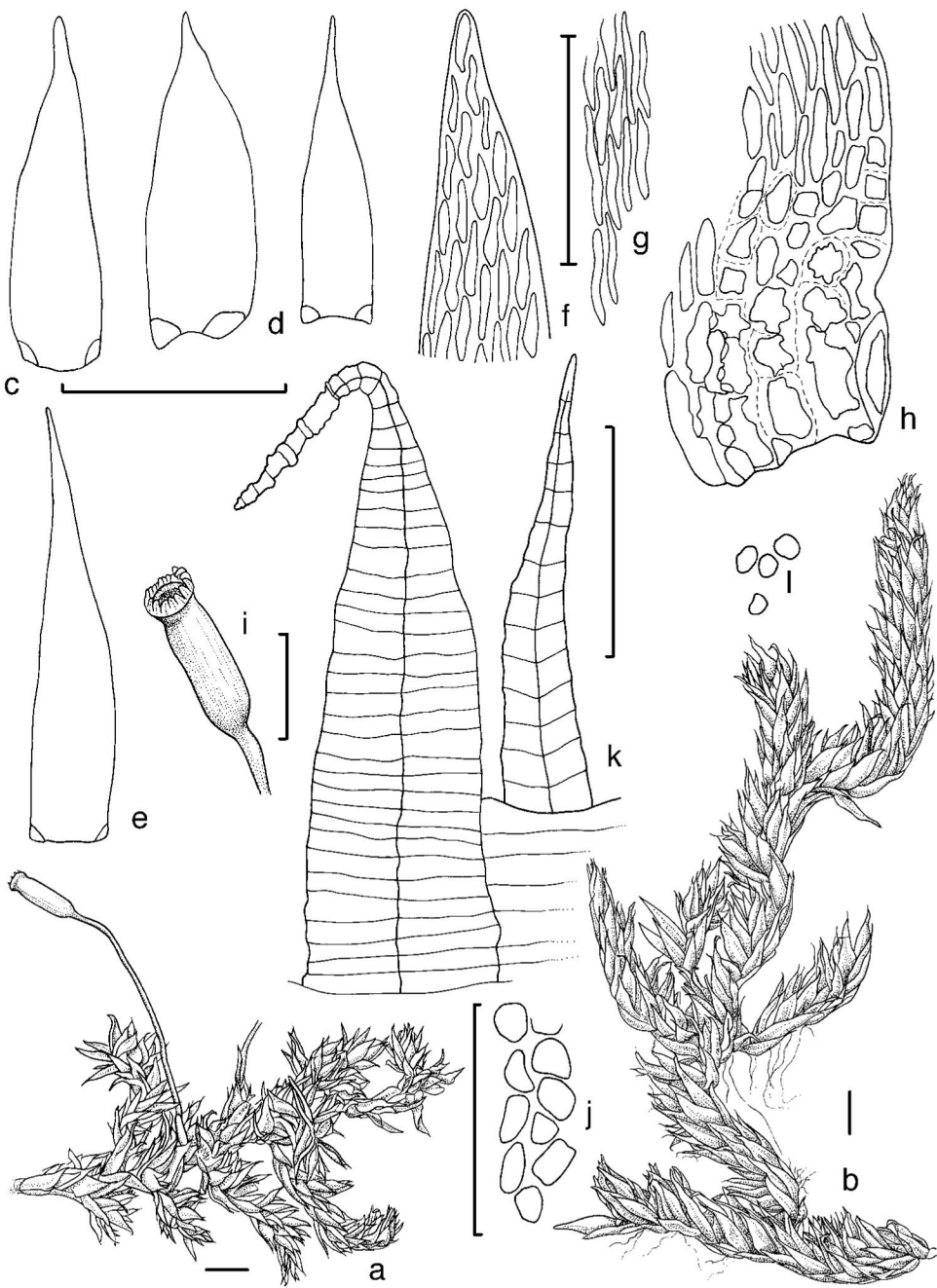




Sematophyllum homomallum

a, habit of gametophyte and sporophyte. **b**, a larger sterile plant. **c**, leaf from isotype. **d**, branch leaves. **e**, inner perichaetial leaf. **f**, apical cells of branch leaf. **g**, mid-laminal cells of branch leaf. **h**, alar region of branch leaf. **i**, capsule with peristome. **j**, exothecial cells. **k**, peristome: exostome tooth (left), endostome basal membrane with segment (right). **l**, spores [a, d, f–h, k, l, *W.A.Weymouth* 866 (HO); b, *P.J.Staer* s.n. (NSW); d, e, *H.T.Clifford* s.n. (MEL); c, *L.Preiss* 2465 (MEL)]. 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: 30, fig. 15 (2002).