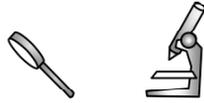
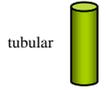


*Enteromorpha (Ulva) compressa*  
(Linnaeus) Greville

50.470



MACRO  
PLANT



Techniques needed

Classification

Phylum: Chlorophyta; Order: Ulvales; Family: Ulvaceae

\*Descriptive name

variable green ribbons; §baitweed

Features



plants green, 20-200mm long, of *either* a flat (**compressed**), narrow sheet with ruffled edges, *or* thin cylindrical (**terete**) ribbons usually much **branched** at the very base

Variations

“**compressed**” or “**terete**” forms, as above

Special requirements



view blades microscopically to see

1. threads are **hollow**, seen in some blades only at the **edges**
2. cells in **short** lines in upper parts of the blade, **un-ordered** in lower parts
3. chloroplasts with a **single** pyrenoid, 2 if just about to divide

Occurrences

throughout southern Australia

Usual Habitat

in shallow to deep waters

Similar Species

the **compressed form** is easily mistaken for *E. linza*, but does not have the prominent rows of cells of that species.

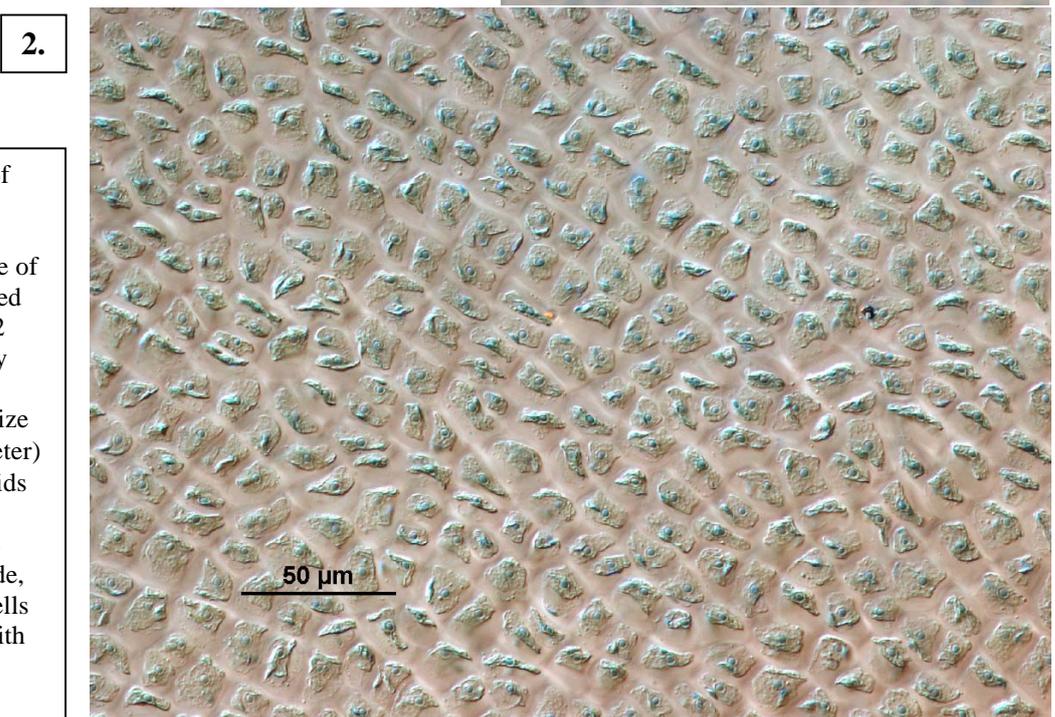
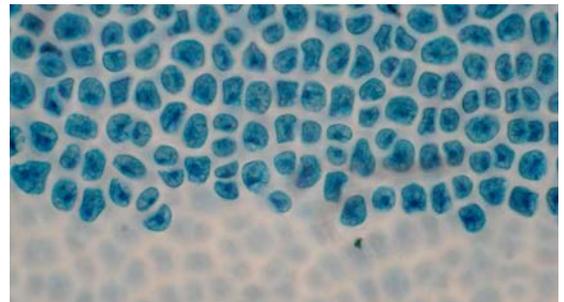
The **terete form** is similar to *E. intestinalis*, but that species is **unbranched**.



**Warning:** in some specimens of *E. compressa* the branches may have become detached from the plant base and so appear as single, unbranched plants

Description in the Benthic Flora Part I, pages 158-160

Details of Anatomy



Surface microscope views of *Enteromorpha (Ulva) compressa* stained blue

1. torn edge of a blade of a compressed/ruffled form showing the 2 separate but closely adhering layers of cells of moderate size (10-14μm in diameter) with single pyrenoids (slide 7540)
2. surface view of the upper part of a blade, showing lines of cells and chloroplasts with single pyrenoids (A51882 slide 7579)

\* Descriptive names are inventions to aid identification, and are not commonly used  
§name used by Edgar, G (2008) in Australian Marine Life (2<sup>nd</sup> ed.).

3.



4.



Forms of *Enteromorpha compressa* (Linnaeus) Greville from Rosetta Bay, Victor Harbor, S Australia  
3. compressed, ruffled form (A51248)  
4. slender form (A51252)

\* Descriptive names are inventions to aid identification, and are not commonly used.  
‡ name used by Edgar, G (2008) in Australian Marine Life (2<sup>nd</sup> ed.).