EBERHARD KARLS UNIVERSITÄT TÜBINGEN

Institute of Evolution & Ecology

The Plant Evolutionary Ecology group and the Comparative Zoology group at the University of Tübingen in Germany invite applications for two

PhD positions in Evolutionary Ecology and Ecological Genomics

In the project **HerbAdapt**, the PhD student (m/f/d) will investigate phenotypic variation and local adaptation of understorey plants in relation to forest management. Common-garden experiments and a large transplant experiment are core to this project. The student will be supervised by Niek Scheepens (Plant Evolutionary Ecology) and Pieter De Frenne (Ghent University, Belgium).

In the project **ForGenDiv**, the PhD student (m/f/d) will sequence material of 20 plant and arthropod species from the forest understorey and link these data to forest management. The student will be responsible for sampling all material as well as for molecular lab work and statistical analyses. This project will be supervised by Henri Thomassen (Comparative Zoology) and Oliver Bossdorf (Plant Evolutionary Ecology).

The two projects will collaborate during sampling as well as through joint data analysis. Both projects are part of the Biodiversity Exploratories, one of the largest ecology projects in the world, which will allow the students to interact with many other ecological researchers.

The successful applicants will be based in Tübingen. The field work will take place across Germany in the Schwäbische Alb, Hainich-Dün and Schorfheide-Chorin regions. The University of Tübingen is one of the oldest universities in Germany, and Tübingen is a beautiful university town with a high quality of life. The Plant Evolutionary Ecology group and the Comparative Zoology group study the ecology, evolution and genomics of plants and animals in changing environments.

We are looking for students with strong interests in ecology and evolutionary biology. The successful candidates should have a MSc in biology (or equivalent), solid statistical skills (preferably in R), a good command of English, and a driving license (German or otherwise). Experience with plant ecological experiments is a plus for HerbAdapt, while training in sequence data analysis is a plus for ForGenDiv.

Both positions are funded for 3 years (pending final confirmation by the DFG). Salary is at the scale 13 TV-L (65%). Starting date is 1 March 2020.

The University of Tübingen aims at increasing the share of women in research and teaching and therefore particularly encourages women to apply.

Disabled candidates will be given preference over other equally qualified applicants.

If you wish to apply, please send your CV, along with a letter of motivation and the contact details of two references as a single PDF to niek.scheepens@biologie.uni-tuebingen.de (HerbAdapt) or henri.thomassen@uni-tuebingen.de (ForGenDiv). Deadline for applications is 31 October 2019. For questions, please use the same email addresses as above.