



CHARLES UNIVERSITY, FACULTY OF SCIENCE
DEPARTMENT OF ECOLOGY

Viničná 7, 128 44 Praha 2
<http://www.natur.cuni.cz/biologie/ekologie>

SEMINAR PROGRAMME winter term 2020/2021

Seminars take place every Tuesday from 15.00 to 16.30, in the B2P seminar room (Viničná 7, 2nd floor, attic) if not specified. Joint seminars of more departments in Velká zoologická lecture room (Viničná 7, 2nd floor), Krajinova lecture room (Benátská 2, 2nd floor) or Entomologie lecture room (Viničná 7, 1st floor, B121). **If not specified, the primary language of all seminars is English.**

*****During this exceptional semester, most (or even all) seminars will be online, depending on the epidemiological situation. All departmental members will be informed by email. If not, do not hesitate to contact Robert Tropek (robert.tropek@gmail.com). *****

- 6 October** **Opening of the winter semester:** information on courses etc., primarily (but not only) for MSc students
- 13 October** **Štěpán Janeček** (*Dept. Ecology, Charles Univ.*) Plant-sunbird interactions on Mount Cameroon (with Dept. Botany, Krajinova lecture room)
- 20 October** **I. Schneiderová** (*Dept. Zoology, Charles Univ.*): Calling bush babies: benefits of listening to galagos (with Dept. of Zoology, Velká zoologická lecture room)
- 27 October** **Presentations of 1st year MSc students**
- 3 November** **Slavomír Find'o** (*State Nature Conservancy, Slovakia*) and **Pavel Hulva** (*Dept. of Zoology, PrF UK*) Cores, Corridors, Carnivores: spatial ecology of apex predators and rewilding in Central Europe (with Dept. of Zoology, Velká zoologická lecture room)
- 10 November** **Petr Keil** (*Czech Univ. of Life Sciences, Prague*) Integrating patterns, trends, and predictors of biodiversity across spatial scales (with Dept. of Botany, Krajinova lecture room)
- 14–16 November** **Ph.D. conference** in the Nečtiny Castle – presentations of 1st and 3rd years of Ph.D. students (organised by Michail Rovatsos)
- 24 November** **UNCE** (with Depts. of Zoology and Botany, Velká zoologická lecture room)
- 1 December** **Andrea Lucky** (*Univ. Florida, USA*) Planet of the Ants: Combining genomics with public science to understand the world's worst invasive species (with Dept. of Zoology, Velká zoologická lecture room)
- 8 December** **Vladimír Remeš** (*Dept. Ecology, Charles Univ.*) Diversity, behavior, and coexistence of birds in Australia (with Dept. of Zoology, Velká zoologická lecture room)
- 15 December** **Christmas trip of the Department of Ecology** (organised by MSc students)
- 5 January** **Presentations of 2nd year MSc projects: poster session** (organised by Adam Petrusek)

Programme of UNCE (November 24)

Tomáš Pánek (*Dept. of Zoology*): Adaptation of eukaryotes to low-oxygen environments

Martina Pichrtová (*Dept. of Botany*): Stress tolerance mechanisms of Arctic and Antarctic filamentous green algae (*Zygnematophyceae*)

Petra Frýdlová (*Dept. of Zoology*): Determinate growth is ancestral within Squamates

Daniel Souto Vilarós (*Dept. of Ecology*): Plant-pollinator mediated speciation: from extreme specialization to character divergence

Presentations of 1st year MSc students (October 27)

Anastasia Linyucheva: Factors determining spatial distribution of *Minuartia smejkalii* on different spatial scales (supervisor: Zuzana Münzbergová)

Kateřina Juhaňáková: Behaviour and electric activity of *Gnathonemus petersii* (supervisor: Petra Horká)

Jan Grünwald: Birds in urban environment (supervisor: Jiří Reif)

Eliška Kučerová: Birds in 3D space of the Žofínský prales primary forest (supervisor: David Hořák)

Tomáš Peš: Sex determination in the gecko genus *Phelsuma* (supervisor: Lukáš Kratochvíl)

Lucie Pešová: Abundance and habitat preferences of reintroduced populations of *Chazara briseis* (supervisor: Ondřej Sedláček)

Kateřina Plasová: Diurnal patterns of activity of the invasive spiny-cheek crayfish in selected lentic waters (supervisor: Adam Petrusek)

Matěj Znamínko: Microbial assemblages associated with methane release from the Greenland ice sheet (supervisor: Marek Stibal)