

Orchid
on base ✓

Indigenous Vascular Plants at Whakarua, 10km East of Martinborough

TOPOMAP S27 266950 ~~W~~ E W .

Tony Silbery, Pat Enright 18/04/99

unc = uncommon

Site description:

This site is mainly kanuka (*Kunzea ericoides*) covering the true left of a steep sided gully with a number of small header valleys feeding into the main gully. The fossiliferous mudstone that covers this part of the Wairarapa is very prone to slumping and erosion which accounts for the very steep sides to some of the gullies. The gentler slopes in these header valleys provide some interesting boggy areas, which are now mainly filled with *Carex geminata*. The steep banks and some small pockets where the boggy areas drain into the main stream provide some interesting botanical variations to the main kanuka cover. As the site is grazed, the herbaceous species are present only where they are inaccessible to stock. The main valley runs almost N - S with most of the bush area facing East.

There are some large kowhai (*Sophora* sp.) and ngaio (*Myoporum laetum*) growing on the drier ridges. The main species of note were *Mazus novae zelandiae* subsp. *novae zelandiae* and the rasp fern (*Doodia media* subsp. *australis*). The mazus was forming a small patch is one of the small gully heads and appeared to be the remains of perhaps a much larger area which is now being colonised by *Carex geminata* which is crowding the mazus out. Tree ferns were represented by single specimens of *Cyathea medullaris* and *Dicksonia squarrosa*

Small patches of winter flowering greenhood orchid (*Pterostylis alobula*) were seen coming through mossy patches on some of the steep banks and a single small patch of the spider orchid (*Corybas micranthus*) was also noted.

Gymnosperm trees and shrubs

Podocarpus totara (unc) Totara

Monocotyledonous trees and shrubs

Cordyline australis cabbage tree

Dicotyledonous trees and shrubs

Brachyglottis repanda Rangiora
Carmichaelia australis
Carpodetus serratus Putaputaweta, marbleleaf
Coprosma areolata
Coprosma crassifolia
Coprosma linariifolia (unc)
Coprosma propinqua subsp. *propinqua*
Coprosma rhamnoides
Coprosma rigida
Coprosma robusta Karamu
Coprosma rubra (unc)
Coprosma propinqua x *C. robusta*
Fuchsia excorticata Kotukutuku
Hebe stricta var. *atkinsonii* Koromiko
Helichrysum aggregatum (unc)
Hoheria sexstylosa
Kunzea ericoides Kanuka
Leptospermum scoparium Manuka
Leucopogon fasciculatus
Melicytus ramiflorus subsp. *ramiflorus* Mahoe
Melicytus micranthus
Myoporum laetum Ngaio
Myrsine australis Red Matipo
Myrsine divaricata Weeping Matipo
Pittosporum tenuifolium Kohuhu
Pseudopanax arboreus
Pseudopanax crassifolius Horoeka, lancewood
Raukaua anomalus Whauwhaupaku
Schefflera digitata Pate
Sophora microphylla Kowhai
Sophora tetraptera (flowers with long keel, leaflets 13mm long) Kowhai

Monocotyledonous lianes

Dicotyledonous lianes and related trailing plants

<i>Calystegia tuguriorum</i>	
<i>Clematis foetida</i>	
<i>Clematis paniculata</i>	
<i>Muehlenbeckia australis</i>	Pohuehue
<i>Parsonsia capsularis</i>	
<i>Parsonsia heterophylla</i>	Akakiore
<i>Rubus schmidelioides</i>	

Psilopods, Lycopods and Quillworts

Ferns

<i>Adiantum cunninghamii</i>	Maidenhair fern
<i>Asplenium bulbiferum</i>	Manamana, Hen and Chicken fern
<i>Asplenium flabellifolium</i>	Necklace fern
<i>Asplenium flaccidum</i> ss	Makawe, Hanging spleenwort
<i>Asplenium hookerianum</i>	
<i>Blechnum chambersii</i>	
<i>Blechnum fluviatile</i>	Kiwakiwa
<i>Blechnum novaezealandiae</i> (unc) (both "minus" and "blackspot")	Kiokio
<i>Cyathea medullaris</i> (unc)	
<i>Dicksonia squarrosa</i> (unc)	
<i>Hypolepis ambigua</i>	
<i>Pellaea rotundifolia</i>	Tarawera
<i>Phymatosorus pustulatus</i>	(<i>P. diversifolium</i>)
<i>Pneumatopteris pennigera</i>	
<i>Polystichum richardii</i>	
<i>Pteris tremula</i>	
<i>Pyrrosia eleagnifolia</i>	

Orchids

<i>Corybas micranthus</i> (unc)
<i>Pterostylis alobula</i>

Grasses

<i>Echinopogon ovatus</i>
<i>Microlaena stipoides</i>
<i>Poa anceps</i> subsp. <i>anceps</i>
<i>Poa imbecilla</i>

Sedges

Carex breviculmis (unc)
Carex dissita
Carex geminata ss
Carex secta
Carex virgata
Uncinia leptostachya
Uncinia uncinata Watu, Hook grass

Rushes and allied plants

Juncus distegus
Juncus gregiflorus Wiwi
Juncus pallidus (unc)
Juncus sarophorus
Luzula picta (unc)

Remaining Monocotyledonous plants

Phormium cookianum

Daisy-like herbs (Composites)

Craspedia minor
Gnaphalium audax (unc)
Gnaphalium gymnocephalum
Lagenifera pumila
Lagenifera strangulata
Pseudognaphalium luteoalbum

Dicotyledonous herbs other than Composites

Cardamine sp. (*C. debilis* agg.) ("Narrow Petal" of Pritchard 1957)
Daucus glochidiatus
Dichondra brevifolia agg.
Epilobium nerteroides
Epilobium nummulariifolium
Epilobium pedunculare
Geranium microphyllum
Haloragis erecta
Hydrocotyle heteromeria
Hydrocotyle moschata
Hydrocotyle novae-zelandiae
Lemna minor
Mazus novaezelandiae subsp novaezelandiae (unc)
Oxalis exilis Yellow oxalis
Plantago raoulii
Pratia angulata

Ranunculus reflexus (pp R. hirtus) Maruru, hairy buttercup
Wahlenbergia rupestris (unc)
Wahlenbergia violacea (unc)

Birds:

Fantail
Grey warbler
Kingfisher
Paradise duck

U:\data\lists\eastwai\