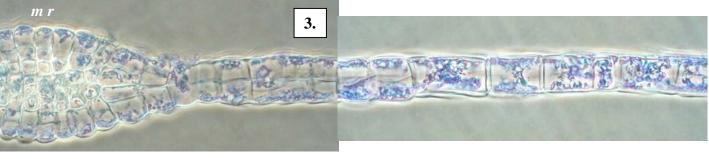


Description in the Benthic Flora Part II, pages 224-226

Details of Anatomy 1. 2. *mr* 3.



Dictyopteris gracilis stained blue and viewed microscopically:

- 1. blade tip recently divided, with forked midrib and apical depressions (arrowed) containing packets of dividing cells (meristems) (slide 9688)
- 2. detail of blade tip and meristem (me) in a slight depression, developing midrib (m r) and toothed blade margin (slide 9688)
- 3. composite cross section stained blue, showing up to 8 cell rows near the midrib (m r) and 1-2 cell rows in the blade wing (m r) and 1-2 cell rows in the blade



4. Dictyopteris gracilis Womersley (A38375), from 11m deep, Investigator Strait, S. Australia