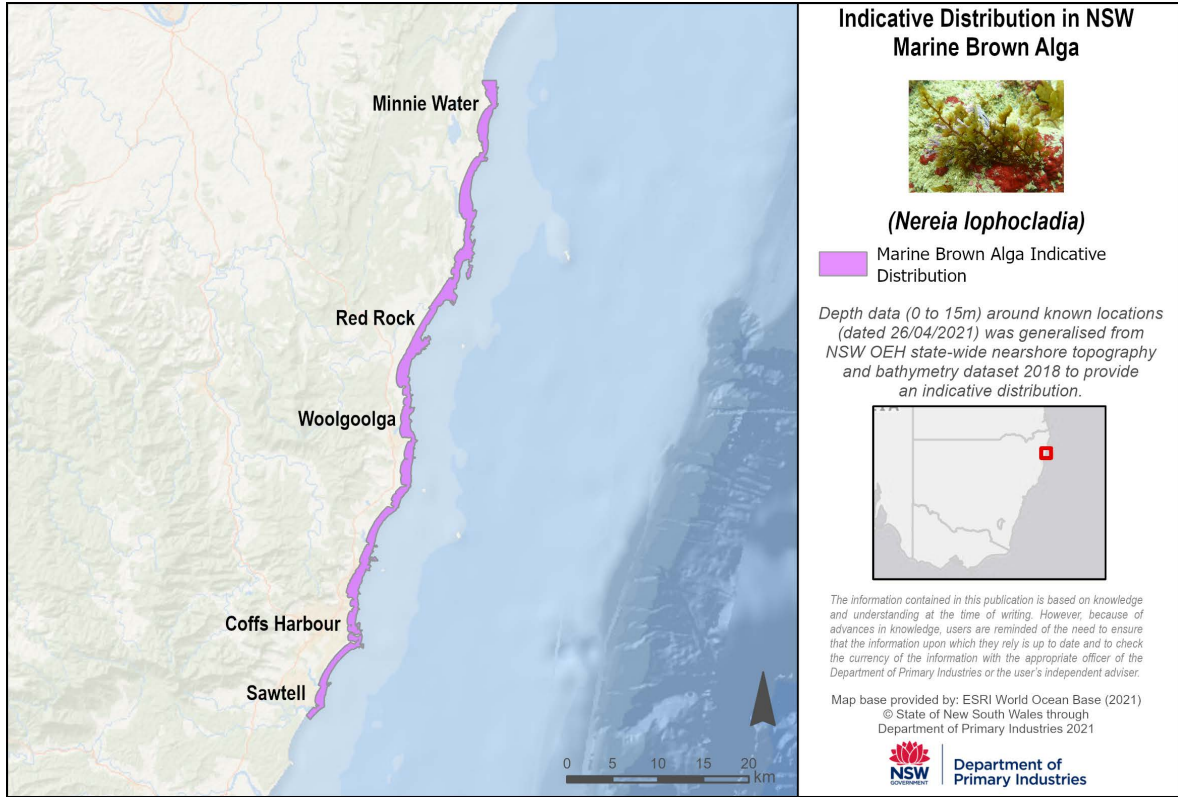


Dataset: Marine Brown Alga Indicative Distribution in NSW



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 indicative distribution at a

NSW Spatial Dataset Profile

	<p>regional 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 and updated in 2021.
Standards & Specifications	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information – Metadata
Access and Licensing	<p>The data is licensed under Creative Commons License Deed Attribution-NonCommercial-NoDerivatives 4.0 International (CC BY-NC-ND 4.0).</p> <p>Full credit must be given to NSW Department of Primary Industries.</p> <p>The information contained in this publication is based on knowledge and understanding at the time of writing. However, because of advances in knowledge, users are reminded of the need to ensure that the information upon which they rely is up to date and to check the currency of the information with the appropriate officer of the Department of Primary Industries or the user's independent adviser.</p>
Metadata	Depth data (0 to 15m) around known locations (dated 26/04/2021) was generalised from NSW OEH state-wide nearshore topography and bathymetry dataset 2018 to provide an indicative distribution.
Updates	As required.
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