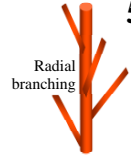
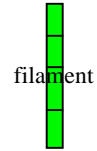


Bryopsis macraildii

Womersley



MACRO
PLANT



50.670

Techniques needed and shape

Classification

Phylum: Chlorophyta; Order: Bryopsidales; Family: Bryopsidaceae

*Descriptive name

delicate green tufts

Features



1. plants bright green, shining when dry, 30 –60mm tall
2. upright stalks (axes) several, delicate, arising from basal branching rhizoids.
3. the few short *side branches* and ultimate branches (ramuli) are *loosely* packed, and arranged *radially*

Special requirements



1. view the rarely-divided (*coenocytic*) filaments microscopically
2. measure the main stalks (axes): they should be about **0.5 – 1.0mm** across
3. view the ramuli that are relatively evenly separated by more than *twice their width apart*

Occurrences

from Rottneest I. and Pt Peron, W. Australia, Coffin Bay and Kangaroo I., S. Australia, to Victoria

Usual Habitat

in shallow water

Similar Species

Bryopsis foliosa and *Br. foliosa* but these are more robust species ramuli are closer together

Description in the Benthic Flora Part I, pages 276-279

Details of Anatomy

A preserved (bleached) specimen (A5782), from American River, S. Australia showing regularly well-spaced and radially arranged ultimate branches (ramuli)





Bryopsis macrailldii Womersley (A50706),
from Rottnest I., W. Australia