

**MACRO
PLANT**



Techniques needed

Classification

Phylum: Chlorophyta; Order: Cladophorales; Family: Anadyomenaceae

***Descriptive name**

leafy nets; §green veinweed

Features

plants to 200mm tall, yellow-green, of a basal stalk and a glistening, leaf-like upper blade of open meshes

Variations

the plant may consist only of several stalks forming a cluster because the blades are periodically lost but regrow seasonally from the base

Special requirements



view the blade 1-cell thick consisting of a central filament and curved side branches with strongly adhering cross-links

Occurrences

S West Australia to Encounter Bay, S Australia

Usual Habitat

on hard surfaces, from low tide level to 33m deep

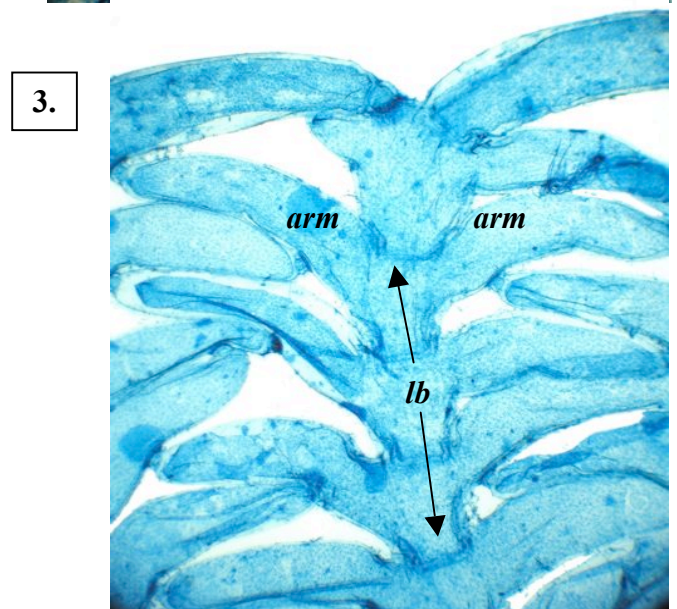
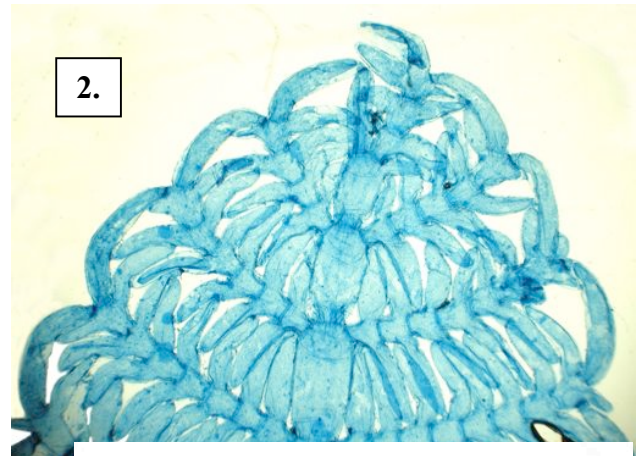
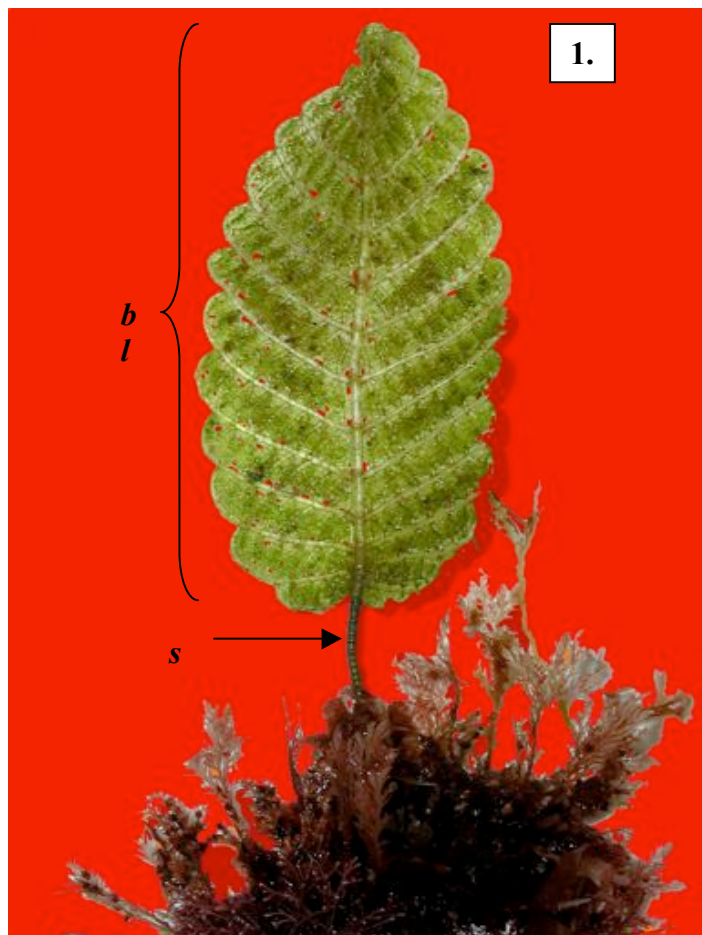
Similar Species



When denuded to basal stalks, the species is difficult to recognise or separate from *Apjohnia laetevirens*

Description in the Benthic Flora Part I, pages 216-217

Details of Anatomy



1. *Struvea plumosa* approximately life size from 20m deep, St Francis Island, Nuyts Archipelago, SA, Feb 2002. The narrow, ringed stalk (*st*) and broad, meshed-blade (*bl*) can be seen.
- 2,3. specimens stained blue and viewed microscopically at different magnifications
 2. blade tip.
 3. side branch (lateral branch, *lb*) extending out as curved arms (*arm*) overlapping neighbours, thus forming the meshwork of the blade (slide 7677)

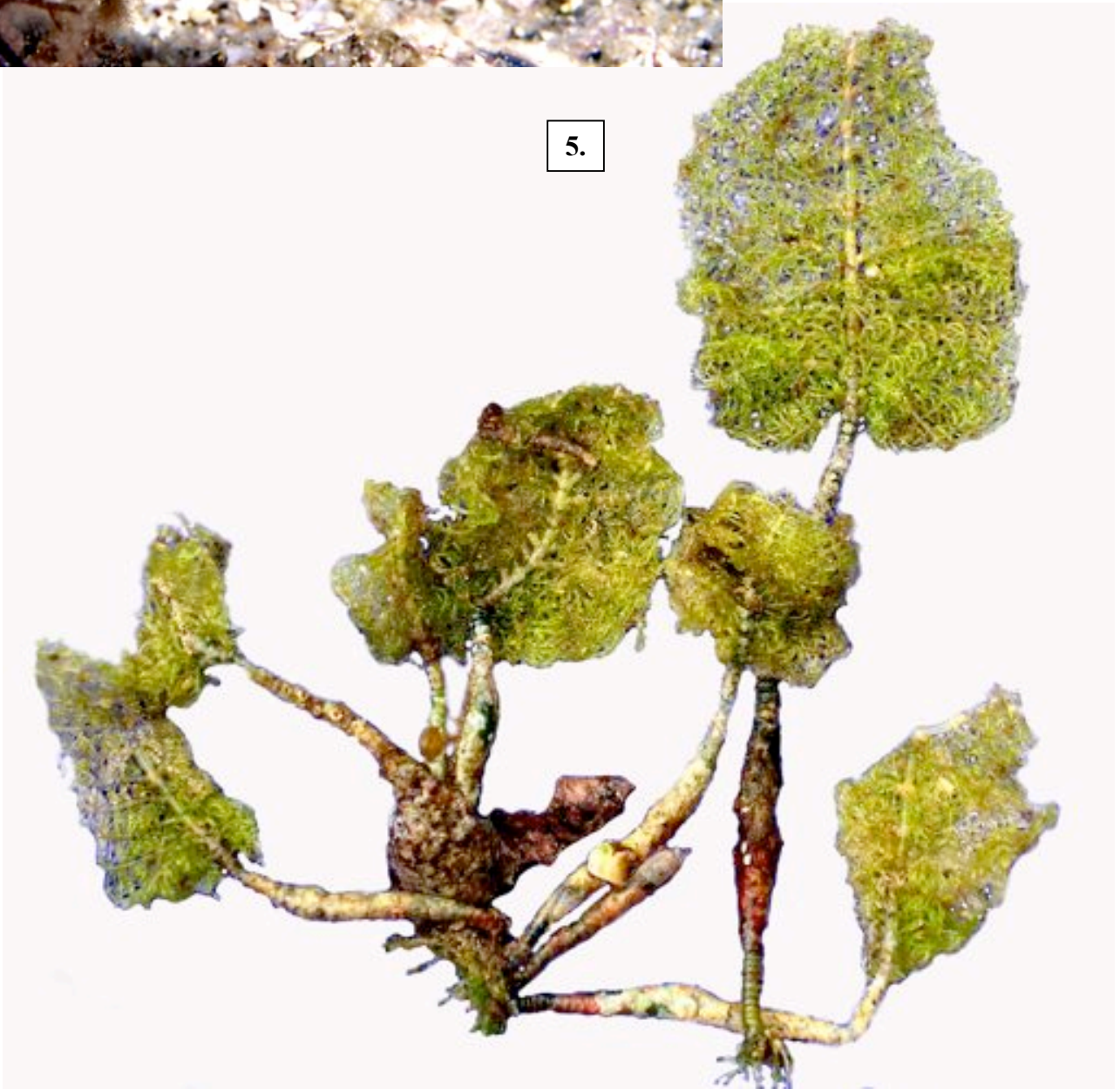
* Descriptive names are inventions to aid identification, and are not commonly used

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

“Algae Revealed” R N Baldock, S Australian State Herbarium, October 2003



4.



5.

5. underwater photo of *Struvea plumosa* (D Muirhead)
6. specimens from 2m deep Edithburgh, S Australia 2005 (R N Baldock)

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