

## 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](mailto: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**

31 January 2017

## **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.

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