

**Mosses**

Atrichum androgynum	Hypopterygium commutatum
Braithwaitea sulcata	H. filiculaeforme
Bryum billardieri	Leptostomum macrocarpum
Campylopus clavatus	Lopidium concinnum
Catagonium politum	Macromitrium gracile
Ceratodon purpureus	M. ?ligulare
Cladomnion ericoides	M. sp.
Dicnemon calycinum	Mnium rostratum
Dicranoloma dicarpum	Papillaria ambyacis
D. menziesii	P. crocea
Distichophyllum microcarpum	P. flavo-limbata
Eurhynchium praelongum	P. flexicaulis
Fissidens aspleniodes	Pogonatum subulatum
F. rigidulus	Pterygophyllum quadrifarum
Echinodium hispidulum	Rhacopilum convolutaceum
Holomitrium perichaetiale	Rhizogonium distichum
Homalia falcifolia	Rhizogonium novae-hollandiae
Hypnum chrysogaster	Sematophyllum jolliffii
H. cupressiforme	Thuidium furfurosum
Hypnodendron colensoi	T. laeviusculum
H. arcuatum	Trachyloma planifolium
	Weymouthia cochlearifolia
	Wijkia extenuata

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QUEEN'S BIRTHDAY FINDS, 1983Lucy B. Moore

It takes a sharp and dedicated eye to spot a single leaf a centimetre long on a bush track. That is what Bruce Irwin achieved on 4 June on the Mt Auckland (Atuanui) Walkway. It was on an obliquely leaning taraire trunk about 25 cm through and a couple of metres above ground level. This one leaf alone would have been enough evidence for a record of Bulbophyllum tuberculatum but in addition there was, further round on the bark, a nice tight little clump of bulbils, a few of them with leaf blades.

These days it pays to look at every Tmesipteris plant to see which of our four species it belongs to. Within a stretch of fifty metres or so, still on Mt Auckland, we found three different ones: T. tannensis with only one brown synangium showing the typical narrow end lifted well away from the sporophyll; T. lanceolata as a few short, flattish, shiny fronds with rounded (testicular) synangia, pale green and more or less hidden amongst the leaves; T. elongata, fronds to 25 cm long with narrow tapering extremities full of young pale testicular synangia.

The find next day, at Tawharanui Regional Park, was Psilotum nudum, a sturdy little plant at about eye level, growing out from a cleft in an old dry puriri trunk, in full light. The yellow tips carried even brighter golden synangia.