



SPA AURORA CONFERENCE HALL

Wednesday 4th May

Opening party from 18.00 (at the Institute of Botany CAS!)

Thursday 5th May

8:00 Registration

9:00 Welcome

Session 1 Chair: Mark van Kleunen

9:15 **Katharine Suding** **The importance of niche dynamics in restoration and conservation**

10:00 Anna Roeder Is the storage effect in plant populations related to plant community diversity?

10:15 Gilad Ben Zvi Local versus regional: are wide geographic gradients the main influence on the demography of *Sternbergia clusiana* populations? (S)

10:30-11:00 Coffee (at the conference hall)

11:00 Zdeněk Janovský Inferring species population dynamics at landscape scale from few populations studied in detail: a model validation with field data

11:15 Susanna Vain Mission suicidal – putative tragedy of the commons leads to sterile populations in four densely growing *Arabidopsis thaliana* ecotypes (S)

11:30 Jan Ruppert The good, the bad and the rainfall - Drylands' Stability towards positive and negative rainfall anomalies

- 11:45 Kristin Ludewig Impact of drought intensity on seedling performance of six floodplain grassland species
- 12:00 Merav Seifan Is the effect of climate change less dramatic than expected? Lessons from a study of shrub seedlings
- 12:15 Jurg Stöcklin Demography of the giant monocarpic herb *Rheum nobile* in the Himalayas

12:30 – 14:00 Lunch (at the Spa Aurora cafeteria)

Session 2 Chair: Katja Tielbörger

- 14:00 Mark van Kleunen Plant naturalization: from global patterns to regional and local drivers**
- 14:45 Eva Maria Malecore Does phylogenetic distance between invasive and native plants matter? (S)
- 15:00 Robin Schmidt What predicts disease pressure in plant communities: Host abundance, phylogeny or species origin? (S)

15:15 – 16:45 Coffee and POSTER SESSION (at the conference hall), even numbers

15:30 – 16:00 LIGHTNING TALKS

- 16:45 Tereza Mašková N:P:C seed stoichiometry of annual plants (S)
- 17:00 Efrat Dener Long distance pollination results in short distance dispersal (S)
- 17:15 Itamar Giladi When we say 'seed dispersal', what exactly do we mean?
- 17:30 Martin Weiser Environmental cues: their role on the growth of clonal plants

17:45 – 18:45 Dinner (at the Spa Aurora cafeteria)

Evening guided walk around Třeboň from 19.00

Guided tour through the Třeboň Brewery from 20:00

Friday 6th May

Session 3 Chair: Diethart Matthies

- 9:00 Filip Kolář Ecological and evolutionary significance of polyploidy: new insights from population studies**
- 9:45 Clara Bertel Can environmentally induced phenotypic variation lead to recurrent speciation? - Insights from the mountain plant *Heliosperma pusillum* (Caryophyllaceae) (S)

- 10:00 Tobias Sandner Inbreeding limits responses to environmental stress in *Silene vulgaris* (S)
- 10:15 Hanah Bichsel Differentiation along elevation and temperature effects on flowering traits in *Campanula rotundifolia* and *Campanula scheuchzeri* (S)

10:30-11:00 Coffee (at the conference hall)

- 11:00 Jun Shi Effects of genetic admixture on local adaptation (S)
- 11:15 Vít Latzel The role of transgenerational effects in adaptation of clonal offspring of white clover (*Trifolium repens*) to drought and herbivory
- 11:30 Anubhav Mohiley The role of herbivore induction in determining metal hyperaccumulation (S)
- 11:45 Marc Stift More than just heterosis: admixture between native and invasive *Mimulus guttatus* has beneficial effects beyond the first generation
- 12:00 Ruichang Zhang Intraspecific facilitation: response and effects of conspecific genotypes with different stress tolerance (S)
- 12:15 Niek Scheepens Environmental variability and intraspecific diversity affect population invasibility

12:30 – 13:45 Lunch (at the Spa Aurora cafeteria)

Session 4 Chair: Gerhard Karrer

- 14:00 Mari Moora Secret partners of plants: contribution of arbuscular mycorrhizal fungi to the plant performance and community dynamics**
- 14:45 Michal Gruntman Evolution of plant defences along an invasion chronosequence: defence is lost due to enemy release- but not forever
- 15:00 Anna Bucharova Plant genotype effect on herbivore performance: a metaanalysis

15:15 – 16:45 Coffee and POSTER SESSION (at the conference hall), odd numbers

15:30 – 16:00 LIGHTNING TALKS

- 16:45 Nestor C Pöll Recent land-use changes in managed grasslands of the Swiss Alps and their impact on plant diversity (S)
- 17:00 Anat Tsafirir Field experiment testing for the effect of fire season on plant regeneration rate and on species composition in Mediterranean woodland (S)

17:15 Lotte Korell Interactive effects of disturbance, herbivory and plant origin on seedling recruitment are weakly reflected at the community level

CONFERENCE DINNER at Spa Aurora conference hall from 18:30

Saturday 7th May

Session 5 Chair: Merav Seifan

9:00 Francesco de Bello Functional traits as determinants of population spatial and temporal patterns

9:45 Javier Puy Functional trait dissimilarity decreasing the effect of competitive hierarchies in plant interactions (S)

10:00 Eva Švamberková Experimental assessment of the role of biotic interactions in delimitation of the community species pool (S)

10:15 Birgit Lang How do traits of pairs of congeneric species change along a precipitation gradient? (S)

10:30-11:00 Coffee (at the conference hall)

11:00 Susanne Tautenhahn On the effect of environmental filtering versus biotic interactions on intraspecific trait variability

11:15 Solveig Franziska Bucher Shifts of phenological phases of herbaceous species as depending on plant functional traits along altitudinal gradients in the Bavarian Alps

11:30 Maria Májeková Synchrony of species temporal fluctuations in relationship with plant functional traits

11:45 Jan Lepš Synchrony in fluctuation of populations as determinant of stability

12.00 Farewell, prizes, and next meeting announcement

13:00 – 14:00 Lunch (at the Spa Aurora cafeteria)

14:15 EXCURSION