



LUDWIG-  
MAXIMILIANS-  
UNIVERSITÄT  
MÜNCHEN

FAKULTÄT FÜR BIOLOGIE  
PRINZESSIN THERESE VON BAYERN  
LEHRSTUHL FÜR SYSTEMATIK, BIODIVERSITÄT &  
EVOLUTION DER PFLANZEN



Institution	Faculty of Biology - Systematics, Biodiversity and Evolution of Plants
Remuneration group	TV-L E13
Full-time / Part-time	Full-time (100%)
Start date	01.01.2025
Application deadline	2024-09-30

---

## About us:

We study the phylogeny, evolution, ecology and systematics of various angiosperm families (<https://www.en.sysbot.bio.lmu.de/people/professors/kadereit/index.html>). A special focus lies on biogeography, hybridization, adaptation and the evolution of complex traits. We base our research on field studies, experimental as well as phylogenomic and genomic approaches integrating the rich collections of the Botanical State Collection Munich and the Botanical Garden Munich (both belong to the Natural History Collections of Bavaria).

The endangered flora of Bavaria and in particular its alpine species and their protection are important to us. Therefore, we now broaden our research by investigating the ecology, adaptation and population genomics of endangered plant taxa in Bavaria. We aim to identify the factors causing their decline in the last 200 years by including both historical and extant populations. Population genomic and phylogeographic analyses will try to elucidate where and when the endangered Bavarian populations originated. Most importantly, comparison of historical and extant populations will show which genotypes survived. We seek to infer the adaptive advantages of the survivors using genomic comparative analyses. This will allow us to understand whether habitat fragmentation or land use changes on the one hand or changes in selective regime such as climate change on the other hand were the driving factor of the decline. This is important information for understanding the current situation of endangered species and for assessing their potential for reintroduction.

Subject to final approval, a research position (TV-L E13, 100%) is to be filled as of 01.01.2025:

## Researcher - Ecology, adaptation and population genomics of endangered plant taxa in Bavaria (m/f/x)

in Munich

### Your tasks and responsibilities:

- Develop and conduct research projects in the area outlined above
- Lead a small research group and acquisition of further funding
- Manage and analyse research data, publish research findings in peer-reviewed scientific journals, present research results at inter-/national conferences

- Participate in teaching in topics related to the project
- Supervise students at the Bachelor-, Master-, and PhD-level
- Participate in outreach related to the research topic
- Further academic qualification is sought (habilitation or equivalent)

## Your qualifications:

- Completed university degree in Biology and Doctoral degree in a relevant field (e.g., population genomics, plant ecology, conservation)
- Strong background in genomics and bioinformatics/statistics
- Experience in state-of-the-art molecular laboratory and plant ecology
- Some experience with funding-acquisition and/or teaching is advantageous
- Some experience in leadership and supervising is advantageous
- Excellent oral and written communication skills in English and German
- Driving licence

## Benefits:

We offer a stimulating research environment in a young and highly motivated international team. Your workplace is located at two sites. Living collections and experimental fields are based in a satellite research station near Wolfratshausen. Office, laboratories, experimental greenhouse and further research facilities are located at the Institute of Systematics, Biodiversity and Evolution of Plants, LMU Munich (Menzinger Str. 67, Munich). For transport and field work, a staff car will be available. We offer flexible working hours, support in balancing work and family life, and professional training and personal development activities through a variety of [LMU support services](#). In addition you can benefit from various [LMU corporate benefits](#).

The position is remunerated in accordance with the collective agreement of the federal states (TV-L) in salary group E13 (100%). The position is initially limited to three years with a possibility for extension for additional three years. You have the possibility to work towards the completion of a habilitation (German post-doctoral degree) at the Faculty of Biology.

Also possible in a part-time capacity.

People with disabilities who are as qualified as other applicants will receive preferential treatment.

## Contact:

Please send your application documents (letter of motivation, CV, list of publications and list of teaching experience, two-page research concept, contact details of three references, copies of degree certificates and transcripts) in one PDF via e-mail to Prof. Dr. Gudrun Kadereit: [g.kadereit@lmu.de](mailto:g.kadereit@lmu.de), no later than **30 September 2024**.

For questions about the advertised position please contact Prof. Dr. Gudrun Kadereit via e-mail.

Also kindly let us know briefly in your cover letter through which **medium/website/etc.** you became aware of our job advertisement.

**Where knowledge is everything.**

LMU researchers work at the highest level on the great questions affecting people, society, culture, the environment and technology — supported by experts in administration, IT and tech. [Become part of LMU Munich!](#)

In the course of your application for an open position at Ludwig-Maximilians-Universität (LMU) München, you will be required to submit personal information. Please be sure to refer to our [LMU Privacy Policy](#). By submitting your application, you confirm that you have read and understood our data protection guidelines and privacy policy and that you agree to your data being processed in accordance with the selection process.