**Hymenena curdieana**
(Harvey) Kylin

**Techniques needed and shape**

**Classification**
Division: Rhodophyta; Family: Delesseriaceae; Tribe: Nitophylloideae
Group: Cryptopleura

*Descriptive name* a stalked Cellophane Plant

**Features**
plants 100-200mm tall, light to dark red-brown upper parts consist of flat blades 4-10mm wide, but narrower basally, branching alternately from blade *edges*; basal parts denuded to *stalks* and often smothered with *small blades*

**Special requirements**
view blades microscopically to find
1. a single row of dividing cells at blade edges
2. microscopic veins 2-5 cells wide, a characteristic of the species
3. in cross section, blades are 1-3 rows of cells thick

**Occurrences**
SE of S Australia

**Usual Habitat**
on rock, and common as drift plants

**Similar Species**
*Platyclinia crenulata* that also has fronds denuded at the base to stalks

**Description in the Benthic Flora** Part IIID, page 135-137

**Details of Anatomy**

1. surface view of a blade: vein (*v*), 4-5 cells wide (slide 11243)
2. blade edge: single row of dividing cells (arrowed) that continues the growth of the blade (slide 17817)
3. cross section: change from 1- to 3-cell layers thick moving from the edge to the midline of the blade (slide 17821)

* Hymenena curdieana stained blue and viewed microscopically

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

“Algae revealed”, R N Baldoek, State Herbarium S Australia, March 2003; additions August 2007; edited April 2014
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4. 5. two drift plants of *Hymenena curdieana* (Harvey) Kylin, A68087, from Port MacDonnell, S Australia