Techniques needed and plant shape

Classification

Phylum: Chlorophyta; Order: Bryopsidales; Family: Caulerpaceae

* Descriptive name

ringed caulerpa; \textsuperscript{§}Amulet (sic) caulerpa

Features

1. plants dark green, 30-250mm tall
2. upright branches are \textit{bead-like}, arising from a coarse, gristly, \textit{naked runner}
3. \textit{opposite pairs} of bladders \textit{4-10mm long} form the ultimate branches (ramuli)

Special requirements

view the ladder-like branches

Usual Habitat

apparently a deep water species on rough water coasts, from SE of S Australia, Victoria, Tasmania to Ballina NSW

Similar Species

a form of \textit{Caulerpa geminata} has \textit{opposite pairs} of bladder-like ramuli, but these are smaller and more spherical than \textit{C. hodgkinsoniae}, and the upright branch bearing them is not bead-like. \textit{C. cactoides} has also bladder-like ramuli but they are larger (>10mm long)

Description in the Benthic Flora

Part I, pages 267, 269, 273 (as \textit{Caulerpa annulata} Lucas)

Details of Anatomy

* Descriptive names are inventions to aid identification, and are not commonly used
\textsuperscript{§} name used in Edgar, G. \textit{Australian Marine Life, 2nd Ed.} (2008)

Two magnifications of *Caulerpa hodgkinsoniae* J Agardh (A56401), from Nora Creina Bay, S. Australia

* Descriptive names are inventions to aid identification, and are not commonly used

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