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The ascent migration of *Calanus finmarchicus* from overwintering depths in the FaroeShetland Channel

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#	Paper	IF	Citations
52	Lipids, buoyancy and the seasonal vertical migration of <i>Calanus finmarchicus</i> . <i>Fisheries Oceanography</i> , 1999 , 8, 100-106	2.4	95
51	Seasonal changes in respiration rates of copepodite stage V <i>Calanus finmarchicus</i> (Gunnerus). <i>Fisheries Oceanography</i> , 1999 , 8, 73-83	2.4	48
50	Lipid content of <i>Calanus finmarchicus</i> during overwintering in the Faroe-Shetland Channel. <i>Fisheries Oceanography</i> , 1999 , 8, 61-72	2.4	87
49	A model of the spring migration into the North Sea by <i>Calanus finmarchicus</i> overwintering off the Scottish continental shelf. <i>Fisheries Oceanography</i> , 1999 , 8, 107-125	2.4	17
48	<i>Calanus finmarchicus</i> egg production and food availability in the Faroe-Shetland Channel and northern North Sea: October-March. <i>Fisheries Oceanography</i> , 1999 , 8, 153-162	2.4	49
47	Climate fluctuations and the spring invasion of the North Sea by <i>Calanus finmarchicus</i> . <i>Fisheries Oceanography</i> , 1999 , 8, 163-176	2.4	80
46	Circulation of the eastern North Atlantic and north-west European continental shelf – a hydrodynamic modelling study. <i>Fisheries Oceanography</i> , 1999 , 8, 1-12	2.4	9
45	Field calibration of the Optical Plankton Counter with respect to <i>Calanus finmarchicus</i> . <i>Fisheries Oceanography</i> , 1999 , 8, 13-24	2.4	22
44	Distribution and abundance of overwintering <i>Calanus finmarchicus</i> in the Faroe-Shetland Channel. <i>Fisheries Oceanography</i> , 1999 , 8, 40-60	2.4	46
43	Spatially-explicit individual based modeling of marine populations: A review of the advances in the 1990s. <i>Sarsia</i> , 2001 , 86, 411-421		99
42	Towards a robust concept for modelling zooplankton migration. <i>Sarsia</i> , 2001 , 86, 465-475		11
41	Density-dependent mortality in an oceanic copepod population. <i>Nature</i> , 2001 , 412, 638-41	50.4	175
40	Impact of changing ice cover on pelagic productivity and food web structure in Disko Bay, West Greenland: a dynamic model approach. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003 , 50, 171-187	2.5	58
39	Comparative ecology of over-wintering <i>Calanus finmarchicus</i> in the northern North Atlantic, and implications for life-cycle patterns. <i>ICES Journal of Marine Science</i> , 2004 , 61, 698-708	2.7	90
38	Vertical distribution of diapausing <i>Calanus pacificus</i> (Copepoda) and implications for transport in the California undercurrent. <i>Progress in Oceanography</i> , 2004 , 62, 1-13	3.8	22
37	Seasonal moulting patterns and the generation cycle of <i>Calanus finmarchicus</i> in the NE Norwegian Sea, as inferred from gnathobase structures, and the size of gonads and oil sacs. <i>Marine Biology</i> , 2004 , 146, 119-132	2.5	13
36	Modelling the basin-scale demography of <i>Calanus finmarchicus</i> in the north-east Atlantic. <i>Fisheries Oceanography</i> , 2005 , 14, 333-358	2.4	40

35	An overview of <i>Calanus helgolandicus</i> ecology in European waters. <i>Progress in Oceanography</i> , 2005 , 65, 1-53	3.8	106
34	Seasonal abundance, reproduction and development of four key copepod species on the Faroe shelf. <i>Marine Biology Research</i> , 2006 , 2, 249-259	1	19
33	Application of normalized biomass size spectra to laser optical plankton counter net intercomparisons of zooplankton distributions. <i>Journal of Geophysical Research</i> , 2006 , 111,		40
32	Mechanisms controlling primary and new production in a global ecosystem model [Part I: Validation of the biological simulation. <i>Ocean Science</i> , 2006 , 2, 249-266	4	28
31	Distribution of overwintering <i>Calanus</i> in the North Norwegian Sea. <i>Ocean Science</i> , 2006 , 2, 87-96	4	28
30	How are the vertical migrations of copepods controlled?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006 , 329, 86-100	2.1	19
29	Structure and resilience of overwintering habitats of <i>Calanus finmarchicus</i> in the Eastern Norwegian Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007 , 54, 2702-2715	2.3	34
28	Vertical distribution and mortality of <i>Calanus finmarchicus</i> during overwintering in oceanic waters southwest of Iceland. <i>Marine Biology</i> , 2007 , 150, 1253-1263	2.5	22
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26	Spring production of <i>Calanus finmarchicus</i> at the Iceland-Scotland Ridge. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008 , 55, 471-489	2.5	25
25	Extensive cross-disciplinary analysis of biological and chemical control of <i>Calanus finmarchicus</i> reproduction during an aldehyde forming diatom bloom in mesocosms. <i>Marine Biology</i> , 2011 , 158, 1943-1963	2.5	19
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23	Seasonal variations in vertical migration of glacier lanternfish,. <i>Marine Biology</i> , 2012 , 159, 1673-1683	2.5	24
22	Wax ester composition influences the diapause patterns in the copepod <i>Calanoides acutus</i> . <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012 , 59-60, 93-104	2.3	26
21	Sensitivity of <i>Calanus</i> spp. copepods to environmental changes in the North Sea using life-stage structured models. <i>Progress in Oceanography</i> , 2013 , 111, 24-37	3.8	23
20	<i>Calanus finmarchicus</i> abundance, production and population dynamics in the Barents Sea in a future climate. <i>Progress in Oceanography</i> , 2014 , 125, 26-39	3.8	27
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18	On the surprising lack of differences between two congeneric calanoid copepod species, <i>Calanus finmarchicus</i> and <i>C. helgolandicus</i> . <i>Progress in Oceanography</i> , 2015 , 134, 413-431	3.8	22

17	First-year survival of North East Atlantic mackerel (<i>Scomber scombrus</i>) from 1998 to 2012 appears to be driven by availability of <i>Calanus</i> , a preferred copepod prey. <i>Fisheries Oceanography</i> , 2016 , 25, 457-469	2.4	13
16	Long-term stability in modelled zooplankton influx could uphold major fish spawning grounds on the Norwegian continental shelf. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016 , 73, 189-196	2.4	12
15	Inter-annual variability in spring abundance of adult <i>Calanus finmarchicus</i> from the overwintering population in the southeastern Norwegian Sea. <i>Progress in Oceanography</i> , 2017 , 152, 75-85	3.8	9
14	Coupling survey data with drift model results suggests that local spawning is important for <i>Calanus finmarchicus</i> production in the Barents Sea. <i>Journal of Marine Systems</i> , 2017 , 165, 69-76	2.7	8
13	A high-resolution modeling study on diel and seasonal vertical migrations of high-latitude copepods. <i>Ecological Modelling</i> , 2018 , 368, 357-376	3	16
12	Modeling Emergent Life Histories of Copepods. <i>Frontiers in Ecology and Evolution</i> , 2018 , 6,	3.7	8
11	Spatial distributions and seasonality of four <i>Calanus</i> species in the Northeast Atlantic. <i>Progress in Oceanography</i> , 2020 , 185, 102344	3.8	13
10	Seasonal variations in population dynamics of <i>Calanus finmarchicus</i> in relation to environmental conditions in the southwestern Norwegian Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021 , 171, 103508	2.5	0
9	Overwintering distribution, inflow patterns and sustainability of <i>Calanus finmarchicus</i> in the North Sea. <i>Progress in Oceanography</i> , 2021 , 194, 102567	3.8	3
8	Transport Barriers and the Retention of <i>Calanus finmarchicus</i> on the Lofoten Shelf in Early Spring. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2021JC017408	3.3	2
7	Spatial variation in right whale food, <i>Calanus finmarchicus</i> , in the Bay of Fundy. <i>Endangered Species Research</i> , 2011 , 15, 179-194	2.5	15
6	Long-term acoustical observations of the mesopelagic fish <i>Maurollicus muelleri</i> reveal novel and varied vertical migration patterns. <i>Marine Ecology - Progress Series</i> , 2011 , 441, 241-255	2.6	24
5	Seasonal vertical strategies in a high-Arctic coastal zooplankton community. <i>Marine Ecology - Progress Series</i> , 2016 , 555, 49-64	2.6	21
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3	OUP accepted manuscript. <i>ICES Journal of Marine Science</i> ,	2.7	0
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1	Assessing key influences on the distribution and life-history of Arctic and boreal <i>Calanus</i> : are online databases up to the challenge?. 10,		0