

Checklist of indigenous vascular plants seen at: Lowe's Bush

Grid Ref:

Altitude m.asl

Visited: 01.08.99, T.Silbery, A. Rebergen

Time on site: 4½ hours

RARE PLANTS ONLY (as listed on Wellington database)

LIST #

Site description:

Flat, very swampy regenerating kahikatea and pukatea dominant forest on floodplain, but also possibly with spring fed water supply. Alluvial soil is very rich. The ecology of the site is driven by water, both water depth and the length of time there is standing water at any one place. It is a patchwork of various swamp vegetation types from raupo dominant (not visited) to forest. Only some 10% of the site was covered. The finding of new populations of the critically endangered herb *Mazus novaezealandiae* subsp. *novaezeelandiae* is significant.

Search effort

Recce

Moderate

Thorough

Nomenclature generally follows Indigenous Higher Plants of New Zealand, 8th revision, 1992 by A.P. Druce

* indicates species listed on the Wellington Conservancy plant database

(unc) = uncommon, one or few plants seen.

Gymnosperm trees and shrubs

Dacrycarpus dacrydioides *

Podocarpus totara *

Monocotyledonous trees and shrubs

Cordyline australis *

Dicotyledonous trees and shrubs

Coprosma rigida *
Coprosma tenuicaulis *
Elaeocarpus hookerianus * (unc)
Korthalsella lindsayii *
Lophomyrtus obcordata *
Melicope simplex *
Melicytus micranthus *
Nestegis cunninghamii *
Olearia virgata *
Pittosporum tenuifolium * (unc)
Syzygium maire *

Monocotyledonous lianes

Dicotyledonous lianes and related trailing plants

Muehlenbeckia australis *

Psilopsids, Lycopods and Quillworts

Ferns

Azolla filiculoides var. rubra *

Monocotyledonous herbs:

Orchids

Grasses

Sedges

Carex secta *
Carex virgata *

Rushes and allied plants

Monocotyledonous herbs other than orchids, grasses, sedges, rushes and allied plants

Dicotyledonous herbs - composites

Dicotyledonous herbs other than composites

Mazus novaezeelandiae ssp. novaezeelandiae *