

TOPOMAP T27 & T28 092359 (2241)

O- b.l.l.
orchid
or d. base ✓

Indigenous Vascular Plants at Hinewaka

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unc = uncommon

Site description

This site is made up of tall pukatea/kahikatea forest along the streambeds in the gullies and scattered tree and shrub species up the hillslopes and along the ridges with totara (*Podocarpus totara* being a dominant). The general open nature of the site and the fact that the land is grazed give a park like appearance. There is very little regeneration except in the nettle (*Urtica ferox*) patches (common along the gullies) and ferns, sedges and grasses are scarce to absent altogether.

There are a number of "notable species" present in this site. Leafless lawyer (*Rubus squarrosus*) is not uncommon (quite leafy in some places) but other species were noted as single plants. These included *Coprosma rubra*, *C. virescens*, *Nestegis montana*. *Adiantum diaphanum* was present as a couple of very small patches and the only one of note was growing 2 metres up on a vertical stream bank that was fenced to stop stock from falling in. The small mistletoe *Korthosella lindsayi* was seen on several bushes of *Coprosma crassifolia*.

Several other species were also noted as single specimens or in very low numbers. Lemonwood (*Pittosporum eugenioides*), kohuhu (*P. tenuifolium*), white maire (*Nestegis lanceolata*), black maire (*Nestegis cunninghamii*), kaikomako (*Pennantia corymbosa*) and cabbage tree (*Cordyline australis*). There were only small patches of *Poa anceps* and *Microlaena stipoides* and scattered plants of *Echinopogon ovatus* representing the grasses but the sedges were absent altogether.

A thorough search of the site was undertaken and the survey time was four hours.

Gymnosperm trees and shrubs

<i>Dacrycarpus dacrydioides</i>	Kahikatea
<i>Podocarpus totara</i>	Totara

Monocotyledonous trees and shrubs

<i>Cordyline australis</i>	Cabbage tree
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Dicotyledonous trees and shrubs

<i>Aristotelia serrata</i> (unc)	Wineberry
<i>Alectryon excelsus</i> var. <i>excelsus</i>	Titoki
<i>Brachyglottis repanda</i>	Rangiora
<i>Carpodetus serratus</i>	Putaputaweta, marbleleaf
<i>Coprosma areolata</i>	
<i>Coprosma crassifolia</i>	
<i>Coprosma propinqua</i> subsp. <i>propinqua</i> (unc)	
<i>Coprosma rhamnoides</i>	
<i>Coprosma robusta</i>	
<i>Coprosma rotundifolia</i> (unc)	
<i>Coprosma rubra</i> (unc)	
<i>Coprosma virescens</i> (unc)	
<i>Corynocarpus laevigatus</i>	Karaka
<i>Griselinia lucida</i>	
<i>Hebe stricta</i> var. <i>atkinsonii</i>	
<i>Hedycarya arborea</i>	Pigeonwood
<i>Hoheria sexstylosa</i>	
<i>Korthosella lindsayi</i>	Mistletoe
<i>Knightia excelsa</i>	Rewarewa
<i>Kunzea ericoides</i>	Kanuka
<i>Leptospermum scoparium</i>	Manuka
<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>Myoporum laetum</i>	Ngaio
<i>Myrsine australis</i>	Red Matipo
<i>Nestegis cunninghamii</i> (unc)	Black Maire
<i>Nestegis lanceolata</i> (unc)	White maire
<i>Nestegis montana</i> (unc)	Narrow leaved maire
<i>Pennantia corymbosa</i> (unc)	Kaikomako
<i>Pittosporum eugenioides</i> (unc)	Tarata, lemonwood
<i>Pittosporum tenuifolium</i> (unc)	Kohuhu
<i>Pseudopanax crassifolius</i>	Horoeka, lancewood
<i>Schefflera digitata</i> (unc)	Pate
<i>Solanum laciniatum</i> (unc)	

Sophora microphylla	Kowhai
Streblus heterophyllus	Turepo, milk tree
Urtica ferox	

Monocotyledonous lianes

Ripogonum scandens	Supplejack
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Dicotyledonous lianes and related trailing plants

Calystegia tuguriorum	
Clematis foetida	
Clematis paniculata	
Metrosideros colensoi	
Metrosideros perforata (unc)	
Muehlenbeckia australis	Pohuehue
Parsonia capsularis	
Parsonia heterophylla	Akakiore
Passiflora tetrandra	Passion vine
Rubus cissoides (narrow leaved form)	
Rubus schmidelioides	
Rubus squarrosus	Leafless lawyer

Psilopods, Lycopods and Quillworts

Ferns

Adiantum diaphanum (unc)	
Asplenium flabellifolium	Necklace fern
Asplenium flaccidum ss	Makawe, Hanging spleenwort
Asplenium gracillimum	
Asplenium hookerianum	
Blechnum chambersii	
Blechnum membranaceum	
Cyathea medullaris	Black mamaku
Hypolepis ambigua	
Lastreopsis glabella	
Pellaea rotundifolia	Tarawera
Pneumatopteris pennigera	
Polystichum richardii	Pikopiko
Pteris tremula	
Pyrrhosia eleagnifolia	

Orchids

✓ Earina autumnalis

Grasses

Echinopogon ovatus
Microlaena stipoides
Poa anceps subsp. anceps

Sedges

Rushes and allied plants

Juncus distegus
Juncus gregiflorus

Remaining Monocotyledonous plants

Collospermum hastatum

Daisy-like herbs (Composites)

Gnaphalium gymnocephalum
Pseudognaphalium luteoalbum

Dicotyledonous herbs other than Composites

Cardamine sp. (*C. debilis* agg.) ("Narrow Petal" of Pritchard 1957)
~~Daucus glochidiatus~~
Epilobium nummulariifolium
Epilobium pedunculare
Hydrocotyle moschata
Parietaria debilis
Plantago raoulii (unc)
Stellaria decipiens