

Checklist of indigenous vascular plants seen at: Mount Mabel Station, Makara river

Grid Ref: S28 155 780

Altitude 200m.asl

Visited: 19.03.2000, T. Silbery, P. Enright, A. Rebergen

Time on site: 4hrs

LIST # 41

Site description: Hillside and terrace forest on calcareous siltstones and mudstones. The predominant tree is black beech (*Nothofagus solandri* ssp. *solandri*) with scattered podocarps and hardwood trees. The understorey is predominantly composed of divaricate species, with *Raukaua anomalus* particularly conspicuous. Stock graze the area and at the time of this visit there was much animal sign evident in the forest. In the part of the site most often grazed the ground cover is reduced to exotic grasses. On the margins of the black beech forest there is a band of divaricate species and manuka up to 6m in height, while in the forest there are occurrences of *Pseudowintera colorata* and *Olearia rani* var. *colorata*, both apparently unusual for this climatic zone. Overall, the extremes of wind are the dominant factor in this forest, resulting in an extremely dense understorey on those parts most exposed to the north and west. The site would merit a return when ground orchids are in flower

Carex divulsa was present, but not common.

Significant or unusual plants/associations:

Olearia rani var. *colorata* and *Pseudowintera colorata*, along with perching orchids, usually indicative of high rainfall areas.

The liverwort *Targionia*, often an associate of the Jersey fern *Anogramma leptophylla* was present on part of the riverbank, though the time of the visit was outside the period that this fern is visible.

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

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Dacrycarpus dacrydioides *
Dacrydium cupressinum
Podocarpus totara *
Prumnopitys ferruginea (unc)
Prumnopitys taxifolia

Monocotyledonous trees and shrubs

Cordyline australis *

Dicotyledonous trees and shrubs

Alectryon excelsus var. excelsus
Aristotelia serrata
Brachyglottis repanda
Carmichaelia australis
Carpodetus serratus
Coprosma areolata
Coprosma crassifolia
Coprosma grandifolia (unc)
Coprosma microcarpa
Coprosma propinqua ssp. propinqua
Coprosma rhamnoides
Coprosma rigida *
Coprosma robusta
Coprosma rotundifolia
Coprosma robusta x C. propinqua
Coriaria arborea
"Cyathodes juniperina E"
Elaeocarpus dentatus
Elaeocarpus hookerianus
Gaultheria antipoda
Griselinia littoralis (unc)
Hebe stricta var. atkinsonii
Hedycarya arborea (unc)
Helichrysum lanceolatum var. aggregatum
Hoheria sexstylosa
Knightia excelsa (unc)
Kunzea ericoides agg.
Laurelia novae-zelandiae
Leptospermum scoparium
Leucopogon fasciculatus var.
Lophomyrtus obcordata *
Melicope simplex *
Melicytus micranthus *
Melicytus ramiflorus
Myrsine australis
Neomyrtus pedunculata *
Nestegis cunninghamii *
Nestegis lanceolata

Nestegis montana *
Nothofagus fusca
Nothofagus solandri var. solandri
Nothofagus fusca
Olearia paniculata
Olearia rani var. colorata
Ozothamnus leptophyllus ssp. leptophyllus
Pennantia corymbosa
Pittosporum eugenioides
Pittosporum tenuifolium ssp. tenuifolium*
Pseudopanax arboreus
Pseudopanax crassifolius
Pseudowintera colorata (unc)
Raukaua anomalus
Schefflera digitata (unc)
Sophora microphylla *
Streblus heterophyllus
Urtica ferox

Dicotyledonous lianes and related trailing plants

Clematis foetida (unc)
Clematis forsteri var.
Clematis paniculata
Metrosideros colensoi
Metrosideros diffusa
Muehlenbeckia australis *
Parsonsia capsularis
Parsonsia heterophylla
Rubus australis (unc)
Rubus cissoides var. cissoides
Rubus schmidelioides var.

Ferns

Adiantum cunninghamii
Asplenium bulbiferum
Asplenium flabellifolium agg.
Asplenium flaccidum
Asplenium hookerianum
Asplenium oblongifolium
Asplenium polyodon
"Asplenium gracillimum"
Blechnum chambersii
Blechnum colensoi
Blechnum discolor
Blechnum fluviatile agg.
Blechnum novae-zelandiae var. novae-zelandiae
Blechnum pennamarina
Blechnum procerum (unc)
Blechnum triangularifolium *

Ctenopteris heterophylla
Cyathea dealbata (unc)
Grammitis ciliata
Histiopteris incisa
Hymenophyllum demissum
Hymenophyllum rarum
Hymenophyllum sanguinolentum agg.
Hymenophyllum scabrum (unc)
Hypolepis ambigua
Lastreopsis glabella
Lastreopsis velutina (unc)
Leptopteris hymenophylloides
Microsorium pustulatum
Ophioglossum lusitanicum agg. (O. coriaceum)
Paesia scaberula
Pellaea rotundifolia
Pneumatopteris pennigera
Polystichum silvaticum
"Polystichum Deep Purple"
Pteridium esculentum
Pyrrosia eleagnifolia

Monocotyledonous herbs:

Orchids

Caladenia sp
Corybas macranthus (unc)
Corybas trilobus
Earina autumnalis
Earina mucronata
Microtis unifolia
Thelymitra longifolia

Grasses

Cortaderia fulvida
Deyeuxia avenoides
Dichelachne crinata
Echinopogon ovatus
Poa anceps ssp. anceps
Poa pusilla
Rytidosperma gracile

Sedges

Carex dissita
Carex geminata
Carex solandri
"Carex geminata large"
Cyperus ustulatus
Eleocharis acuta

Isolepis pottsii
Isolepis reticularis
Uncinia rupestris
Uncinia scabra
Uncinia uncinata

Rushes and allied plants

Juncus australis
Juncus gregiflorus
Juncus sarophorus
Luzula picta

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

Collospermum hastatum
Dianella nigra
Lemna sp. ("L. minor NZ" of Druce)
Libertia grandiflora (unc)
Potamogeton cheesemanii

Dicotyledonous herbs - composites

Anaphalioides trinervis (inc Anaphalis keriensis)
Craspedia uniflora var.
Euchiton audax (= Gnaphalium audax) (unc)
Euchiton gymnocephalus (= Gnaphalium gymnocephalum)
Helichrysum filicaule
Lagenifera pumila
Lagenifera strangulata
Pseudognaphalium luteoalbum
Raoulia australis (near river only)
Senecio glomeratus
Senecio minimus
Senecio quadridentatus

Dicotyledonous herbs other than composites

Acaena anserinifolia
Australina pusilla
Cardamine sp.
Centella uniflora
Daucus glochidiatus*
Dichondra brevifolia
Epilobium nummularifolium
Galium propinquum
Hydrocotyle elongata

Hydrocotyle moschata

Hydrocotyle novae-zelandiae *
Hypericum japonicum (unc)
Myriophyllum propinquum
Nertera depressa
Oxalis exilis
Oxalis magellanica
Plantago raoulii
Pratia angulata agg.
Ranunculus reflexus
Schizeilema trifoliolatum
Stellaria decipiens
Urtica incisa

Birds:

Fantail
Harrier
Morepork