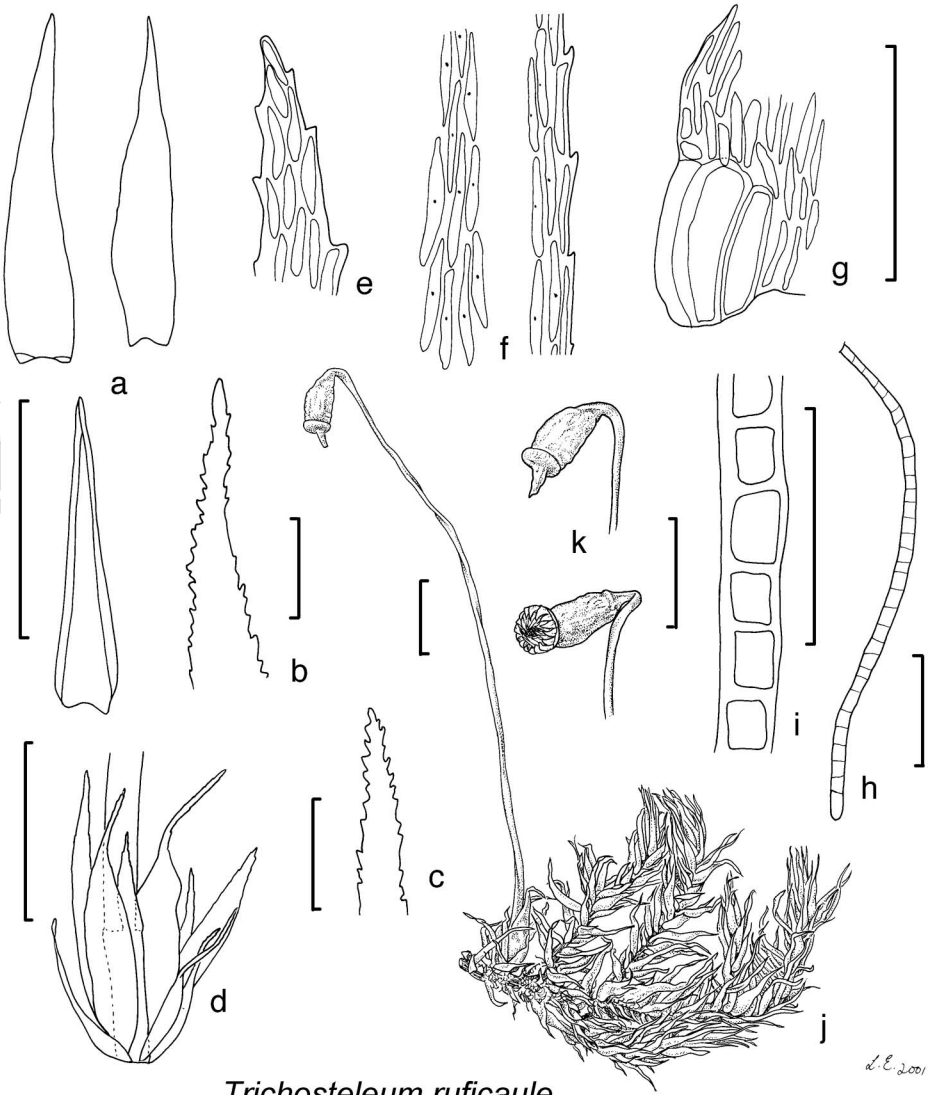




Trichosteleum ruficaule

a, leaves. **b**, branch leaf apex with marginal serration. **c**, apex of perichaetial leaf showing marginal serration. **d**, perichaetium. **e**, apical leaf cells. **f**, mid-laminal and marginal cells. **g**, alar region. **h**, filamentous gemma. **i**, enlarged cells of gemma. **j**, gametophyte and sporophyte. **k**, capsules, with operculum (above), and showing peristome teeth (below) [a–d, h–k, *W.W.Watts* Q382 (NSW) [as *T. elegantulum*]; e–g, *H.Streimann* 29988 (CANB)]. Scales: 1 mm for habit, leaves, capsules and gemmae; 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.* 95: 46, fig. 19 (2004).