

A **Position for a Scientific Assistant** is available for one year in the research group of apl. Prof. Dr. Heike Pröhl Stiftung Tierärztliche Hochschule Hannover (TiHo, [shorturl.at/btT28](http://shorturl.at/btT28)) in Hannover, Germany, for the project:

## Conservation Genomics of Yellow-bellied toads (*Bombina variegata*)

Our working group is interested in the evolutionary biology, genetics and conservation of amphibians with emphasis on the study of native European frogs and Neotropical poison frogs. In our previous studies, we found that populations of yellow-bellied toads are small and isolated, genetically structured as well as genetically depleted. However, the species distribution covers western to southeastern Europe with different climatic and environmental conditions, in anthropogenic as well as natural habitats. The aim of this project is to discover local adaptation at the genomic level and based on the results develop suitable conservations measures together with species protection organizations.

The project is a collaboration between the Laboratoire de Biométrie et Biologie Evolutive, Université Lyon, the NABU and the TiHo. Work will involve laboratory sample processing, and bioinformatics with sequencing data, analyzing the effects of genetic depletion and inbreeding on fitness as well as supporting conservation measures for the yellow-bellied toad in Germany and France.

Candidates should have a Master's degree (or equivalent) in Biology with a specialization in e.g. herpetology, evolutionary genetics/genomics and/or computational biology. Experience in sequencing methods and bioinformatics, captive breeding and fieldwork with amphibians are desirable. Fluency in German is necessary, English and French are pluses. The ideal candidate has a strong research motivation and the ability to work independently as well as in a team.

The position is funded for one year and the salary will be paid in accordance with the German Tarifvertrag des öffentlichen Dienstes (TVöD Bund), salary group 13 (50%). When successful, there is the possibility of extending the project for another 3 years to complete a full doctoral thesis.

The TiHo is committed to create a solid basis for equal opportunities for its members in all areas and encourages applications from all qualified individuals with independence of their gender, ancestry, language, country of origin, faith, religious or political views. The starting date is negotiable, ideally October 2023. Review of applications will begin on September 11, 2023 until the position is filled.

**Your application:** To apply please send (1) a letter of motivation, (2) your CV with publication list, and (3) the contact details of at least two referees to Prof. Dr. Heike Pröhl ([heike.proehl@tiho-hannover.de](mailto:heike.proehl@tiho-hannover.de)).