



iDiv

German Centre for Integrative
Biodiversity Research (iDiv)
Halle-Jena-Leipzig

External Job Announcement **Reg.-Nr. 4-11798/24-H**

Modern, interconnected, conscious of tradition: Martin Luther University Halle-Wittenberg (MLU) is the oldest and largest university in the State of Saxony-Anhalt with a history dating back more than 500 years. Today more than 20,000 students are enrolled at the university. MLU's core research areas are in the nanosciences and biosciences, the Enlightenment, as well as in social and cultural research. The university is also home to a range of small disciplines, some of which can be found nowhere else in Germany. The university has excellent national and international ties, and works closely together with leading research institutes, industry, and more than 250 universities around the world.

The Martin Luther University Halle-Wittenberg, in cooperation with the German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, offers the following position, commencing on 1 March 2025 or at the earliest opportunity thereafter and limited for up to 2 years:

Postdoctoral Researcher (m/f/d) for the Flexpool Project „Thermal effects on male reproduction and their relevance for predicting population and distributional responses to heat waves“

as full-time employment (100%).

The salary will be up to Entgeltgruppe 13 TV-L, if the personal requirements and tasks are fulfilled. The workplace will be in Halle (Saale) in the research group of Prof. Dr. Claudia Fricke, Institute for Zoology, Animal Ecology group.

The project:

The German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig explores how biodiversity can be recorded, how it develops in the course of evolution, how it changes, what consequences it has for the functioning of ecosystems and how it can be preserved in the long term. iDiv is jointly funded by the University of Leipzig, Martin-Luther-University Halle-Wittenberg, Friedrich Schiller University Jena and the Helmholtz Centre for Environmental Research GmbH - UFZ and will be continued with generous support from the federal states of Saxony-Anhalt, Thuringia and Saxony after termination of the DFG funding. More information about iDiv: www.idiv.de.

The project aims at investigating short term heat stress on male reproductive function, particularly sperm function. This data is used to model changes in species distribution under different climate change scenarios to understand local population responses to heat events.

Tasks:

- Catching and identifying different wild insect species
- Performing experiments, including dissections and molecular assays
- Analyzing collected data
- Modelling species distributions under different climate change scenarios
- Writing and publishing scientific papers in peer-reviewed journals
- Presenting results at national and international conferences
- Teaching courses at MLU in accordance to LVVO (state regulation for university teaching)

Requirements:

- Scientific University degree (Diploma/ M.Sc.) in a project-related field (e.g., Entomology, Zoology, Ecology), a doctoral degree is desirable
- At least three years of experience in research and in the publication of scientific results

- Strong background and experience in entomological/zoological empirical work
- Expertise and experience in data analysis and modelling
- Skills in insect species identification
- Interest and ability in performing molecular work
- Excellent English communication skills (spoken and written)
- Team-orientation with interest and ability in interdisciplinary research
- Organizational skills

The Martin Luther University Halle-Wittenberg gives priority to applications from severely disabled candidates with equivalent qualifications. Women are particularly encouraged to apply. Applicants with a degree that was not obtained at a German higher education institution must submit a Statement of Comparability for Foreign Higher Education Qualifications from the Central Office for Foreign Education ([Zentralstelle für ausländisches Bildungswesen](#)) to prove equivalence. This Statement can also be submitted after successful completion of the hiring process.

Queries concerning the application process should be directed to flexpool@idiv.de. For project-related questions, please contact Prof Dr. Claudia Fricke (Claudia.Fricke@zoologie.uni-halle.de).

Please submit your full application dossier only in English with registration number 4-11798/24_H by 24/12/2024. Applications should be submitted via our iDiv application portal at <https://apply.idiv.de>.

Applications should be in English, including:

- Cover letter in English tailored to the research project
- Complete curriculum vitae
- A publication record and names of two senior scientists who could serve as possible references
- Digital copies of Bachelor's and Master's degree and PhD (if applicable) certificate or equivalent

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

The position is offered with reservation of possible budgetary restrictions and dependent upon final approval of funding.

iDiv is committed to establishing and maintaining a diverse and inclusive community that collectively supports and implements our mission to do great science. We will welcome, recruit, develop, and advance talented staff from diverse genders and backgrounds.