

Doctoral seminar at the Department of Botany, 18. 1. 2018

Presentation at the doctoral seminar belongs to the yearly duties of every student in the PhD programme. Exceptions apply to PhD students with interrupted studies and to newly enrolled students, which typically first present in their second semester at the seminar of the MSc. students to allow for longer discussion. Ordinary presentations have a window of 20 minutes including discussion (*ca* 8 minutes), final presentations and the introductory presentations (if any) are scheduled for 30 minutes. It is expected that the ordinary presentations summarize the progress of the study over the last year, including the planned achievements (data collection, research stays, publications) for the following year. The presentations will be evaluated by the staff members, both contents and form of the presentations, as well as the achieved results compared to the expected state (based mostly on the time spent on the dissertation) will be considered.

Presenting **students are expected to take part in at least three sessions** according to their choice to support the discussion and exchange of ideas (and to obtain the credit for the seminar ;-)

8:25 Introduction to the seminar

Session 1: Ecology of plants (*chairman J. Lepš*)

08:30–08:50 T. Galland: Are the redundancy indices redundant?

08:50–09:10 P. Janečková: The coexistence of grassland species in fragmented landscape

09:10–09:30 E. Švambergová: Assembly rules in plant communities

09:30–09:50 A. Vojtkó: The importance of floral traits in plant community assembly:
Phylogenetic conservatism of reproductive functional traits

09:50–10:00 – break

Session 2: Ecology of plants, contd. (*chairman F. de Bello*)

10:00–10:20 J. Puy: Adaptive transgenerational effects in biotic interactions

10:20–10:40 M. Konečná: The role of ants in vegetation

10:40–11:10 M. Kotlínek: Which factors limit distribution of mycoheterotrophic plants?
(final presentation)

11:10–11:40 P. Světlíková: Effects of abiotic factors on root hemiparasites

11:40–12:40 – lunch break

Session 3: Phycology (*chairman T. Hauer*)

12:40–13:00 A. Vondrášková: Polyphasic approach to the taxonomy of cyanobacteria of the marine splash zone

- 13:00–13:20** S. Rasouli: Unexplored diversity of Cyanobacteria: traditional taxa in modern view
- 13:20–13:40** L. Štenclová: Systematics of green coccal algae inside the classes Trebouxiophyceae and Chlorophyceae

13:40–13:50 – break

Session 4: Archeobotany and vegetation ecology (chairman Klára Řehouňková)

- 13:50–14:10** M. Ptáková: Hunter-gatherer archaeobotany
- 14:10–14:30** J. Kosňovská: The early modern useful plants in Prague castle based on archaeobotanical analyses
- 14:30–14:50** L. Šebelíková: Near-natural restoration vs. forestry reclamation of mining sites on different spatial scales
- 14:50–15:20** S. Balami: Fungi at land use gradient in temperate region of Central Nepal (**introductory**)

15:20–15:30 – break

Session 5: Systematics of higher plants (chairman Petr Koutecký)

- 15:30–15:50** O. Hornych: To what extent do ferns in the *Dryopteris carthusiana* group hybridize and why do we need to know
- 15:50–16:10** Š. Svobodová: Genetic variability in the genus *Euphrasia*
- 16:10–16:40** A. Manukjanová: Biology of cryptic species of the moss *Hamatocaulis vernicosus* (**final**)

16:40–17:00 – closed evaluating session (staff members)

- 17:00** Evaluation of the presentations, final discussion

Non-presenting students and visitors welcome!

08/01/2018

Jan Kučera