

PhD position, 75% TV-L E13
LMU Munich, Faculty of Biology, Zoology
Starting date: 1 September 2023
End of application: 10 June 2023

Doctoral position (f/m/x) – Reconstruction of the evolutionary history of tadpole shrimps (Notostraca) and their relatives, important components of ephemeral freshwater habitats

We are seeking a highly motivated PhD student to take part in the investigation of tadpole shrimps, including extant and fossil representatives. The project is funded by the German Research Foundation (DFG).

The project aims at using high-resolution imaging for a wide array of fossil and extant tadpole shrimps and their closer relatives. Based on these data, the project will establish a morphometric framework for reconstructing the evolutionary history of the group Notostraca. These findings will provide deeper insights into the presumed long-term stability of the specific habitat of ephemeral ponds, which seems to have played an important role for the last 365 million years.

Specimens will be provided via scientific collections as well as by breeding in the lab, fieldwork is not considered. Techniques to be applied are various imaging methods (digital microscopy, super-macro-photography, μ CT-scanning and other up-to-date methods).

The prospective PhD student does not necessarily need to have experience with the imaging methods or specific systematic groups, but is expected to gain expertise early in the course of the project. The project includes a distinct amount of traveling to collections in Germany and abroad. The results of the project are expected to be presented regularly at national and international conferences by the prospective PhD student as well as published in peer-reviewed journals.

We are especially seeking for a good team worker being able to cooperate closely with people in the workgroup and national and international colleagues of a wide network.

The successful candidate will be based in the workgroup of Systematic Zoology at the campus Martinsried (part of municipality Planegg) south-west of Munich, in close proximity to Munich. Child care facilities as well as schools are nearby.

We offer: DFG-funded PhD position (75%) for 36 months; interdisciplinary research project and working environment; modern imaging equipment (macro- and microscopic)

We expect: MSc (or equivalent) in Biology or Palaeobiology; good English communication skills (oral and written); ability to work in teams; high motivation; keen interest in zoological evolutionary questions

The position is limited to 36 months with a presumed starting date of September 01, 2023.

Applications of women are strongly encouraged. We actively promote gender equality. Severely challenged persons will be given preference in case of otherwise equal qualifications.

Please send your application to chaug@bio.lmu.de until June 10, 2023. The application should include CV, transcript of records, letter of motivation and the names and contact details of two potential referees.

For further information contact:

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