

Job announcement – ref. #04-21006

For over 200 years the Senckenberg Gesellschaft für Naturforschung (SGN) represents one of the most relevant institutions investigating nature and its diversity. Currently, scientists from more than 40 countries conduct research in the fields of biodiversity, earth system analysis and climate change across 11 locations in Germany.

Following its mission to “analyze and document biodiversity in earth system dynamics – to serve science and society” Senckenberg stands for curiosity-driven and application-oriented collections-based research. The Wildlife Genetics Center at the Senckenberg Research Station Gelnhausen uses modern genetic and genomic approaches to investigate and monitor endangered European wildlife in close cooperation with environmental authorities, NGOs, and scientists from across Europe. In order to investigate the extent and patterns of wolf-dog-hybridization within the expanding European wolf (*Canis lupus*) population we seek a

PhD candidate (m/f/d)

(50%, three years with possibility of extension)

We are looking for a highly motivated candidate with strong interest in wildlife research involving large carnivores and molecular genetics. In close cooperation with several researchers from across Europe the candidate will use the existing large collection of wolf samples in Gelnhausen and coordinate European-wide sample collection to conduct a systematic assessment of wolf-dog hybridization at a large spatial scale and analyse factors responsible for regional variation in hybridization and introgression patterns. The work is done in the frame of national (e.g., DBBW) as well as international (CEwolf, LCIE) research and monitoring programmes.

Your tasks:

- Coordinate the European-wide wolf sample collection with numerous international colleagues
- Analyse mainly noninvasively collected samples in the lab
- Statistical analysis of large datasets
- Write scientific publications
- Project communication (in English) and regular presentation of results on conferences

Your profile:

- Master degree in biology or a related field
- Background and interest in wildlife biology/zoology and population genetics/genomics
- Fluency in English both spoken and written; knowledge of German is beneficial but not required
- Willingness to cooperate with colleagues on a European scale
- Excellent organizational skills
- Good knowledge of R and GIS is preferred

What you find:

- An attractive and challenging position in a societal relevant research field with considerable public interest
- A small but vibrant research team that aims to bridge the gap between modern genetic/genomic research and species conservation and wildlife management
- Close supervision regarding all relevant aspects of the PhD project (project management, laboratory, data analysis)
- Working in the calm environment of a research station within the picturesque, historic town of Gelnhausen (23.000 inhabitants) located between the Frankfurt metropolitan area and the nature-rich landscapes of the Vogelsberg and Spessart mountains.

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world of biodiversity

- Flexible working hours – annual special payment – company pension scheme – 30 days holidays – discounted public transportation in the Rhein-Main area – strong support for work/life balance (certified by “*audit berufundfamilie*”).

The contract should **start early 2022**.

The Senckenberg Research Institutes support equal opportunity for men and women and places an emphasis on fostering career opportunities for women and under-represented groups. Qualified women and other under-represented groups are strongly encouraged to apply. Equally qualified applicants with disabilities will be given preference. This job is based in **Gelnhausen**.

Would you like to apply?

Please send your complete application documents (CV, certificates and references, letter of motivation and future visions for research and collections), mentioning the reference of this job offer (**ref. #04-21006**) before **November 12, 2021** by e-mail (attachment in a single pdf document) to:

Team Recruiting recruiting@senckenberg.de

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