



Supplemental Figure 2. *Leiosporoceros dusii*. Cross section light micrograph of a sporophyte with a large collapse stoma over a substomatal cavity (*) that connects to a system of intercellular air-filled spaces (**). Other than those near substomatal cavities that are dying (arrows), assimilative cells are photosynthetic as evidenced by large chloroplasts (p). The spore tetrads (t) and pseudoe-laters (pe) are developed and are bathed in mucilage (m). Bar=50 μ m.