

"Plant Invasions - Theory and Applications"

International workshop

September 16-19, 1993, Kostelec n. Cernymi lesy, Czech Republic

PROGRAMME

16. 9.

Session I

GENERAL PROBLEMS OF PLANT INVASIONS (chaired by **Max Wade**)

- 9.15- 9.55 **Rejmánek M.** - What makes a species invasive?
9.55-10.25 **Kowarik I.** - Time-lags in biological invasions with regard to the success and failure of species
10.25-10.55 **Pyšek P., Prach K. & Šmilauer P.** - Invasion success related to plant traits: an analysis of Czech alien flora
11.20-11.50 **Vogt Andersen U.** - The dispersal strategies of weeds in Denmark
11.50-12.00 **Květ J.** - Why are certain European plants invasive in North American wetlands? (contribution to discussion)

Session II

INVASIONS IN PARTICULAR HABITATS (chaired by **Marcel Rejmánek**)

- 14.00-14.30 **Abernethy V.J., Hills J.M., Sabbatini M.R. & Murphy K.J.** - Are there differences between traits of invasive and non-invasive plant species in European wetland ecosystems?
14.30-15.00 **Puntieri J.G., Gobbi M. & Calvelo S.** - After fire invasion by alien weeds - a 5 year study from Argentinian *Nothofagus* forest
15.20-15.50 **Rejmánek M.** - Pattern of plant invasions in the tropics
15.50-16.20 **Kowarik I.** - The role of alien species in urban flora and vegetation
16.20-16.50 **Ferreira M. T. & Moreira I.** - The invasive component of the macroflora from river systems within agricultural mediterranean area

17.9.

Block III

SPECIES INVASIVE IN AQUATIC AND RIPARIAN HABITATS

(chaired by **Jan Květ**)

- 9.00- 9.30 **Sukopp H. & Starfinger U.** - *Reynoutria sachalinensis* (F. Schmidt Petrop.) Nakai in Far East and Europe
9.30-10.00 **Brock J.L., Child L.E., de Waal L. & Wade P.M.** - The invasive nature of Japanese Knotweed (*Fallopia japonica*) is enhanced by vegetative regeneration from stem tissues

10.00-10.30 **Bailey J.P. & Child L.E.** - Assessment of the genetic variation and spread of British populations of Japanese Knotweed (*Fallopia japonica*) and its hybrid *F. ×bohemica*

10.50-11.20 **Caffrey J.** - Growth characteristics, invasive potential and control of Giant Hogweed in Ireland

11.20-11.50 **Tiley G.E.D. & Philp B.** - The distribution, biology and control of Giant hogweed in Scotland

11.50-12.20 **Bramley J.L. & Reeve J.T.** - The distribution of an alien duckweed, *Lemna minuta*, within the British Isles; identification, niche constraints and dispersal strategies

Block IV

CONTROL AND MANAGEMENT (chaired by **John Brock**)

14.00-14.30 **De Waal L.** - Field trials: Treatment of *Fallopia japonica* - a case study

14.30-15.00 **Child L.E. & Spencer-Jones D.** - Treatment of *Crassula helmsii* - a case study

15.00-15.30 **Dawson F. H.** - *Crassula helmsii* - its invasion of north western Europe and the potential control strategies for nature reserves

Block V **MISCELLANEA** (chaired by **Joe Caffrey**)

16.30-17.00 **Gritten R.** - *Rhododendron ponticum* in the Snowdonia National Park - its success as an invasive species

17.00-17.30 **Jarošík V. & Kocourek F.** - Are there any special traits of invasive herbivorous insects related to plant characteristics?

LIST OF POSTERS

Eliáš P. - Invasive behaviour of alien annuals

Fowler S.V., Evan H. & Schroeder D. - Classical biological control for invasive aquatic and riparian weeds: current programmes and future prospects

Husák Š. - Water weeds spread and its reasons

Prach K. & Pyšek P. - Invasion dynamics of *Impatiens glandulifera* - a century of spreading