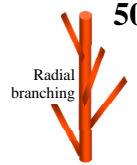
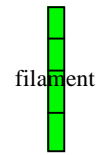


# *Bryopsis vestita* J. Agardh



MACRO  
PLANT



50.670

## Techniques needed and shape

## Classification

Phylum: Chlorophyta; Order: Bryopsidales; Family: Bryopsidaceae

## \*Descriptive name

dense green tufts; § tufted bryopsis

## Features



1. plants bright green, densely tufted, 50-250mm tall
2. many upright stalks (axes) arise from basal branching rhizoids
3. side branches and ultimate branches (ramuli) arise in an irregular **radial** pattern
4. side stalks may be denuded below

## Variations

lower side branches may be denuded except at their tips, giving the whole main axis a lance-shaped outline

## Special requirements:



1. view the rarely-divided (**coenocytic**) filaments microscopically
2. measure the main stalks (axes): they should be **0.5 – 1.0mm** across
3. view the ramuli near the stalk tips to see the characteristic **radial** arrangement

## Occurrences

from Cape Northumberland, S. Australia to Wilsons Promontory, Victoria, and around Tasmania

## Usual Habitat

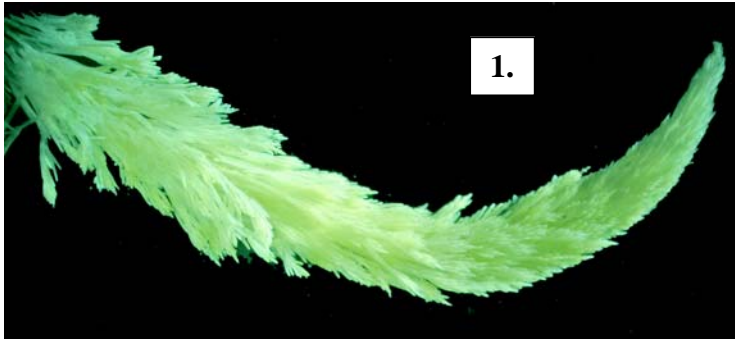
usually on rock in the lower intertidal or shallow water on rough water coasts

## Similar Species

similar in size to *Bryopsis gemellipara*, but that species has a 2-sided branching pattern

## Description in the Benthic Flora Part I, pages 280-283

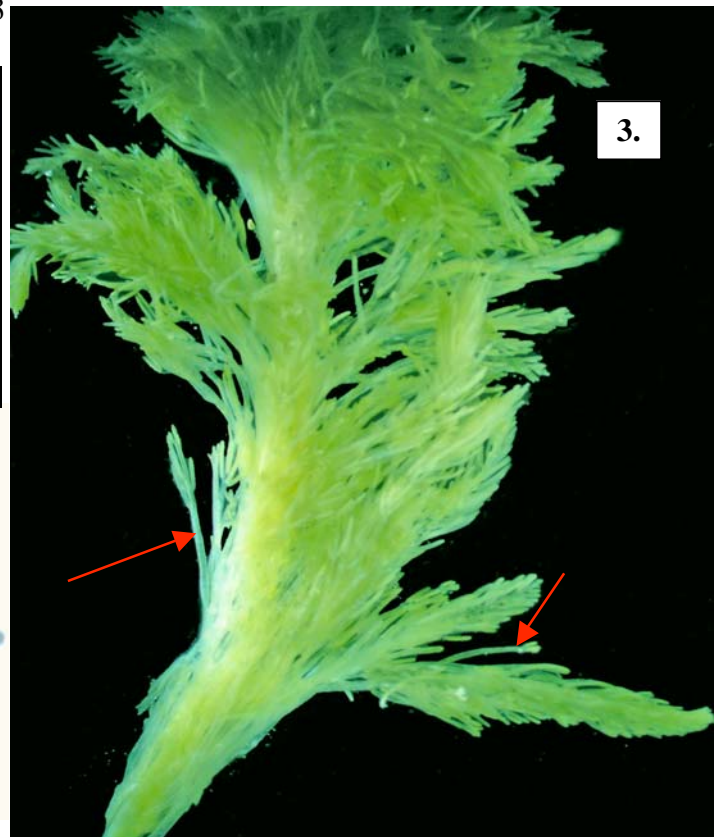
### Details of Anatomy



1.



2.



3.

Preserved (bleached) and coloured specimens of *Bryopsis vestita* (A39538) from Cape Northumberland, S. Australia.

1. dense branching at the tip of a stalk (axis).
2. detail of radial pattern of ultimate branches (ramuli) on a side branch
3. characteristic masses of ramuli densely wrapping the branches except for some lower side branches (arrowed) which are denuded at their bases.

\* 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, July 2005

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Two magnifications of *Bryopsis vestita* J. Agardh (A39538) from Cape Northumberland, S. Australia, showing the dense ultimate branches (ramuli) forming terminal tufts that give the plant a feathery appearance

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‡ name used in Edgar, G. *Australian Marine Life, 2nd Ed.* (2008)  
“Algae Revealed” R N Baldock, S Australian State Herbarium, July 2005