

A PhD position in Ecology in Slovakia

Motivated candidate is WANTED!

The Evolutionary and Behavioural Ecology Working Group invites candidates with background in biology, ecology or environmental sciences to apply for PhD position at the Institute of Forest Ecology of the Slovak Academy of Sciences in Zvolen, Slovakia (<http://ife.sk/>).

- **Acoustic and foraging ecology of forest bats in Carpathians**
Bats in conservation practice belongs to endangered species, the protection of which indirectly contributes to the protection of other species in the environment. Populations of vulnerable forest bats and their habitats are especially exposed to threats associated with global changes. The PhD project deals with acoustic ecology that link behaviour and activity of bats with their environment and diet. Thus the main objective of the PhD-thesis is to study adaptation mechanisms which are involved in the habitat use and survival of populations of bat species and their roles in altering forest ecosystem. A special focus will be paid on the ecology of the greater noctule, one of the rarest and least known bat but the most charismatic species in Europe.
- **Biogeography and ecology of Orthoptera in Carpathians**
Assessing biodiversity of Orthoptera using taxonomic, functional and phylogenetic diversity in Carpathian Mountains is main objective of the PhD-thesis. The thesis will analyse and assess the importance of various factors predicting selected Orthoptera species distribution in the study area while taking into account operating scale of factors. Revealed patterns of orthopteran diversity and their determinants, association between environmental characteristics and species abundance are expected to be important for understanding of evolutionary processes generating biodiversity. Such knowledge is important for predictions how global change will affect species distribution and survival and for biodiversity conservation.

What we offer

Academic degree: „*Philosophiae doctor*“ (PhD.)

Full time 4 years study (start in September 2021)

Access to laboratories and equipment

Grant resources for the research

Scholarship (Netto EUR/month: 740 from start, 850 after 1.5 year of study)

What we require

CV

Motivation letter

Copy of your diploma (MSc degree or equivalent)

List of publications or a pdf copy of your master thesis

Submission deadline: **15 May 2021**

Send application to kanuch@ife.sk and jarcuska@ife.sk

More info at <https://netopiere.sk/kanuch>