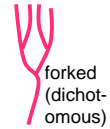


Techniques needed and plant shape



MACRO
PLANT



Classification

Phylum: Chlorophyta; Order: Bryopsidales; Family: Caulerpaceae

*Descriptive name

spiny caulerpa; §Brown's caulerpa*

Features



1. plants green to dark green, 30-400mm tall
3. upright parts arise from a horizontal runner **covered** with short, soft **spines**
4. upright parts cylindrical, \approx 6mm in diameter, simple or forked 1-2 times
5. upright parts **densely covered** in short, soft "spines" (= ultimate branches or ramuli) **forked** at their bases

Variations

branches may be more robust on rough water coasts

Special requirements



view the "spines" (ramuli) on the upright parts to find the **forking** at the base

Occurrences

Usual Habitat

from S W Australia to Victoria, Tasmania, Lord Howe I., and New Zealand
on hard surfaces just below low water level to 42m deep, often in large patches

Similar Species

the species has distinctive plant and ramuli shapes.

Description in the Benthic Flora Part I, pages 261, 263, 264

Details of Anatomy



- 1, 2. *Caulerpa brownii* from Corny Point, S Yorke Peninsula, S Australia
1. specimen approximately life size, showing the spine covered runner with rhizoids beneath and upright branches with rows of forked, spiny ultimate branches (ramuli).
 2. magnified view with the basal forking of a ramulus arrowed

* Descriptive names are inventions to aid identification, and are not commonly used
§ name used in Edgar, G. *Australian Marine Life, 2nd Ed.* (2008)
"Algae Revealed" R N Baldock, S Australian State Herbarium, September 2003



Caulerpa brownii (C Agardh) Enlicher from S Australia

3. at Port Elliot, growing in a characteristic mass in shallow water
4. detached plant(s) from Port Noarlunga, showing a spiny runner and mass of upright branches covered in spiny ultimate branches (ramuli)



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 § name used in Edgar, G. *Australian Marine Life, 2nd Ed.* (2008)
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