



Job Advertisement 20/Wi43

At the **Institute of Botany and Landscape Ecology**, Working Group General Botany & Plant Systematics, Faculty of Mathematics and Science of the University Greifswald, we want to fill (subject to budgetary regulations), earliest from Dec. 1, 2020, a part time job (50%) for the duration of three years as a

Research associate

There is an option for the extension of the contract, and for an upgrading to 75% of the full working time, earliest from Sept 16, 2021. Salary is based on pay group 13 TV-L Wissenschaft, including fringe benefits.

Working tasks:

Scientific services in research and teaching will be expected.

In research the associate should contribute to a focus on species formation and population biology of phanerogams and cryptogams. Available equipment includes greenhouse space or a climate chamber for experiments, laboratory capacity and equipment for analyses of the genetic diversity of populations (PCR, fingerprinting techniques, sequence analysis with capillary Sequencers) and the DNA content of cells (flow cytometry). A Keyence VHX7000 digital microscope is available for morphometric analyses.

Participation in teaching in the amount of two course hours per week is required, including courses on systematic botany, vascular plant determination (B.Sc. curriculae) and practical courses on population biology and genetics of plants (M.Sc.).

The position offers the opportunity to acquire further scientific qualifications, like a PhD, a habilitation or equivalent scientific achievements within the research area mentioned above. For candidates aiming towards a PhD, it is possible to participate as an associated PhD student in the Research Training Group RTG 2010 - "Biological responses to novel and changing environments – RESPONSE".

Requirements:

We are looking for a qualified employee with the following requirements:

- an excellent MSc or PhD thesis work with a focus on species formation, evolution, or population genetics in plants or cryptogams,
- first or (for candidates holding a PhD) thorough experience with research projects and publications,
- practical knowledge of molecular methods of population analysis (molecular markers), microsatellites and (preferably) NGS-based methods,
- basic knowledge of species of higher plants, knowledge of species in a cryptogam group would also be advantageous,
- experience with morphometric analyzes, also using AI-based approaches or with reproductive biological work techniques (especially flow cytometry) is desirable,
- fluent in German (teaching in BSc courses) and English.

This announcement is directed at all persons, no matter which gender. The university

would like to increase the proportion of women in areas in which they are underrepresented and thus applications from women are particularly welcome and will be treated with priority if they have the same qualifications and as long as there are no clear reasons which make a fellow applicant more suitable. Severely disabled applicants with the same qualifications will be considered with preference.

According to § 68 Sub-Section 3 PersVG M-V, the staff council (Personalrat) will only be involved in staff matters of the academic or artistic staff on request.

Please only submit copies as part of your application. Unfortunately, application documents cannot be returned, and application costs cannot be refunded by the state of Mecklenburg-Western Pomerania.

Please send your application with a tabular CV, letter of motivation, qualifications and (optional) two names of possible references by Email (in a single pdf file) stating the job advertisement number **20/Wi43** until **31.12.2020** to:

**University Greifswald
Institute of Botany and Landscape Ecology
Prof. Dr. Martin Schnittler
Working group General Botany and Plant Systematics
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