

German-Romanian Summer School on Pollination Ecology

10-14 July 2017

Western Carpathians (Apuseni Natural Park), Romania

Topic and Objectives

In cooperation with Babeş-Bolyai University, Cluj-Napoca (UBB), the Martin Luther University Halle-Wittenberg (MLU), the Helmholtz Centre for Environmental Research (UFZ), and the German Centre for Integrative Biodiversity (iDiv) organize a summer school in Romania on pollination ecology. We invite students (Bachelor, Master or PhD level) from Germany and Romania to participate in this exciting event.

The summer school will teach students how to collect data on plant-pollinator networks in the field. The data will be analysed in order to quantify:

- the breeding system of a plant species
- the magnitude by which plant species are pollen limited
- the environmental and plant traits that correlate with pollen limitation
- the identity of the pollinating insects to broad taxonomic groups
- the structure of the plant-pollinator network for a community of co-flowering plant species.

The summer school will take place in the Gheţari–Scărişoara area, southern part of the Apuseni Natural Park (<https://goo.gl/N1uDwG>). All statistical analyses and network analyses will be conducted using the programming language R. The language of the summer school is English.

Duration

10-14 July 2017 (5 full days)

Instructors

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

Dr. Irina Goia, (UBB): expertise in botany and plant identification

Dr. Joanne Bennett (MLU/iDiv): expertise in pollination ecology, spatial analysis

Dr. Reinart Feldmann (UFZ): expertise in entomology

Valentin Ştefan (UFZ/iDiv): expertise in statistics, R programming

Amibeth Thompson (MLU/iDiv): expertise in plant-pollinator networks

Requirements

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

Application process

Prospective participants of the summer school should send their application to Nina Becker (Nina.Becker@idiv.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 ten summer school students (five students each from Germany and Romania).

Application deadline

Extended until 10 February 2017 for Romanian students

Course costs and funding

Accommodation (including meals) and travel expenses are funded by the Alexander von Humboldt Foundation in the framework of the Alexander von Humboldt Professorship endowed by the German Federal Ministry of Education and Research. There is no course fee.

Unterstützt von / Supported by



Alexander von Humboldt
Stiftung/Foundation

For further information, please visit our website: <http://bit.ly/2hfGi4H>