

Job announcement ref. #01-21012

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. The head office of Senckenberg is Frankfurt am Main together with the Senckenberg Research Institute and Natural History Museum Frankfurt.

To support the DFG-funded Specialised Information Service Biodiversity Research (BIOfid, www.biofid.de) at our location in Frankfurt am Main or optionally in Görlitz we are looking for a

Research Associate (m/f/d) (full time)

at the earliest possible date.

We are an interdisciplinary team of natural scientists, text technologists and librarians developing new text mining tools for semantic indexing of 19th and 20th century Central European biodiversity literature (mainly in German language). Existing data on the systematics and ecology of various organisms, which have been difficult to access until now, can thus be mobilised and used by scientists for further studies. In our second project phase, we focus on ecosystem services in the sense of plant-pollinator interactions and soil invertebrates.

Your tasks

- Extension, standardisation and structuring of existing vocabularies and thesauri on morphological and functional traits of soil fauna based on the data warehouse Edaphobase and in collaboration with an international team
- Support for the ontology development on species traits of soil fauna and its linkage to taxonomic ontologies
- Evaluation and consolidation of text mining technologies
- Analysing and publishing project-related data
- Project presentations at national and international conferences
- Participation in the organisation of workshops for user groups
- Reporting to the DFG and the scientific advisory board

Your profile

- Successfully completed university studies (ideally a doctoral degree) in biology, bio(diversity)informatics or a related field
- Good knowledge of terminologies and nomenclatures in biology, especially morphology, systematics and traits of soil fauna
- Basic understanding of zoological-ecological interactions and functions
- Knowledge of basic data standards for biodiversity data
- Fluency in English both spoken and written
- Excellent abilities in team work and communication as well as self-reliant service- and target-oriented operation

Advantageous are

- German language skills
- Software skills for the development of ontologies (e.g. Protégé)
- Experiences with database queries

What is awaiting you?

- An attractive and challenging position in a research institution of international standing
- The opportunity to gain experience in the above-mentioned fields of research as well as the chance to participate in an international network with scientists in interdisciplinary fields
- Flexible working hours – mobile working – leave of absence due to family reasons – parent-child-office (certified by the audit berufundfamilie) – annual special payment – company pension scheme – Senckenberg badge for free entry in the Senckenberg museums – leave of 30 days/year – discounted job ticket (for the Rhine-Main area)

Salary and benefits are according to a full-time public service position in Germany (TV-H E 13). The contract should **start as soon as possible** and will **initially be limited to one year** (with option of extension).

The Senckenberg Research Institutes 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 or optionally in Görlitz, Germany.

You would like to apply?

Please send your complete and meaningful application documents (letter of motivation, CV, educational and professional certificates and credentials, as well as professional references), mentioning the reference of this job announcement (**ref. #01-21012**) and if possible your preferred place of work (Frankfurt or Görlitz) before **April 7th, 2021** by e-mail (attachment in a single pdf document) to recruiting@senckenberg.de or apply directly on our homepage using the online application form.

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For more subject-specific information, please contact Dr. Christine Driller,
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