



German-Finnish Summer School on Pollination Ecology

30 June - 7 July 2019
Lake district of Southern Finland

Topic and Objectives

In cooperation with the University of Helsinki (UH), 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 Finland on pollination ecology. We invite students (Bachelor, Master or PhD level) from Germany and Finland 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 how to perform basic analyses in order to assess the structure and dynamics of these networks. The data collected will be analysed in order to:

- identify the 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
- assess the effectiveness of different pollinator taxa as pollinators for selected plant species

The summer school will take place in the Southern Finnish lake district, in the surroundings of Lammi biological station (FI, [61.053742, 25.041234](#)), near Hämeenlinna.

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

Duration

30 June-7 July 2019 (arrival on 30th June and departure on 7th July)

Instructors

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

Dr. Øystein Opedal (UH): expertise in floral evolution and plant-animal interactions

Leana Zoller (MLU/iDiv): expertise in plant-pollinator interaction networks.

Elisabeth Kühn (UFZ): expertise in Lepidoptera and plant identification

Requirements

- Bachelor students (in their final years), MSc students or PhD candidates in the fields of botany, ecology, entomology, or other related fields (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)
- 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 leana.zoller@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 10 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/2RPxQM9>