

Doctoral seminar at the Department of Botany, 17. 1. 2023

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. Presentations (regular, marked R in the following list, introductory [I], final [F]) have a slot of 30 minutes including discussion (*ca* 15 minutes) except for 'post-final' [P] presentation of students which already presented their final presentations last year (20 minutes including discussion). It is expected that the ordinary presentations provide a brief background and mainly summarise the progress of the study over the last year, including the planned achievements (data collection, research stays, publications) for the following year, the final presentations summarise the achievements over the whole study and compare them with initial goals and introductory presentations show the background and goals of the project and present the methods planned to achieve the goals. 'Post-final' presentations only briefly summarise the achievements of the last unreported period. The presentations will be evaluated by both staff members and students for contents and form of the presentations and receive the feedback from the evaluation.

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

This year's seminar will run **in a hybrid normal+online mode** to allow for the presence of speakers and staff/specialist board members that cannot arrive physically. This means that the whole event will be streamed from the lecture room in Botanical Villa as a **video-conference within a dedicated 'team'** (entitled 'Seminar of PhD students in Botany, 2023') in MS Teams platform. The '**team**' itself is a platform where you will find links to all sessions and schedule of the seminar. To join the streaming session, it is not necessary to join the team, but you can use the direct session links specified below.

To [join the team](#) (valid for faculty members, i.e. all who have an account in @jcu.cz domain), start MS Teams software and join the team using the following code: **qkwgddg**
The shortened address of the team (if the code access does not work for you) is **<https://bit.ly/3XfW5A8>**

To [join the videoconference \(sessions\)](#) directly, please **use this shortlink**
<https://bit.ly/3GU6bBo>

Non-presenting students and visitors welcome!

Looking forward to seeing you at the seminar,

09/01/2023

Jan Kučera

Schedule of the seminar (streamed online at <https://bit.ly/3GU6bBo>)

8:00 **General session** Opening of the seminar, explanation of evaluation rules

Session 1: Systematics, molecular ecology and biochemistry (*chairwoman Martina Vašutová*)

08:10–08:40 **S. Balami:** Fungi at land use gradient in temperate region of central Nepal **[F]**

08:40–09:10 **José Yerena:** Continuing assessment of the biosynthesis of cyanotoxins from *Aetokthonos hydrillicola*-**[R]**

09:10–09:40 **Kateřina Vejvodová:** Hidden variability of *Huperzia* (Lycopodiaceae, lycophytes): The first steps toward understanding of the *H. selago* group from the perspective of cytotype and spore variability **[R]**

9:40–9:50 – coffee break

Session 2: Functional ecology of plants (*chairman L. Götzenberger*)

09:50–10:20 **Szilvia Neumann:** Intra- and interspecific trait variability analysis of closely related *Carex* species **[R]**

10:20–10:50 **Markéta Applová:** Floral economic spectrum: exploration of intra- and interspecific variability and relation to the plant economic spectrum **[I]**

10:50–11:20 **M.E. Lillipuu:** Role of plant traits in understanding establishment limitations in restored grasslands of White Carpathians **[R]**

11:20–11:40 **Aleš Lisner:** Community biomass stability is driven by interplay between species identity, diversity, dominance, but not so much by synchrony **[P]**

11:40–12:30 – lunch break

Session 3: Montane and Arctic ecology and phylogeography (*chairman J. Doležal*)

12:30–13:00 **Viktorie Brožová:** *Saxifraga oppositifolia* – meeting of two ploidy lineages in the Arctic **[R]**

13:00–13:30 **Thinles Chondol:** Ecology of high-elevation plants in Ladakh, NW Himalayas: functional adaptations and climate responses **[I]**

13:30–14:00 **Rai Samresh:** Climatic influences on the growth of conifers and alpine forbs along the elevation gradients of the Himalayas **[I]**

14:00–14:10 – coffee break

Session 4: Community ecology and archaeobotany (*chairman J. Lepš*)

14:10–14:40 **Lucie Houdková:** Spatial composition of seedlings and their growth and survival across multiple years in lowland tropical forest of Papua New Guinea **[R]**

14:40–15:10 **Iulia Salova:** Expansion of agricultural practices to the Volga-Urals during the Iron Age: archaeobotanical perspective **[I]**

15:10–15:40 **Ume Farwa:** Establishment of dry grassland species in differently aged and managed successional stages **[R]**

15:40–15:50 – coffee break

Session 5: Restoration ecology (chairwoman K. Řehouňková)

15:50–16:20 **Anna Müllerová:** Succession of aquatic and wetland vegetation in various post-mining sites **[F]**

16:20–16:50 **Kamila Vítovcová:** Vegetation succession in disturbed sites. Environmental factors influencing succession on the broader scales **[R]**

16:50–17:20 – closed evaluating session (staff members)

17:20 **General session:** Public evaluation of presentations, awards announcement, final discussion