

## Vascular plants of Rangataua Conservation Area (60020) incorporating part of Tongariro National Park .

This list is accumulative and encompasses the area from the main trunk railway line to the round-the mountain track at approximately 1300m a.s.l.

The List has been compiled from Wellington botanical society list accompanied by B.Lloyd and S.McQueen, 1-1-97 and visit by Rototrua Botanical society, Easter 1997 (Joan Fitzgerald)

with additions

by S.Deverell and monitoring crew (1997, 1998, 1999)

by N.Singers and S.Deverell, April 1999.

by S.Deverell, March 2000.

By N.Singers and R. Whyman, January 2001

### Abundance Key

Species abundance was quantified subjectively using the following abundance key.

r = rare

u = uncommon

l = local

o = occasional

c = common, also lc = locally common

a = abundant, also la = locally abundant

\* = exotic/adventive species

<b>Botanical name</b>	<b>Maori,Common name</b>	<b>Abundance</b>
<b>Gymnosperm trees</b>		
* <i>Cupressus macrocarpa</i> <sup>1</sup>	Macrocarpa	r
<i>Dacrydium cupressinum</i>	rimu	l
<i>Dacrydium dacrydioides</i>	kahikatea	l
<i>Halocarpus bidwillii</i>	bog pine	l
<i>Halocarpus biformis</i>	pink pine	l
<i>Libocedrus bidwillii</i>	kaikawaka, mountain cedar	u
<i>Phyllocladus aspleniifolius</i> var. <i>alpinus</i>	toatoa	la
* <i>Pinus contorta</i>	lodge-pole pine	u
<i>Podocarpus hallii</i>	Hall's totara	o
<i>Prumnopitys ferruginea</i>	miro	l
<i>Prumnopitys taxifolia</i>	matai	l
<i>Pseudotsuga menziesii</i> <sup>2</sup>	Douglas fir	l & u

<sup>1</sup> Found along Rangataua road (probably planted)

<sup>2</sup> Douglas fir was planted south of Rangataua Road and was logged in March 2004. Several wilding seedlings have been removed adjacent to Karioi Forest and above the tree-line.

**Monocot trees**

<i>Cordyline australis</i>	ti, cabbage tree	
<i>Cordyline indivisa</i>	mountain cabbage tree	u

**Dicot trees and shrubs**

<i>Alepis flavida</i> <sup>3</sup>	yellow mistletoe	r
<i>Alseuosmia pusilla</i>		
<i>Alseuosmia turneri</i>		o
<i>Aristolelia fruticosa</i>		
<i>Aristolelia serrata</i>	makomako, wineberry	lc
<i>Brachyglottis repanda</i>	rangiora	o
<i>Carpodetus serratus</i>	putaputaweta, marble leaf	c
<i>Coprosma colensoi</i>	Colenso's Coprosma	o
<i>Coprosma foetidissima</i>	pipiro, stinkwood	lc
<i>Coprosma grandifolia</i>	kaono	o
<i>Coprosma linariifolia</i>		
<i>Coprosma lucida</i>	karamu	c
<i>Coprosma microcarpa</i>	small seeded Coprosma	c
<i>Coprosma propinqua</i> subsp. <i>propinqua</i>	mingimingi	l
<i>Coprosma propinqua</i> X <i>robusta</i>		
<i>Coprosma pseudocuneata</i>		
<i>Coprosma rhamnoides</i>		o
<i>Coprosma robusta</i>	karamu	l
<i>Coprosma rotundifolia</i>		u
<i>Coprosma</i> sp. t: " <i>taylorae</i> " (Eagle, 1982)	Taylor's Coprosma	a
<i>Coprosma tenuifolia</i>	karamu	c
* <i>Cotoneaster simonsii</i>	Khasia berry	r
<i>Cyathodes fraseri</i>		
<i>Cyathodes juniperina</i>	prickly mingimingi	o
<i>Dracophyllum subulatum</i>	monoao	l
<i>Elaeocarpus dentatus</i>	hinau	o
<i>Elaeocarpus hookerianus</i>	pokaka	o
<i>Eucalyptus delicatensis</i> <sup>4</sup>	alpine ash	lc
<i>Fuchsia excorticata</i>	kotukutuku	l
<i>Gaultheria antipoda</i>	snowberry	o
<i>Gaultheria depressa</i>	snowberry	
<i>Gaultheria depressa</i> var. <i>novaezealandiae</i>	snowberry	
<i>Griselinia littoralis</i>	papauma, broadleaf	c
<i>Hoheria populnea</i> var. <i>lanceolata</i>	hoheria	r
<i>Leucopogon fasciculatus</i>	mingimingi	a
<i>Melicope simplex</i>		u
<i>Melicytus lanceolatus</i>	mahoe-wao	u
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	mahoe	u
<i>Myrsine australis</i>	maupo	
<i>Myrsine divaricata</i>	waterfall tree	o

<sup>3</sup> *Alepis flavida* is found on mountain beech and on red beech.

<sup>4</sup> Alpine ash (*Eucalyptus delegatensis*) was planted at Rangataua

<i>Myrsine</i> “montana”		
( <i>Myrsine divaricata</i> X <i>M. salicina</i> ; AK255375) <sup>5</sup>		r
<i>Neomyrtus pedunculata</i>	rohutu	c
<i>Nestegis cunninghamii</i>	maire, black maire	lc
<i>Nestegis lanceolata</i>	white maire	u
<i>Nothofagus fusca</i>	tawhairaunui, red beech	a
<i>Nothofagus menziesii</i>	tawhai, silver beech	a
<i>Nothofagus solandri</i> ssp. <i>cliffortioides</i>	tawhairauriki, mountain beech	a
<i>Nothofagus solandri</i> ssp. <i>solandri</i>	tawhairauriki, black beech	u
<i>Olearia arborescens</i>	tree daisy	l
<i>Olearia rani</i>	heketara	u
<i>Olearia virgata</i>	swamp daisy	l
<i>Peraxilla colensoi</i> <sup>6</sup>	scarlet mistletoe	r
<i>Peraxilla tetrapetala</i> <sup>7</sup>	red mistletoe	lc
<i>Pernettya macrostigma</i>		u
<i>Pittosporum divaricatum</i>		l
<i>Pittosporum kirkii</i> <sup>8</sup>	epiphytic Pittosporum	r
<i>Pittosporum tenuifolium</i> var. <i>colensoi</i>	kohuhu	u
<i>Raukawa anomalus</i>		o
<i>Raukawa edgerleyi</i>	raukawa	r
<i>Raukawa simplex</i>	three-finger	l
<i>Pseudopanax arboreus</i>	fivefinger	u
<i>Pseudopanax colensoi</i>	mountain fivefinger	l
<i>Pseudopanax crassifolius</i>	horoeka, lancewood	u
<i>Pseudowintera colorata</i>	horopito, pepperwood	a
<i>Schefflera digitata</i>	pate	u

### Dicot lianes

<i>Clematis forsteri</i>	small white clematis	r
<i>Clematis paniculata</i>	white clematis	u
<i>Muehlenbeckia australis</i>	pohuehue	u
<i>Muehlenbeckia axillaris</i>	pohuehue	u
<i>Parsonsia capsularis</i>	kaiwhiria, NZ "Jasmine"	o
<i>Rubus cissoides</i>	tataramoa, bush lawyer	c

### Psilopods and Lycopods

<i>Lycopodium fastigiatum</i>	clubmoss	
<i>Lycopodium varium</i>	clubmoss	l
<i>Lycopodium volubile</i>	waewaekoukou	o
<i>Tmesipteris</i> sp.		

### Ferns

<sup>5</sup> A single tree occurs at S20 255978.

<sup>6</sup> Scarlet mistletoe (*Peraxilla colensoi*) is found on silver beech.

<sup>7</sup> Red mistletoe (*Peraxilla tetrapetala*) is locally common on mountain beech between 1150 and 1500 m a.s.l. and also occurs on red beech throughout .

<sup>8</sup> Two individuals have been observed, one was amongst *Collospermum microspermum* and had fallen to the ground, the other is on “monitoring Transect C”

<i>Adiantum cunninghamii</i>	huruhuru, maiden hair	u
<i>Anarthropteris lanceolata</i>		
<i>Asplenium flaccidum</i>	makawe, hanging spleenwort	c
<i>Asplenium hookerianum</i>		
<i>Asplenium oblongifolium</i>	shining spleenwort	u
<i>Asplenium polyodon</i>	petako, sickle spleenwort	o
<i>Blechnum chambersii</i>	nini	
<i>Blechnum colensoi</i>	peretao	o
<i>Blechnum discolor</i>	piupiu, crown fern	c
<i>Blechnum fluviatile</i>	kiwakiwa	a
<i>Blechnum minus</i>		
<i>Blechnum novae-zelandiae</i>	kiokio	c
<i>Blechnum penna-marina</i>		o
<i>Blechnum procerum</i>	small kiokio	
<i>Ctenopteris heterophylla</i>		
<i>Cyathea dealbata</i>	silver fern	
<i>Cyathea smithii</i>	katote, soft tree fern	c
<i>Dicksonia fibrosa</i>	wheki-ponga	o
<i>Dicksonia squarrosa</i>	wheki	c
<i>Dicksonia lanata</i>		la
<i>Grammitis billardierei</i>		
<i>Grammitis ciliata</i>		o
<i>Histiopteris incisa</i>	mata, water fern	c
<i>Hymenophyllum bivalve</i>	mauku, filmy fern	u
<i>Hymenophyllum demissum</i>	filmy fern	
<i>Hymenophyllum dilatatum</i>	filmy fern	u
<i>Hymenophyllum flabellatum</i>	filmy fern	u
<i>Hymenophyllum multifidum</i>	filmy fern	c
<i>Hymenophyllum pulcherrimum</i>	filmy fern	u
<i>Hymenophyllum rarum</i>	filmy fern	c
<i>Hymenophyllum sanguinolentum</i>	filmy fern	
<i>Hymenophyllum villosum</i>	filmy fern	
<i>Hypolepis millefolium</i>		
<i>Hypolepis rufobarbata</i>		u
<i>Lastreopsis hispida</i>		u
<i>Leptopteris hymenophylloides</i>	single crape fern	o
<i>Leptopteris superba</i>	Prince of Whales fern	u
<i>Paesia scaberula</i>	lace fern	u
<i>Phymatosorus novae-zelandiae</i>	hound's tongue	u
<i>Phymatosorus pustulatus</i>	kowaowao, hound's tongue	c
<i>Pneumatopteris pennigera</i>	pakau, gully fern	u
<i>Pteridium esculentum</i>	bracken	u
<i>Polystichum vestitum</i>	prickly shield fern, puniu	c
<i>Trichomanes reniforme</i>	kidney fern	o

## Orchids

<i>Acianthus sinclairii</i> var. <i>sinclarii</i>		
<i>Aporostylis bifolia</i>		
<i>Earina autumnalis</i>	Easter orchid	u
<i>Earina mucronata</i>	peka-a-waka, bamboo orchid	o
<i>Chiloglottis cornuta</i>		u
<i>Corybas trilobus</i>	spider orchid	o
<i>Corybas orbiculatus</i>	spider orchid	
<i>Corybas macranthus</i>	spider orchid	l
<i>Corybas rivularis</i>	spider orchid	
<i>Gastrodia cunninghamii</i>	potato orchid	o
<i>Gastrodia minor</i> <sup>9</sup>	potato orchid	l
<i>Microtis unifolia</i>	onion orchid	l
<i>Orthoceras novaezelandiae</i>	horned orchid	l
<i>Pterostylis</i> aff. <i>montana</i>	greenhood	l
<i>Pterostylis banksii</i>	tutukiwi, greenhood	o
<i>Pterostylis humilis</i> <sup>10</sup>	greenhood	l
<i>Thelymitra longifolia</i>	sun orchid	
<b>Grasses</b>		
<i>Cortaderia fulvida</i>	toetoe	u
<i>Microlaena avenacea</i>	bush rice grass	a
<i>Rytidosperma gracile</i>		o
<i>Poa breviglumis</i>		
<b>Rushes and sedges</b>		
<i>Carex dissita</i>		
<i>Carex geminata</i>		
<i>Carex secta</i>	purei	
<i>Carex solandri</i>		
<i>Carex virgata</i>		
<i>Gahnia xanthocarpa</i>	tupari-maunga, cutty grass	u
<i>Isolepis habra</i>		
<i>Luzula picta</i>	woodrush	
<i>Uncinia uncinata</i>	hook grass	a
<b>Monocot herbs</b>		
<i>Astelia fragrans</i>		
<i>Astelia grandis</i>	whara	l
<i>Astelia solandri</i>	kahakaha	
<i>Collospermum microspermum</i>		c
<i>Dianella nigra</i>	turutu	
<i>Libertia pulchella</i>	bush iris	
<i>Potamogeton suboblongus</i>	rerewai, pond weed	
<b>Composite herbs</b>		
<i>Acaena anserinifolia</i>	bidibi	

<sup>9</sup> One plant found on a track leading into “monitoring transect B” January 2001 (N.J.D.S).

<sup>10</sup> Found between dry and Rotokura Lake (Allan Ducker pers.com)

<i>Acaena microphylla</i>	bidibi	
<i>Acaena novae-zelandiae</i>	bidibi	o
<i>Crepis capillaris</i>		
* <i>Hypochoeris radicata</i>	catsear	
<i>Lagenifera strangulata</i>		
* <i>Senecio jacobaea</i>	ragwort	
<i>Senecio minimus</i>		

### Dicot herbs

<i>Cardamine debilis</i> (agg.)		c
<i>Epilobium pedunculare</i>	willow herb	
<i>Euphrasia cuneata</i>	eye-bright	lc
* <i>Geranium robertianum</i>	herb Robert	l
<i>Haloragis erecta</i>	toatoa	
<i>Hydrocotyle dissecta</i>	hydrocotyle	u
<i>Hydrocotyle elongata</i>	hydrocotyle	
<i>Hydrocotyle heteromeria</i>	hydrocotyle	
<i>Hydrocotyle moschata</i>	hydrocotyle	
* <i>Lotus pedunculatus</i>	lotus	
* <i>Mycelis muralis</i>	wall lettuce	u
<i>Mysotis forsteri</i>	forget-me-not	r
<i>Nertera ciliata</i>		u
<i>Nertera depressa</i>		u
<i>Nertera ciliata</i>	nertera	c
* <i>Plantago lanceolata</i>		
<i>Pratia angulata</i>	panakenake	u
* <i>Prunella vulgaris</i>	selfheal	
<i>Ranunculus amphitrichus</i>	buttercup	
<i>Ranunculus reflexus</i>	hairy buttercup	o
* <i>Rorippa nasturtium-aquaticum</i>	watercress	l
<i>Urtica incisa</i>	nettle	o
<i>Viola cunninghamii</i>	violet	u
<i>Viola filicaulis</i>	violet	o
<i>Wahlenbergia</i> spp.	Harebell	o