Zhehao Hu

MSc Biology

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Professional Appointments

2026 - Present **Research Assistant**
Senckenberg am Meer, Senckenberg Nature Research. Hamburg, Germany.

2025 - 2026 **Student Assistant**
Senckenberg am Meer, 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. Hamburg, Germany.

Education

2023 - 2026 **M.Sc. in Biology**
Thesis: The Deep-Sea Dispatch: Effects of adult mobility on species distributions in two families of deep-sea isopods in the North Atlantic.

2020 - 2024 **B.Sc. in Biology**
Thesis: Various *Wolbachia* communities in the female-biased flea beatle *Altica lythri* (Coleoptera: Chrysomelidae)

Publications

*: corresponding author

2. **Hu Z***, Neuhaus J, Pereira E, Rossel S, Brix S (*in prep*) Biogeography of North Atlantic *Acanthocope* Beddard, 1885 (Isopoda: Munnopsidae). Organisms Diversity & Evolution.
1. Senckenberg Ocean Species Alliance (SOSA)*, Allspach A, Bergmeier FS, Bird GJ, Błazewicz M, Bowser SS, Brandão SN, Breitenbach K, Brix S, Calderón López S, Chernyshev AV, Cobo MC, Dahlgren TG, Drennan R, Enderlein P, Fedosov A, Fuhrich M, Gellert M, George KH, Glover AG, Głuchowska K, González-Ortiz L, Gooday AJ, Griffiths CL, Gupta A, Hernández-Alcántara, Hillmer G, Hintzenstern K, Holzmann M, **Hu Z**, Jakiel A, Janussen D, Jörger KM, Jóźwiak P, Kaiser S, Kameshkov, Kantor YI, Kelch A, Klüh D, Knauber H, Kröner X, Landschoff J, Lasut MT, Linse K, Ljungberg M, Löwenstein A, Mackenzie M, Martha SO, Mielczarek J, Mordukhovich VV, Nakadera Y, Neal L, Ng PKL, Nizar NM, Paulay G, Pawlowski J, Pereira E, Philipps-Bussau K, Richter A, Riehl T, Rodríguez-Villanueva V, Scholz J, Semenchenkoa AA, Da Silva DKF, Steger J, Stępień A, Stimpfle J, Trautwein B, Ulrich L, Wägele JW, Warouw V, Wiklund H, Alvarez Zarikian CA, Zograf J (under review) Ocean Species Discoveries 31–63 — Thirty-three new marine taxa honouring Angelika Brandt's legacy in invertebrate taxonomy. Biodiversity Data Journal.

Conferences

*: prensenter

2. (Talk) **Hu Z***, Neuhaus J, Pereira E, Rossel S, Brix S: Integrative Taxonomy and Biogeography of the genus *Acanthocope* Beddard, 1885 with the description of a new species. *The Crustacean Society Summer Meeting 2025, Paris, France & 26th Annual Meeting of the Society of Biological Systematics (GfBS), Hamburg, Germany*
1. (Talk) **Hu Z***, Neuhaus J, Pereira E, Rossel S, Brix S: The Deep-Sea Dispatch: Effects of adult mobility on species distributions in two families of deep-sea isopods in the North Atlantic. *22. Crustaceologen Tagung, Vienna, Austria & The Crustacean Society Mid-Year Meeting 2026, Stellenbosch, South Africa*

Workshops

*: Member of the organizing team.

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

Expedition

2026 *FS Maria S. Merian*, ALONGate 3 (Iceland), MSM145, ***ROV, Benthos, Social media***, 21 days
2025 *R/V Falkor (too)*, South Sandwich Islands, FKt250220, ***ROV***, 37 days

Teaching Experience

Teaching Assistant / Tutor

2026 Marine deep-sea benthic biodiversity (University of Hamburg, 1 class)
2023 Molecular evolution (University of Hamburg, 1 class)
2022 - 2023 Animal physiology (University of Hamburg, 24 classes)

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)

Society Membership

Since 2024 Ocean Census Science Network
Since 2025 Deep Sea Biology Society
Since 2026 The Crustacean Society
Since 2026 Gesellschaft für Biologische Systematik

Language

Chinese (native), **German** (working proficiency), **English** (working proficiency), **Japanese** (working proficiency), Spanish (elementary)

Portfolio

rworms — R package of taxonomist-friendly functions for retrieving taxonomy and occurrence data from the World Register of Marine Species (WoRMS).

References

Prof. Dr. Saskia Brix	DZMB, Senckenberg	saskia.brix-elsig@senckenberg.de
Dr. Jenny Neuhaus	DZMB, Senckenberg	jenny.neuhaus@senckenberg.de
Dr. Emanuel Pereira	UBA, CONICET	emanuelp@bg.fcen.uba.ar