

Moritz D. Lürig | PhD student

Eawag: Aquatic Ecology / Eco-Evolutionary Dynamics
 ETH Zürich: Center for Adaptation to a Changing Environment

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EDUCATION

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| Since 2015 | PhD student with Blake Matthews and Jukka Jokela at Eawag (Swiss Federal Institute of Aquatic Science and Technology) and at ETH Zürich's ACE center (Adaptation to a Changing Environment) |
| 2015 | MSc in Marine Environmental Science, University of Oldenburg and UC Davis. Advisors: Jay Stachowicz and Helmut Hillebrand
Thesis: <i>Microhabitat partitioning by seagrass mesograzers - effects of predation, trait variation and species interactions.</i> (published) |
| 2010 | BSc in Environmental Science, University of Oldenburg. Advisor: Andreas Kunzmann
Thesis: <i>Effects of elevated temperature and CO² concentration on photosynthesis, respiration and calcification of the scleractinian coral Stylophora pistillata.</i> (published) |

PUBLICATIONS AND PRESENTATIONS

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| 2016 | Lürig, M.D. , Best, R.J., Svitok, M., Jokela, J., Matthews, B. - Adaptive population divergence in <i>Asellus aquaticus</i> ? (POSTER) Biology17 Conference, Bern |
| 2015 | Lürig, M.D. , Best, R.J., Stachowicz, J.J. - Microhabitat partitioning in seagrass mesograzers is driven by consistent species choices across multiple predator and competitor contexts. <i>Oikos</i> . DOI: 10.1111/oik.02932 |
| 2015 | Lürig, M.D. , Kunzmann A. - Effects of short term aragonite undersaturation and elevated temperature on the physiology of <i>Stylophora pistillata</i> . <i>Journal of Sea Research</i> , 99, 26–33. |
| 2013 | Lürig, M.D. , Best, R.J., Stachowicz, J.J. - Microhabitat selection by seagrass mesograzers: effects of predation, trait variation and species interactions. (PRESENTATION) Western Society of Naturalists Annual Meeting. Oxnard, CA |

AWARDS AND GRANTS

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| 2016 | Poster Award for 'Adaptive population divergence in <i>Asellus aquaticus</i> ?' (Eawag Center for Ecology, Evolution and Biogeochemistry) |
| 2015 | 3 year PhD Fellowship of the Center for Adaptation to a Changing Environment (ETH / Institute of Integrative Biology) |
| 2014 | Mobility Scholarship of the Department of Mathematics and Science (University of Oldenburg) |
| 2013 | Master Mobility Scholarship 'PROMOS' (German Academic Exchange Service / University of Oldenburg) |

TEACHING AND MENTORING

2017	Mentoring the Bachelor-level course "Fundamental questions in ecology and evolution (ETH Zürich 701-0702-00L).
2013	Undergraduate co-mentor to Elena Huynh: Effects of epiphyte-cover on the microhabitat preference of <i>C. californica</i> (at BML)
2011	Instructor for 'Practical Applications in Aquaculture' ("ISATEC" masters program, Uni. Bremen)
2010	Co-Instructor for 'Scientific Diving' (Uni. Oldenburg, 5.12.230/1)
2007-2010	Teaching Assistant for field classes 'Introduction to the German Coastal Zone' and 'Geomorphology of the northwestern German Coastal Zone' (Uni. Oldenburg, 5.12.021/111)
2007	Student-body tutor for 'Basic and Inorganic Chemistry' (Uni. Oldenburg, 5.07.701)

STUDENT ASSISTANCE

2013/2014	Bodega Marine Laboratory (BML), UC Davis - Student assistant with Jay Stachowicz for the <i>Zostera</i> Experimental Network (ZEN).
2014	Eawag - Research technician for Blake Matthews, assistance in mesocosm experiments.
2009-2012	Leibniz Center for Tropical Marine Ecology (ZMT) - Research technician for Andreas Kunzmann, work in New Zealand (Leigh Marine Lab) and Israel (Interuniversity Institute Eilat).
2010	Alfred Wegener Institute for Polar and Marine Research (AWI) - Research technician for Gereon Budèus on RV "Polarstern" in the Arctic Ocean.

OTHER PROFESSIONAL ACTIVITIES

- Review of manuscripts for Zoology and Marine Biology
- Participant at following workshops: Quantitative Genetics of Shape (Sabadell, Spain 2016), Workshop in Evolutionary Biology (Guarda, Switzerland 2015), Winter School in Bioinformatics for Adaptation Genomics (Weggis, Switzerland 2015), Linking Community and Ecosystem Dynamics (Schiermonnikoog, Netherlands 2015)
- Scientific diver (equivalent to PADI *** / NAUI Dive Instructor), certified by the Examination board for scientific divers within the statutory accident insurance, with approx. 120 scientific dives and 60 hrs underwater
- Member of the European Society for Evolutionary Biology (ESEB), the British Ecological Society (BES) and the Western Society of Naturalists (WSN)