

TOPOMAP T27 & T28 370075 (2309)

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O. b. l. o.

Orchids on  
dbase

## Indigenous Vascular Plants at Kouratahi

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unc = uncommon

### Site description:

This 15 hectare site is hillslope either side of a flat-bottomed valley with a small stream with a NW - SE trend. It is well fenced and does not appear to have been grazed for some time (good regeneration) but shows the effects of previous grazing in the lack of sedges and grasses. Most species are represented by a few individual plants except for the uncinias which are quite common in the upper parts of the bush.

There are some notable large podocarps in the area. Totara (*Podocarpus totara*), Matai (*Prumnopitys taxifolia*) Kahikatea (*Dacrycarpus dacrydioides*) and Rimu (*Dacrydium cupressinum*). Both black and white maire (*Nestegis cunninghamii* and *N. lanceolata*) are present but no mistletoe (*Tupeia antarctica*) was seen growing on them although it is in the area. Towards the top of the patch pepper tree (*Pseudowintera colorata*) edges the bush. There is quite a bit of tree nettle (*Urtica ferox*) especially fringing and in more open areas. Tree ferns were well represented in species (but not in numbers) by some tattered and battered silver fern (*Cyathea dealbata*), a few stunted *Dicksonia squarrosa*, some large *Cyathea medullaris*, a few *Cyathea smithii* and one *Dicksonia fibrosa*. The orchid flora was notable for its paucity with the only ground orchid being *Microtis* sp. and only a few *Earina mucronata* patches and one occurrence of *Earina autumnalis*.

Species of note were *Acaena juvenca* which formed quite large patches under light scrub on the SE side and a large patch of the fern *Leptolepia novae zelandiae* growing on the valley floor under thick overhead scrub. A few plants of *Botrychium bifforme* were seen under scrub halfway up the true right of valley. Both fuchsia species and the hybrid were seen in low numbers. The small mistletoe (*Korthosella lindsayi*) was seen growing on *Melicope simplex* and *Neomyrtus pedunculata* was seen near the top edge of the bush.

Possum control was only evident along the fenceline with the pasture in the valley floor but the health of both the Fuchsia species may indicate low levels of this pest. Weed infestation with rank grasses and cleavers (*Galium aparine*) will disappear in time as the bush cover increases. There is a resident population of peafowl in the bush with a peahen and her brood noted near the top of the area.

The survey of the area was reasonably thorough (6 hours) with a return visit to look for orchids in the spring a must.

In summary a very nice piece of bush with a range of vegetation types and some species not common in the Wairarapa.

## Gymnosperm trees and shrubs

<i>Dacrycarpus dacrydioides</i>	Kahikatea
<i>Dacrydium cupressinum</i>	Rimu
<i>Podocarpus totara</i>	Totara
<i>Prumnopitys ferruginea</i> (unc)	Miro
<i>Prumnopitys taxifolia</i>	Matai

## Dicotyledonous trees and shrubs

<i>Aristotelia serrata</i>	Wineberry
<i>Alectryon excelsus</i> var. <i>excelsus</i>	Titoki
<i>Brachyglottis repanda</i>	Rangiora
<i>Carmichaelia australis</i> (unc)	
<i>Carpodetus serratus</i>	Putaputaweta, marbleleaf
<i>Coprosma areolata</i>	
<i>Coprosma linariifolia</i> (unc)	
<i>Coprosma propinqua</i> subsp. <i>propinqua</i>	
<i>Coprosma rhamnoides</i>	
<i>Coprosma rigida</i>	
<i>Coprosma rotundifolia</i>	
<i>Coprosma rubra</i> (unc)	
<i>Coprosma propinqua</i> x <i>C. robusta</i>	
<i>Elaeocarpus dentatus</i>	Hinau
<i>Elaeocarpus hookerianus</i>	Pokaka
<i>Fuchsia excorticata</i>	
<i>Fuchsia perscandens</i>	
<i>Fuchsia excorticata</i> x <i>F. perscandens</i> (unc)	
<i>Griselinia littoralis</i> (unc)	
<i>Hedycarya arborea</i>	Pigeonwood
<i>Hoheria sexstylosa</i>	
<i>Korthosella lindsayi</i>	Mistletoe
<i>Knightia excelsa</i>	Rewarewa
<i>Leucopogon fasciculatus</i>	
<i>Lophomyrtus obcordata</i>	Rohutu
<i>Macropiper excelsum</i> var. <i>excelsum</i>	
<i>Melicope simplex</i>	
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	Mahoe
<i>Melicytus micranthus</i>	
<i>Myoporum laetum</i> (unc)	Ngaio
<i>Myrsine australis</i>	Red Matipo
<i>Myrsine divaricata</i>	Weeping Matipo
<i>Myrsine salicina</i>	
<i>Neomyrtus pedunculatus</i> (unc)	
<i>Nestegis cunninghamii</i>	Black Maire
<i>Nestegis lanceolata</i>	White maire
<i>Olearia rani</i>	
<i>Pennantia corymbosa</i>	Kaikomako

<i>Pittosporum eugenioides</i>	Tarata, lemonwood
<i>Plagianthus regius</i>	Ribbonwood
<i>Raukaua anomalus</i>	Whauwhaupaku
<i>Pseudopanax arboreus</i>	
<i>Pseudopanax crassifolius</i>	Horoeka, lancewood
<i>Pseudowintera colorata</i>	Pepper tree
<i>Schefflera digitata</i>	Pate
<i>Solanum laciniatum</i>	
<i>Sophora microphylla</i>	Kowhai
<i>Streblus heterophyllus</i>	Turepo, milk tree
<i>Urtica ferox</i>	

## Monocotyledonous trees and shrubs

<i>Cordyline australis</i>	Cabbage tree
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## Monocotyledonous lianes

<i>Ripogonum scandens</i>	Supplejack
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## Dicotyledonous lianes and related trailing plants

<i>Calystegia tuguriorum</i>	
<i>Clematis foetida</i>	
<i>Clematis paniculata</i>	
<i>Metrosideros colensoi</i>	
<i>Metrosideros diffusa</i>	
<i>Muehlenbeckia australis</i>	Pohuehue
<i>Muehlenbeckia complexa</i>	
<i>Parsonsia capsularis</i>	
<i>Parsonsia heterophylla</i>	Akakiore
<i>Parsonsia capsularis</i> x <i>P. heterophylla</i> (unc)	
<i>Passiflora tetrandra</i>	Passion vine
<i>Rubus cissoides</i> (narrow leaved form)	
<i>Rubus schmidelioides</i>	

## Psilopods, Lycopods and Quillworts

### Ferns

<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 gracillimum</i>	
<i>Asplenium hookerianum</i>	
<i>Asplenium oblongifolium</i>	
<i>Asplenium polyodon</i>	Petako, Sickle spleenwort

*Asplenium gracillimum* x *A. hookerianum*  
*Blechnum chambersii*  
*Blechnum fluviatile*                      Kiwakiwa  
*Blechnum novaezelandiae* (unc)                      Kiokio  
*Blechnum pennamarina* (unc)  
*Botrychium biforme* (unc)  
*Cyathea dealbata*                      Ponga, Silver fern  
*Cyathea medullaris*                      Black mamaku  
*Cyathea smithii* (unc)  
*Dicksonia fibrosa* (unc)  
*Dicksonia squarrosa*  
*Histiopteris incisa* (unc)  
*Hypolepis ambigua*  
*Hypolepis rufobarbata* (unc)  
*Lastreopsis glabella*  
*Lastreopsis microsora*  
*Leptolepia novae zelandiae*  
*Leptopteris hymenophylloides* (unc)  
*Paesia scaberula* (unc)  
*Pellaea rotundifolia*                      Tarawera  
*Phymatosorus pustulatus*                      (*P. diversifolium*)  
*Pneumatopteris pennigera*  
*Polystichum richardii*                      Pikopiko  
*Polystichum silvaticum*  
*Polystichum vestitum*  
*Pyrrosia eleagnifolia*

## Orchids

*Earina autumnalis* ✓  
*Earina mucronata* ✓                      Pekaawaka  
*Microtis aff. parviflorum* ✓

## Grasses

*Echinopogon ovatus*  
*Poa anceps* supsp. *Anceps*  
*Poa imbecilla*  
*Poa matthewsii*

## Sedges

*Carex dissita* (unc)  
*Carex forsteri*  
*Carex solandri* (unc)  
*Uncinia banksii* (unc)  
*Uncinia laxiflora*  
*Uncinia scabra*

Uncinia uncinata

## Rushes and allied plants

## Remaining Monocotyledonous plants

Arthropodium candidum  
Collospermum hastatum  
Libertia sp.

## Daisy-like herbs (Composites)

Lagenifera pumila  
Lagenifera strangulata  
Senecio minimus

## Dicotyledonous herbs other than Composites

Acaena anserinifolia            Bidibidi  
Acaena juvenca  
Australina pusilla  
Cardamine sp. (C. debilis agg.) ("Glossy Leaf" of Pritchard 1957)  
Cardamine sp. (C. debilis agg.) ("Long Style" of Pritchard 1957) (unc)  
Cardamine sp. (C. debilis agg.) ("Narrow Petal" of Pritchard 1957)  
Epilobium nummulariifolium  
Geranium microphyllum  
Hydrocotyle elongata  
Hydrocotyle heteromeria  
Hydrocotyle novae-zelandiae  
Oxalis exilis                      Yellow oxalis  
Parietaria debilis  
Ranunculus reflexus (pp R. hirtus) Maruru, hairy buttercup  
Stellaria decipiens  
Urtica incisa  
Wahlenbergia violacea

## Birds:

Fantail  
Native pigeon  
Pea fowl  
Shining Cuckoo  
Tui