

Orchids on
dbase ✓

ERINGA ROAD BUSH (2207) (130m a.s.l.)
NZMS 260 S27 296015 EW
Indigenous Vascular Plants

Tony Silbery, Pat Enright 16/5/99
unc = uncommon

Site description:

This site belongs to Donald McKay and is in an East-West valley extending part way up the steep slopes on the true right. The valley floor is flat and an incised stream meanders through the bush and provides a haven on its steep sides for some of the more palatable plant species. The hillslopes to the North rise abruptly from the valley floor and the vegetation changes quickly and peters out to leave isolated totara (*Podocarpus totara*), ngaio (*Myoporum laetum*) and kanuka (*Kunzea ericoides*) / manuka (*Leptospermum scoparium*) stands on the ridges and more commonly in the gullies.

The area is mainly closed forest with a predominance of titoki (*Alectryon excelsus* var. *excelsus*) and emergent kahikatea (*Dacrycarpus dacrydioides*), matai (*Prumnopitys taxifolia*) and totara (both *Podocarpus totara* and *Podocarpus hallii*). There are scattered specimens of kowhai (*Sophora microphylla*), rewarewa (*Knightia excelsa*), miro (*Prumnopitys ferruginea*) and the three maire species. The forest edges and clearings have an interesting shrub community with coprosma species, small leaved mahoe (*Melicope micranthus*), *Raukaua anomalus*, weeping matipo (*Myrsine divaricata*) and *Melicope simplex*. The small mistletoe, *Korthosella lindsayi* was noted on both the melicope and the weeping matipo. Under the main forest little grew apart from some small area of ferns.

For an area of bush that is grazed there is quite rich sedge and grass flora even though some species are represented by single small populations. The steep sides of the stream provide the only place where the larger carex and uncinia species can grow in safety. The ferns have fared less well but with protection would soon make a good recovery.

The whole valley floor has depressions and runoff areas leading to the main stream which provide suitable habitats for the plants that like it a bit wetter. In a depression below the northern slopes a dock (*Rumex flexuosus*?) was noted and a return to obtain a flowering/fruiting specimen should be made for positive identification.

Other plants of note were the maidenhair fern *Adiantum diaphanum* and the occasionally seen *Diplazium australe*.

There is not a great weed problem at the moment but a couple of patches of wandering willie (*Tradescantia fluminensis*) and old mans beard (*Clematis vitelba*) were noted and should be dealt to before they spread. Jerusalem cherry (*Solanum pseudocapsicum*) is

quite widespread and would require quite a bit of weeding out. There was also a bit of the waterweed *Potamogeton crispus* growing in the stream at the eastern end.

In summary this is a very nice bush area that contains a number of local rarities and good variety sedges and grasses. It is in good health but regeneration of the major tree species is almost non-existent however protection from grazing and possum control would greatly enhance the future viability of the area.

The survey took 6 hours and would be classed as thorough although a future visit to look at the orchid flora should be made in the spring or early summer

Gymnosperm trees and shrubs

Dacrycarpus dacrydioides	Kahikatea
Podocarpus hallii	Halls totara
Podocarpus totara	Totara
Prumnopitys ferruginea (unc)	Miro
Prumnopitys taxifolia	Matai

Monocotyledonous trees and shrubs

Cordyline australis	cabbage tree
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Dicotyledonous trees and shrubs

Alectryon excelsus var. excelsus	Titoki
Brachyglottis repanda	Rangiora
Carmichaelia australis	Native broom
Carpodetus serratus	Putaputaweta,
marbleleaf	
Coprosma areolata	
Coprosma crassifolia	
Coprosma propinqua subsp. propinqua	
Coprosma rhamnoides	
Coprosma rigida	
Coprosma robusta	Karamu
Coprosma rotundifolia	
Coprosma rubra	
Coprosma propinqua x C. robusta	
Cyathodes juniperina (unc)	
Elaeocarpus dentatus	Hinau
Geniostoma rupestre	Hangehange
Hebe stricta var. atkinsonii	Koromiko
Hedycarya arborea	Pigeonwood
Hoheria angustifolia (unc)	
Hoheria sexstylosa	
Knightia excelsa (unc)	Rewarewa

Korthosella lindsayi	Mistletoe
Kunzea ericoides	Kanuka
Leptospermum scoparium	Manuka
Leucopogon fasciculatus (unc)	
Lophomyrtus obcordata	
Macropiper excelsum var. excelsum	Kawakawa
Melicope simplex	
Melicytus micranthus	Small leaved mahoe
Melicytus ramiflorus subsp. ramiflorus	Mahoe
Myoporum laetum	Ngaio
Myrsine australis	Red Matipo
Myrsine divaricata	Weeping matipo
Nestegis cunninghamii	Black Maire
Nestegis lanceolata	White maire
Nestegis montana (unc)	Narrow leaved maire
Olearia rani var. colorata (unc)	Heketaro
Ozothamnus leptophyllus	
Pennantia corymbosa	Kaikomako
Pittosporum eugenioides	Tarata, lemonwood
Pittosporum tenuifolium	Kohuhu
Plagianthus regius	Ribbonwood
Pseudopanax crassifolius	Horoeka, lancewood
Raukaua anomalus	Whauwhaupaku
Schefflera digitata	Pate
Solanum aviculare	Poroporo
Sophora microphylla	Kowhai
Streblus heterophyllus	Turepo, milk tree

Monocotyledonous lianes

Ripogonum scandens	Supplejack
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Dicotyledonous lianes and related trailing plants

Calystegia tuguriorum	Native convolvulus
Clematis foetida	
Clematis paniculata (unc)	Puawananga
Metrosideros colensoi	
Metrosideros diffusa	
Metrosideros perforata	
Muehlenbeckia australis	Pohuehue
Muehlenbeckia complexa	
Parsonsia capsularis	
Parsonsia heterophylla	Akakiore
Passiflora tetrandra	Passion vine
Rubus cissoides	
Rubus schmidelioides	

Psilopods, Lycopods and Quillworts

Ferns

Adiantum cunninghamii	Maidenhair fern
Adiantum diaphanum	
Asplenium bulbiferum	Manamana, Hen and
Chicken fern	
Asplenium flabellifolium	
Asplenium flaccidum ss spleenwort	Makawe, Hanging
Asplenium gracillimum	
Asplenium hookerianum	
Asplenium oblongifolium	Huruhuruwhenua,
Shining spleenwort	
Asplenium polyodon (unc) spleenwort	Petako, Sickle
Blechnum chambersii	Nini
Blechnum discolor (unc)	
Blechnum fluviatile	Kiwakiwa
Blechnum membranaceum	
Cyathea dealbata	Ponga, Silver fern
Diplazium australe	
Hypolepis ambigua	
Lastreopsis glabella	
Leptopteris hymenophylloides (unc) fern	Heruheru, Single crepe
Pellaea rotundifolia	
Phymatosorus pustulatus (unc)	(P. diversifolium) Tarawera
Pneumatopteris pennigera	
Polystichum richardii	Pikopiko
Pteris tremula	
Pyrrhosia eleagnifolia	Ota, Leather-leaf fern

Orchids

Earina autumnalis ✓	Raupeka
Earina mucronata ✓	Pekaawaka

Grasses

Echinopogon ovatus
Microlaena polynoda (unc)
Microlaena stipoides
Poa anceps subsp. anceps
Poa imbecilla
Rytidosperma unarede

Sedges

Carex dissita
Carex flagellifera
Carex geminata (large) (unc)
Carex forsteri (unc)
Carex inversa
Carex lambertiana
Carex solandri
Carex virgata
Uncinia laxiflora
Uncinia scabra
Uncinia uncinata

Watu, Hook grass

Rushes and allied plants

Juncus distegus
Juncus greffiflorus
Juncus sarophorus
Luzula picta

(J. polyanthemus)

Wiwi

Remaining Monocotyledonous plants

Arthropodium candidum
Astelia fragrans
Collospermum hastatum
Lemna minor

Kakaha

Daisy-like herbs (Composites)

Gnaphalium gymnocephalum
Senecio minimus (unc)

Fireweed

Dicotyledonous herbs other than Composites

Acaena anserinifolia
Australina pusilla
Cardamine sp. (C. debilis agg.) ("Long Style" of Pritchard 1957)
Cardamine sp. (C. debilis agg.) ("Narrow Petal" of Pritchard 1957)

Bidibidi

~~Daucus glochidiatus~~
Dichondra sp.
Epilobium nerteroides (unc)
Haloragis erecta
Hydrocotyle elongata
Hydrocotyle heteromeria
Hydrocotyle moschata
Hydrocotyle novae zelandiae
Oxalis exilis Yellow oxalis
Plantago raoulii
Pratia angulata
Ranunculus reflexus

Maruru,

hairy

buttercup

Rumex flexuosus (unc)
Stellaria decipiens
Urtica incisa
Wahlenbergia violacea

Birds:

Fantail
Grey warbler
Kingfisher
Magpie
Tui
Waxeye