

6th International Conference on the  
Ecology and Management of Alien Plant Invasions (EMAPi)  
Loughborough University, UK  
12-15 September 2001

**PROGRAMME**

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**WEDNESDAY 12th September**

**09.00 - 10.45**    **Registration and Coffee**

**Welcome**

**10.45**            *Professor Peter Warwick*  
*Director, Centre for Environmental Studies, Loughborough University*

**Session 1: Global Issues**

*Chair: Petr Pyšek, Academy of Sciences of the Czech Republic*

**11.00**            **BioNET-International - overcoming the taxonomic impediment to biodiversity conservation**

*Richard Smith*  
*BioNET-International, UK*

**11.20**            **New global priorities for invasive species prevention and management**

*Jeff Waage*  
*Chair, Global Invasive Species Programme*

**11.40 - 12.00**    **Coffee**

**Session 2: Mechanisms**

*Chair: Petr Pyšek, Academy of Sciences of the Czech Republic*

**12.00**            **On the rates of spread of British aliens**

*<sup>1</sup>Mark Williamson, <sup>2</sup>Chris Preston and <sup>2</sup>Mark Telfer*  
*<sup>1</sup>University of York, UK; <sup>2</sup>Biological Records Centre, CEH Monks Wood, UK*

**12.20**            **Generative vs. vegetative reproduction among invasive alien plants**

*<sup>1</sup>Karel Prach and <sup>2</sup>Petr Pyšek*  
*<sup>1</sup>University of České Budejovice, Czech Republic;*  
*<sup>2</sup>Academy of Sciences of the Czech Republic, Czech Republic*

**12.40**            **Understanding current and predicted future patterns of alien plant invasions at different spatial scales.**

*<sup>1</sup>Mathieu Rouget, <sup>1</sup>David M. Richardson, and <sup>2</sup>Richard M. Cowling*  
*<sup>1</sup>University of Cape Town, South Africa; <sup>2</sup>University of Port Elizabeth, South Africa*

**13.00 - 14.30**    **Lunch**

**Session 3: Alien Floras**

*Chair: Giuseppe Brundu, University of Sassari*

- 14.30 Alien flora of Germany – a biogeographical review**  
*Stefan Klotz, Ingolf Kühn and Roland Brandl*  
*UFZ – Centre für Environmental Research, Dept. Community Ecology, Germany*
- 14.50 Alien flora of the Czech Republic**  
*Petr Pyšek, Bohumil Mandák & Jiri Sádlo*  
*Academy of Sciences of the Czech Republic, Czech Republic*
- 15.10 Consequences of the introduction of North, Central and South American plant species into Europe; America's revenge?**  
*Jennifer Forman*  
*University of Massachusetts Boston, USA*
- 15.30 - 16.00 Tea and biscuits**
- 16.00 Invasions of alien woody species in the Polish and Byelorussian parts of the Bialowieza Forest**  
*Wojciech Adamowski*  
*Warsaw University, Poland*
- 16.20 The expansion of some alien plant species (neophytes) in Poland**  
*Barbara Tokarska-Guzik*  
*University of Silesia, Poland*
- 16.40 - 17.00 Discussion**
- Session 4: Posters**
- 18.30 Poster Session - Drinks Reception**
- 19.30 Dinner**
- 21.00 Poster Session - Social (with Bar)**
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**THURSDAY 13th September****Session 5: Species Ecology - Congeners***Chair: John Brock, Arizona State University East*

- Comparative study of *Oenothera* species in Central Europe: invasion history and ecological characteristics**  
**09.00** *Stanislav Mihulka<sup>1</sup> and Petr Pyšek<sup>2</sup>*  
<sup>1</sup>University of South Bohemia, Czech Republic; <sup>2</sup>Academy of Sciences of the Czech Republic, Czech Republic
- Invasion by South African *Carpobrotus* (Aizoaceae) species in the Mediterranean Basin: the effects of insularity on plant reproductive systems**  
**09.20** *Carey M. Suehs*  
*Université d'Aix-Marseille III, France*
- North-American invasive asters in Central Europe, some aspects of the vegetative and generative growth**  
**09.40** *Jan Jedlicka*  
*University of South Bohemia, Czech Republic*
- Exotic *Bromus* diversity across the globe: are some regions more invasible**  
**10.00** *Ryan Keane*  
*Imperial College, UK*
- 10.20 - 11.00** **Coffee**
- Japanese knotweed at home and abroad**  
**11.00** *John Bailey*  
*University of Leicester, UK*
- Reynoutria* invasion in the Czech Republic: an emerging story**  
**11.20** *Bohmil Mandák, Petr Pyšek, Katerina Bimova, Jan Pergl and Irena Koukolikova*  
*Academy of Sciences of the Czech Republic, Czech Agricultural University of Prague, Czech Republic*
- Hybridisation and introgression in the Japanese knotweed populations along the river system between Dolgellau and Caerynwch (Wales).**  
**11.40** *Catherine Pashley*  
*University of Leicester, UK*
- 12.00 - 12.30** **Discussion**
- 12.30 - 14.00** **Lunch**
- Session 6: Species Ecology - Case Studies**  
*Chair: Karel Prach, University of České Budejovice, Czech Republic*
- Seedbank of *Elaeagnus angustifolia* (Russian olive) in riparian habitats in northeastern Arizona.**  
**14.00** *John H. Brock*  
*Arizona State University East, USA*
- Differences in dry weight partitioning and flowering phenology between native and non-native plants of purple loosestrife (*Lythrum salicaria* L.): experimental study.**  
**14.20** *Dáša Bastlová<sup>1</sup> and Jan Kvet<sup>1,2</sup>*  
<sup>1</sup>University of South Bohemia, Czech Republic; <sup>2</sup>Czech Republic Academy of Science, Czech Republic

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- 14.40**      **An analysis of the invasion rate of *Ardisia elliptica* using reaction-diffusion and integrodifference models**  
*Anthony L. Koop*  
*University of Miami, U.S.A*
- 15.00**      **Why is broom (*Cytisus scoparius*) such a successful invader into subalpine areas in Victoria, Australia**  
*Lynise Wearne*  
*La Trobe University, Australia*
- 15.20**      **Interaction between plant invader and pathogenic fungus; case study of *Heracleum mantegazzianum* and *Sclerotinia sclerotiorum***  
*Marianne Erneberg*  
*National Environmental Research Institute, Denmark*
- 15.40 - 16.00**      **Tea and biscuits**
- Session 7: Work in Progress**
- 16.00**      **Factors affecting establishment by native and exotic *Bromus* species (Poaceae)**  
*Ryan Keane*  
*Imperial College, UK*
- 16.15**      **Sintra: control of *Acacia melanoxylon* and *Pittosporum undulatum* in a World Heritage Cultural Landscape**  
*Gerald Luckhurst*  
*Portugal*
- 16.30**      **Assessment of the microstructural variation of *Reynoutria (Fallopia)* species from Poland**  
*Barbara Tokarska-Guzik*  
*University of Silesia, Poland*
- 16.45 - 17.15**      **Discussion**
- 18.00 - 20.00**      **Posters (cont.)**
- 20.00**      **Conference Dinner**
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**FRIDAY 14th September****Session 8: Impacts***Chair: Mark Williamson, University of York, UK*

- 09.00**      **Long-term effects of *Cinchona pubescens* and its control - an evaluation of the impacts on the native flora of Santa Cruz Island, Galapagos**  
*Heinke Jäger*  
*Charles Darwin Research Station, Isla Santa Cruz, Galápagos, Ecuador*
- 09.20**      **Ecological impact of the alien *Impatiens glandulifera* (Himalayan Balsam) on native plant species**  
*Alicia Prowse*  
*Bolton Institute, UK*
- 09.40**      **Invasion of Portuguese dune ecosystems by *Acacia*: evaluation of its effects on soil nutrients and plant communities**  
*Helia Marchante<sup>1</sup> and Elizabete Marchante,<sup>2</sup>*  
*<sup>1</sup>Escola Superior Agrária de Coimbra, Portugal; <sup>2</sup> Universidade de Coimbra, Portugal*
- 10.00 - 10.30**      **Discussion**
- 10.30 - 11.00**      **Coffee**
- Session 9: Control**  
*Chair: Trevor Renals, Environment Agency, UK*
- 11.00**      **Novel herbicide gel technique for controlling invasive vines**  
*Brian Ward*  
*The Horticulture and Food Research Institute of New Zealand Limited, New Zealand*
- 11.20**      **Classical biological control of weeds in Europe: opportunities and challenges**  
*Dick Shaw,*  
*CABI Bioscience, UK*
- 11.40**      **The effect of climatic variation on the impact of *Phragmidium violaceum* on blackberry (*Rubus fruticosus* agg.) in Australia**  
*John Weiss*  
*Keith Turnbull Research Institute, Australia*
- 12.00 - 12.30**      **Discussion**
- 12.30 - 14.00**      **Lunch**
- Session 10: Management**  
*Chair: Max Wade, University of Hertfordshire, UK*
- 14.00**      **Alien plant invasions and management systems in the Kruger National Park, South Africa.**  
*Llewellyn C. Foxcroft*  
*Kruger National Park, South Africa*
- 14.20**      **Evaluation and management of aquatic weeds in New Zealand**  
*Paul D Champion*  
*National Institute of Water and Atmospheric Research (NIWA), New Zealand*

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- 14.40**            **Japanese knotweed (*Fallopia japonica*) management: a tale of two counties**  
*Trevor Renals<sup>1</sup>, Sean Hathaway<sup>2</sup>, Lois Child<sup>3</sup> and Max Wade<sup>4</sup>*  
*<sup>1</sup>Environment Agency Cornwall Area, UK ; <sup>2</sup>City and County of Swansea, UK;*  
*<sup>3</sup>Loughborough University, UK; <sup>4</sup>University of Hertfordshire, UK*
- 15.00**            **Invasive alien aquatic plants in the UK: a review of the ecology and management of problem exotic freshwater weeds**  
*Jon Huckle*  
*University of Liverpool, UK*
- 15.20**            **Discussion and Plenary Session (Tea and cakes)**
- 17.00**            **Conference Close**
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**SATURDAY 15th September**

- 09.30-16.00**    **Excursion to Leicester University molecular biology facility and herbarium and a guided tour of the Leicester Botanic Gardens.**  
**Picnic lunch provided.**