



Kinlan M.G. Jan

PhD Student in Marine Biology

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Education

Stockholm University PhD Studies in Marine Biology MSc in Marine Biology	Stockholm, Sweden <i>September 2021 — Present</i> <i>August 2019 — June 2021</i>
The University of Neuchâtel BSc in Biology	Neuchâtel, Switzerland <i>September 2017 — June 2019</i>

Teaching

Stockholm University Marine ecosystem dynamics, MSc course Marine ecology, BSc course	Stockholm, Sweden <i>2021 — Present</i> <i>2022</i>
The University of Neuchâtel From molecules to cells, BSc course	Neuchâtel, Switzerland <i>2018 — 2019</i>

Commissions of trust

Chair of the PhD council	2023
Vice-chair of the PhD council	2022
Technical assistance with PhD hybrid defenses	2022 — 2023

Award and grant

Elisabeth och Herman Rhodin Memorial Foundation <i>Travel grant</i>	2024
ICES travel funds for early career scientists <i>Travel grant</i>	2024
BalticWaters Scholarship program for early career researchers <i>Competition between forage fish in the open waters of the Baltic Sea</i>	2024
Dryssen Award for best Master's Theses in Marine Sciences <i>Copepod feeding preferences along the Baltic Sea environmental gradients - an assessment of zooplankton interactions using DNA metabarcoding</i>	2021

Experience

Field work	
Fish sampling Herring Larvae Survey in the Stockholm archipelago Sprat Acoustic Survey in the Baltic Sea	<i>2023 — 2024</i> <i>2022 — 2023</i>

Laboratory

DNA Metabarcoding
Library preparation | DNA extraction | PCR | Gel electrophoresis

Zooplankton identification
Microscopy

Publications

Serandour B, Blenckner T, **Jan KMG**, Leroy B, Ramiro-Sánchez B, Campbell E, Winder M. 2024. *Projections of spatial distributions of suitable environmental conditions for key Baltic Sea zooplankton species*. Limnology and Oceanography. doi:10.1002/lno.12705

Jan KMG, Serandour B, Walve J, Winder M. 2024. *Plankton blooms over the annual cycle shape trophic interactions under climate change*. Limnology and Oceanography Letters **9**:3, 209-218. doi: 10.1002/lol2.10385

Novotny A, Serandour B, Kortsch S, Gauzens B, **Jan KMG**, Winder M. 2023. *DNA metabarcoding highlights cyanobacteria as the main source of primary production in a pelagic food web model*. Science advances **9**:17, eadg1096. doi: 10.1126/sciadv.adg1096

Serandour B, **Jan KMG**, Novotny A, Winder M. 2023. *Opportunistic vs selective feeding strategies of zooplankton under changing environmental conditions*. Journal of Plankton Research **45**:2, 389-403. doi: 10.1093/plankt/fbad007

Novotny A, **Jan KMG**, Dierking J, Winder M. 2022. *Niche partitioning between planktivorous fish in the pelagic Baltic Sea assessed by DNA metabarcoding, qPCR and microscopy*. Scientific Reports **12**, 10952. doi: 10.1038/s41598-022-15116-7

Conferences

ICES Annual Science Conference 2024 | Poster **Gateshead, United Kingdom**
Jan KMG, Hentati-Sundberg J, Larson N, Winder M. *Implication of resource competition for forage fish dynamics in the central Baltic Sea*.

Baltic Sea Science Congress 2023 | Talk **Helsinki, Finland**
Jan KMG, Serandour B, Walve J, Winder M. *Species-specific phenological responses to climate pose consequences for trophic coupling*.

ASLO Aquatic Sciences Meeting 2023 | Poster **Palma de Mallorca, Spain**
Jan KMG, Serandour B, Walve J, Winder M. *Species-specific phenological responses to climate pose consequences for higher trophic levels*.

Marine Research Days 2022 | Talk **Stockholm, Sweden**
Jan KMG, Serandour B, Winder M. *Coupling of plankton and small pelagic fish in the Baltic Sea*.

18th International Symposium on Microbial Ecology 2022 | Poster **Lausanne, Switzerland**
Jan KMG, Novotny A, Dierking J, Winder M. *The role of eukaryotic microorganisms for niche partitioning of planktivorous fish*.

***Jan KMG** Copepod feeding preferences along the Baltic Sea environmental gradients - an assessment of zooplankton interactions using DNA metabarcoding.*

Peer review

Limnology and Oceanography Letters
Molecular Ecology