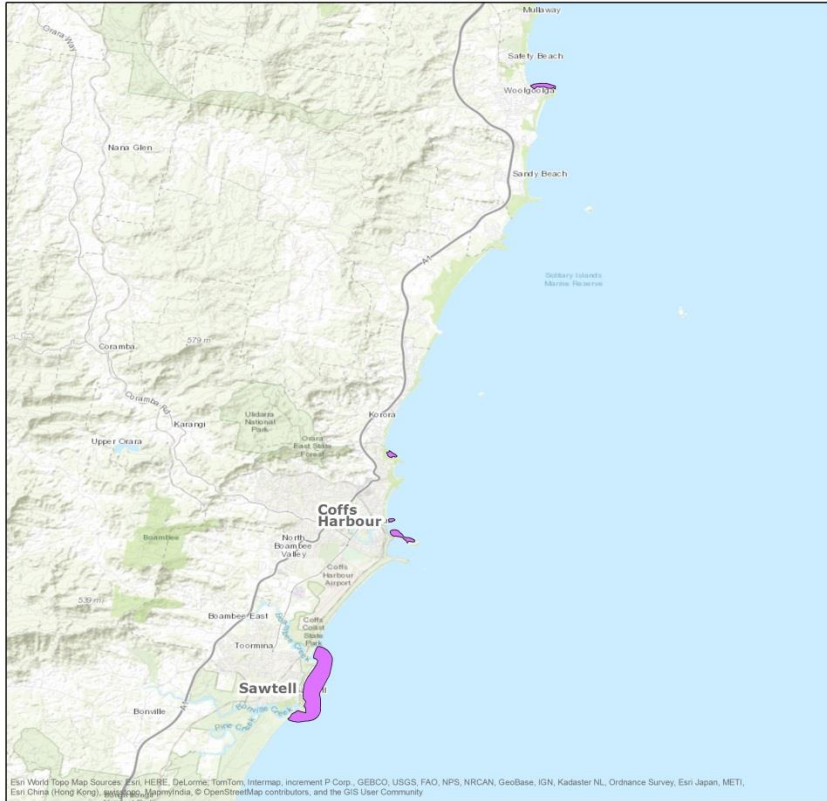


Dataset: Marine Brown Alga Indicative Distribution in NSW



Indicative Distribution in NSW

Marine Brown Alga



(*Nereia lophocladia*)



Indicative Distribution

Distribution based on survey records, and expert opinion, 2019.



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Department of Primary Industries

Dataset/Product

Nereia lophocladia is one of four species in the genus *Nereia*. It is a small species, typically growing to less than 15 cm long, but may grow as large as 30 cm. It has seasonal alternating life history stages, in which it goes through a microscopic stage as well as a macroscopic (visible) stage. The macroscopic (visible) stage is observed only in winter to early summer (typically July to December). The gametophytes, or sexual phase in the life cycle, are microscopic and too small to be observed in the field.

Nereia lophocladia is found on hard substrate at the sand/reef interface on the seabed in about 3 - 12 m depth of water. Knowledge of the species' biology and ecology is only just emerging due to very few sightings prior to 2015.

Although the known range of *Nereia lophocladia* has expanded in recent years, it is still listed as a 'critically endangered' species in NSW under the *Fisheries Management Act 1994*. <https://www.dpi.nsw.gov.au/fishing/threatened-species/what-current/critically/marine-brown-alga>.

Dataset Uses

- The dataset has a number of primary functions including but not limited to;
- spatially representing the status of fish communities at river

NSW Spatial Dataset Profile

	<p>reach scale across NSW</p> <ul style="list-style-type: none"> providing additional support to strategic planning frameworks to ensure they effectively integrate biodiversity considerations into planning and decision making processes
Current Status	The Marine Brown Alga Distribution in NSW dataset was produced in 2018.
Standards & Specifications	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information – Metadata
Access and Licensing	<p>The Marine Brown Alga Distribution in NSW is authored by the Department of Industry, Skills and Regional Development is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.</p> <p>The Department of Industry, Skills and Regional Development asserts the right to be attributed as author of the Murray Crayfish Distribution in NSW in the following manner:</p> <p>© State of New South Wales through Department of Planning, Industry & Environment 2019.</p> <p>Any derived products which are created will be required to clearly mark the date that any extractions from the NSW Industry's Corporate Spatial Databases occurred.</p> <p>All Intellectual Property which is owned by NSW Industry should only be loaded on any external cloud platforms if NSW Industry's Intellectual Property (IP) remains unchanged, maintained and preserved.</p>
Metadata	https://www.dpi.nsw.gov.au/_data/assets/pdf_file/0007/669589/fish-communities-and-threatened-species-distributions-of-nsw.pdf
Updates	As required.
Custodian Agency & Contact	<p>Karen Danaher Fisheries Manager, Spatial Planning Department of Primary industries NSW Trade and Investment</p> <p>Address: 1243 Bruxner Highway, Wollongbar NSW 2477 Ph: 02 6626 1325 Email: karen.danaher@dpi.nsw.gov.au</p>
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NSW Spatial Dataset Profile

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Additional Comments	