

Job offer ref. #01-21036

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 across 11 locations in Germany conduct research in the fields of biodiversity, earth system analysis and climate change.

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. In the Department of Terrestrial Zoology at the Senckenberg Research Institute in Frankfurt am Main we conduct biodiversity research in various ecosystems worldwide.

To continue this research the Senckenberg Society for Nature Research seeks to fill a position within various projects funded by third parties of a

Molecular Ecologist (m/f/d) (full time)

We are looking for an ecologist with a strong background in bioinformatics and experience in using DNA and/or eDNA metabarcoding technologies to study invertebrate communities in terrestrial and/or aquatic ecosystems. The successful candidate will join a number of third party funded project teams working to study and monitor insect communities in forests, streams and urban systems.

Your tasks:

- Coordinate the eDNA/DNA metabarcoding projects in the working group (co-designing the studies including field sampling, data generation in collaboration with the laboratory manager, bioinformatic and ecological data analyses, publishing the results).
- Design strategies for eDNA studies on novel systems, e.g. dead wood
- Actively publish results of your research in national and international scientific journals and popular scientific journals

Your profile:

- Doctoral degree in biology/ecology or related field
- Experience in designing ecological studies
- A good understanding of molecular ecology and community analysis, next-generation-sequencing methods and the analysis of resulting data
- Knowledge of regional insects (ecology and faunistics)
- Excellent publication record
- Fluency in English both spoken and written; good knowledge of German
- Good interpersonal skills and the motivation to collaborate with lab members of the involved projects

What awaits you?

- Excellent infrastructures, reference collections, and opportunities for collaboration e. g. in faunistics, taxonomy, biodiversity genomics (e. g. through LOEWE TBG), evolutionary biology, ecology, statistical and ecological modelling

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world of biodiversity

- An attractive and challenging position in a research institution of international standing
- A salary that reflects the tasks and responsibilities of the position based on the collective agreement for public service in the state of Hessen (TV-H E 13)
- Flexible working hours – annual special payment – company pension scheme – 30 days holidays – discounted job-ticket for public transportation in the Rhein-Main area

The contract should start no later than **January 1, 2022** and is **limited to 24 months**. The Senckenberg Research Institutes support equal opportunity of men and women and therefore strongly invite women to apply. Equally qualified handicapped applicants will be given preference. The place of employment is in Frankfurt am Main, Germany. We guarantee adherence to the law on part-time employment.

You would like to apply?

Please send your application documents (cover letter outlining your motivation and pertinent job and research experience, CV including a list of publications, names and addresses of three references (compiled into a single PDF file)), mentioning the reference of this job offer (**ref.#01-21036**) before **October 15th, 2021** by e-mail to:

Senckenberg Gesellschaft für Naturforschung
Senckenberganlage 25
60325 Frankfurt am Main

E-Mail: recruiting@senckenberg.de



For more information, please contact Prof. Dr. Steffen Pauls, steffen.pauls@senckenberg.de, phone: +49 (69) 7542-1222.