

The Martin Luther University Halle-Wittenberg, Faculty of Science I, Institute of Biology, Geobotany and Botanical Garden, in cooperation with the German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, offers the following position in the research group of Prof. H. Bruelheide in the research project "sMon- Biodiversity trends in Germany" in cooperation with Dr. Diana Bowler, Prof. Aletta Bonn, Prof. Florian Jansen and Dr. Marten Winter- starting **on October 1st 2020** and initially *limited for 12 months*:

Postdoctoral Researcher (m-f-d)

as **full-time employment**. An extension for further 36 months is possible and dependent upon successful renewal of DFG funding for iDiv (evaluation in spring 2021).

The advertisement is exclusively for staff which already is employed at the Martin Luther University Halle-Wittenberg.

The salary will be up to Entgeltgruppe 13 TV-L, if the personal requirements and tasks are fulfilled. The workplace will be Halle (Saale).

The German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig is a National Research Centre funded by the German Research Foundation (DFG). Its central mission is to promote theory-driven synthesis and data-driven theory in this emerging field. It is located in the city of Leipzig and it's a central institution of the Leipzig University, jointly hosted by the Martin-Luther-University Halle-Wittenberg, the Friedrich Schiller University Jena and the Helmholtz Centre for Environmental Research (UFZ). More Information about iDiv: www.idiv.de.

The detection of changes in biodiversity is one of the most important research fields at iDiv. Here, the strategic project sMon - Biodiversity Trends in Germany - plays a central role (www.idiv.de/smon). In the past four years, sMon has built up a very successful Germany-wide collaboration with nature conservation authorities, natural history societies, museums, professional associations and other scientists. The aim of sMon is to provide trend analyses based on existing biodiversity data. This is currently achieved by two research assistants working at FSU Jena / iDiv and MLU / iDiv.

Work tasks:

- Synthesis and systematic evaluation of biodiversity monitoring data with a focus on Germany in cooperation with nature conservation authorities of the federal states
- Compilation and harmonization of data sets for different taxa and habitat types from the federal states, professional associations etc.
- Trend analyses of biodiversity patterns for selected species / species groups and habitat types
- Analyses of the possibilities and limits of evaluating existing data sets
- Evaluation of the recording methods and databases for devising future nationwide recording programs
- Close cooperation with specialist authorities, museums and specialist societies
- Writing scientific publications for national and international journals

- Co-organization and implementation of sMon workshops with the sMon team

Requirements:

- PhD in biology, ecology, computer science or related fields with a clear connection to biodiversity research
- Very good knowledge of one organism group, preferably higher plants, lichens or mosses. Knowledge of other groups (arthropods, vertebrates) is also desirable.
- Particular strengths in quantitative analyses, especially in time series
- Experience in database management
- Experience in coordinating workshops
- Experience in cooperation with specialist authorities, professional associations and museums is desirable, good team player
- Very good written and spoken German skills, fluent written and spoken English skills demonstrated by a list of publications
- Flexible and independent way of organizing work with a clear focus on science

Severely disabled persons are encouraged to apply and will be given preference in the case of equal suitability. Women are strongly urged to apply.

For queries about the research project, kindly contact Prof. Dr. Helge Bruelheide, phone +49 345 55 26222, E-mail: helge.bruehlheide@botanik.uni-halle.de.

Please submit your full application dossier in English with **registration number 4-5505/20-D until 30th June 2020**. Applications should be submitted as single PDF document via E-mail to helge.bruehlheide@botanik.uni-halle.de or via mail to Martin-Luther-Universität Halle-Wittenberg, Institute für Biologie, Geobotanik und Botanischer Garten, Prof. Dr. H. Bruelheide, Gr. Steinstraße 79/80, 06108 Halle (Saale).

Applications should include (1) a motivation letter explaining your interest for biodiversity monitoring (max. 1 page), (2) a curriculum vitae, (3) certificates (MSc/ PhD) and (4) two scientific references.

The position is offered with reservation of possible budgetary restrictions.

Application portfolios will not be returned, application costs will not be reimbursed.

An electronic application is desirable.