

LARA MALEEN BECKMANN

Tjärnö Marine Laboratory
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EDUCATION

- 09/2022 - Ph.D. University of Gothenburg, Tjärnö Marine Laboratory (Sweden)
Cold-water coral and sponge ecology, with a focus on Alaskan deep ecosystems
Supervisors: Dr. Rhian G. Waller and Dr. Ricardo T. Pereyra
- 2019 - 2021 M.Sc. Biodiversity and Systematics, University of Stockholm (Sweden)
Integrative Taxonomy resolves challenging morphological variation and gives insight into the diversity of Hydractiniidae (Hydrozoa: Cnidaria) in Norway
Supervisors: Dr. Luis Martell and Prof. Dr. Aino Hosia
- 2016 - 2018 B.Sc. Biology, University of Bielefeld (Germany)
Effects of temperature and hypoxia on the fitness of a benthic marine ostracod, Skogsbergia lernerii
Supervisors: Prof. Dr. Joseph Hoffmann and Dr. Rachel Collin

EMPLOYMENTS

- 03/2022 - 08/2022 Marine Invertebrate Taxonomist, Rådgivende Biologer (Bergen, Norway)
09/2021 - 03/2022 Museum Collection Technician, University of Bergen (Norway)

PUBLICATIONS

Beckmann L.M., Soto-Ángel J.J., Hosia A., Martell L. (submitted). A combination of DNA barcoding, morphology and ecological information reveals *Lafoeina tenuis* (Hydrozoa: Campanulinidae) as the polyp stage of the two hydromedusan species *Halopsis ocellata* and *Mitrocomella polydiademata* (Hydrozoa: Mitrocomidae).

Hoffman J. I., Bauer E., Paijmans A. J., Humble E., **Beckmann L. M.**, et al. (2018). A global cline in a colour polymorphism suggests a limited contribution of gene flow towards the recovery of a heavily exploited marine mammal. Royal Society Open Science, 5(10), <http://doi.org/10.1098/rsos.181227>

COMPETITIVE GRANTS & AWARDS

- 2022 Smithsonian Research Institute - Course Fellowship (1000€)
2015 - 2021 German Scholarship Foundation - Studies, courses, and travel (total ~50 000€)
2020 ForBio Annual Meeting - Best Poster Award (200 €)

CONFERENCES & WORKSHOPS

- 2022 Smithsonian Tropical Research Institute, Bocas del Toro, Panama. Workshop: "Systematics & Biology of Medusozoa and Ctenophora"

- 2022 ForBio and University Museum of Bergen. Workshop organization and 2 oral presentations: "Diversity, Systematics and Biology of Hydrozoa"
- 2021 ASLOA Aquatic Science Conference. Oral presentation: "Linking pelagic and benthic ecosystems: an integrative approach to identify hydrozoan diversity."
- 2020 ForBio Annual Conference. Oral presentation and poster: "Insights into the diversity of Hydractiniidae (Cnidaria: Hydrozoa) in Norway"
- 2018 STRI Research Station Bocas del Toro. Oral presentation. "Out of Breath: Effect of low oxygen levels on development and reproduction in a marine ostracod."

TEACHING EXPERIENCE

- 11/2022 Teaching Assistant - BIO217 Evolutionary Biology, 5 ECTS, 20 students (BSc)
- 08/2022 Lecturer - BIO325 Ocean Science. University of Bergen. 1 day, 30 students (MSc)
- 04/2022 Lecturer - ForBio and NorHydro course "Diversity, Systematics and Biology of Hydrozoa". 3 ECTS, 25 students (MSc, PhD)
- Spring 2018 Teaching Assistant - 20BM3 Introduction to Biology Theory and Practice II. University of Bielefeld. 10 ECTS, 10 students (BSc)

RESEARCH EXPERIENCE

- 08/2022 Darwin Tree of Life - Assistant taxonomist for specimen identification for Hydrozoa. Marine Biological Association, Plymouth (UK)
- 12/2021 Vent & Seep Biota - Assistant taxonomist for specimen identification for Hydrozoa. Espegrend Marine Station, University of Bergen (Norway)
- 2020 - 2022 NorHydro Norwegian Marine Benthic Hydrozoa - Research Assistant. Department of Natural History, Bergen University (Norway)
- 09/2019 - 05/2021 Laboratory Technician. Population Genetics, Department of Zoology, Stockholm University (Sweden)
- 03/2018 - 08/2019 Research Assistant. Theoretical Biology, University of Bielefeld (Germany)
- 03/2018 - 08/2019 Laboratory Technician. Alfred-Wegener-Institute, Bremerhaven (Germany)
- 2019 Research Internship. Smithsonian Tropical Institute, Bocas del Toro (Panama)
- 03/2017 Research Internship. Senckenberg Institute, Wilhelmshaven (Germany)
- 2018 - 2019 Laboratory Technician and Research Assistant. Animal Behavior and Molecular Ecology, Bielefeld University (Germany)

OUTREACH

- 01/2023 Species sheets for the hydrozoan family Hydractiniidae (artsdatabanken.no/arter-pa-nett)
- 04/2022 Kunnskapsfestival OPPLEV Marineholmen Bergen (>3000 visitors, marine science activities)
- 2020-2022 Author and illustrator for the blog <https://ecologyforthemasses.com/> (7 articles)
- 2020-2022 Author for the UiB invertebrates blog <https://invertebrate.w.uib.no/> (2 articles)
- June 2021 Author for The Niche, British Ecological Society (1 article)

SKILLS

Programming:

R, Python, Bash, MySQL, HTML

Applications:

Adobe Illustrator and Photoshop, GIS, ImageJ, various molecular sequence analysis programs (e.g., Geneious, BioEdit, ChromasPro, DnaSP6, BEAST)

Laboratory:

- Molecular methods: i.e., Tissue and DNA extractions, PCR, sequencing, sterile work
- Morphological methods: i.e., microscopy, photography, histology, morphometrics
- Rearing and culture of various marine invertebrates (incl. cnidaria, echinoderms, crustaceans)

Field Work:

- Assistant or lead on >10 one-day sampling trips (UiB and Rådgivende Biologer 2020-2022)
- Assistant on 3 longer research cruises (Senckenberg Institute, 4 weeks annually in 2017-2020)
- Sampling of benthic and pelagic invertebrates (Van Veen grab, beam trawl, dredge, plankton nets)
- Field-trip organization for coastal and off-shore sampling (RVs, boats, snorkeling)
- Certified diver (PADI Advanced Open Water)

Languages:

German (Native Language), English (C2 Professional, Cambridge English Proficiency), Norwegian (B1), Swedish (B1)

REFERENCES

Dr. Luis Martell

Researcher, University Museum of Bergen (Norway), Department of Natural History
Master thesis supervisor and coworker
luis.martell@uib.no

Dr. Rhian Waller

Senior Lecturer, University of Gothenburg (Sweden), Faculty of Science, Department of Marine Science
PhD supervisor
rhian.waller@gu.se