Codium lucasii Setchell *in* Lucas

Techniques needed

Classification

***Descriptive name**

Features

Special requirements



Occurrences

Usual Habitat

Similar Species









50.620

Phylum: Chlorophyta; Order: Bryopsidales; Family: Codiaceae

green bird-dropping

plants dark green, flat on rock, to 150mm across and 10mm thick, lobed, rubbery

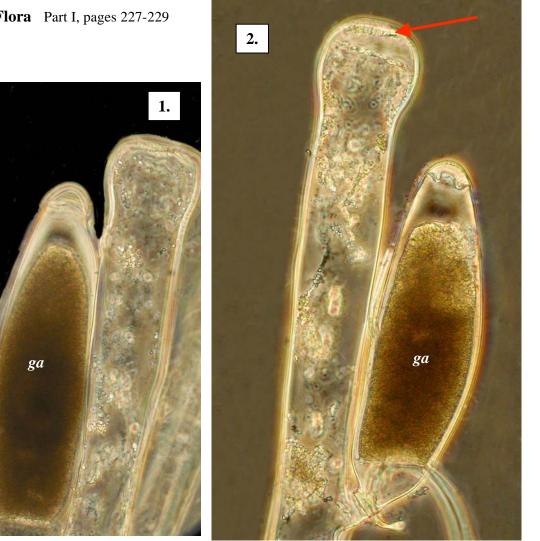
shave off or tease out a few of the microscopic, flask-shaped outer structures (utricles) and view them under the microscope. Utricles cylindrical, 400-800µm long and 50-100µm in diameter, *pinched* near the top, apex rounded walls thick, end wall *pitted*, and pairs of threads basally

central W Australia to southern coastlines, N coast Tasmania and southern Queensland on rock in the lower intertidal to shallow water

Codium capitulatum. Microscopic investigation of the utricles is needed to separate the species.

Description in the Benthic Flora Part I, pages 227-229

Details of Anatomy



Preserved (bleached) specimens of Codium lucasii (A18830) viewed microscopically at different magnifications 1. tips of utricles and a single reproductive organ (gametangium, ga) showing the thick walls, particularly at the tips 2. utricle tip showing the thickened and *pitted* end wall (arrowed) and slightly lop-sided bulbous tip. A single reproductive organ (gametangium, ga) with terminal lid is also present



* Descriptive names are inventions to aid identification, and are not commonly used "Algae Revealed" R N Baldock, S Australian State Herbarium, September 2003