



**MACRO
PLANT**



Techniques needed and shape

Classification

Phylum: Rhodophyta; Family: Delesseriaceae; Tribe: Nitophylloideae;
Group: Myriogramme

*Descriptive name

Features

Occurrences

Usual Habitat

Similar Species

Description in the Benthic Flora

Special Requirements

Details of Anatomy

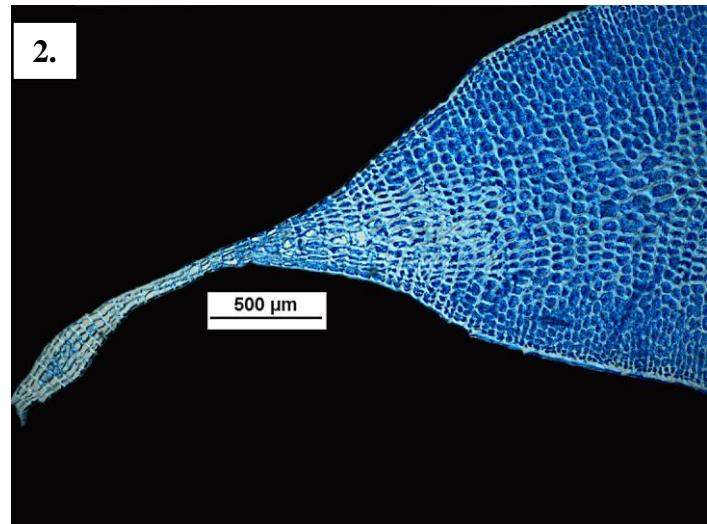
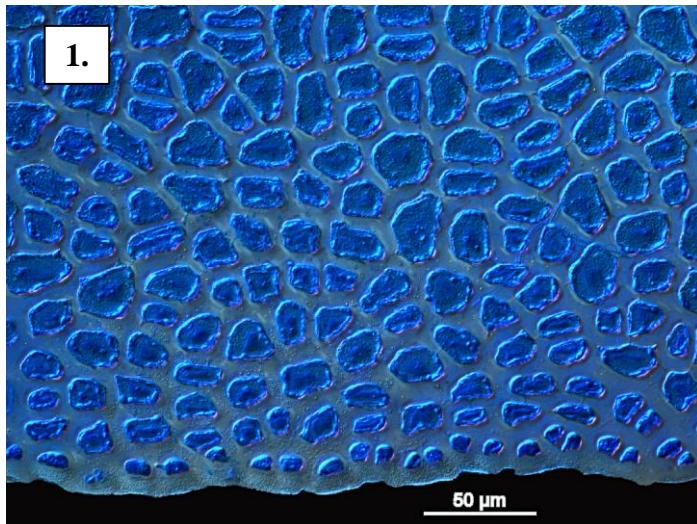
stalked frilly blades

plants rose-red, 80-200mm tall, with thick **forked stalks** continuing into membranous, blades as a coarse **central vein** and alternating, **forked** side veins; blades up to 150mm x 80mm in size with **frilly**, wavy edges

restricted to SE Tasmania

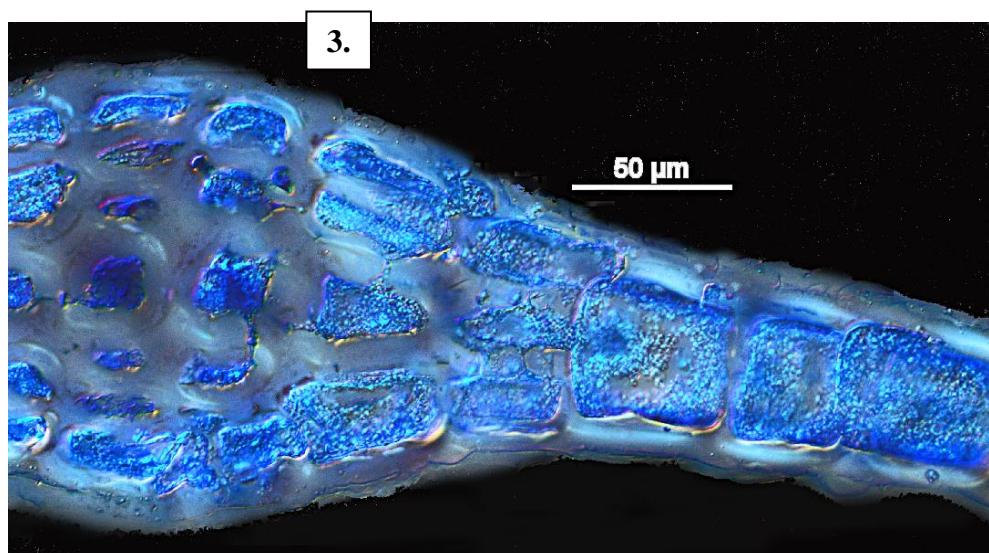
from shallow to deep water (31m)

Schizoseris hymenena. This has forked veins but does not have a prominent stalk nor solid midrib. Reproduction in *S. perriniae* is unknown and this species may merely be old plants of *S. hymenena* that have a prominent stalk that grows new blades perennually



Schizoseris perriniae (Lucas)
Womersley stained blue and
viewed microscopically

1. blade edge, surface view: small edge-cells that divide and continue the growth of the blade (slide 17665)
2. cross section through a stalk: blade mainly 1 cell layer thick; tiers of cells in the stalk (slide 17661)
3. cross section through a small vein and a portion of a blade a single cell thick (slide 17661)



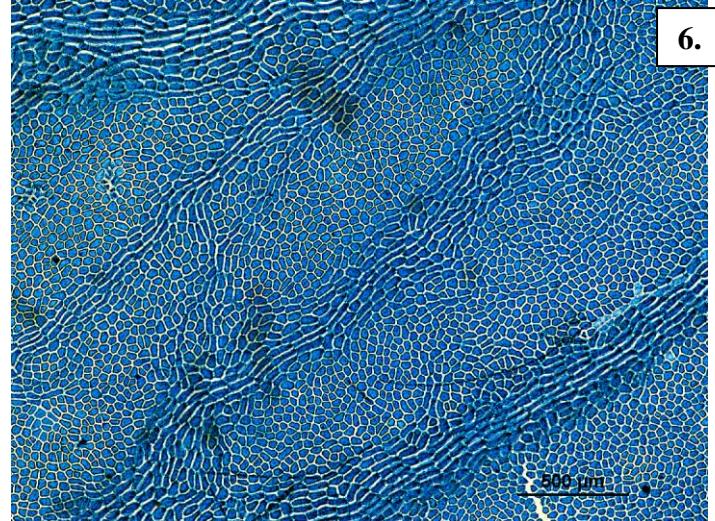
4.



5.



6.



- 4, 5. two magnifications of *Schizoseris perriniae* (Lucas) Womersley (^{A64256}): prominent stalks, midribs, fine veins and ruffled blades
6. surface microscopic view of a part of a blade stained blue (^{slide 17665}): veins forked