**Techniques needed and plant shape**

**Classification**
Phylum: Chlorophyta; Order: Caulerpales; Family: Udoteaceae

*Descriptive name*
straw tufts

**Features**
1. plants green to dark green, 40-100mm tall, of coarse, sparsely branched threads
2. mature plants with a thickened wad at the base
3. threads even in thickness, *pinched* (constricted) where they branch

**Variations**
threads may be pinched (constricted) in several places, like a string of sausages

**Special requirements**
view the threads microscopically to see the *pinched* (constricted) sections above branches and the *lack of cross walls*, making the plant coenocytic

**Occurrences**
Elliston and Kangaroo I., S. Australia, N coast of Tasmanina and Victoria
**Usual Habitat**
uncommon, in shaded or deepwater habitats on rock

**Similar Species**
*Pseudocodium australasicum*, but that species has flat threads (filaments), branching in one flat surface, and no basal wad in mature plants

**Description in the Benthic Flora**
Part I, page 242-245

**Details of Anatomy**

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

“Algae Revealed” R N Baldock, S Australian State Herbarium, June 2005
A mature plant of *Chlorodesmis baculifera* (J. Agardh) Ducker (A67142) from Godfrey I., Guichen Bay, S. Australia with the matted, bulbous base (arrowed).