Prasiola stipitata
Suhr in Jessen

MICRO PLANT

foliose

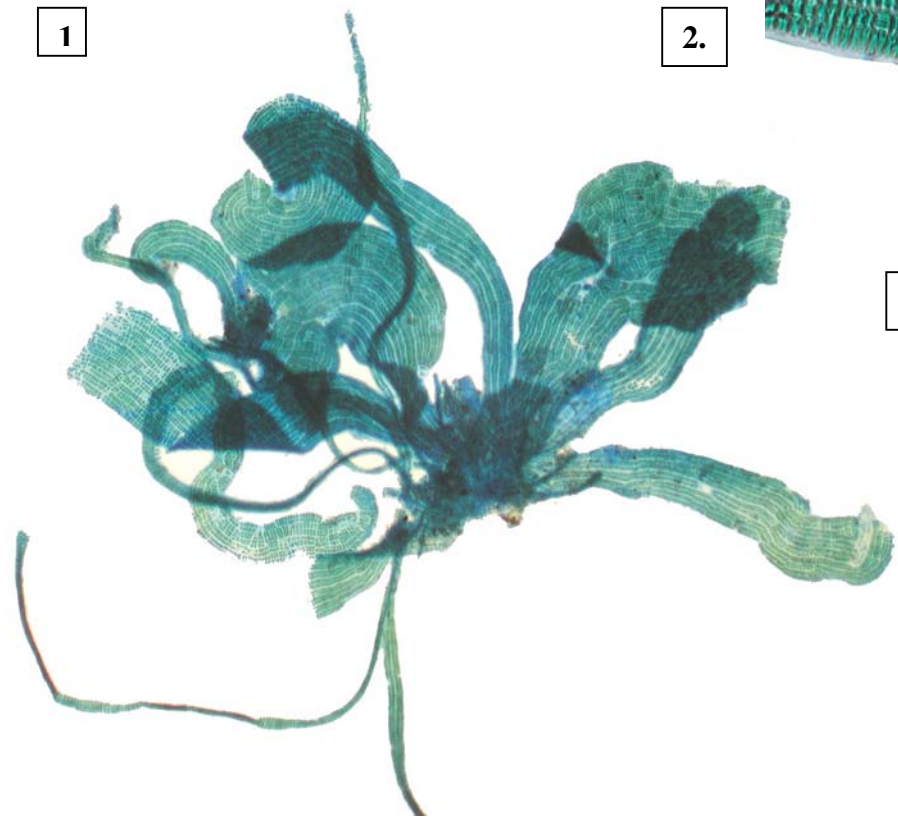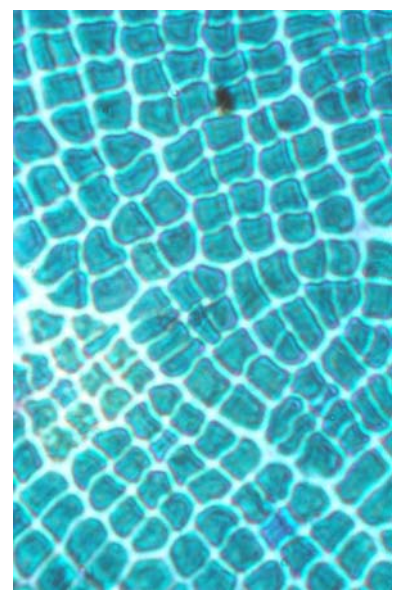|	
Techniques needed and plant shape	
Classification	Phylum: Chlorophyta; Order: Prasiolales; Family: Prasiolaceae
***Descriptive name**	stalked Guano-blades (referring to the shape and usual habitat in bird colonies)
Features	plants dark-green, of small *flat* blades (1-4mm long) on short *stalks*, forming dark, flakey coatings on rock *in bird colonies*
Variations	blades may be ruffled at the margins
Special requirements	1. view the small box-shaped cells in *packets* of 4 that run in lines 2. young blades may consist of single cell rows (uniseriate)
Occurrences	a cold-temperate species of N hemisphere, also Chile, New Zealand and in Victoria and Tasmania
Usual Habitat	on rock *in bird colonies*
Similar Species	large plants are similar to *Enteromorpha* or immature *Ulva*, or *Ulvaria* but the small cells are in characteristic groups or packets of 4 in *Prasiola*. Young (uniseriate) blades look like *Rosenvingiella* but that genus has cylindrical branches
Description in the Benthic Flora Details of Anatomy	Part I, pages 162,163,165

1

2.

3.

Prasiola stipitata (slide 071) stained blue and viewed microscopically at different magnifications
1. whole plant showing a cluster of blades about 1mm long and of different widths
2. young blades showing the rows and packets of cells characteristic of the genus
3. cell detail, showing the characteristic grouping into packets of 4

4.

5.

4. *Prasiola stipitata* Suhr *in* Jessen, (A53836), from Recherche Bay, W Australia, in a bird colony
5. surface view of a blade (slide 071) stained blue and viewed microscopically to show cells in groups of 4