

# Max Lindmark

Swedish University of Agricultural Sciences • Department of Aquatic Resources • Skolgatan 6 • 742 42 Öregrund, Sweden • +46(0)722107266 • max.lindmark@slu.se • maxo.lindmark@gmail.com • [maxlindmark.netlify.com](https://maxlindmark.netlify.com) • <https://github.com/maxlindmark> • [https://twitter.com/max\\_lindmark](https://twitter.com/max_lindmark)

Education	2016–present	<b>Swedish University of Agricultural Sciences</b> , Department of Aquatic Resources (SLU Aqua), PhD Student, Supervisors: Anna Gårdmark, Jan Ohlberger (co-supervisor), Magnus Huss (co-supervisor)
	2014–2015	<b>University of Aberdeen</b> , MRes Applied Marine and Fisheries Ecology (Distinction). Degree project: <i>Predicting spatial distribution of fish stocks by updating informative survey-based priors with commercial data in a Bayesian framework</i>
	2011–2014	<b>University of Gothenburg</b> , BSc Biology (2:1 equivalent). Majority of courses completed with pass with special distinction
Publications	2.	<b>Lindmark, M.</b> , Ohlberger, J., Huss, M. and Gårdmark, A., 2019. Size-based ecological interactions determine effects of warming on food web stability. ( <i>Ecology Letters</i> , in press)
	1.	<b>Lindmark, M.</b> , Huss, M., Ohlberger, J. and Gårdmark, A., 2018. Temperature-dependent body size effects determine population responses to climate warming. <i>Ecology letters</i> , 21(2), pp.181–189
In prep		Huss, M., <b>Lindmark, M.</b> , Jacobson, P., van Dorst, R., Gårdmark, A., 2019. Experimental evidence of gradual size-specific shifts in body growth of fish in response to warming. (In review, <i>Global Change Biology</i> )
Non-refereed publications	2016–2020 (Annual contrib.)	<b>Fish and shellfish stocks in the sea and inland waters (Fisk- och skaldjursbestånd i hav och sötvatten – Resursöversikt)</b> Annual contribution to (popular) assessment and biological advice on the status of fish populations in Swedish waters (turbot, common dab, brill)
Honors and awards	2018	<b>Knut and Alice Wallenbergs foundation</b> (Travel grant) (24 000 SEK)
	2016	<b>SLU funds for internationalization of graduate education</b> (Travel grant) (28 000 SEK)

	2015	<b>Lindsay Laird Prize</b> , In recognition of all round performance in the Applied Marine and Fisheries Ecology program throughout the year. Awarded jointly with another student.
	2014	<b>Fishmongers' Award</b> , Scholarship recipient, full fees payment (£3400) awarded to 1 MRes/MSc student on academic merit by the Fishmongers' Company
	2014	Stipend from <b>Gothenburg Biological Society</b> for well accomplished bachelor's thesis: By-catch in pelagic fisheries: A study on by-catch in Swedish herring fisheries on the west coast in the winter of 2013/2014
	2010	Stipend awarded for academic achievement (top 10% of science students in class): Stiftelsen Hvitfeldtska gymnasiets samfond
Research visits	2017 Mar–Jun	<b>School of Aquatic and Fishery Sciences (SAFS), University of Washington (UW)</b> . Attended course Mathematical Ecology (prof. Mark Kot) and collaborated with Jan Ohlberger (PhD advisor)
Teaching	2018	Teaching assistant, <b>Ecology for fish management and conservation</b> (wrote R lab <i>Population dynamics and harvesting</i> , lecture on <i>Fish morphology, physiology, and energetics</i> , exam questions and marking)
	2018	Teaching assistant, <b>Principles in Fisheries Science</b> (wrote R lab <i>Impacts of fishing in an ecological context</i> )
	2018	<b>LunchR</b> A department wide R course in data wrangling and plotting (4x1 hour). Solely initiated and organized together with student colleague Philip Jacobson
	2017	Teaching assistant, <b>Ecology for fish management and conservation</b> (supervising case study, providing R-code for computer lab on stage-structured biomass dynamics under harvesting)
	2016	Teaching assistant, <b>Ecology for fish management and conservation</b>
Supervision	2019	<b>Malin Karlsson (Master's degree project)</b> The effect of temperature on life history traits of perch ( <i>Perca fluviatilis</i> ) in a large scale natural climate change experiment and its implications for population age- and size structure? Main Supervisor (co-supervised Anna Gårdmark)
	2016	<b>Mattias Grunander (Master's degree project)</b> Effects of global warming on Eurasian perch ( <i>Perca fluviatilis</i> ) in the Baltic Sea. – Does the growth response to increased

		temperatures differ along a latitudinal gradient? Co-supervised with Anna Gårdmark
Conferences	2019 (Feb)	<b>Swedish Oikos Meeting, Uppsala (Talk)</b> Physiological constraints to growing large in warm waters?
	2018 (Apr)	<b>Models in Population Dynamics, Ecology, and Evolution (MPDEE'18), Leicester (Talk)</b> Species interactions determine effects of warming on stability in a stage-structured food chain
	2018 (Feb)	<b>Nordic Oikos Meeting, Trondheim (Talk)</b> Species interactions determine effects of warming on stability in a stage-structured food chain
	2017 (Feb)	<b>Swedish Oikos Meeting, Lund (Talk)</b> Climate change and size-structured populations. Temperature dependent allometry and ontogenetic asymmetry shape warming responses of size structured populations
Reviewed for:		(4/4 accepted): Oikos, ICES Journal of Marine Science
Workshops	2018 (Oct)	<b>Modelling population dynamics</b> Organized a session on <i>Numerical continuation analysis of a predator-prey model</i>
	2018 (Mar)	<b>LunchR</b> Organized a department wide 4-session long lunch workshop on plotting and data manipulation in R (organized together with Philip Jacobson)
Academic service	2019	<b>PhD Representative</b> Department
	2014– 2015	<b>Class representative Applied Marine and Fisheries Ecology, MRes</b> I represented students' opinions and views on the program in regular meetings with course- and program coordinators at the University of Aberdeen
	2014– 2015	<b>Student Ambassador Applied Marine and Fisheries Ecology I</b> communicated with prospective students, mostly through social media
Outreach	2016– 2020	<b>Co-managing research group's Instagram account @fishinfoodwebs</b>
	2017 (Sep)	<b>SLU 40<sup>th</sup> Anniversary, Uppsala (Poster)</b> Climate change and size-structured populations. Temperature dependent allometry and ontogenetic asymmetry shape warming responses of size structured populations
	2017 (Nov)	<b>Science evenings (high school), Östhammar municipality (Talk)</b> Effects of warming on fishes

	2014 (May)	<b>Gothenburg Biological Society</b> Popular talk at the Gothenburg Museum of Natural History on bycatch in small scale pelagic fisheries on the west coast of Sweden
	2011– 2014	<b>Swedish Society for Nature Conservation</b> I have given public talks (presenting on the topic of toxins in the Baltic herring in 2014) at local festivals ( <i>go: TO SEA and Västerhavsveckan</i> )
	2011– 2014	Arranged seminar (4*2 per year) series at the Gothenburg Museum of Natural History with invited speakers, covering all things marine
Other	2018–	Initiator and <b>admin of department wide R-users</b> mailing list. (w. Philip Jacobson)
	2017–	Chairman and co-founder of social activity club at SLU Coastal Laboratory, Öregrund (SLUKarna)