



Brachymenium and Ptychostomum.

A–F, *Brachymenium nepalense*. A, Habit with sporophyte (dry specimen); B, Leaf; C, Mid-laminal cells; D, Cells at leaf apex; E, Basal laminal cells; F, Peristome, with short exostome tooth (left) and endostome reduced to basal membrane only, segments absent (right) (A–F, I.G.Stone 15718, MEL).

G–K, *Brachymenium lanceolatum*. G, Habit with sporophyte (dry specimen); H, Leaf; I, Capsule showing operculum and peristome; J, Mid-laminal cells; K, Basal laminal cells (G–K, holotype, re-drawn from Ochi (1970) p. 9, fig. 1).

L–R, *Ptychostomum altisetum*. L, Habit with sporophyte (dry specimen); M, Leaf; N, Cells at leaf apex; O, Mid-laminal cells; P, Marginal cells; Q, Basal laminal cells; R, Peristome (L–R, W.B.Schofield, NSW).

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