



### Zygodon.

**A–I, *Z. obtusifolius*.** A, Dry plant with mature capsule; B, Stem leaf; C, Perichaetial leaf; D, T.S. of leaf (S.Berggren 1029, C); E, Upper laminal cells; F, Basal laminal cells; G, Gemmae; H, Capsule with calyptra; I, Capsule with operculum (A–D, E–I, Bay of Islands, N.Z., 1841, C).

**J–Q, *Z. minutus*.** J, Dry male plant (right) and female plant with capsule (Hodgson, Musci N.Z. Exicc. 21, BM); K, Perichaetial leaf; L, Stem leaf (J (right), K, L, Moore 605, CHR); M, T.S. of leaf; N, Upper laminal cells; O, Basal laminal cells (M–O, J.Lewinsky 1901, C); P, Capsule with peristome (J.Beever s.n., CHR); Q, Gemmae (J.E.Beever et al. s.n., CHR).

**R–Z, *Z. gracillimus*.** R, Dry female plant bearing capsule (left; K.W.Allison 3466, CHR) and male plant (K.W.Allison 6734, CHR); S, T.S. of leaf (S.Berggren 2343, WELT); T, Stem leaf; U, Perichaetial leaf (both K.W.Allison 3472, CHR); V, Upper laminal cells (K.W.Allison 3466, CHR); W, Basal laminal cells (L.Rodway 106, H); X, Capsule with calyptra; Y, Capsule with operculum (both K.W.Allison 98, CHR); Z, Gemmae (K.W.Allison 6734, CHR).

**AA–FF, *Z. menziesii*.** AA, Plants bearing capsules (A.Fife 5086, CHR); BB, Stem leaves; CC, T.S. of leaf (both J.E.Beever, CHR 406735); DD, Basal laminal cells (J.Lewinsky 1930, C); EE, Gemmae (G.O.K.Sainsbury 5215, WELT); FF, Upper laminal cells (A.Fife 5086, CHR).

Scale bars: 1 mm for habit, capsules and leaves; 100 μm for cellular drawings. Drawn by D.Mackay