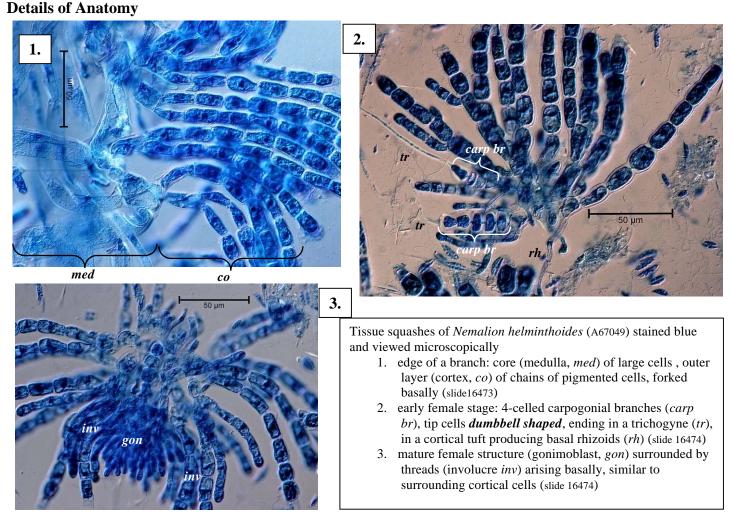
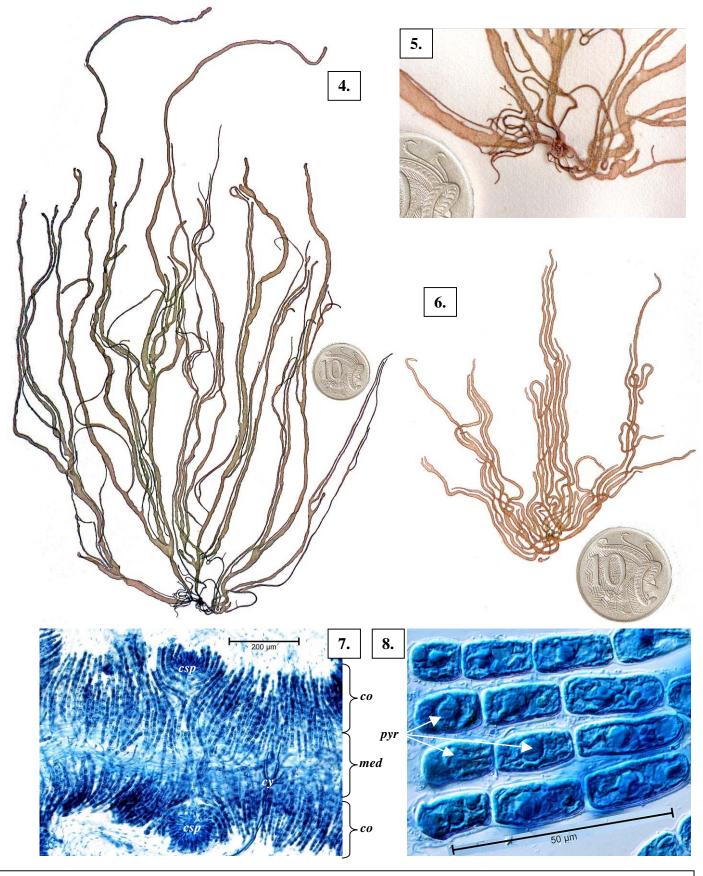


e difficult

4. early female stages with *straight*, 4-celled chains of cells (carpogonial branches) attached to the lower parts of cortical branches, tip cell *dumbbell shaped* ( ) ending in a hair-like trichogyne



Descriptive names are inventions to aid identification, and are not commonly used "Algae Revealed" R N Baldock, S Australian State Herbarium, January 2012



Nemalion helminthoides (Velley) Batters from South Australia

- 4, 5. whole plant and detail of the basal branching in a specimen from the mid intertidal, Port Hughes, Yorke Peninsula (A59219)
- 6. smaller plant (A31978) growing on granite in the upper intertidal of a headland, at Port Elliott
- 7, 8. specimens (A67049) stained blue and viewed microscopically:
  - interwoven threads in the core (medulla, *med*), coloured threads of the cortex (*co*), bunches of threads around mature female structures (carposporophytes, *csp*) and foreign, infiltrating threads of a cyanophyte (*cy*) (slide 16474)
    highly magnified cortical cells showing large central body (pyrenoid, *pyr*) associated with the plastid (slide 1673)