



Ulota.

A–K, *U. viridis* var. *viridis*. A, Habit (dry specimen) with capsules with opercula; B, Leaf; C, Perichaetial leaf; D, T.S. of vegetative leaf; E, Apical leaf cells; F, Midleaf cells; G, Marginal hyaline basal cells; H, Mid-basal cells; I, Capsule showing peristome; J, Calyptra; K, Spore (A, J, K, W.A.Weymouth 537a, HO; B–H, isotype, HO; I, J, J.A.Curnow 26043, HO).

L–V, *U. viridis* var. *dixonii*. L, Habit (dry specimen) with capsule and operculum; M, Leaf; N, Perichaetial leaf; O, T.S. of vegetative leaf; P, Apical leaf cells; Q, Mid-leaf cells; R, Marginal hyaline basal cells; S, Capsule without peristome; T, Capsule with peristome; U, Spore; V, Germinating spore; (L–V, isotype).

W–GG, *U. membranata*. W, Habit with an old empty capsule; X, Leaf; Y, T.S. of leaf; Z, Apical leaf cells; AA, Mid-leaf cells; BB, Marginal hyaline basal cells; CC, Mid-basal cells; DD, Capsule showing peristome; EE, Calyptra; FF, Multicellular spore; GG, Germinating spore (W, L.Rodway s.n., HO; X–GG, isotype, HO).

Scale bars: 1 mm for habit, calyptra, capsules and leaves; 100 µm for cellular drawings and FF; 50 µm for other spores. Drawn by D.Mackay and H.P.Ramsay.