

# PRESENTATIONS OF PhD STUDENTS 19. 6. 2025, UKB B11-335

## APPLICANTS

8:30 Opening and organizational information

1.	8:40	Thais	Prat	EKOL	prof. A. Vetešníková Šimková	The role of parasites and microbiota in the success of invasive freshwater fishes
2.	8:55	Ivna	Azinović	HYBI	doc. Petr Pařil	Trajectories of aquatic macroinvertebrate communities in Central Europe under increasing flow intermittence and the contribution of persisting aquatic refuges to community recovery
3.	9:10	Anne-Lise	Blondeau	ZOOL	dr. Oldřich Tomášek	Metabolic energy substrates in avian blood: hormonal regulation, impact on fitness, and role in life history evolution
4.	9:25	Kristina	Adamová	ZOOL	doc. Jan Zukal	Ecophysiology and behaviour of bats during reproduction
5.	9:40	Kateřina	Velecká	ZOOL	doc. Jan Zukal	Diversity and ecology of bats in urban ecosystem
6.	9:55	Dorota	Víchová	ZOOL	dr. Jarmila Krojerová	Spatio-temporal patterns and drivers of genetic integrity and connectivity in the European wildcat

## Break 15 min.

7.	10:25	Natália	Janišová	BOTA	dr. Pavel Novák	Diversity and ecology of forest vegetation in the Caucasus
8.	10:40	Julia	Kellermannová	BOTA	dr. Flavia Landucci	Integrating Floristic, Vegetation, and Functional Dynamics to understand changes in European Wetlands
9.	10:55	Šárka	Provazníková	BOTA	dr. Petra Hájková	Prehistoric human impact on the vegetation development of the Eastern Sudetes and the Western Carpathians: Origins and dynamics of mountain treeless areas
10.	11:10	Kristýna	Ratajová	BOTA	dr. Eva Mikulášková	Microhabitat-driven patterns in taxonomic and functional composition of wood-inhabiting bryophyte communities
11.	11:25	Vojtěch	Sobotka	BOTA	dr. Martin Večeřa	Diversity dynamics of dry grassland vegetation in a changing landscape
12.	11:40	Adam	Strahl	PARA	doc. A. Bardůnek Valigurová	Co-infection dynamics and interactions between Blastocystis and Entamoeba within the gut ecosystem

## Committee discussion and decision 45 min.

## Lunch break 60 min.

## 1ST YEAR STUDENTS

1.	13:40	Jakub	Puha	BOTA	dr. B. Hutňan Chattová	Taxonomic versus trait-based bioindication approaches in calcium-rich, aero-terrestrial habitats using diatoms
2.	13:55	Viktorie	Klobušická	HYBI	prof. Michal Horsák	Integrative taxonomic revision of selected Holarctic Planorbidae snails: an exploration of local endemism in ancient Balkan lakes
3.	14:10	Petr	Mrhálek	EKOL	doc. Jan Zukal	Metabolic and behavioral aspects of bat hibernation
4.	14:25	Andrea	Quattrocolo	ZOOL	prof. Stano Pekár	Predatory functionality of prey-specific spider venoms
5.	14:40	Rio	Shida	ZOOL	prof. Stano Pekár	Trophic Adaptation in Specialized Spiders

## Committee discussion and decision

The committee for voting on admission and scholarship awards will consist of all current members of the doctoral specialization committees, heads of working groups at Dept. of Botany and Zoology, other associate professors and professors of the department and the Institute of Vertebrate Biology CAS, and supervisors of the applicants. The voting is subject to the attendance of presentations of all applicants (first part of the vote) or all first-year students (second part).