

Laminaria hyperborea

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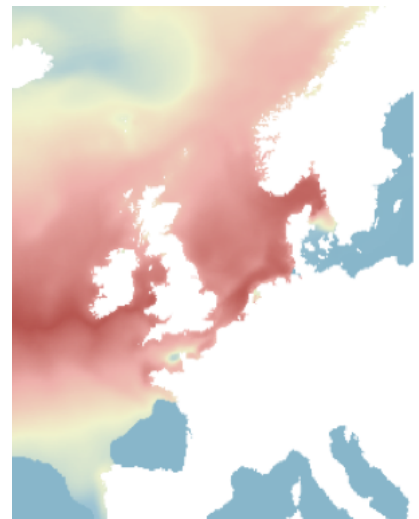


Distribution	North East Atlantic
Habitat	Sheltered & rocky areas
Depth range	Lower - Upper infra littoral, 1-36 m
Use	Alginate production
Cultivation & harvesting	Dredging (Norway)

 [Geographical distribution on OBIS Mapper](#)

 [WoRMS page](#)

Habitat suitability maps for *L. hyperborea*: optimal habitat is colored red and poor habitat is colored blue. From left to right: map created with environmental variables (temperature, heat, salinity, turbidity, irradiance, nitrate), map created with environmental variables, depth and marine spatial planning, map created with impact of climate change on the habitat suitability (2100, RCP 8.5) (Westmeijer et al., 2019)



References & links

Guiry, M.D. (2000-2020). *Laminaria hyperborea* (Gunnerus) Foslie. Retrieved from http://www.seaweed.ie/descriptions/Laminaria_hyperborea.php

Tyler-Walters, H., 2007. *Laminaria hyperborea* Tangle or cuvie. In Tyler-Walters H. And Hiscock K. (eds) *Marine Life Information Network: Biology and Sensitivity Key Information Reviews*, [on-line]. Plymouth: Marine Biological Association of the United Kingdom. [cited 14-09-2020]. Available from: <https://www.marlin.ac.uk/species/detail/1309>

Westmeijer, G., Everaert, G., Pirllet, H., De Clerck, O., & Vandegehuchte, M. B. (2019). Mechanistic niche modelling to identify favorable growth sites of temperate macroalgae. *Algal Research*, 41(May 2018), 101529. <https://doi.org/10.1016/j.algal.2019.101529>

Packages: [R Obis package](#) to explore occurrence data & [sdmpredictor package](#) to create SDM maps