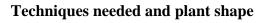
Colpomenia ecuticulata **Parsons**

A SPECIES WITH FEW RECORDS

34.590



Classification

*Descriptive name Features

Special requirements



Occurrences

Usual Habitat Similar Species

Description in the Benthic Flora Part II, pages 296, 298-300 **Details of Anatomy**

Phylum: Phaeophyta; Order: Scytosiphonales; Family: Scytosiphonaceae

MACRO

PLANT

bubble weed

plants light brown, stalkless, ball-shaped, 50-250mm across hollow, easily torn. Extensive, irregular, fertile patches (sori) are just visible to the unaided eye on the surface

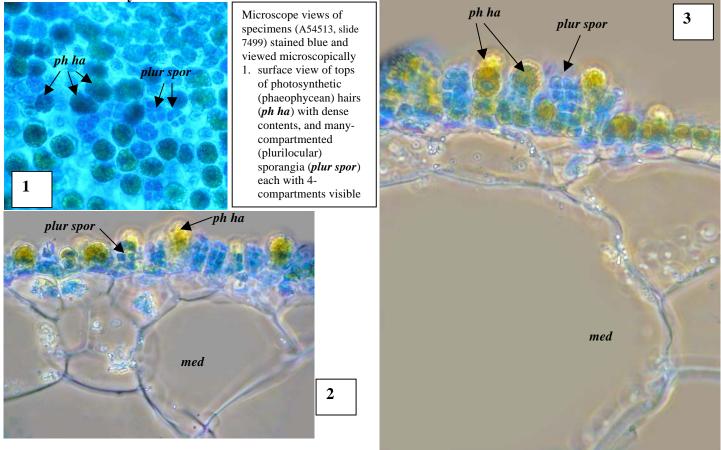
1. view a magnified surface view. Patches of sporangia (sori) form an irregular *network*. Tufts of colourless hairs lie *outsid*e these patches

- 2. in the sori, many-compartmented (plurilocular) sporangia are mixed with very short dark brown, photosynthetic (phaeophycean) hairs
- 3. cut a cross section of a fertile patch of the outer skin to view
 - large colourless cells of the middle (medulla) layer that decrease in size towards the surface (cortex) layer
 - groups of 2-celled, dark brown, photosynthetic (phaeophycean) hairs
 - 2-rowed, many-compartmented (plurilocular) sporangia

only known from the N. island of New Zealand, and washed up in quantity at Pt MacDonnell, S. Australia

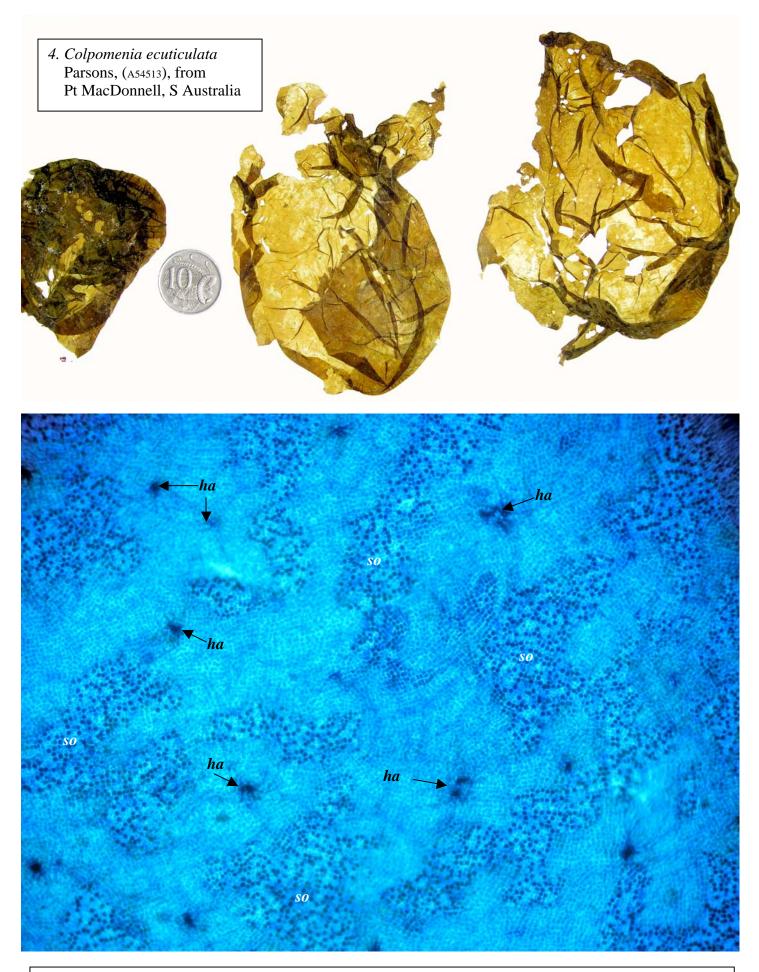
growing mainly on other algae

similar to other species of Colpomenia, requiring microscope examination for correct identification



2, 3. sections through the skin showing the middle layer (medulla, med) of large, colourless cells becoming smaller towards the surface, 2celled photosynthetic hairs (ph ha) and 2-rowed sporangia (plur spor)

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



5. Magnified surface view stained blue, (A54513, slide 7499), showing the irregular network of patches (sori, *so*) of sporangia and *separate* tufts of colourless hairs (*ha*) characteristic of the species