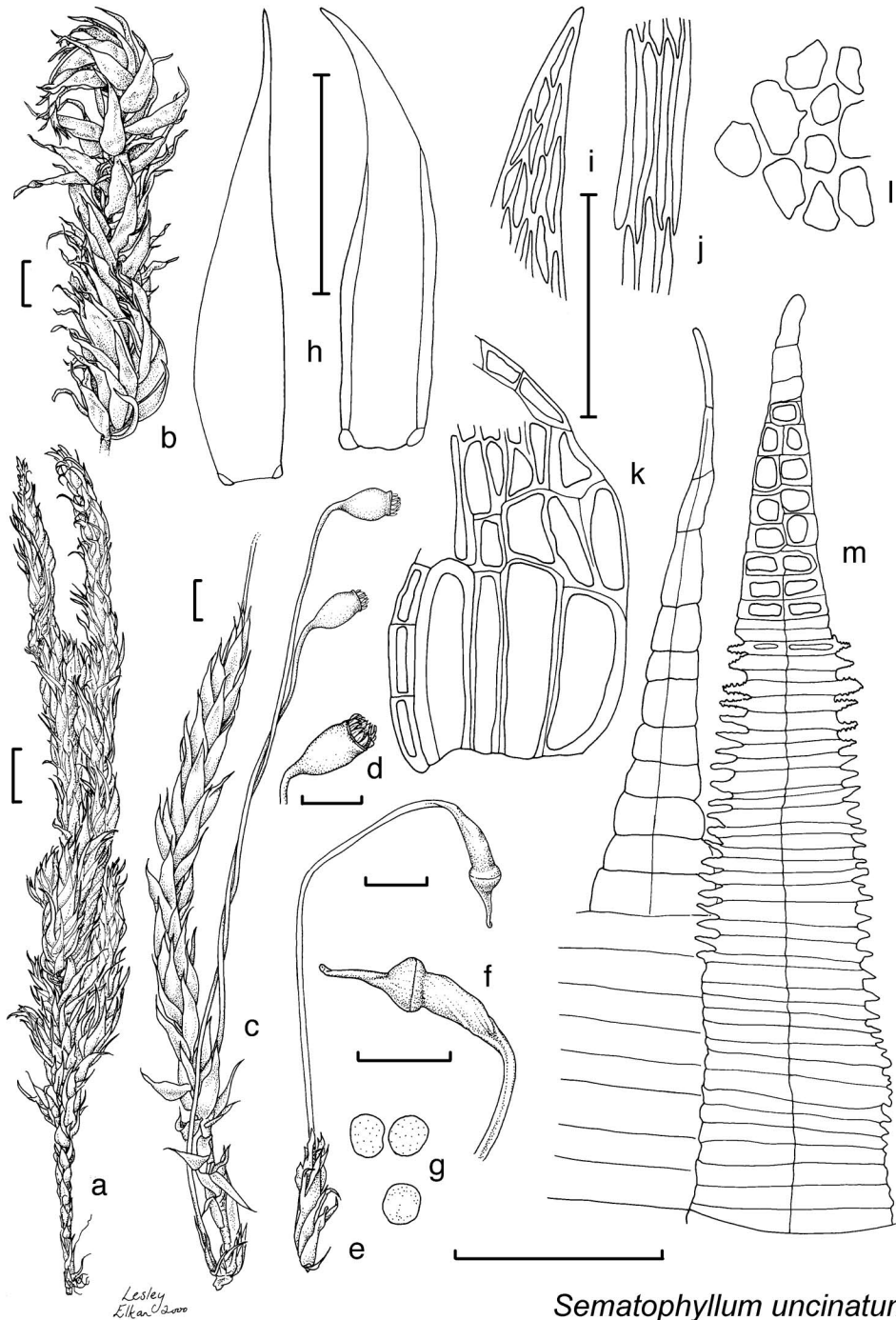




Sematophyllum uncinatum

a, sterile gametophyte. **b**, stem apex (enlarged) see below **c**, gametophyte and sporophytes. **d**, capsule showing peristome. **e**, perichaetial leaves, seta and capsule. **f**, capsule with operculum. **g**, spores. **h**, leaves. **i**, apical leaf cells. **j**, mid-laminal cells. **k**, alar region. **l**, exothelial cells. **m**, peristome: endostome, basal membrane with segment (left), exostome tooth (right) [a, W.B.Schofield 19062 (NSW); b–m, A.V.Ratkowsky H432 (HO)]. Scales: 2 mm for stem apex (b), 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: 44, fig. 22 (2002).