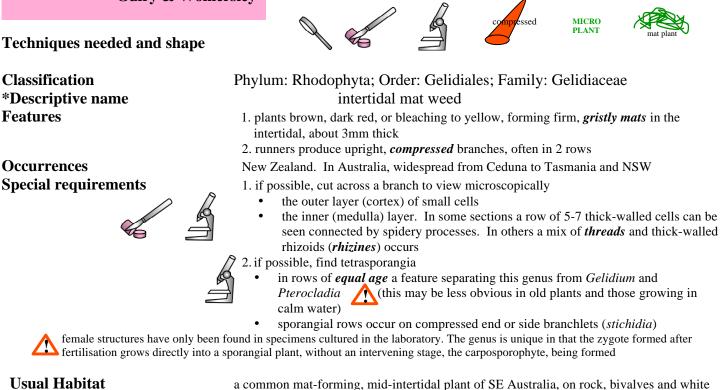
Capreolia implexa Guiry & Womersley

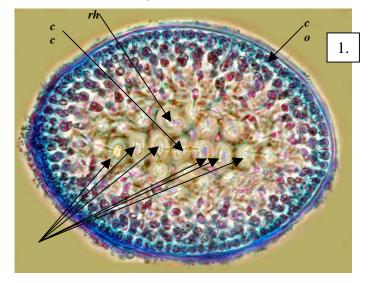


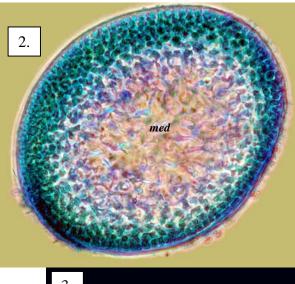
Similar Species

worm tubes (*Galeolaria*) *Gelidium pusillum*, but that species forms taller turfs, in intertidal pools, the lower

intertidal or shallow water. **Description in the Benthic Flora** Part IIIA, pages 126-128

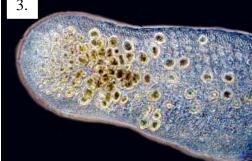
Details of Anatomy





Capreolia implexa stained blue and viewed microscopically

- 1. a cross section showing the flattened branch with an outer layer (cortex, *co*) of small cells, inner part (medulla) of a central cell (*cc*) and string of thick-walled cells (arrowed) forming a spidery network and thick-walled rhizines (*rh*) (A59205 slide 10984)
- 2. a cross section with inner section (medulla, *med*) of massed threads (A27730 slide 10663)
- 3. detail of a branchlet with tetrasporangia (a stichidium) showing curved rows of sporangia of equal age (A50439 slide 10692)

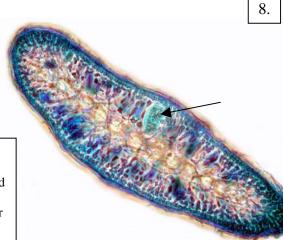


^{*} Descriptive names are inventions to aid identification, and are not commonly used "Algae Revealed" R N Baldock, S Australian State Herbarium, September 2007









Specimens of Capreolia implexa Guiry & Womersley

- 4. from the mid-intertidal at Port Stanvac, S Australia (A50439)
- 5. from the lower intertidal amongst *Hormosira* at Robe, with exposed runners (arrowed) and flat-branched upright branches
- 6. stained blue and enlarged to show the two-sided flat branching near the tips of upright branches (A50439 slide 10692)
- 7. under dark field illumination to emphasise the two-sided branching of branchlets bearing tetrasporangia (stichidia) (A50439 slide 1069)
- 8. a cross section of a stichidium with one tetrasporangium arrowed (showing a division into a cross-shaped or cruciate pattern) (A58694 slide 10654)