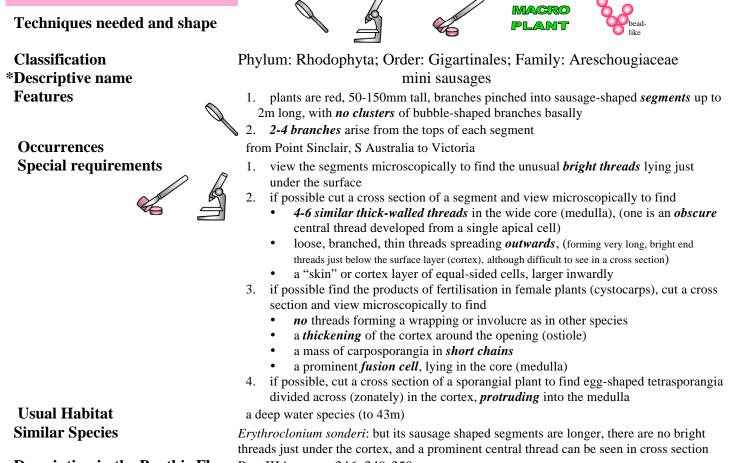
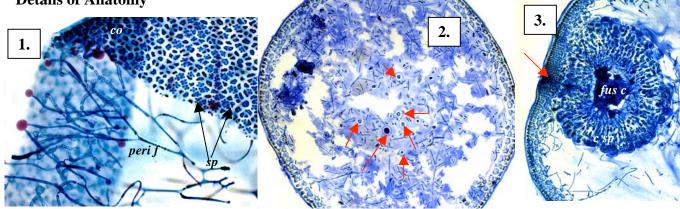
Rhabdonia clavigera

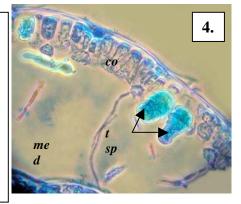
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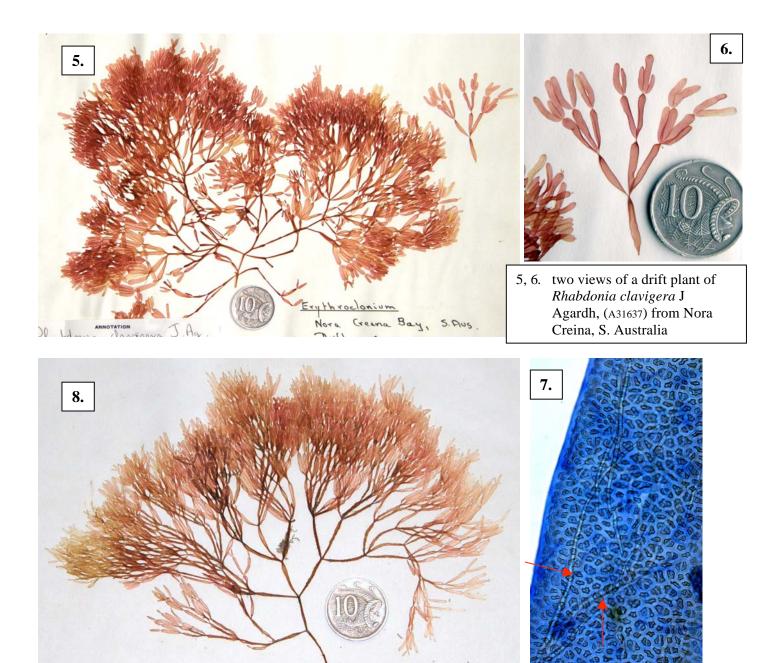


Description in the Benthic Flora Part IIIA, pages 346, 349-350 Details of Anatomy



- Cross sections of *Rhabdonia clavigera* stained blue and viewed microscopically 1. a slightly folded section of a young segment of a male plant, showing a surface view of the outer layer (cortex, *co*) with groups of minute spermatangia (*sp*), and scattered, branched, radiating (peri axial) threads (*peri f*) forming the loose core or medulla (A68845 slide 19487)
 - 2. a mature segment with cortex of equal-sided cells, loose medulla of threads and central core of thicker-walled threads (arrowed), one of which is a central thread produced at the plant tip (A42350 slide 12601)
 - 3. a cystocarp with large fusion cell (*fus c*), short chains of carposporangia (*c sp*), *no* envelope of threads, but a thickening of the cortex (arrowed) around the opening (ostiole) (A57594 slide 12607)
 - 4. a sporangial plant with tetrasporangia in the cortex dividing across (zonately) and protruding into the central core (medulla) (A57594 slide 12609)







7. surface view of a fragment of *Rhabdonia clavigera* stained blue and viewed microscopically showing the bright threads (arrowed) lying just under the cells of the outer or cortex layer (A57594 slide 12611)

8, 9. Two views of *Rhabdonia clavigera* (A33897), 24m deep, 2miles SE of Troubridge I., S Australia

* Descriptive names are inventions to aid identification, and are not commonly used "Algae Revealed" R N Baldock, S Australian State Herbarium, March 2008