



GEORG-AUGUST-UNIVERSITÄT  
GÖTTINGEN

The Department of Systematics, Biodiversity and Evolution of Plants at the Georg-August-Universität Göttingen is looking to fill the position of a

## PhD position (all genders welcome)

at the 1<sup>st</sup> May 2020 with 65%. Regular working hours will be (currently 25,87 hours per week) with a limited contract of three year(s). This position should be filled between 1<sup>st</sup> May and 1<sup>st</sup> June 2020. Salary: Pay grade 13 TV-L.

### Your duties

- You will work in the framework of the research program “The postglacial biogeography and evolution of willow species (*Salix* L.) of the European Alps”, in collaboration with Austrian partners. In this project you will reconstruct the comparative phylogeography of alpine willow species in the European Alpine System, analyze putative hybrid zones of diploid vicariant sister species with respect to genetic structure, and study coexistence of selected diploid-polyploid species pairs occurring in the same niche. These factors will be combined to ecological data to analyze the relative contributions of niche properties competition, hybrid formation and/ or polyploidy to geographical range filling.
- You will contribute to collection trips in the European mountains, and you will analyze the samples using RAD sequencing,
- collaborate here in the Department and with international partners
- publish results in high ranked international journals.

### Your profile

- You hold a highly qualified Master or Diploma in Biology, preferentially in Botany, with a good background on plant evolution and diversity.
- have experience with population genetics and bioinformatic analyses of NGS data, preferentially of RAD sequencing data,
- are familiar with the organization of collection trips (EU valid driving licence B is advantageous), and field work in mountain systems,
- are proficient in scientific English and publishing,
- are interested to work within a team and collaborate with international partners.

This post is designed to serve in fostering young researchers and scientists and give the successful applicant the opportunity to pursue a doctoral degree in the framework of the GAUSS doctorate school at the University of Göttingen. Our PhD program offers a comprehensive mentoring program, specific methodical courses, research visits in partner labs, opportunities for conference presentations, gaining teaching experience, and further support for career development.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The university has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The mission of the University is to employ a greater number of severely disabled persons. Applications from severely disabled persons with equivalent qualifications will be given preference.

Please send your application with the usual documents (in electronic form only) by 15<sup>th</sup> March 2020 to **Prof. Elvira Hörandl** (e-mail: [elvira.hoerandl@biologie.uni-goettingen.de](mailto:elvira.hoerandl@biologie.uni-goettingen.de)), **Abteilung für Systematik, Biodiversität und Evolution der Pflanze, Untere Karspüle 2, 37073 Göttingen.**

If you have any questions, please contact Prof. Elvira Hörandl  
e-mail: [elvira.hoerandl@biologie.uni-goettingen.de](mailto:elvira.hoerandl@biologie.uni-goettingen.de)



### Please note:

With submission of your application, you accept the processing of your applicant data in terms of data-protection law. Further information on the legal basis and data usage is provided in the Hinweisblatt zur Datenschutzgrundverordnung (DSGVO) <https://www.uni-goettingen.de/hinweisdsgeo>