Wildlife Ecologist (m/w/d)

ANALYSIS OF INTERACTIONS BETWEEN LARGE PREDATORS, UNGULATES, VEGETATION AND PARASITES IN THE BAVARIAN FOREST NATIONAL PARK

The Bavarian Forest National Park, together with the neighbouring Sumava National Park, is one of the most extensive natural landscapes in Central Europe. Furthermore, the so-called Bohemian Forest Ecosystem still harbours abundant populations of threatened species.

Despite the large size of the protected areas there are still measures necessary to maintain the integrity of the ecosystems and to reduce damage caused by wildlife in the adjacent landscapes. Moreover, global change and invasive species might have negative effects on the food webs of the natural communities. One example is the Giant Liver Fluke, which was first detected in the protected areas in. Infestation by the fluke can weaken red deer and might kill roe deer, which implies far reaching effects across the ecosystem (e.g. roe deer are the main food source of Eurasian lynx).

Within this project the successful candidate will analyse how the flukes are distributed in the ecosystem and how they influence the behaviour and mortality of ungulates and how this affects ecosystem processes such as browsing, bark peeling and seed dispersal. As such, we will survey the populations of large predators and ungulates with camera traps, collect ungulate faeces to determine food composition, stress level and parasitic load, conduct browsing surveys and collar red deer with GPS sensors. Results of this research will directly influence the wildlife management of the national park.

The successful candidates will be responsible for the planning, implementation and coordination of the fieldwork, analysis of the data, publishing the results in international journals and presenting them at conferences. They will also supervise bachelor and master students.

NATIONALPARK
Bayerischer Wald

Standort	Freyunger Straße 2 / 94481 Grafenau
Telefon/Telefax	+49 8552 9600-0 / +49 8552 9600-100
E-Mail	poststelle@npv-bw.bayern.de
Internet	www.nationalpark-bayerischer-wald.de

Your profile:

Ecologist, wildlife ecologist, conservation biologist, landscape ecologist with:

- Excellent Master´s degree

- Experience in handling large data sets

- Excellent background in statistic modelling, the analysis of telemetry and camera trapping data as well as the management of large data sets with the software "R".

- Good ecological knowledge, although statisticians with interest in ecology will also be considered

- Excellent knowledge of English and scientific writing

- Willingness to work in the field for extended periods and under difficult

- conditions

- Driving license

We offer:

Competent and close supervision in a project striving to understand basic ecological principles within an already established broad spectrum of scientific disciplines. The positions are at the Bavarian Forest National Park Administration. Open to applicants is a 66% position according to the collective agreement of the federal states for public service (TV-L) in pay group 13.The position offers the opportunity to do PhD thesis at the University of Freiburg. The position is planned to start 1.03.2021 and is limited to the duration of the project with 34 months.

The workplace is generally suitable for people with severe disabilities. Otherwise equal applicants with severe disabilities will be given preference. In order to achieve equality between women and men, women are particularly encouraged to apply.

The national park administration actively promotes equality for all employees. We therefore welcome applications from everyone, regardless of their cultural and social background, age, religion, belief, disability or sexual identity.

Please send your application (CV, motivation letter and your earliest possible starting date as well as certificates

including academic record) as one PDF file at the latest by December 31 th

2020 via e-mail with the subject "Application Wildlife Ecologist" to personal@npv-bw.bayern.de.

Further information: Prof. Dr. Marco Heurich marco.heurich@npv-bw.bayern.de.

NATIONALPARK
Bayerischer Wald

Standort Freyunger Straße 2 / 94481 Grafenau
Telefon/Telefax +49 8552 9600-0 / +49 8552 9600-100
E-Mail poststelle@npv-bw.bayern.de
Internet www.nationalpark-bayerischer-wald.de