

Vacancy

Our Mission: Discovering and describing life and earth - with people, through dialogue.

The **Museum für Naturkunde Berlin** (MfN) is an excellent and integrated research museum of the Leibniz Association with an international reputation and globally connected research infrastructure. MfN is active in three closely interlinked fields: collection-based research, collection development, and research-based public and educational outreach. Over the next ten years, the Museum für Naturkunde Berlin will build up a science campus for nature and society in the centre of Berlin as science hub, together with the Humboldt Universität zu Berlin. New laboratories and workplaces for cutting-edge research will be established. One of the world's most comprehensive natural history collections with over 30 million objects will be housed in state-of-the-art buildings as well as fully digitized. The implementation of the so-called *Zukunftsplan* (future plan), funded with a total of 660 million euros from the Federal Government and the State of Berlin, strongly relies on interdisciplinary national and international partners. Become part of our team.

Position: Research assistant (PhD student) (f/m/d) in Evolutionary Genomics

Work schedule: 70% of the weekly working time

Duration: External funding, as soon as possible for 36 months

Salary level: E 13 TV-L

Code: 24/2021

Project description:

The project 'Beyond Species' – newly funded within the Leibniz Collaborative Excellence – aims to predict biodiversity change by integrating genetic diversity into ecological niche models. Important genetic variation might be hidden, and potentially lost, when focusing on the species level only. We will go beyond the species level by surveying intraspecific genetic diversity for the community of insect-predatory bats in Western and Central Asia in order to identify genetically distinct populations. The research focus of this position will be on the identification of evolutionary significant units (ESUs) and on the reconstruction of their evolutionary histories with genome-wide data sets. This will allow to evaluate the impact of geographic separation and genetic introgression after secondary contact of populations on the genetic diversity and local adaptation.

Responsibilities:

- High-throughput DNA-sequencing
- Phylogenomic and population genomic analysis of genome-wide data sets
- Participation in field work in the Caucasus and Central Asia
- Publication of scientific results in peer-reviewed journals
- Presentation of research results at international conferences

The project associated with this position will fulfill the requirements of accomplishing a doctoral degree.

Requirements:

- Master's (or comparable) degree in Biology, Geography, Bioinformatics or related topic
- Scientific background in evolutionary biology and genetics
- Basic bioinformatic skills in handling genomic data sets are desirable
- Very good English language skills (written and spoken)
- Ability to work in a team, reliability and self-sufficiency

Special notes:

In support of equal rights applications from qualified women are particularly welcome. Handicapped individuals will be given preference in cases of identical qualifications.

We look forward to receiving your application with the usual documents (cover letter, curriculum vitae, certificates) by **30.05.2021**, preferably via our online application portal.

For information on the application procedure, please contact recruiting@mfn.berlin.

Further informations:**Privacy Policy:**

By sending your application, you provide us with your information for the purpose of processing your application by the Museum für Naturkunde. Your data will be kept strictly confidential at all times. Once we have received your application documents, they will be entered into our database. Your data will be stored on our server. In doing so, we observe the provisions of the data protection laws.

[Information about the handling of applicant data at the MfN](#) (in German)

and

[Privacy policy for the MfN website](#) (in German)

**Family Policy:**

The Museum für Naturkunde has set itself the goal of promoting a work-life balance and has been awarded the certificate berufundfamilie audit of berufundfamilie gGmbH - an initiative of the Hertie Foundation.

Further information can be found under:

<https://www.museumfuernaturkunde.berlin/en/uber-uns/jobs-und-karriere/arbeiten-am-museum-fur-naturkunde/reconciling-work-and-family-life-audit>