

Description in the Benthic Flora Part II, pages 78-80



Microscope views of *Elasticha claytoniae* stained with blue (A50332 slide 6245)

- 1. side view of the cushion-shaped mass on a Sargassum leaf (*lf*) showing the colourless inner (medulla, *med*) layer, outer (cortical, *cor*) layer and long, emergent photosynthetic (assimilatory) filaments, (*as fil*)
- 2. highly magnified view of the outer (cortical) threads (*cor*), one continuing as an assimilatory filament (*fil*), and bearing sporangia with many compartments (plurilocular sporangia, *pl sp*) laterally





^{*} Descriptive names are inventions to aid identification, and are not commonly used "Algae Revealed" R N Baldock, S Australian State Herbarium, August 2005