

Stelle: Doctoral position (PhD), DFG, 75%

Einrichtung: Faculty of Biology, Zoology, Functional Morphology of Animals

Besetzungsdatum: 01. November 2017

Ende der Bewerbungsfrist: 01. September 2017

Doctoral position – Palaeo-Evo-Devo of malacostracan crustaceans

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

The project is based on an interdisciplinary approach, in which developmental data of extant and fossil species are incorporated into an evolutionary framework, shortly referred to as palaeo-evo-devo. The major data base is provided by morphological investigations of extant and fossil specimens with modern imaging methods. Data are interpreted in a strict phylogenetic framework.

Focus groups of research are isopods and meioran decapods. Both groups exhibit a large diversity of morphology and developmental patterns and have a rich fossil record. Specimens will be provided via scientific collections, fieldwork is not considered.

The prospective PhD student does not necessarily need to have experience with the imaging methods or systematic groups mentioned above, 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.

The successful candidate will be based in the work group of Functional Morphology of Animals at the campus Martinsried 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 November 01, 2017.

Applications of women are strongly encouraged. Severely challenged persons will be given preference in case of otherwise equal qualifications.

Please send your application to jhaug@bio.lmu.de before September 01, 2017. The application should include CV, transcript of records, letter of motivation and the names and contact details of potential referees.

For further information contact:

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