

Techniques needed and plant shape



MACRO
PLANT



Classification

Phylum: Chlorophyta; Order: Bryopsidales; Family: Codiaceae

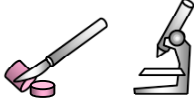
*Descriptive name

lobed felt-weed

Features

plants dark green, grow flat on rock, 150mm long and 10mm thick, lobed and with the consistency of felt

Special requirements



shave off a few of the microscopic outer structures (utricles). View under the microscope. Large utricles 600-1300µm long and 70-140µm in diameter, narrow utricles baton-shaped with a terminal knob or **head** characteristic of the species

Occurrences
Usual Habitat

from southern W Australia to Tasmania and north to Queensland
on rock in the lower intertidal and just below, in moderate to rough waters.

Similar Species

Codium lucasii. Microscopic investigation of the utricles is needed to separate the species.

Description in the Benthic Flora
Details of Anatomy

Part I, pages 226-227, 229



Preserved specimens of *Codium capitulatum* (A19385) viewed microscopically at different magnifications
1. dark field microscope imaging of utricles showing the tendency for them to occur in clusters
2, 3 ends of detached narrow type of utricles with characteristic "heads"
4. large and narrow types of utricles

* Descriptive names are inventions to aid identification, and are not commonly used
"Algae Revealed" R N Baldock, S Australian State Herbarium, September 2003



Magnified view of *Codium capitulatum*
Silva **in** Womersley, (A34857) from
Elliston, S. Australia in a heavily shaded
part of the lower intertidal