

## Tirohanga Scenic Reserve plant species list (60082)

This survey and species list occurred on 22 March 2001 by N.J.D.Singers and R Whyman

### **Vegetation description**

Secondary logged forest on a moderately steep south-east facing slope.

Mixed broad leaf forest:

- Rewarewa/Kamaha, mahoe, pigeon wood, supple jack, mamaku, wheki, – makomako *Aristotelia serrata* / fern layer *Asplenium bulbiferum* & *Pneumatopteris pennigera*.
- Western side of boundary- Makomako, bracken, karamu, rangiora and five finger. In addition there are local patches of dense pohuehue and blackberry infestations.
- North boundary- Stunted mahoe(5–10m), broadleaf pigeonwood/supplejack/ hen and chicken
- Eastern side-the northern vegetation continuing with an increase of fuchsia, five finger and kohuhu.

### **Other comments**

Dead kamahi trees are present within a basin on the east-facing slope these trees may have died as a result of past possum impacts. There is a very large kamahi on the eastern side of the reserve at approx. T17 606 997. NZ flax has been planted along the western boundary. Old tram tracks are becoming overgrown with supplejack and are difficult to identify.

There is still sign of ungulate browse possibly stock (sheep) within the reserve, but deer are likely to be also present.

### **Key**

r = rare

u = uncommon

o = occasional

l = local

c = common and lc = locally common

a = abundant and la = locally abundant

\* = adventive

<b><u>Species</u></b>	<b><u>Common name</u></b>	<b><u>Abundance</u></b>
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### **Gymnosperm trees**

<i>Dacrycarpus dacrydioides</i> <sup>1</sup>	Kahikatea	r
<i>Dacrydium cupressinum</i>	rimu	o
<i>Podocarpus totara</i>	totara	u
<i>Prumnopitys ferruginea</i>	miro	u

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<sup>1</sup> Individual kahikatea noted along the eastern boundary

<i>Prumnopitys taxifolia</i>	matai	o
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### **Monocot trees and liannes**

<i>Cordyline australis</i>	cabbage tree	o
<i>Cordyline banksii</i>		o
<i>Ripogonum scandens</i>	supple jack	a

### **Dicot trees and shrubs**

<i>Aristotelia serrata</i>	makomao, wineberry	a
<i>Brachyglottis repanda</i>	rangiora	c
<i>Carpodetus serratus</i>	putaputaweta	r
<i>Coprosma grandifolia</i>	kaono	c
<i>Coprosma robusta</i>	karamu	o
<i>Coprosma propinqua X robusta</i>		r
<i>Coriaria arborea</i>	tutu	lc
* <i>Cytisus scoparius</i>	broom	r
<i>Elaeocarpus dentatus</i>	hinau	u
* <i>Erica lusitanica</i>	spanish heath	l
<i>Fuchsia excorticata</i>	kotukutuku	a
<i>Gaultheria antipoda</i>	snowberry	r
<i>Geniostoma rupestre</i>	hangehange	a
<i>Griselinia littoralis</i>	broadleaf	c
<i>Hebe stricta</i>	koromiko	u
<i>Hedycarya arborea</i>	pigeonwood	a
<i>Leptospermum scoparium</i>	manuka	u
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	mahoe	a
<i>Myrsine australis</i>	mapau	u
<i>Pennantia corymbosa</i>	kaikomako, ducks feet	u
<i>Pseudopanax arboreus</i>	fivefinger	c
<i>Pseudopanax crassifolius</i>	lancewood	o
<i>Raukaua edgerleyi</i> <sup>2</sup>	raukawa	lc
* <i>Salix cinerea</i>	grey willow	u
<i>Schefflera digitata</i>	pate	c
<i>Solanum aviculare</i>	poroporo	u
* <i>Teline monspessulana</i>	Montpellier broom	r
<i>Pittosporum eugenioides</i>	tarata	o
<i>Pittosporum tenuifolium</i> var. <i>tenuifolium</i>	kohuhu	c
<i>Weinmannia racemosa</i>	kamaha	a

### **Dicot liannes**

<i>Calystegia sepium</i>	bind weed	u
<i>Metrosideros diffusa</i>	white rata	a
<i>Muehlenbeckia australis</i>	pohuehue	la

<sup>2</sup> DBH of *Raukaua edgerleyi* taken close to the bush edge near the airstrip 599mm, c. 14m tall.

<i>Parsonsia capsularis</i>	NZ jasmine	u
<i>Passiflora tetrandra</i>	kohia, native passionfruit	u
<i>Rubus cissoides</i>	bush lawyer	a
* <i>Rubus</i> sp. ( <i>R. fruticosus</i> agg.)	blackberry	la
<i>Rubus schmideloides</i>	bush lawyer	o

### Ferns

<i>Asplenium bulbiferum</i> subsp. <i>bulbiferum</i>		a
<i>Asplenium flaccidum</i>		c
<i>Asplenium polyodon</i>		o
<i>Blechnum chambersii</i>		l
<i>Blechnum filiforme</i>		c
<i>Blechnum fluviatile</i>		o
<i>Blechnum novae-zelandiae</i>		l
<i>Cyathea dealbata</i>		u
<i>Cyathea medullaris</i>		c
<i>Cyathea smithii</i>	katote	u
<i>Dicksonia fibrosa</i>		o
<i>Dicksonia squarrosa</i>		a
<i>Diplazium australe</i>		u
<i>Histiopteris incisa</i>	waterfern	u
<i>Hypolepis ambigua</i>		u
<i>Hymenophyllum sanguinolentum</i>		u
<i>Lastreopsis glabella</i>		o
<i>Lastreopsis hispida</i>		o
<i>Leptopteris hymenophylloides</i>		o
<i>Leptolepia novae-zelandiae</i>		u
<i>Microsorm pustulatum</i>		
<i>Paesia scaberula</i>	lace fern	o
<i>Phymatosorus pustulatus</i>	hound's tongue	o
<i>Pneumatopteris pennigera</i>	gully fern	c
<i>Polystichum vestitum</i>	shield fern	lc
<i>Pteridium esculentum</i>	bracken	c
<i>Pyrrosia eleagnifolia</i>	leather leaf fern	a
<i>Rumohra adiantiformis</i>	leathery shield fern	

### Orchids

<i>Earina autumnalis</i>		r
<i>Earina mucronata</i>	bamboo orchid	o
<i>Winika cunninghamii</i>	ladies slipper orchid	o

### Monocot herbs and grasses

<i>Astelia fragrans</i>	astelia	o
<i>Astelia solandri</i>		o
<i>Carex dissita</i>		u
<i>Collospermum microspermum</i>		c

<i>Cortaderia fulvida</i>	toitoi	1
<i>Dactylis glomeratus</i>	cocks foot	lc
<i>Phormium tenax</i> <sup>3</sup>	NZ flax	1
<i>Poa anceps</i>		c
<i>Uncinia uncinata</i>		c

### **Composite herbs**

<i>Agrostis capillaris</i>	brown top	1
* <i>Conyza albida</i>	Canadian fleabane	1
* <i>Cirsium arvense</i>	Californian thistle	1
* <i>Cirsium vulgare</i>	Scotch thistle	1
* <i>Holcus lanatus</i>	yorkshire fog	1
* <i>Senecio bipinnatisectus</i>	ragwort	1
* <i>Senecio jacobaea</i>	fireweed	1
* <i>Senecio minimus</i>		1

### **Dicot herbs**

<i>Geranium robertianum</i>	herb robert	1
<i>Hypericum perforatum</i>	St John's wort	1
* <i>Lotus pedunculatus</i>	lotus	1
* <i>Mycelis muralis</i>	wall lettuce	o
<i>Orobancha minor</i>	broom rape	u
* <i>Plantago lanceolata</i>	plantain	1
* <i>Trifolium pratense</i>	red clover	1
* <i>Trifolium repens</i>	white clover	1
<i>Urtica incisa</i>	nettle	o
<i>Wahlenbergia gracilis</i>	blue bell	u

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<sup>3</sup> NZ flax has planted within the boundary along the western and northern side of the steep slope.

## Vegetation Type

1. Kamahi,/Rewarewa mahoe, pigeon wood, supple jack, mamaku, wheki, – makomako *Aristotelia serrata* / fern layer *Asplenium bulbiferum* & *Pneumatopteris pennigera*.
2. Rewarewa/Kamahi, mahoe, pigeon wood, supple jack, mamaku, wheki, – makomako *Aristotelia serrata* / fern layer *Asplenium bulbiferum* & *Pneumatopteris pennigera*.
3. Hangehange, *Raukaua edgerleyi* plus vegetation type 1
4. North boundary- Stunted mahoe(5–10m), broadleaf pigeonwood/supplejack/ hen and chicken  
Eastern side-the northern vegetation continuing with an increase of fuchsia, five finger and kohuhu.
5. Western side of boundary- Makomako, bracken, karamu, rangiora and five finger. In addition there are local patches of dense pohuehue and blackberry infestations.
6. Grassland
7. Blackberry
8. Wetland *Carex dissita*
9. kohuhu and five finger.
10. Serve pohuehue infestation
11. NZ Flax