

Micropeuce sarcocaulon

(Harvey) Kylin *ex* Silva *in* Silva *et al*

Assigned to *M. sarcocaulon* with some doubt

45.940.07

A SPECIES WITH FEW RECORDS

Techniques needed and plant shape



MICRO
PLANT



Classification

*Descriptive name

Features

Occurrences

Special requirements

Division: Rhodophyta; Family: Rhodomelaceae; Tribe: Lophothalieae
soft ragged tufts

plant dark red of soft, mucilaginous, tubular (terete) main branches (axes) with smaller side branches ending in pink tufts

Fremantle, W Australia and Double Corner Beach, Portland Bay Victoria

view microscopically to find:

- tufts of much branched threads (*trichoblasts*) at branch tips with individual (non adherent) walls a feature placing this genus in the Tribe: Lophothalieae
- in a cross section of a main branch, a central filament ringed by 5 flanking (pericentral) cells a feature separating it from *Holotrichia*

Usual Habitat

Similar Species

not recorded



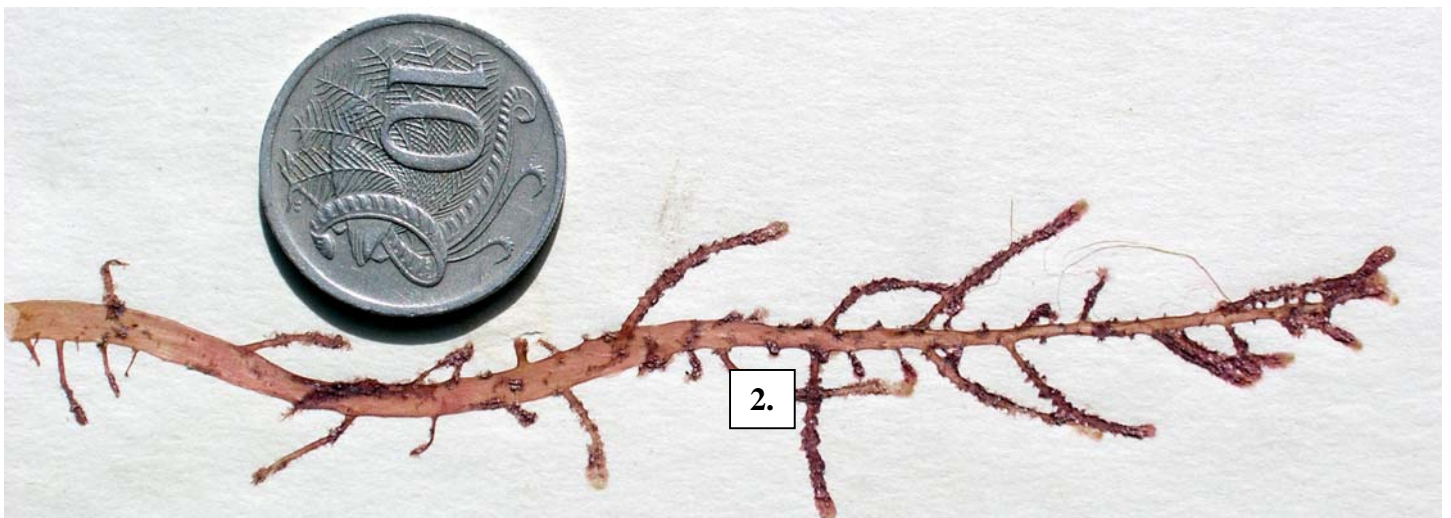
similar to other members of the corticated Lophothalieae, and requiring mature tetrasporangia for accurate identification. Possibly a form of *M. feredayae* but investigation of further collections is needed

Description in the Benthic Flora

Part IIID, pages 254, 259

Details of Anatomy

not available



Micropeuce sarcocaulon (Harvey) Kylin *ex* Silva *in* Silva *et al*, A21569 B, from Double Corner Beach, Portland Bay Victoria (possibly only a form of *M. feredayae*)

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