Techniques needed and plant shape











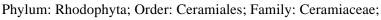
Classification

Occurrences

Usual Habitat

Similar Species

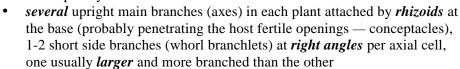
*Descriptive name **Features Special requirements**



Tribe: Heterothamnieae

red platythalia fuzz

red tufts about 4mm tall form patches on the brown alga, Platythalia angustifolia view microscopically: to find

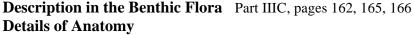


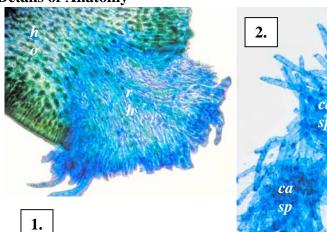
- carposporophytes (the products of fertilisation) with bunches of carposporangia at the ends of branches, surrounded by 4 whorl branchlets
- stalkless, tetrahedrally divided tetraspores on lower cells of whorl branchlets in sporangiate plants

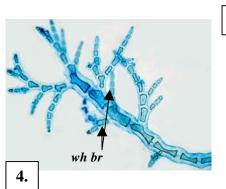
known only from Sarge Bay, Cape Leeuwin, W. Australia not known (drift plant)

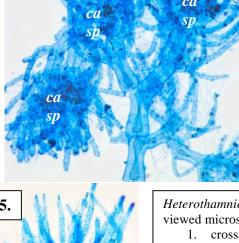
other Heterothamnion spp, but they have 4 whorl branchlets per axial cell, and parasitise *Cystophora* spp

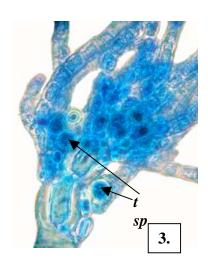


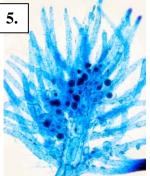








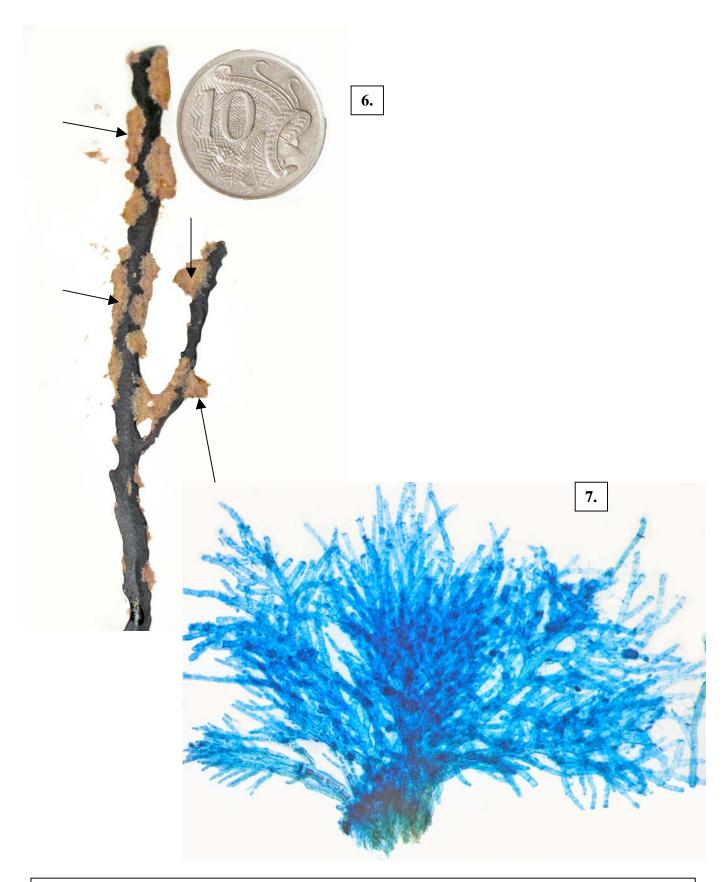




Heterothamnion platythaliae A34205 stained blue and viewed microscopically

- cross section through the host (ho) to show the mass of penetrating rhizoids (rh) (slide 16611)
- carposporophytes (ca sp) (products of fertilisation), at the ends of branches (slide 16612)
- tetrasporangia (t sp) on basal whorl branchlet cells (slide 16613)
- odd-sized whorl branchlets (wh br) at right angles from each main branch cell (slide 16612)
- tetrasporangial branchlets (slide 16612)

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



- 6. Heterothamnion platythaliae Athanasiadis A34205 (arrowed) on Platythalia
- 7. whole, detached plant stained blue and viewed microscopically (A34205 slide 16612)