

Job offer ref. #11-17023

Senckenberg Gesellschaft für Naturforschung (SGN) is a member of the Leibniz Association and has an international reputation in all fields of Natural History research. It runs six research institutes and two museums in Germany and is also custodian of the UNESCO World Heritage Site at Messel. At our research institute and natural history museum in Frankfurt am Main, Germany we invite applications for a

Research Associate (65%)

within the context of the Research project “Niche evolution of Tibetan-Himalayan Rhyacophilidae (Trichoptera) II: Comparative Phylogeography and Niche Differentiation of alpine/subalpine *Himalopsyche* of the Himalayan/QTP Region”

Your tasks:

The candidate will comparatively study the phylogeography of subalpine and alpine caddisfly species from genus *Himalopsyche* in the Tibetan-Himalayan region. The project will focus on using anchored hybrid enrichment methodologies and massive parallel sequencing data to address questions on the evolutionary history and population genetics of the target species. Additional research aspects will involve niche modelling and niche differentiation studies that will be performed in collaboration with working groups at the IGB Berlin.

The successful candidate will join a highly motivated team of 8 scientists and research support staff working in the group of Dr. Steffen Pauls on a variety of topics in molecular systematics, population genetics and biodiversity of insects. The workplace is Frankfurt, Germany, but the project will also entail a significant amount of stream ecological field work in challenging environments (e.g. high elevation), and extended stays in central Asia.

Your profile:

- Master Degree in Biology or related disciplines
- background in evolutionary biology or molecular systematics and phylogenetics
- strong interest in working with aquatic insects using molecular & morphological data
- very good organization skills, and the ability and motivation to perform field work in remote mountain areas
- experience with data handling and statistical analyses using programming language(s) (e.g. R, bash) is beneficial
- excellent verbal and written communication skills
- willingness to co-operate with other research groups at Senckenberg, associated projects on the evolution of Himalayan plants and animals, and our international collaborators in the Europe, North America and Asia

What is awaiting you?

It is possible to work towards a PhD degree in the context of this position. Salary and benefits are according to a full time public service position in Germany (**TV-H E13, 65%**). The contract should start on **February 1st, 2018 or as soon as possible** thereafter and is **limited for three years**. The Senckenberg Gesellschaft für Naturforschung support equal opportunity of men and women and therefore strongly invites women to apply. Equally qualified handicapped applicants will be given preference. The place of employment is in Frankfurt am Main, Germany. The employer is the Senckenberg Gesellschaft für Naturforschung.

Please send your application, mentioning the reference of this job offer (**ref. #11-17023**) **before December 15th, 2017** by e-mail (attachment in a single pdf document) and including a letter outlining your motivation and suitability for the position, a detailed CV including a list of publications and solicited funding (if available), contact details of 2 referees, and copies of educational transcripts in a single PDF file to:

Senckenberg Gesellschaft für Naturforschung

Senckenberganlage 25

60325 Frankfurt am Main

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For scientific enquiries feel free to contact: steffen.pauls@senckenberg.de