

BUSH REMNANT ADMIRAL ROAD (140 - 260m a.s.l.)

TOPOMAP T27 334082

Indigenous Vascular Plants

Pat Enright 6/6/99

unc = uncommon

Site description:

This site is an Open Space Covenant on property belonging to the de Jong family. It is the top part of a long narrow bush remnant in a stream gully running NW/SE cut down into calcareous bedrock. There is a little flat ground on the valley floor where pukatea (*Laurelia novaezelandiae*), rewarewa (*Knightia excelsa*) and black maire (*Nestegis cunninghamii*) are emergent over a subcanopy of mahoe (*Melicytus ramiflorus*) and titoki (*Alectryon excelsus*). Below this again there is a lot of kawakawa (*Macropiper excelsum*) and regenerating mahoe. The steep banks have stands of kanuka (*Kunzea ericoides*) with a patchy understory of grasses, some ferns (mainly necklace fern (*Asplenium flabellifolium*)) and scattered scrub mostly coprosma species. Of note were a couple of tawa trees (*Beilschmiedia tawa*) as this species is not common in the area.

Grasses, sedges and ferns were present in small numbers probably reflecting a past history of grazing but numbers should now recover as the stock have been removed. There was evidence of relatively recent browse but no stock were noted. *Blechnum triangularifolium*, which restricts itself to limestone areas, was seen growing on the stream banks just below the crib along with the only specimen of the sedge (*Carex secta*). There are some plantings of exotics above the crib where there is little or no native vegetation and one kauri was noted in the bush area itself. Tree ferns were represented by single specimens of two species and the most common climbers were passionvine (*Passiflora tetrandra*), native jasmine (*Parsonsia* spp.) and bush lawyer (*Rubus schmidelioides*).

The whole remnant is flanked by exotic plantations of eucalypts and pine trees. The survey took 3 hours and was thorough.

Gymnosperm trees and shrubs

| | |
|-----------------------------|-----------|
| Agathis australis (planted) | Kauri |
| Dacrycarpus dacrydioides | Kahikatea |
| Podocarpus totara | Totara |
| Prumnopitys taxifolia | Matai |

Monocotyledonous trees and shrubs

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|---------------------|--------------|
| Cordyline australis | cabbage tree |
|---------------------|--------------|

Dicotyledonous trees and shrubs

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|-------------------------------------|--------------------------|
| Alectryon excelsus var. excelsus | Titoki |
| Beilschmiedia tawa | Tawa |
| Brachyglottis repanda | Rangiora |
| Carpodetus serratus | Putaputaweta, marbleleaf |
| Coprosma areolata | |
| Coprosma crassifolia (unc) | |
| Coprosma propinqua subsp. propinqua | |
| Coprosma rhamnoides | |

| | |
|--|----------------------------|
| <i>Coprosma rigida</i> | |
| <i>Coprosma robusta</i> (unc) | Karamu |
| <i>Coprosma rotundifolia</i> | |
| <i>Coprosma propinqua</i> x <i>C. robusta</i> | |
| <i>Hedycarya arborea</i> | Pigeonwood |
| <i>Hoheria sexstylosa</i> | |
| <i>Knightia excelsa</i> (unc) | |
| <i>Kunzea ericoides</i> | Kanuka |
| <i>Laurelia novaezelandiae</i> | Pukatea |
| <i>Lophomyrtus obcordata</i> | Rohutu |
| <i>Macropiper excelsum</i> var. <i>excelsum</i> | Kawakawa |
| <i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i> | Mahoe |
| <i>Myoporum laetum</i> | Ngaio |
| <i>Myrsine australis</i> (unc) | Red Matipo |
| <i>Nestegis cunninghamii</i> (unc) | Black maire |
| <i>Ozothamnus leptophylla</i> | Tauhinu |
| <i>Pennantia corymbosa</i> | Kaikomako |
| <i>Pittosporum eugenioides</i> (unc) | Tarata, lemonwood |
| <i>Pittosporum tenuifolium</i> (unc) | Kohuhu |
| <i>Pseudopanax arboreus</i> (unc) | |
| <i>Pseudopanax crassifolius</i> (unc) | Horoeaka, lancewood |
| <i>Solanum laciniatum</i> | Poroporo |
| <i>Sophora microphylla</i> | Kowhai |
| <i>Streblus heterophyllus</i> | Turepo, milktree |
| <i>Urtica ferox</i> (unc) | Tree nettle |
| <u>Monocotyledonous lianes</u> | |
| <i>Ripogonum scandens</i> | |
| <u>Dicotyledonous lianes and related trailing plants</u> | |
| <i>Calystegia tuguriorum</i> | Native convolvulus |
| <i>Clematis foetida</i> | |
| <i>Metrosideros colensoi</i> | |
| <i>Metrosideros diffusa</i> | |
| <i>Muehlenbeckia australis</i> | Pohuehue |
| <i>Parsonia capsularis</i> | |
| <i>Parsonia heterophylla</i> | Akakiore |
| <i>Passiflora tetrandra</i> | Passion vine |
| <i>Rubus schmidelioides</i> | |
| <u>Ferns</u> | |
| <i>Adiantum cunninghamii</i> | Maidenhair fern |
| <i>Asplenium bulbiferum</i> (unc) | |
| <i>Asplenium flabellifolium</i> | Necklace fern |
| <i>Asplenium flaccidum</i> ss | Makawe, Hanging spleenwort |
| <i>Asplenium gracillimum</i> | |
| <i>Asplenium hookerianum</i> | |
| <i>Blechnum chambersii</i> | |
| <i>Blechnum fluviatile</i> | Kiwakiwa |
| <i>Blechnum novaezelandiae</i> (unc) | |
| <i>Blechnum triangularifolium</i> | |
| <i>Cyathea dealbata</i> (unc) | |
| <i>Cyathea medullaris</i> (unc) | |
| <i>Hypolepis ambigua</i> | |
| <i>Lastreopsis glabella</i> | |

Pellaea rotundifolia
Phymatosorus pustulatus
Pneumatopteris pennigera
Polystichum richardii
Pteris tremula
Pyrrosia eleagnifolia

Tarawera

Orchids

Earina mucronata

Grasses

Echinopogon ovatus
Microlaena stipoides
Poa anceps subsp. anceps
Poa imbecilla

Bush rice grass

Sedges

Carex flagellifera (unc)
Carex forsteri (unc)
Carex secta (unc)

Rushes and allied plants

Juncus gregiflorus
Juncus pallidus
Luzula picta

Wiwi

Daisy-like herbs (Composites)

Gnaphalium gymnocephalum
Senecio hispidulus (unc)

Dicotyledonous herbs other than Composites

Acaena anserinifolia
Cardamine sp. (*C. debilis* agg.) ("Narrow Petal" of Pritchard 1957)
Dichondra brevifolia
Epilobium nerteroides
Epilobium nummulariifolium
Haloragis erecta
Hydrocotyle elongata
Hydrocotyle heteromeria
Hydrocotyle moschata
Oxalis exilis
Stellaria decipiens
Urtica incise

Birds:

Fantail
Kingfisher
Magpie