatia – South Croatia **Edita Štefanić, Sanda Rašić, Marija Edita Šolić & Dean Agić**
25. Phytotoxic metabolites produced by *Phyllosticta cirsii*, a potential biocontrol agent of *Cirsium arvense* **Alessio Cimmino, Anna Andolfi, Carmen Perrone, Maria Chiara Zonno, Maurizio Vurro & Antonio Evidente**
26. Compounding in weed denomination. **Astrid Groszler & Andrea Varga**