

Vascular Plants of :

Ecology Stream Ecological Area (60051, NZMS 260 T19, T20 , U19, & U20);

Rangitikei River, Otamateanui Stream and Makomiko Stream catchments (Kaimanawa Forest Park NZMS 260 T20).

List compiled by S. Deverell and monitoring team, January- March 2000

Vegetation description

Mountain beech forest- broad-leaf/ haumakaroa, - *Coprosma taylorae*/ *Coprosma pseudocuneata*

Manuka / kanuka scrub- *Gaultheria spp.*/ *Coprosma spp.*

Sub-alpine scrub and herbfields-mountain toatoa/ *Olearia nummulaifolia*- *celmisia spectabilis*/
Rytidosperma setifolium

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

Gymnosperm trees

<i>Podocarpus hallii</i>	Halls totara	o
<i>Phyllocladus alpinus</i>	celery-top pine	c

Gymnosperm shrubs

<i>Lepidothamnus laxifolius</i>	pigmy pine	lc
<i>Podocarpus nivalis</i>	mountain totara	lc

Monocot trees and shrubs

<i>Cordyline indivisa</i>	mountain cabbage tree	l
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Dicot Trees

<i>Aristotelia serrata</i>	wineberry, makomako	u
<i>Carpodetus serratus</i>	putaputaweta	u
<i>Elaeocarpus hookerianus</i>	pokaka	u
<i>Griselinia littoralis</i>	broadleaf	a
<i>Kunzea ericoides</i>	kanuka	o
<i>Nothofagus solandri</i> var. <i>cliffortioides</i>	mountain beech	a
<i>Pittosporum tenuifolium</i> var. <i>colensoi</i>	kohuhu	u
<i>Pseudopanax crassifolius</i>	lancewood	o
<i>Schefflera digitata</i>	pate	lc

Dicot shrubs

<i>Alepis flavida</i>	yellow mistletoe	r
<i>Aristotelia fruticosa</i>	mountain wineberry	o
<i>Brachylottis bidwillii</i>		lc
<i>Carmichaelia australis</i>		u
<i>Coprosma cheesemanii</i>		lc
<i>Coprosma colensoi</i>		
<i>Coprosma foetidissima</i>	stinkwood	c
<i>Coprosma linariifolia</i>	mikimiki	c
<i>Coprosma lucida</i>	karamu	o

<i>Coprosma microcarpa</i>		a
<i>Coprosma perpusilla</i>		la
<i>Coprosma propinqua</i> subsp. <i>propinqua</i>	mingimingi	u
<i>Coprosma propinqua</i> x <i>robusta</i>		u
<i>Coprosma pseudocuneata</i>		a
<i>Coprosma rhamnoides</i>		o
<i>Coprosma robusta</i>	karamu	u
<i>Coprosma rugosa</i>		la
<i>Coprosma</i> "taylorae"		a
<i>Coprosma tenuifolia</i>		o
<i>Coriaria pteridioides</i>	small-leaved tutu	o
<i>Cyathodes fraseri</i>		lc
<i>Cyathodes juniperina</i>	prickly mingimingi	c
<i>Dracophyllum recurvum</i>	neinei	lc
<i>Dracophyllum subulatum</i>	monoao	lc
<i>Epacris alpinus</i>		l c
<i>Fuchsia excorticata</i>	kotukutuku	lc
<i>Gaultheria antipoda</i>	bush snowberry	o
<i>Gaultheria depressa</i>	snowberry	o
<i>Gaultheria macrostigma</i>		c
<i>Hebe odora</i>		la
<i>Hebe stricta</i> var. <i>stricta</i>	koromiko	a
<i>Hebe tetragona</i>	whipcord hebe	la
<i>Helichrysum glomeratum</i> var. <i>lanceolatum</i>		c
<i>Leptospermum scoparium</i>	manuka	a
<i>Leucopogon fasciculatus</i>	mingimingi	c
<i>Leucopogon fraseri</i>		lc
<i>Myrsine divaricata</i>	weeping mapou	a
<i>Myrsine nummularia</i>	creeping mapou	lc
<i>Neomyrtus pedunculatus</i>	myrtle	c
<i>Olearia arborescens</i>		o
<i>Olearia nummularifolia</i>		lc
<i>Ozmothamnus leptophylla</i>		lc
<i>Pentachondra pumila</i>		lc
<i>Peraxilla tetrapetala</i> ¹	scarlet mistletoe	u
<i>Pittosporum colensoi</i>		u
<i>Pittosporum divaricatum</i>		r
<i>Pseudopanax colensoi</i>	orihou	o
<i>Raukaua anomalus</i>		c
<i>Raukaua simplex</i>		a

Dicot lianes

<i>Muehlenbeckia australis</i>	pohuehue	
<i>Muehlenbeckia axillaris</i>		a
<i>Muehlenbeckia complexa</i>		la
<i>Parsonsia capsularis</i>		
<i>Rubus cissoides</i>	tataramoa, bush lawyer	a

Rubus schmidelioides

Lycopods and fern allies

<i>Lycopodium australianum</i>	clubmoss	r
<i>Lycopodium fastigiatum</i>	clubmoss	c
<i>Lycopodium scariosum</i>	clubmoss	o
<i>Lycopodium varium</i>	clubmoss	
<i>Lycopodium volubile</i>	clubmoss	o

Mosses

<i>Acrocladium auriculatum</i>		c
<i>Dendroligotrichum dendroides</i>		a
<i>Dicranoloma</i> spp.		a
<i>Ptychomnion aciculare</i>		a
<i>Polytrichum</i> spp		c

Ferns

<i>Adiantum cunninghamii</i>	maiden hair fern	u
<i>Asplenium flabellifolium</i>		u
<i>Asplenium flaccidum</i>	hanging spleenwort	o
<i>Asplenium terrestre</i>		o
<i>Asplenium hookerianum</i>		o
<i>Blechnum chambersii</i>	lance fern, nini	c
<i>Blechnum fluviatile</i>	kiwakiwa	c
<i>Blechnum montanum</i>		o
<i>Blechnum novae-zelandiae</i>		o
<i>Blechnum penna marina</i>		a
<i>Blechnum procerum</i>	small kiokio	c
<i>Blechnum vulcanicum</i>		c
<i>Ctenopteris heterophylla</i>		
<i>Gleichenia dicarpa</i>	tangle fern	lc
<i>Grammitis billardierii</i>		a
<i>Histiopteris incisa</i>	waterfern	c
<i>Hymenophyllum multifidum</i>	filmy fern	a
<i>Hymenophyllum pulcherrimum</i>		u
<i>Hymenophyllum rarum</i>	filmy fern	c
<i>Hymenophyllum sanguinolentum</i>	filmy fern	a
<i>Hymenophyllum scabrum</i>		o
<i>Hypolepis millefolium</i>	thousand leaved fern	o
<i>Hypolepis rufobarbata</i>		o
<i>Leptopteris hymenophylloides</i>	heruheru	o
<i>Leptopteris superba</i>	Prince of Wales fern	o
<i>Ophioglossum coriaceum</i>		u
<i>Paesia scaberula</i>	lacefern	o
<i>Phymatosorus pustulatus</i>	hound's tounge	o
<i>Polystichum vestitum</i>	prickly sheild fern, puniu	c

<i>Pyrrosia eleagnifolia</i>	leather leaf fern	c
<i>Sticherus cunninghamii</i>	umbrella fern	lc

Orchids

<i>Aporostylis bifolia</i>	odd-leaved orchid	u
<i>Caladenia sp</i>		u
<i>Chiloglottis cornuta</i>	green bird orchid	c
<i>Corybas orbiculatus</i>	spider orchid	u
<i>Corybas trilobus</i>	spider orchid	c
<i>Gastrodia cunninghamii</i>	black orchid	r
<i>Pterostylis banksii</i>	tutukiwi	c

Grasses

* <i>Aira caryophyllea</i>		
* <i>Anthoxanthum odoratum</i>		u
<i>Chinocloa rubra</i>		
<i>Deyeuxia aucklandica</i>		
<i>Festuca novae-zelandiae</i>		
<i>Festuca sp</i>		
* <i>Holcus lanatus</i>	Yorkshire fog	lc
<i>Lachnagrostis lyallii</i>		
<i>Microlaena avenacea</i>	bush rice grass	u
<i>Poa anceps</i>		c
* <i>Poa annua?</i>		
<i>Poa breviglumis</i>		a
<i>Poa colensoi</i>	blue tussock	
<i>Rytidosperma gracile</i>		c
<i>Rytidosperma setifolium</i>	bristle tussock	la

Sedges and rushes

<i>Carpha alpina</i>		
<i>Carex solandri</i>		
<i>Isolepis habra</i>		
<i>Juncus sp</i>		
<i>Luzula picta</i> var. <i>picta</i>	woodrush	c
<i>Oreobolus pectinatus</i>	combsedge	
<i>Schoenus pauciflorus</i>		u
<i>Uncinia affinis</i>	hook grass	
<i>Uncinia uncinata</i>	hook grass	a

Monocot herbs

<i>Astelia fragrans</i>	kakaha	o
<i>Bulbinella hookeri</i> ²	Maori onion	lc
<i>Phormium cookianum</i>	wharariki, flax	la

<i>Libertia ixiooides</i>	N.Z. iris	o
<i>Luzuriaga parviflora</i>	lanternberry	c

Composite herbs

<i>Brachycome radicata</i>	roniu	
<i>Brachyglottis lagopus</i>		
<i>Celmisia gracilenta</i>	pekapeka, mountain daisy	
<i>Celmisia glandulosa</i>		
<i>Celmisia spectabilis</i>	mountain daisy	
* <i>Cirsium vulgare</i>	Scotch thistle	u
<i>Craspedia uniflora</i>		
<i>Gnaphalium ruahinicum</i>	creeping cudweed	
<i>Helichrysum bellidioides</i>	Hells bells	
* <i>Hieracium pilosella</i>	hawkweed	c
* <i>Hypochoeris radicata</i>	catsear	c
<i>Lagenifera petiolata</i>	papataniwhaniwha	
<i>Lagenifera pumilla</i>		
<i>Lagenifera strangulata</i>	parani	a
<i>Leptinella squalida</i>		
* <i>Mycelis muralis</i>	wall lettuce	c
<i>Raoulia albosericea</i>		
<i>Raoulia glabra</i>		
<i>Raoulia tenuicaulis</i>	tutahuna	a
<i>Senecio solandri</i> var. <i>rufoglandulosus</i>		o
<i>Senecio</i> sp		
* <i>Taraxacum officinale</i>		o
<i>Vittadinia australis</i>		

Dicot herbs

<i>Acaena anserinifolia</i>	bidibid	
<i>Acaena microphylla</i>	bidibid	
<i>Aciphylla</i> sp		
<i>Anisotome aromatica</i>	aniseed, kopoti	c
<i>Callitriche</i> sp		o
<i>Cardamine debilis</i> agg.	bitter cress	a
* <i>Cerastium fontanum</i>	mouse-eared chickweed	c
<i>Coriaria</i> sp		o
<i>Drosera binata</i>	sundew	r
<i>Epilobium alsinioides</i> ????	willowherb	
<i>Epilobium brunnescens</i>	willowherb	
<i>Epilobium nerteroides</i>		
<i>Epilobium glabellum</i>		
<i>Epilobium pedunculare</i>	willowherb	
<i>Euphrasia cuneata</i>	N.I. eyebright	o
<i>Forstera bidwillii</i> var. <i>densifolia</i>		u
<i>Galium perpusillum</i>		c
<i>Galium propinquum</i>	bedstraw	o

<i>Gentiana bellidifolia</i>	gentian	
<i>Gentiana sp.</i>		
<i>Geranium microphyllum</i>	namunamu	c
<i>Geranium sessiflorum</i>		c
<i>Gunnera dentata</i>		
<i>Hydrocotyle dissecta</i>		
<i>Hydrocotyle heteromeria</i>		
<i>Hydrocotyle moschata</i>		a
<i>Linum catharticum</i>		a
<i>Montia fontana</i>		o
<i>Myosotis forsteri</i>	forget-me-not	c
<i>Neopaxia australia</i>		c
<i>Nertera ciliata</i>		
<i>Nertera dichondrifolia</i>		
<i>Nertera villosa</i>		
<i>Oreomyrrhis colensoi</i>		c
<i>Ourisia macrophylla</i>	mountain foxglove	
<i>Ourisia vulcanica</i>	foxglove	
<i>Oxalis exilis</i>	oxalis	c
<i>Oxalis magellanica</i>	oxalis	a
<i>Parahebe hookeriana</i>		u
* <i>Plantago lanceolata</i>		u
<i>Pratia angulata</i>	pratia	a
<i>Ranunculus glabrifolius</i>		o
<i>Ranunculus reflexus (R. hirtus)</i>	bush buttercup	a
* <i>Rumex acetocella</i>		a
* <i>Sagina procumbens</i>	pearlwort	a
<i>Schizeilema trifoliolatum</i>		a
<i>Stellaria parviflora</i>	chickweed	o
* <i>Trifolium dubium</i>		a
* <i>Trifolium repens</i>		a
<i>Urtica incisa</i>	bush nettle	c
<i>Viola cunninghamii</i>	violet	c
<i>Viola filicaulis</i>	violet	c
<i>Wahlenbergia pygmaea</i>	harebell	c