

Master's project in the Small Mammal Ecology Group

Effect of Corridors on Small Mammal Population Genetics

An international project studies whether the presence of corridors affects small mammal population genetics. The genetic analyses will be done by our project partner in the US, but you will be involved in the data analysis. The project combines landscape ecology, population genetics and fieldwork. The same protocol is applied in different countries, and the project will provide samples from Germany in summer 2022.

What you will do:

- life trapping of small mammals at 10 different trapping sites in the Hainich/Eisenach area (100 km west of Jena) from July to November 2022
- taking tissue samples (ear punches) for the genetic analyses
- analyse data with respect to increased connectivity due to corridor structures

What is mandatory:

- a car driving license valid in Germany
- being able to speak and understand enough German as to communicate with local people and authorities
- very good map reading and GPS navigation
- independent working and self-organisation
- time and willingness to travel all summer and autumn 2022
- willingness to take a course in animal welfare

You will get training in animal handling at the Remderoda enclosures before the start of the project.

If you are interested, please contact Prof. Stefan Halle