

## AG Tierökologie – BioMove Corridor project

### Internship/“Vertiefungsmodul“/bachelor and master thesis

Today, habitat fragmentation is a hot topic and many studies are looking at the effects of fragmentation. A concerning issue is the question of how to compensate for the isolation caused by habitat fragmentation. Nowadays, corridors and stepping stones are very popular methods to reconnect isolated habitats to enhance movement through the landscape for different species. But what properties should a corridor have, what is important and what should be avoided? These are important questions for planning corridors. Furthermore, is it possible to build a corridor which suits the needs of many species? Here, we conduct a field study and collect data of animals over different scales to answer these and other questions.

#### Methods:

Rodent life trapping data: species, determination of body condition, capture-mark-recapture, movement of most common species with hand and automated telemetry, kinship

Larger mammals: camera traps

Aerial predators: collected sighting data at study site by eye

This project is part of a PhD project; students can conduct fieldwork and have the possibility to analyze data for a BSc or MSc thesis.

**Study site:** Data collection takes place in the Uckermark (North-East Brandenburg). Accommodation is provided. A driver's license and an own car would be ideal.

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