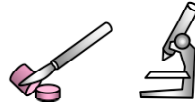


Techniques needed and plant shape



MACRO  
PLANT



Classification

Phylum: Chlorophyta; Order: Bryopsidales; Family: Codiaceae

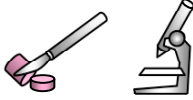
\*Descriptive name

short-stalked felt-fan

Features

plants yellow-green, on a short stalk, upper part large, to 800mm broad, flat, felt-like, circular or lobed in outline

Special requirements



shave off or tease out a few of the microscopic, flask-shaped outer structures (utricles) and view them under the microscope. Utricles are cylindrical, 470- 800  $\mu\text{m}$  long and 65-200 $\mu\text{m}$  in diameter, with paired threads basally containing a constriction (plug) and rounded tip with thick, **layered** end wall

Occurrences

southern W Australia to Pearson I. in S. Australia

Usual Habitat

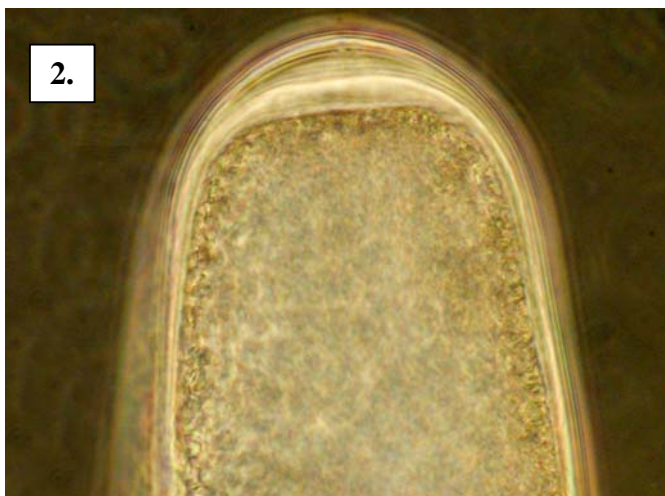
on rock often in deep water

Similar Species

unique: other flat species adhere to rocks and do not have a stalk.

Description in the Benthic Flora Part I, pages 232-234

Details of Anatomy



Preserved (bleached) specimens of *Codium laminarioides*, (A52209) viewed microscopically at different magnifications  
1. utricles and basal filaments from a shaving of the plant surface, showing thickened utricule end walls  
2. thickened end wall of a utricule, showing its layered (lamellate) construction  
3. utricule with thickened end wall, and basal threads with plug (*pl*) adjacent to the utricule base



Codium laminarioides Harvey  
Nuyts Reef  
South Australia  
28-30 m. deep

*Codium laminarioides* Harvey, (A52209) from Nuyts Reef, S. Australia, 30m deep

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