

Zhehao Hu

Graduate Student in Biology

☎ (+49)152-5322-4676 ✉ hu_zhehao@hotmail.com 🌐 zzzhehao 🌐 huzhehao 🌐 zzzhehao.github.io
🆔 0009-0006-2408-1513

Education

- 2023 - present **M.Sc. in Biology**
Thesis: Effects of adult mobility on biogeography in two deep-sea isopods families (Munnopsidae, Haploniscidae) in the North Atlantic, including the description of new species
- 2020 - 2024 **B.Sc. in Biology**
Thesis: Various *Wolbachia* communities in the female-biased flea beetle *Altica lythri* (Coleoptera: Chrysomelidae)

Professional Appointments

- 2025 - Present **Student Assistant**
German Centre for Marine Biodiversity Research, Senckenberg Nature Research, Hamburg, Germany
- 2023 **Laboratory Technician**
Eurofins BioTesting Service Nord GmbH, Hamburg, Germany
- 2022 - 2025 **Student Assistant**
University of Hamburg, Animal Physiology / Neurophysiology / Molecular Evolutionary Biology

Teaching Experience

Invited seminar

- 2026 A trip to the end of the world (University of Hamburg)
- 2025 Isopoda from the South Sandwich Islands (University of Magallanes, Chile)
- 2024 Integrative taxonomy of the north atlantic *Acanthocope* (University of Hamburg)

Course taught as teaching assistant

- 2026 Marine deep-sea benthic biodiversity (University of Hamburg)
- 2022 - 2023 Animal physiology (University of Hamburg)
- 2023 Molecular evolution (University of Hamburg)

Conferences

- 2025 **Integrative Taxonomy and Biogeography of the genus *Acanthocope* Beddard, 1885 with the description of a new species** Talk
The Crustacean Society Summer Meeting 2025, Paris, France
26th Annual Meeting of the Society of Biological Systematics (GfBS), Hamburg, Germany
- 2023 **Detecting *Wolbachia* Infection With Real-time PCR in Female-biased Flea Beetle *Altica lythri*** Poster
115th Annual Conference of the German Zoological Society (DZG), Kassel, Germany

Workshops

- 2026 **Ocean Census Species Discovery Workshop: Isopoda**, 2 weeks, Wilhelmshaven, Germany
- 2025 **Confusing Crustacean: Peracarida**, 2 weeks, Wilhelmshaven, Germany
- 2025 **Ocean Census Species Discovery Workshop: SSI**, 3 weeks, Punta Arenas, Chile

Expeditions

2025 R/V Falkor (too), FKt250220, **South Sandwich Islands**, ROV SuBastian, 37 days

Society Membership

Since 2024 Ocean Census Science Network

Since 2025 Deep Sea Biology Society

Languages

Chinese (mandarin), German, English, Japanese

Open Source Projects

-  [zzzhehao/HPLNC_utils](#)  R package for DNA Barcoding, MALDI-TOF proteomics analysis, R-based GIS, and consensus clustering.
-  [zzzhehao/youtubeURL](#)  Shinyapp for generating links of divestream archive to given time or sample ID.  [Fantastic divestream and where to find them](#)
-  [zzzhehao/sealogsearch](#)  Shinyapp for searching event logs from Schmidt Ocean Institut's ROV dive sealog system with link to divestream archive.
-  [zzzhehao/wsp-qpcr](#)  Analysis and visualization of Real-time PCR result.

References

Prof. Dr. Saskia Brix Supervisor of master thesis	DZMB, Senckenberg	saskia.brix-elsig@senckenberg.de
Dr. Jenny Neuhaus Supervisor of master thesis	DZMB, Senckenberg	jenny.neuhaus@senckenberg.de
Prof. Dr. Susanne Dobler Supervisor of bachelor thesis	University of Hamburg	susanne.dobler@uni-hamburg.de