

- 3. branch tips fan-shaped and *notched* (bluntly toothed) at the edges
- 4. a network of *hydroid runners* covers the surface

very few specimens lack the hydroid runners on their surface

view the blade edges to see the *line* of dividing cells (meristem)
 slice a section across a blade to view the 6 rows of *equal sized* cells

shaped polyps by fish) of the hydroid Scoresbia daidala

from Fremantle W Australia to Southport Queensland

on rock, often in deep water (25m)

Special requirements



Occurrences Usual Habitat

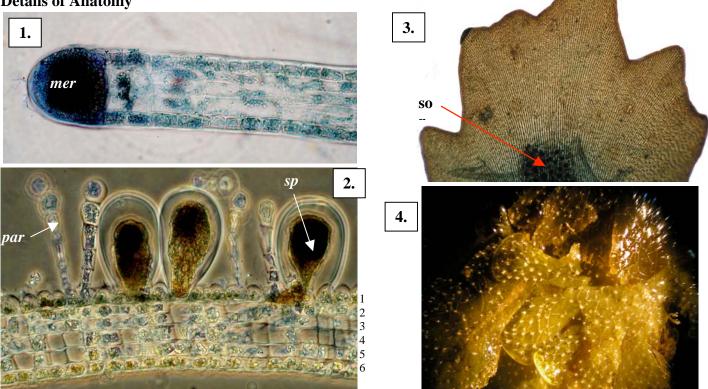
Similar Species

Variations

Chlanidophora microphylla has small fan-shaped blades, but they are not notched, only 2 cells thick, and there are no encrusting hydroids

3. view the surface to find the runners and upright stalks (often denuded of bell-

Description in the Benthic Flora Part II, page 250 **Details of Anatomy**

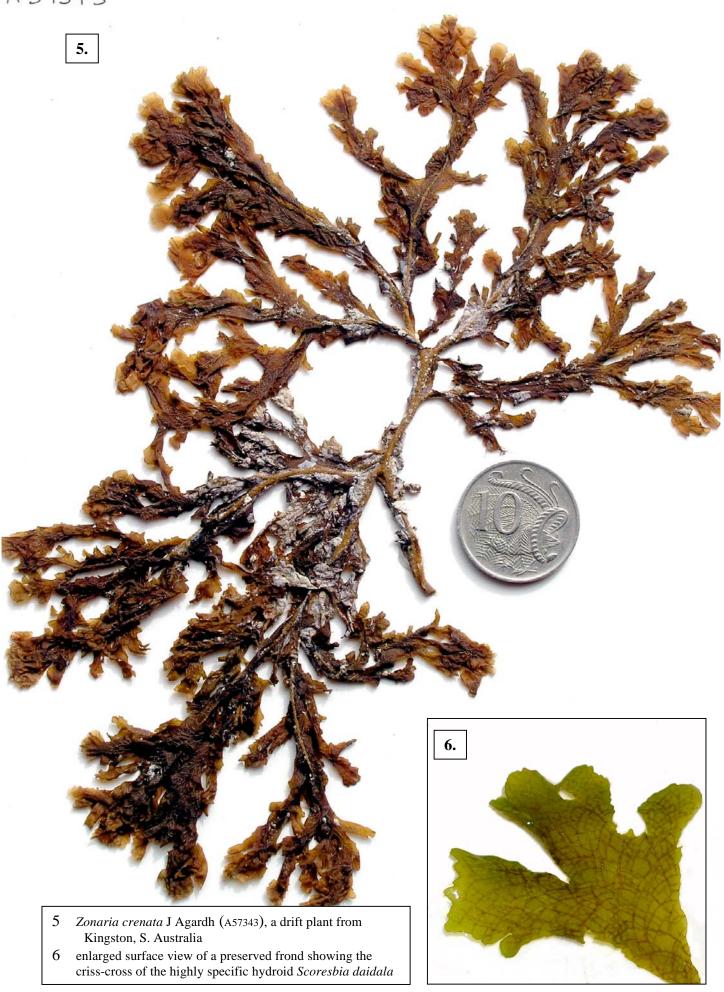


Zonaria crenata viewed microscopically.

- 1, 2. cross sections through blades
 - with a single dark cell from the line of edge cells (meristem, *mer*) that divide to continue the growth of the blade forming blades 6 rows of cells deep characteristic of the species (slide 9874)
 - 2. showing sporangia (*sp*), hairs (paraphyses, *par*) and the blade is 6 rows of even sized cells deep (1 6) (slide 9875)
- showing sporting a (*sp*), hars (paraphyses, *par*) and the blade is o rows of even sized cens deep (1 0) (side 36(5))
 plant tip showing the notched or bluntly toothed edge of a fan-shaped blade with a patch (sorus, *sor*) of sporangia. The line of dividing cells (meristem) at the extreme blade edge is present but obscure (slide 9875)
- 4. surface view of a blade top lit to accentuate the network of runners of the associated hydroid (hyd) Scoresbia (slide 9875)

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





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