

Mosses

Atrichum androgynum
 Braithwaitea sulcata
 Bryum billardieri
 Campylopus clavatus
 Catagonium politum
 Ceratodon purpureus
 Cladomnion ericoides
 Dicnemon calycinum
 Dicranoloma dicarpum
 D. menziesii
 Distichophyllum microcarpum
 Eurhynchium praelongum
 Fissidens aspleniodes
 F. rigidulus
 Echinodium hispidulum
 Holomitrium perichaetiale
 Homalia falcifolia
 Hypnum chrysogaster
 H. cupressiforme
 Hypnodendron colensoi
 H. arcuatum

Hypopterygium commutatum
 H. filiculaeforme
 Leptostomum macrocarpum
 Lopidium concinnum
 Macromitrium gracile
 M. ?ligulare
 M. sp.
 Mnium rostratum
 Papillaria ambyacis
 P. crocea
 P. flavo-limbata
 P. flexicaulis
 Pogonatum subulatum
 Pterygophyllum quadrifarium
 Rhacopilum convolutaceum
 Rhizogonium distichum
 Rhizogonium novae-hollandiae
 Sematophyllum jolliffii
 Thuidium furfurosum
 T. laeviusculum
 Trachyloma planifolium
 Weymouthia cochlearifolia
 Wijkia extenuata

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QUEEN'S BIRTHDAY FINDS, 1983

Lucy 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.