

Lobospira bicuspidata
Areschoug

34.390

Techniques needed and plant shape



MACRO
PLANT



Classification

Phylum: Phaeophyta; Family: Dictyotaceae; Tribe: Zonarieae

*Descriptive name

tiny horn-tips; §spiralled forkweed

Features

1. plants dark brown-black, of small, **2-horned** blades in a *spiral pattern* along cylindrical branches (axes)
2. **curled** tendrils at the base attaching often to other algae (*epiphytic*)

Variations

tips may have a single point

Special requirements

easily recognised because of its unique horned or 2-toothed tips

Occurrences

from southern W Australia to southern NSW, uncommon around Tasmania

Usual Habitat

on hard surfaces or other algae

Similar Species

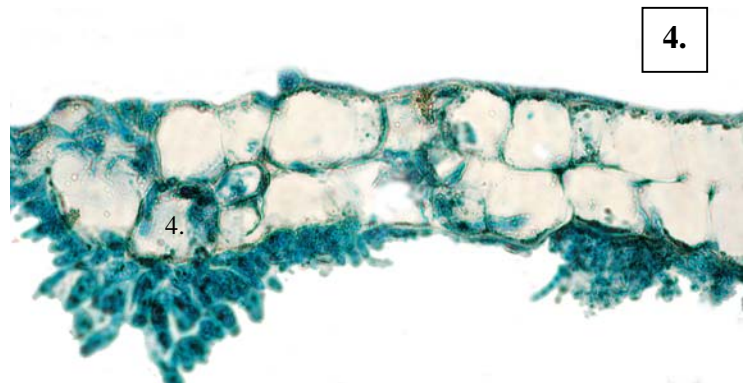
Description in the Benthic Flora Part II, pages 213-216

Details of Anatomy



Preserved (bleached) specimens of *Lobospira bicuspidata* (A70431) from Althorpe I., S Australia.

1. spiral arrangement of the blades
2. detail of two-horned tips of blades
3. tendrils and hooks from the plant base
4. cross section of a blade stained blue and viewed microscopically, showing the several irregular rows of cells (filaments on the blade surface belong to epiphytic microscopic organisms) (slide 5293)

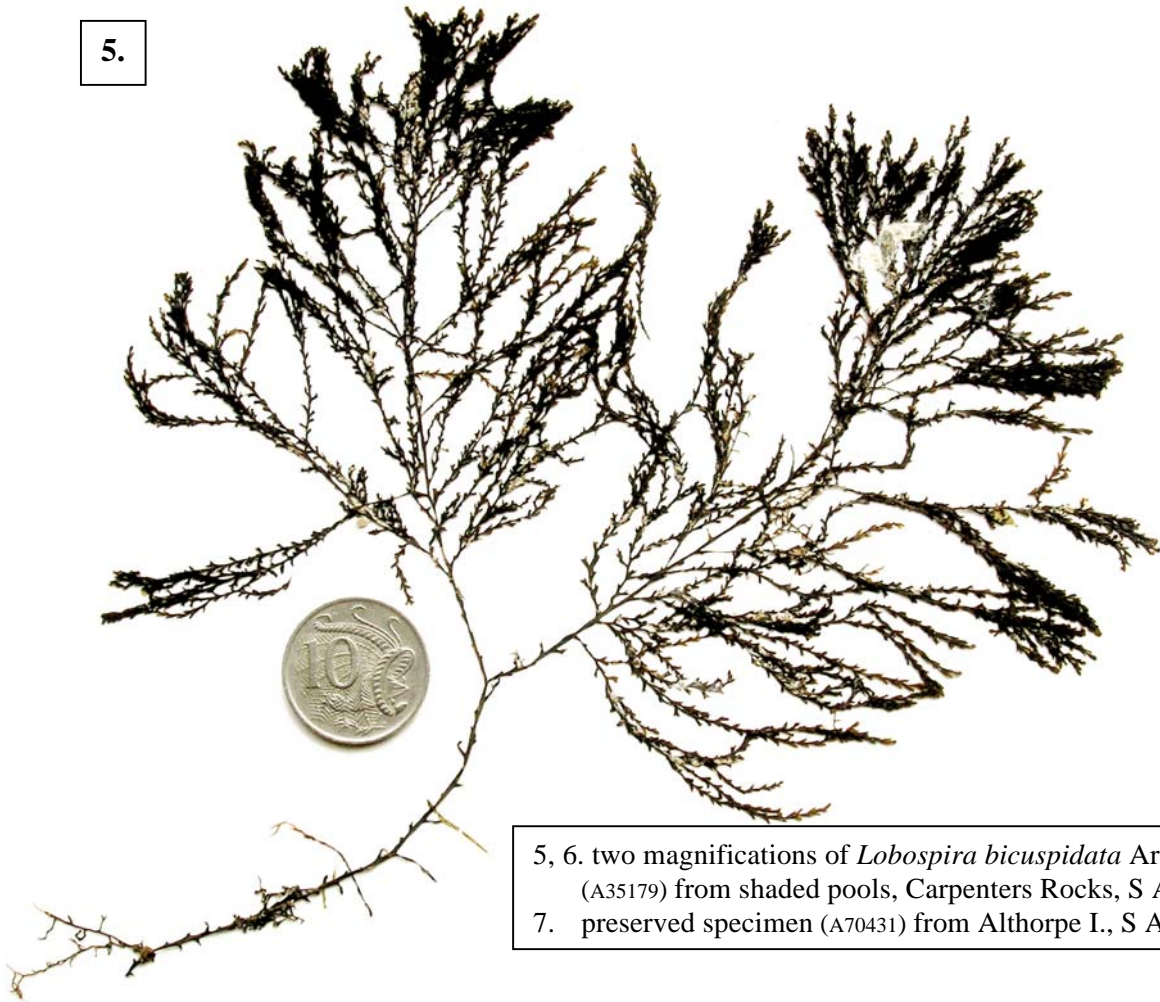


* Descriptive names are inventions to aid identification, and are not commonly used

§ name used in Edgar, G. *Australian Marine Life, 2nd Ed.* (2008)

“Algae Revealed” R N Baldock, S Australian State Herbarium, July 2003; correction and additions made August 2007

5.



5, 6. two magnifications of *Lobospira bicuspidata* Areschoug (A35179) from shaded pools, Carpenters Rocks, S Australia
 7. preserved specimen (A70431) from Althorpe I., S Australia

7.



6.



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