

**BUSH PATCH ON THE PROPERTY OF JAMIE STRANG
TOPOMAP S27 298065**

Indigenous Vascular Plants
East. Wairarapa

Pat Enright, Olaf John 26/11/98, 17/2/99

Pat Enright, Tony Silbery 30/5/99

* indicates a species seen only in the fenced area

unc = uncommon

Site description:

The bush at this site comprises three units. Two of the areas are rather sparse grazed areas and the other is a well-fenced area from which stock (except for a couple of deer) has been excluded for some time. Some milling of the larger podocarps has taken place but there are still some very large specimens remaining especially in the fenced area. There is a stream, which divides the areas with two on the true right (including the fenced area. There is a limestone outcrop on top of the hill on the true left but nothing peculiar to limestone except some dwarfing of the species was noted. Kowhai (*Sophora microphylla*) and Maire (*Nestegis* sps.) were found on the drier slopes with a more northerly aspect and Matai (*Prumnopitys taxifolia*) and Pukatea (*Laurelia novae zelandiae*) and other species that prefer a wetter environment were found in the fenced area.

Perhaps because of its more open nature, the unfenced areas had a good population of the small mistletoe *Korthosella lindsayi* that was found growing on at least 5 host species on the lower slopes. Preference was shown for *Coprosma crassifolia*. Another item of note was the occurrence of 3 species of *Nestegis* almost within touching distance of one another.

Other species of limited distribution found here are:

1. *Doodia media* ssp. *australis*. One small patch seen up near the limestone ridge.
2. *Adiantum diaphanum*. Several small patches in the grazed area and some much larger ones in the fenced area. This is the glabrous form, which seems prevalent in the Wairarapa (P. Brownsey pers. comm.)
3. *Microlaena polynoda*. Two small patches. One surviving in the grazed area.
4. *Olearia virgata*. One plant in the swampy area at the foot of the grazed area on the true left.
5. *Rubus squarrosus*. There are several plants of this "leafless lawyer" in the grazed area below the house facing the main road

The survey would be classed as medium with more time required in the fenced area. The history of grazing has left a paucity of sedges but regeneration was noted in the fenced area. There did not seem to be any possum control.

On b.l.

orchids on
dbase
✓

Gymnosperm trees and shrubs

Dacrycarpus dacrydioides	Kahikatea
Podocarpus totara	Totara
Prumnopitys taxifolia	Matai

Dicotyledonous trees and shrubs

Alectryon excelsus var. excelsus	Titoki
Aristotelia serrata (unc)	Wineberry
Beilschmiedia tawa	Tawa
* Brachyglottis repanda (unc)	Rangiora
Carmichaelia australis	
Carpodetus serratus	Putaputaweta,
marbleleaf	
Coprosma areolata	
Coprosma crassifolia	
* Coprosma linariifolia (unc)	
Coprosma propinqua subsp. propinqua	
Coprosma rhamnoides	
Coprosma rigida	
Coprosma rotundifolia	
Coprosma propinqua x C. robusta (unc)	
* Corokia cotoneaster (unc)	
Elaeocarpus dentatus	Hinau
Elaeocarpus hookerianus (unc)	Pokaka
Griselinia lucida	Puka
Hedycarya arborea	Pigeonwood
Hoheria sexstylosa	
Knightia excelsa	Rewarewa
Korthosella lindsayi	Mistletoe
Kunzea ericoides	Kanuka
* Laurelia novae zelandiae	Pukatea
Leptospermum scoparium	Manuka
Lophomyrtus obcordata	
* Macropiper excelsum var. excelsum	Kawakawa
Melicope simplex	
Melicytus ramiflorus subsp. ramiflorus	Mahoe
Melicytus micranthus	
Myoporum laetum	Ngaio
Myrsine australis	Red Matipo
Myrsine divaricata (unc)	Weeping Matipo
Neomyrtus pedunculatus (unc)	
Nestegis cunninghamii	Black Maire

Nestegis lanceolata	White maire
Nestegis montana (unc)	Narrow leaved
maire	
Olearia virgata (unc) (single plant in grazed area)	
Pennantia corymbosa	Kaikomako
Pittosporum eugenioides (unc)	Tarata,
lemonwood	
Plagianthus regius	Ribbonwood
Raukua anomalus	Whauwhaupaku
Pseudopanax arboreus (unc)	
Schefflera digitata	Pate
Sophora microphylla	Kowhai
Streblus heterophyllus	Turepo, milk
tree	
Urtica ferox	Tree nettle
<u>Monocotyledonous trees and shrubs</u>	
Cordyline australis (unc)	cabbage tree
<u>Monocotyledonous lianes</u>	
Ripogonum scandens	Supplejack
<u>Dicotyledonous lianes and related trailing plants</u>	
Calystegia tuguriorum	
Clematis foetida	
Metrosideros colensoi	
Metrosideros diffusa	
Metrosideros perforata	
Muehlenbeckia australis	Pohuehue
Muehlenbeckia complexa	
Parsonsia capsularis	
Parsonsia heterophylla	Akakiore
Rubus schmidelioides	
Rubus squarrosus	Leafless lawyer
Tetrapathea tetrandra	Passion vine
<u>Psilopods, Lycopods and Quillworts</u>	
<u>Ferns</u>	
* Adiantum cunninghamii	
Adiantum diaphanum	Maidenhair fern
* Arthropteris tenella	
Asplenium flabellifolium	Necklace fern
Asplenium flaccidum ss	Makawe,
Hanging spleenwort	

Asplenium gracillimum	
Asplenium hookerianum	
* Asplenium polyodon	Petako, Sickle
spleenwort	
Blechnum chambersii	
Blechnum fluviatile	Kiwakiwa
Blechnum membranaceum (unc)	
Cyathea dealbata	Ponga, Silver
fern	
Dicksonia fibrosa (unc)	
Doodia media (only in grazed area)	
Histiopteris incisa	
Hypolepis ambigua	
* Lastreopsis glabella	
Lastreopsis microsora	
Lastreopsis velutina	
Pellaea rotundifolia	Tarawera
Phymatosorus pustulatus	(P. diversifolium)
* Phymatosorus scandens	
Pneumatopteris pennigera	
Polystichum richardii	Pikopiko
Pteris macilenta	
Pteris tremula	
Pteridium esculentum	Bracken
Pyrrosia eleagnifolia	

Orchids

- * Corybas trilobus ✓
- * Corybas rivularis agg. ✓
- * Earina mucronata (unc) ✓
- * Pterostylis banksii ✓

Grasses

Echinopogon ovatus
Microlaena polynoda (unc)
Microlaena stipoides
Poa imbecilla

Sedges

Carex dissita
Carex secta
* Uncinia scabra (unc) Watu, Hook
grass

Rushes and allied plants

Juncus sarophorus

Remaining Monocotyledonous plants

Arthropodium candidum

Daisy-like herbs (Composites)

Gnaphalium gymnocephalum

Gnaphalium involucreatum

Dicotyledonous herbs other than Composites

Acaena anserinifolia

Bidibidi

Australina pusilla

Cardamine sp. (C. debilis agg.) ("Glossy Leaf" of Pritchard 1957)

Cardamine sp. (C. debilis agg.) ("Long Style" of Pritchard 1957) (unc)

Epilobium insulare

Galium propinquum

Hydrocotyle elongata

Hydrocotyle heteromeria

Hydrocotyle novae-zelandiae

Oxalis exilis

Yellow oxalis

Parietaria debilis

Plantago raoulii

Pratia angulata

Stellaria decipiens (unc)

Urtica incisa

Wahlenbergia rupestris (unc)

Wahlenbergia violacea

