



Ptychostomum.

A–F, *P. angustifolium*. A, Habit with sporophyte (dry specimen); B, Peristome: exostome tooth (left); endostome basal membrane with cilia and segment (right); C, Leaf; D, Cells at leaf apex; E, Mid-leaf cells; F, Basal leaf cells (A–F, W.W.Watts 8625, NSW).

G–L, *P. creberrimum*. G, Habit with sporophyte (dry specimen); H, Leaf; I, Peristome; J, Cells at leaf apex; K, Mid-leaf cells; L, Basal leaf cells (G–L, H.T.Clifford s.n., MEL).

M–R, *P. cylindrothecium*. M, Habit with sporophyte (dry specimen); N, Peristome: endostome basal membrane with segment and cilia (left); exostome tooth (right); O, Leaf; P, Cells at leaf apex; Q, Mid-leaf cells; R, Basal leaf cells (M–R, H.B.Womersley s.n., AD).

S–Y, *P. pseudotriquetrum*. S, Habit with sporophyte (dry specimen) (F.Mueller s.n., MEL 25997); T, Capsule; U, Peristome: exostome tooth (left); endostome with high basal membrane, segment and cilia (right); V, Leaf; W, Upper laminal cells and apex; X, Mid-leaf cells; Y, Basal leaf cells (S–Y, D.G.Catcheside 54.66, AD).

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