



Sematophyllum subpinnatum

a, branch leaves. **b**, perichaetial leaf. **c**, apical cells of branch leaf. **d**, mid-laminal cells of branch leaf. **e**, alar region. **f**, peristome: endostome basal membrane with segment (left), exostome tooth (right). **g**, gametophyte and sporophyte attached. **h**, spores. **i**, exothecial cells [i, W.B. Schofield 90128 (NSW); a–h, W.B. Schofield 90094 (NSW)]. Scales: 1 mm for habit, leaves, capsules; 50 microns for spores; 100 microns for cellular drawings including peristome. Drawings by L.Elkan & H.P.Ramsay. Reproduced from H.P.Ramsay, W.B.Schofield & B.C.Tan, *J. Hattori Bot. Lab.* 90: 27, fig. 14 (2002).