

PhD or Postdoc position (UNIVERSITÄT MARBURG)

Bewerbungsfrist: 30.10.2020

At the *Faculty of Biology, Department Biodiversity of Plants, the research group Evolutionary Ecology of Plants*, Prof. Dr. Robert R. Junker, offers one third-party funded position for a Research assistant (PhD student) The position is offered for a period of 3 years, if no former times of qualification must be considered. The position is part-time (65 % of regular working hours). Alternatively, the position can also be filled, with a Research Assistant (postdoc)

The position is offered for a period of 30 months, if no former times of qualification must be considered. The position is full-time. Both options are starting as soon as possible. The position is with salary and benefits commensurate with a public service position in the state Hessen, Germany (IV-H E 13, 65 %; 100 % as postdoc).

The position will be filled by a temporary contract that is limited to the period which is necessary to gain further scientific expertise (such as the preparation for a subsequent qualification period) or with the opportunity to do a doctorate. Within the entrusted tasks the opportunity for independent scientific work to obtain further personal qualification is given. The limitation complies to § 2, 1 WissZeitVG.

The position is funded by the German Research Foundation (DFG) within the research unit FOR 3000 entitled Ecology and Evolution of Intraspecific Plant Chemodiversity.

The successful candidate will work on the development of statistical approaches to quantify chemodiversity; the properties of the resulting indices will be explored using real-world and simulated data. Additionally, she/he will work on expanding an existing database on enzymes that are involved in the biosynthesis of compounds. Finally, the indices and the database on enzymes will be used to synthesise the data collected in the empirical projects of the research unit. The successful applicant will hold an MSc-degree or equivalent in biology, ecology or a related discipline and an interest and, preferably, practical experience in chemical ecology. The employment as a postdoc also requires a completed doctorate. Expertise in statistical data analysis using R is expected, strong knowledge in biosynthetic pathways is advantageous. Furthermore, very good organizational and communication skills (e.g. workshops, conferences) are required.

We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. Applicants with children are welcome – Philipps-University is certified as a family-friendly university. Sharing a full-time position (§ 8 Abs. 2 S. 1 HGIG) as well as a reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs can not be refunded.

Please send your application (including a cover letter, CV, list of publications, a short statement of research interests) and contact-details of 2 - 3 references, mentioning the registration number **fb17-0038-wmz-2020** as a single pdf file to Ms. Sabine Zimmermann, sek.junker@uni-marburg.de. Deadline is **October 30 th, 2020**