



### Gemmabryum.

**A–G**, *G. clavatum*. A, Habit with sporophyte; B, Leaf; C, Cells at leaf apex; D, Mid-laminal cells; E, Basal laminal cells; F, Gemma (rhizoidal tuber) (A–F, J.R.Spence 4518, NSW); G, Peristome: exostome (left) and endostome (right) (H.P.Ramsay 32/77, NSW).

**H–O**, *G. crassum*. H, Habit with sporophyte; I, Capsule with operculum; J, Mouth of capsule with peristome teeth (H–J, W.W.Watts, NSW); K, Leaf; L, Cells at leaf apex; M, Marginal cells; N, Mid-laminal cells; O, Basal laminal cells (K–O, I.G.Stone 3441, MEL).

**P–W**, *G. laevigatum*. P, Habit: sterile (right) and with sporophyte (left); Q, Leaf; R, Cells at leaf apex; S, Mid-laminal cells; T, Basal laminal cells; U, Gemma (axillary bulbil) (O–U, I.G.Stone 3177, MEL); V, exostome; W, endostome (V, W, H.P.Ramsay R1637, NSW).

Scale bars: 1 mm for habit; 0.5 mm for leaves, 100  $\mu$ m for cellular drawings. Drawn by L.Elkan