



Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice



CHARLES
UNIVERSITY
IN PRAGUE



HELMHOLTZ
CENTRE FOR
ENVIRONMENTAL
RESEARCH – UFZ



iDiv



MARTIN-LUTHER
UNIVERSITÄT
HALLE-WITTENBERG

German-Czech Summer School on Pollination Ecology

16 – 23 June 2019
White Carpathians, Czech Republic

Topic and Objectives

In cooperation with the South Bohemian and Prague Universities, the Helmholtz Centre for Environmental Research (UFZ), the German Centre for Integrative Biodiversity (iDiv) and the Martin Luther University Halle-Wittenberg (MLU) organize a summer school in the Czech Republic on pollination ecology. We invite students (Bachelor, Master or PhD level¹) from Germany and the Czech Republic to participate.

The summer school aims to provide an introduction to the study of plant-pollinator interactions and to teach students how to collect data on plant-pollinator networks in the field and to perform analyses in order to assess the structure and dynamics of these networks. The data collected will be analysed in order to:

- identify pollinating insects (Hymenoptera, Diptera, Lepidoptera) to broad taxonomic groups
- determine the structure of the plant-pollinator visitation networks for different communities of co-flowering plant species
- determine the effectiveness of different pollinator taxa as pollinators for selected plant species
- identify pollen grains transported by different pollinator taxa as a basis for reconstructing pollen transport networks

The summer school will take place in the White Carpathians, in the surroundings of the village Vápenky (CZ, [48.877018, 17.630864](#)).

All statistical analyses and network analyses will be conducted using the programming language R. The language of the summer school is English.

Duration

16 - 23 June 2019 (arrival on 16th and departure on 23th June)

¹For PhD candidates, please note that the course is designed as an introduction to the topic of plant-pollinator interactions, and the content is designed for students that are new to this field of study.

Instructors

Prof. Dr. Tiffany Knight (UFZ/ MLU/ iDiv): expertise in pollination ecology, experimental design and network analyses

Prof. Dr. Jana Jersaková (University of South Bohemia): expertise in pollination ecology and botany, floral signals

Prof. Dr. Robert Tropek (Charles University): expertise in pollination ecology and restoration ecology, especially in insects

Dr. Reinart Feldmann (UFZ): expertise in entomology

Dr. Demetra Rakosy (UFZ/ iDiv): expertise in pollination ecology, pollen identification.

Requirements

- Bachelor students (in their final years), MSc students or PhD candidates¹ in the fields of botany, ecology, entomology, or other related fields.
- Interest in pollination ecology
- Good English skills
- Motivation to learn in an intercultural working environment

Application process

Prospective participants of the summer school should send their application to demetra.rakosy@ufz.de. Please enclose the following documents in one PDF document:

- a short CV (1 page), including detailed contact information
- a statement (max. 1 page) explicitly addressing
 - why you want to attend the summer school
 - your research interests
 - how you expect to benefit from this summer school
 - your experience (if any) with statistics using R
- names of two people that can provide references

The summer school committee will select 15 students.

Application deadline

28 February 2019

Course costs and funding

Accommodation will be provided at no cost, and travel expenses will be reimbursed after the summer school. There is no course fee.

Funding is provided by the Helmholtz Recruitment Initiative, endowed by the German Federal Ministry of Education and Research.

For further information, please visit our website: <https://bit.ly/2UejZLM>

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