

Check-list of Indigenous Vascular Plants recorded from Tongariro National Park

This species list has been taken from the following;

- Second approximation. May 1971. I.A.E Atkinson, Ecological Research Associates of N.Z. Silverstream, Upper Hutt.
- Additions and corrections – A.P. Druce, June 1973, April 1974, August 1974, February 1975, July 1975, October 1975, July 1976, May 1977, March 1978, June 1979, July 1980, January 1981, February 1982, October 1983, February 1984, July 1984, November 1984.
- Nomelacture corrections by C.R. Bayler 1999 and corrections and comments by C. Ogle, November 2000
- Additions by N.J.D. Singers, 1998 to 2004.

Symbols used for plant frequencies are:

a	= abundant
m	= many
f	= few
K	=Kakaramea
P	=Pihanga
T	=Tihia
unc	=uncommon
*	=present

Park abbreviations

WT	=West Tongariro
ET	=East Tongariro
WR	=West Ruapehu
SR	=South Ruapehu
ER	=East Ruapehu
NV	=North Volcanoes (Mt Pihanga, Mt Kakaramea, Mt Tihia)

* =exotic species

Species Name	Common Name NV	WT	ET	WR	SR	ER
<u>Gymnosperm trees and shrubs (14 species)</u>						
<i>Dacrycarpus dacrydioides</i>	kahikatea	f	f	f	f	*
<i>Dacrydium cupressinum</i>	rimu	f	f	a	a	*
<i>Halocarpus bidwillii</i>	bog pine	m	m	a	m	m
<i>H. bidwillii</i> x <i>H. biformis</i>				f		
<i>H. biformis</i>	pink pine	f		a	a	*
<i>Lepidothamnus laxifolius</i>	pygmy pine	a	a	a	a	f
<i>L. intermedius</i> x <i>L. laxifolius</i>		f	f	f		f
<i>Libocedrus bidwillii</i>	kaikawaka, pahautea	f		a	m	
<i>Manoao colensoi</i> (syn. <i>Lagarostrobos colensoi</i> (Ref. 39))	silver pine	m	f	a	a	f
<i>Phyllocladus alpinus</i>	mountain toatoa	a	a	a	a	f
<i>P. alpinus</i> x <i>P. trichomanoides</i>		f				
* <i>Pinus contorta</i>	contorta pine					
<i>Podocarpus hallii</i>	Hall's totara	a	a	a	m	f
<i>P. nivalis</i>	snow totara	a	m	a	m	m
<i>P. totara</i> var. <i>totara</i>	totara					
<i>P. hallii</i> x <i>P. nivalis</i>		m	f	f		
<i>Prumnopitys ferruginea</i>	miro	m	m	a	a	*
<i>Prumnopitys taxifolia</i>	matai	m	a	a	a	*

Angiosperm trees (41species and subspecies)

<i>Aristotelia serrata</i>	wineberry, makomako	m	m	a	a	*
<i>Beilschmiedia tawa</i>	tawa			f	f	
<i>Carpodetus serratus</i>	putaputaweta	m	a	a	a	*
<i>Cordyline australis</i>	cabbage tree, ti kouka	m	m			*
<i>C. banksii</i>	ti ngahere, forest cabbage tree		f	f		*unc
<i>C. indivisa</i>	mountain cabbage tree, toi	m	f	m	m	*
<i>C. australis</i> x <i>C. indivisa</i>				f		
<i>Elaeocarpus dentatus</i>	hinau	f		m		*
<i>E. hookerianus</i>	pokaka	m	m	a	a	*
<i>Fuchsia excorticata</i>	fuchsia, kotukutuku	m	m	a	a	*
<i>Griselinia littoralis</i>	broadleaf, papauma	a	a	m	m	f
<i>Hebe parviflora</i> (Ref. 3)	tree koromiko	f		f		
<i>Hoheria populnea</i> var. <i>lanceolata</i> Hook.f. (incl. <i>H. sexstylosa</i>)	lacebark			f		
<i>Knightia excelsa</i>	rewarewa, honeysuckle					lc
<i>Kunzea ericoides</i> s. l.	kanuka	a	a			*
<i>Leptospermum scoparium</i>	manuka	a	a	a	a	a
<i>Meliccytus lanceolatus</i>	narrow-leaved mahoe	f	f	f	m	
<i>M. ramiflorus</i> subsp. <i>ramiflorus</i>	mahoe	f		m	a	lc
<i>M. lanceolatus</i> x <i>M. ramiflorus</i> subsp. <i>ramiflorus</i>						*(P) unc
<i>Metrosideros robusta</i>	northern rata			m	f	u(P)
<i>Myrsine australis</i>	mapou	f	f			*
<i>M. salicina</i>	toro	m	f	m	m	*
<i>Myrsine australis</i> x <i>M. divaricata</i> (syn. <i>M. montana</i>)						
<i>Nestegis cunninghamii</i>	black maire		f	m	m	c
<i>Nestegis lanceolata</i>	white maire			f	m	*
<i>Nothofagus fusca</i>	red beech		m		a	c
<i>N. menziesii</i>	silver beech		f		a	c
<i>N. solandri</i> var. <i>cliffortioides</i>	mountain beech		a	a	a	u
<i>N. fusca</i> x <i>N. solandri</i> var. <i>cliffortioides</i>		f	f			u
<i>Pennantia corymbosa</i>	kaikomako					o

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>Pittosporum eugenioides</i>	lemonwood, tarata	f	f			l
<i>P. tenuifolium</i> subsp. <i>colensoi</i>	kohuu	m	f	m	f	u
<i>P. tenuifolium</i> subsp. <i>tenuifolium</i>	kohuhu		f			u
<i>Plagianthus regius</i> var. <i>regius</i>	ribbonwood, manatu			f		r(T)
<i>Pseudopanax arboreus</i> var. <i>arboreus</i>	fivefinger, whauwhaupaku	m	a	a	a	lc
<i>P. colensoi</i> var. <i>colensoi</i>	mountain fivefinger	m	f	a	a	f lc
<i>P. crassifolius</i>	lancewood, horoeka	a	f	m	m	u
<i>Quintinia serrata</i>	Westland quintinia, tawheowheo			f		
<i>Raukawa edgerleyi</i> (syn. <i>Pseudopanax edgerleyi</i> Ref. 37)	rauikawa			f	m	u
<i>R. simplex</i> (syn <i>P. simplex</i> Ref. 37)	haumakaroa	f	a	a	m	*
<i>Schefflera digitata</i>	pate	m	f	f	m	l
<i>Sophora microphylla</i>	kowhai	f				rT
* <i>Sorbus aucuparia</i>	rowan			* ¹		
<i>Streblus heterophyllus</i>	small-leaved milk tree		f			
<i>Weinmannia racemosa</i>	Kamaha	m	a	a	a	a

UP TO HERE – RENEÉ

**Angiosperm shrubs
(99 species, subspecies and varieties)**

<i>Alepis flavida</i>	yellow mistletoe, pirita			f		* ²
<i>Alseuosmia pusilla</i>	mountain alseuosmia, lesser karapapa			m	f	c
<i>A. turneri</i>	karapapa			m	f	*
<i>Androstoma empetrifolia</i> (syn <i>Cyathodes empetrifolia</i> (Ref. 54))	bog mingimingi	m	m	m		m *PT
<i>Aristotelia fruticosa</i> var. <i>microphylla</i>	mountain wineberry	m	f	a	f	f *
<i>A. fruticosa</i> var. <i>microphylla</i> x <i>A. serrata</i>				f	f	*
<i>Brachyglottis bidwillii</i> var. <i>bidwillii</i>		a	f	a	f	f *
<i>B. repanda</i>	rangiora	m	m	a	a	l
<i>B. bidwillii</i> x <i>B. rotundifolia</i>				f		
* <i>Calluna vulgaris</i>	heather					
<i>Carmichaelia australis</i> ³ (Ref. 30 & 32)	native broom	m	f	m		f *T
<i>C. nana</i>	dwarf broom	f			f	
<i>Coprosma acerosa</i> var. <i>brunnea</i>	sand coprosma	f	f	f	f	
<i>C. cheesemanii</i>		a	a	a	a	a l
<i>C. colensoi</i> (incl. <i>C. banksii</i>)		m		a	f	
<i>C. decurva</i>				f		*Tunc
<i>C. depressa</i>						
<i>C. foetidissima</i>	stinkwood	a	f	a	a	f *
<i>C. grandifolia</i>	raureka, kanono, manono	m	f	a	m	lc
<i>C. linariifolia</i>	mikimike, yellowwood	f	f			
<i>C. lucida</i> (incl. <i>C. australis</i>)	shiny karamu	f	m	m	f	*PTunc
<i>C. microcarpa</i>	small-seeded coprosma	a	m	m	m	f u
<i>C. perpusilla</i>	creeping coprosma	a	a	a	m	m *
<i>C. petriei</i>	turfy coprosma		f			f
<i>C. propinqua</i> subsp. <i>propinqua</i> (incl. <i>C. propinqua</i> var. <i>latiuscula</i>)		f		f	f	f
<i>C. pseudocuneata</i> (Ref. 25)		a	f	a	a	f *
<i>C. rhamnoides</i> (incl. <i>C. polymorpha</i>)		m	m	f	f	
<i>C. rigida</i>		f		f		*

¹ *Sorbus aucuparia* has been controlled near the Bruce Rd. lahar mounds and near National Park township

² Seen at Rotuponamu, (P. deLange 1987) however the host tree has subsequently died.

³ Druce lists *Carmichaelia arborea* as uncommon on Tihia, but as this species is found only in the South Is. (Ref. 4 & 5) it has not been included in the list (CRB). Druce thought that *C. arborea* was the correct name for *C. flag.* *C. cum.* etc., but Heenan has equated all these with *C. australis*.

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>C. robusta</i>	karamu	m	m	f		lc
<i>C. rotundifolia</i>	round-leaf coprosma			f	f	
<i>C. rugosa</i>		m	f	m		*TK
<i>C. tenuifolia</i>	wavy-leaf coprosma	a	a	a	a	a
<i>C. subsp. t. "taylorae"</i> (Ref 17)		a	f	a	a	f c
<i>C. sp. c. "oreophila"</i> (Ref 17)		m	f	f	a	f *
<i>C. foetidissima</i> x <i>C. pseudocuneata</i>			f			
<i>C. propinqua</i> x <i>C. robusta</i>						o
<i>C. propinqua</i> subsp. <i>propinqua</i> x <i>C. tenuifolia</i>						
<i>C. robusta</i> x <i>C. tenuifolia</i>						*Punc
<i>C. rugosa</i> x <i>C. tenuifolia</i>						
<i>Coriaria arborea</i> var. <i>arborea</i>	tutu	a	a	m	m	l
<i>C. plumosa</i>	mountain tutu		f	f	f	
<i>C. pteridoides</i>	small-leaved tutu	a	a	a	m	m *
<i>C. arborea</i> x <i>C. pteridoides</i>		m		m		*Tunc
<i>Corokia cotoneaster</i> var. <i>cotoneaster</i>	small leaved korokio		f			f *?
* <i>Cotoneaster microphyllus</i>		f				
* <i>Cotoneaster simonsii</i>		m				
* <i>Cytisus scoparius</i>	broom	a				
<i>Dactylanthus taylorii</i>	wood rose, pua o te reigna,			f		*
<i>Dracophyllum longifolium</i> (incl. <i>D. filifolium</i>)	inanga, inaka	a	f	a	a	*
<i>D. recurvum</i>	curved leaf neinei, mountain inaka	a	a	a	a	a
<i>D. strictum</i>	grass tree, totorowhiti			f		
<i>D. subulatum</i>	monoa, monowai scrub	m	a	f	a	a *
<i>D. longifolium</i> x <i>D. recurvum</i>		f		f	f	*PK
<i>D. longifolium</i> x <i>D. subulatum</i>		f		f		*
<i>D. recurvum</i> x <i>D. subulatum</i>		f	f		f	f
<i>Epacris alpina</i>	nehenehe	m	a	a	a	a *
<i>Erica vagans</i> ⁴	Cornish heath	unc				
<i>Erica cinerea</i>		m				
<i>Gaultheria antipoda</i>	bush snowberry, tawiniwini, takapo	a	a	f	m	f *
<i>G. colensoi</i>	mountain gaultheria	a	m	a	a	m *T
<i>G. unnamed</i> (<i>G. depressa</i> var. <i>novae zelandiae</i>)	creeping snowberry	a	a	m	m	a *
<i>G. macrostigma</i>		m	a	f	a	f
<i>G. paniculata</i>	gaultheria	f	f	f		
<i>G. antipoda</i> x <i>G. colensoi</i>						
<i>G. antipoda</i> x <i>G. paniculata</i>						
<i>G. antipoda</i> x <i>G. depressa</i>						
<i>G. colensoi</i> x <i>G. paniculata</i>						
<i>G. colensoi</i> x <i>G. depressa</i>						
<i>G. colensoi</i> x <i>G. sp.</i>						*T
<i>G. antipoda</i> x <i>G. macrostigma</i>						
<i>G. colensoi</i> x <i>G. macrostigma</i>						
<i>G. depressa</i> x <i>G. macrostigma</i>						
<i>G. paniculata</i> x <i>G. macrostigma</i>						
<i>G. sp.</i> x <i>G. macrostigma</i>						*
<i>Geniostoma rupestre</i> var. <i>ligustrifolium</i>	hangechange					*
<i>Hebe odora</i>	mountain koromiko	m	f	a	m	*KTunc
<i>H. stricta</i> var. <i>stricta</i>	koromiko	a	m	a	m	m
<i>H. stricta</i> var. <i>egmontiana</i> (Ref 42)		f				

⁴ A small infestation of *Erica vagans* occurs near the start of Mangatepopo road (S19 284270).

Species Name	Common Name NV	WT	ET	WR	SR	ER	
<i>H. tetragona</i> var. <i>tetragona</i>	North Island whipcord hebe	a	a	f	a	m	*
<i>H. venustula</i> (incl. <i>H. brachysiphon</i>)	mountain koromiko	a	a	a	a	a	*
<i>H. stricta</i> x <i>H. venustula</i>				f			*unc
<i>H. stricta</i> x <i>H. parviflora</i>		f					
<i>H. tetragona</i> x <i>H. odora</i>						f	*Kunc
<i>Helichrysum lanceolatum</i>	hells bells		f	f			*
* <i>Leycesteria formosa</i>	Himalayan honeysuckle				f		O
* <i>Lupinus arboreus</i>	tree lupin	f					
<i>Melicope simplex</i>	poataniwha	m		f			*
<i>Melicytus alpinus</i> s. l.	porcupine shrub			f		f	
<i>Melicytus flexuosus</i> ⁵	leafless mahoe		rare				
<i>Muehlenbeckia axillaris</i>	creeping pohuehue	a	m	m	m	a	
<i>Myrsine divaricata</i>	weeping mapou	a	f	a	a	f	*
<i>M. nummularia</i>	creeping mapou	m	f	m	m	f	*
<i>M. nummularia</i> x <i>M. salicina</i>							*Tunc
<i>Neomyrtus pedunculatus</i>	mountain rohuu	a	a	a	a		*
<i>Olearia arborescens</i>	tree daisy	m	m	a	m	m	*
<i>O. ilicifolia</i>	mountain holly						*
<i>O. nummularifolia</i> var. <i>nummularifolia</i>	golden olearia	a	a	a	f	m	*
<i>O. rani</i>	heketara	f					*unc
<i>O. virgata</i> var. <i>centralis</i> (Ref. 7)	twiggy tree daisy			f			*Tunc
<i>O. arborescens</i> x <i>O. ilicifolia</i>				f			*PK
<i>Ozothamnus leptophyllus</i> ⁶	mountain tauhinu	m	a	m	a	a	*
<i>Ozothamnus vauvilliersii</i>							
<i>Pentachondra pumila</i>	dwarf heath	a	f	a	m	m	*
<i>Peraxilla colensoi</i>	scarlet mistletoe			f			
<i>P. tetrapetala</i>	red mistletoe			f	f		
<i>Pimelea buxifolia</i>		a	f	m		m	
<i>P. microphylla</i>		m	f	f	a	a	
<i>P. prostrata</i>	NZ daphne, Strathmore weed	a	a	m		m	*
<i>P. oreophila</i> ⁷	NZ daphne	f	m	f			*
<i>P. buxifolia</i> x <i>P. prostrata</i>				f			
<i>Pittosporum anomalum</i>		f	f	f		f	
<i>P. divaricatum</i>			f				
<i>P. kirkii</i>	thick leaved kohukohu			f	f		
<i>Pomaderris phyllicifolia</i> var. <i>ericifolia</i>	tauhinu						*Tunc
<i>Pseudowintera axillaris</i>	horopito, pepper tree			f	m		*
<i>P. colorata</i>	red horopito, pepper tree	a	a	a	a	f	*
<i>Raukaua anomalus</i> (Ref. 37)		m	f	m	m		*
<i>R. x parvus</i> (Ref. 7)							
<i>Rhabdothamnus solandri</i>	matata			f	f		
* <i>Rosa rubiginosa</i>	sweet briar						
<i>Styphelia colensoi</i> (syn. <i>Cyathodes colensoi</i> (Ref. 13))	creeping mingimingi	f	a			m	*
<i>S. fasciculatus</i> (syn. <i>Leucopogon fasciculatus</i> (Ref. 13))	mingimingi	m	m	a			*
<i>S. fraseri</i> (syn. <i>C. fraseri</i> (Ref. 13))	patotara	a	a	a	m	m	
<i>S. juniperina</i> (syn. <i>C. juniperina</i> (Ref. 13))	prickly mingimingi	a	a	m	m	f	

⁵ *Melicytus flexuosus* (declining de Lange, 1999 and Cat. C) has been recorded by Cheesman (no year) at Lake Tama, between Ngauruhoe and Ruapehu (AK 5301) and P.Hynes/A.D.Mead 1968 off Waihohonu track.

⁶ *Ozothamnus vauvilliersii* is very distinct from *O. leptophyllus* s.s.. It is suggested by CO that the former species is also maintained on the list.

⁷ *Pimelia suteri* is found in the South Is. only, so it has been removed from the list. It is more likely to be *P. oreophila*, so this species has been added instead (CRB) (Ref. 45).

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>S. pumila</i> (syn. <i>C. pumila</i> (Ref. 13))	New Zealand spinach			f		*
* <i>Ulex europaeus</i>	gorse	f		f		f
<i>Tupeia antarctica</i> ⁸	white mistletoe		m		f	
<i>Urtica ferox</i>	tree nettle, ongaonga			f		
<u>Lianes (14 species)</u>						
<i>Clematis forsteri</i> (incl. <i>C. hookeriana</i> , <i>C. australis</i> & <i>C. petriei</i>)	puataua, small white clematis					f
<i>C. paniculata</i>	white clematis, pua wananga	f	m	m	m	
<i>C. quadribracteolata</i>			f			
<i>Metrosideros colensoi</i>	climbing rata			f	f	
<i>M. diffusa</i>	pink rata, akatea			f	a	
<i>M. perforata</i>	small white rata, akatorotora, akatea			f		
<i>Muehlenbeckia australis</i>	pohuehue	m	f	f	m	f
<i>M. complexa</i>	small leaved pohuehue					f
<i>M. australis</i> x <i>M. axillaris</i>			f			
<i>M. australis</i> x <i>M. complexa</i>						f
<i>Parsonsia capsularis</i>	small flowered jasmine, kaiwhiria	m	m	m	m	*
<i>P. heterophylla</i>	native jasmine, kaihua, akakaikiore		f	f		
<i>Passiflora tetrandra</i>	kohia					*P
<i>Ripogonum scandens</i>	supplejack, kareao			f		*
<i>Rubus cissoides</i> (narrow-leaved var.)	bush lawyer, tataramoa	m	a	a	a	*
<i>R. schmideloides</i>	bush lawyer, tataramoa	f	f	m	m	*
<i>R. cissoides</i> x <i>R. schmideloides</i>						
<u>Psilopsids and Lycopods (10 species)</u>						
<i>Huperzia australiana</i> (syn. <i>Lycopodium australianum</i> (Ref. 7))	fir club-moss	f	f	f	f	f
<i>Lycopodiella cernuum</i> (syn. <i>Lycopodium cernuum</i> (Ref. 7))	club moss		f			
<i>L. lateralis</i> (incl. <i>L. ramulosum</i>) (syn. <i>Lycopodium laterale</i> (Ref. 7))	club moss			f		
<i>Lycopodium deuterodensum</i>	club moss					PT(unc)
<i>L. fastigiatum</i>	alpine club moss	a	f	a	a	a
<i>L. scariosum</i>	creeping club moss	m	f	m	m	m
<i>Huperzia varia</i> (<i>Lycopodium. varium</i> (incl. <i>L. billardieri</i> and <i>L. novae-zelandicum</i>))	iwituna, hanging club moss		m	f	m	f
<i>L. volubile</i>	waewaekoukou, climbing club moss	f	f	f		f
<i>Tmesipteris elongata</i> (incl. subsp. <i>robusta</i>)					f	
<i>T. tannensis</i>			f	m	m	
<u>Ferns (79 species and subspecies)</u>						
<i>Adiantum cunninghamii</i>	common maidenhair		f	f		
<i>Asplenium bulbiferum</i> subsp. <i>bulbiferum</i>	hen and chicken fern	f	f	a	f	
<i>A. flaccidum</i>	hanging spleenwort			f		
<i>Asplenium bulbiferum</i> subsp. <i>gracillium</i>	hen and chicken fern					l
<i>A. hookerianum</i>	perching spleenwort	f	f	f	f	
<i>A. oblongifolium</i>	shining spleenwort	f	f	f	f	
<i>A. polyodon</i>	sickle spleenwort		f	a	m	

⁸ *Tupeia antarctica* is reasonably common on putaputaweta (*Carpodetus serratus*) in Hall's totara forest on the northern slopes of Mt. Tongariro (AUK.) and occasional on Raetihi Hill (Ohakune).

Species Name	Common Name NV	WT	ET	WR	SR	ER	
<i>A. richardii</i>	Richard's spleenwort			f			
<i>A. appendiculatum</i> (syn. <i>A. terrestre</i> subsp. <i>terrestre</i> (Ref. 7))	ground spleenwort	a	a	a	a	f	
<i>Asplenium bulbiferum</i> x <i>A. flaccidum</i>							*
<i>Asplenium bulbiferum</i> x <i>A. hookerianum</i>							*
<i>A. flaccidum</i> x <i>A. appendiculatum</i>							
<i>Blechnum chambersii</i>	lance fern, kiokio		f	f	f		
<i>B. colensoi</i>	kiokio	m	m	m	m		
<i>B. discolor</i>	crown fern, piupiu	m	m	a	a		
<i>B. fluviatile</i>	kiwakiwa, ray water fern	m	a	a	a		
<i>B. minus</i>	swamp kiokio			f			
<i>B. montanum</i>	mountain kiokio				f		
<i>B. nigrum</i>	black hard fern			f			
<i>B. novae-zelandiae</i>	kiokio	m	f	a	f		
<i>B. penna-marina</i>	alpine hard fern	a	f	a	a	m	
<i>B. procerum</i>	small kiokio	a	a	a	a		
<i>B. vulcanicum</i>	mountain hard fern, kiokio	m	m	f			
<i>B. montanum</i> x <i>B. novae-zelandiae</i>							K unc
<i>Botrychium australe</i>	parsley fern, patotara	f	f		f		
<i>B. bifforme</i>	parsley fern, patotara	f					
<i>Crepidomanes venosum</i> (syn. <i>Trichomanes venosum</i> (Ref. 7))	veined filmy or bristle fern				f		
<i>Ctenopteris heterophylla</i>		a	a	f	m		
<i>Cyathea colensoi</i>	prostrate ponga, Mt. tree fern			f			
<i>C. dealbata</i>	ponga, silver fern	f	f	f			
<i>C. medullaris</i>	mamaku, black tree fern						
<i>C. smithii</i>	soft tree-fern	f	f	a	a		
<i>Cystopteris tasmanica</i>	bladder fern			f			
<i>Dicksonia fibrosa</i>	wheki ponga		f	f	a		
<i>D. lanata</i> s.s.	prostrate wheki		f	a	f		
<i>D. squarrosa</i>	wheki	m	f	f			
<i>Gleichenia dicarpa</i>	bog umbrella fern	a	a	a	a	a	
<i>Grammitis billardierei</i>	finger fern, strap fern			a	a		
<i>G. magellanica</i> subsp. <i>nothofageti</i>	finger fern, strap fern	m		m	m	m	
<i>G. patagonica</i>	finger fern, strap fern	f	f	f			
<i>G. poeppigiana</i>	dwarf strap fern	f		f			
<i>Histiopteris incisa</i>	water fern	m	m	m	a		
<i>Hymenophyllum bivalve</i>	filmy fern			f			
<i>H. demissum</i>	irirangi, filmy fern	f	f	f	m		
<i>H. dilatatum</i>	filmy fern	f	f	f	m		
<i>H. ferrugineum</i>	filmy fern			f			
<i>H. flabellatum</i>	filmy fern	m		f	a		
<i>H. malingii</i>	filmy fern	f		m	a		
<i>H. multifidum</i>	filmy fern	a	a	a	a	f	
<i>H. peltatum</i>	filmy fern			f			
<i>H. pulcherrimum</i>	filmy fern	f	f	f	a		
<i>H. rarum</i>	filmy fern	m	a	a			
<i>H. revolutum</i>	filmy fern		f				
<i>H. rufescens</i>	filmy fern			f			
<i>H. sanguinolentum</i>	piripiri, filmy fern	a	f	a	m	f	
<i>H. scabrum</i>	filmy fern	f	f	f			
<i>Hypolepis ambigua</i>		f	f				
<i>H. millefolium</i>	thousand leaf fern	f					
<i>H. rufobarbata</i>	sticky pig fern		f	f	f		
<i>Lastreopsis glabella</i>	smooth shield fern						*
<i>L. hispida</i>	hairy fern						*

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>Leptolepia novae-zelandiae</i>	lace fern		f	f	f	m
<i>Leptopteris hymenophylloides</i>	crepe fern	m	a	f	m	a
<i>L. superba</i>	Prince of Wales fern, heruheru	m	f	a	a	
<i>Lindsaea linearis</i>		f		f		
<i>L. trichomanoides</i>						
<i>L. viridis</i>						
<i>Microsorium pustulatum</i> (syn. <i>Phymatosorus pustulatus</i> (Ref. 7 & 34))	hound's tongue	a	m	a	a	
<i>M. novae-zelandiae</i> (syn. <i>P. novae-zelandiae</i> (Ref. 7 & 34))	hound's tongue			f	f	*
<i>Ophioglossum lusitanicum</i> (syn. <i>O. coriaceum</i> (Ref. 7))	adder's tongue	f	f	f	f	
<i>Paesia scaberula</i>	scented fern	m	f	m		
<i>Pneumatopteris pennigera</i>	feather or gully fern		f	m		
<i>Polystichum richardii</i>	common shield fern, black shield fern		f		f	
<i>P. silvaticum</i>				f		
<i>P. vestitum</i>	punui, prickly shield fern	a	a	a	f	f
<i>Pteridium esculentum</i>	bracken	a	a	a	a	
<i>Pteris macilenta</i>						
<i>P. tremula</i>						
<i>Pyrrosia eleagnifolia</i>	leather leaf fern		f	f		
<i>Rumohra adiantiformis</i>	leathery shield fern			f		
<i>Schizaea</i> sp. (cf. <i>S. australis</i> and <i>S. fistulosa</i>)	comb fern			f		
<i>Sticherus cunninghamii</i>	umbrella fern	a	a	a	a	f
<i>Trichomanes reniforme</i>	kidney fern	f	f	f	f	
<u>Grasses (52 species and subspecies)</u>						
* <i>A. capillaris</i> (formerly <i>A. tenuis</i>)		f				
<i>Agrostis dyeri</i>			f	f	f	
<i>A. muscosa</i>	pincushion grass		f	f		f
<i>A. pallescens</i>			f			
<i>A. personata</i> ⁹		f	f	f		
* <i>Aira caryophyllea</i>						
* <i>Anthoxanthum odoratum</i>						
<i>Chionochloa pallens</i>	mid-ribbed snow tussock	m	f	f		
<i>C. rubra</i>	red tussock	a	a	a	a	a
<i>C. pallens</i> x <i>C. rubra</i>						
<i>Cortaderia fulvida</i>	toetoe	a	f	m	a	
<i>C. toetoe</i> ¹⁰	toetoe	f	f			
* <i>Dactylis glomerata</i>		f				
<i>Deschampsia chapmanii</i> (formerly <i>D. novae-zelandiae</i>)	hairgrass			f	f	
<i>D. tenella</i>	hairgrass			f		
<i>Deyeuxia aucklandica</i>	windgrass	f	f	f		
<i>D. avenoides</i> (incl. <i>D. avenoides</i> var <i>brachyantha</i>)		f	a	f	m	
<i>D. quadriseta</i> agg.				f		f
<i>Dichelachne crinita</i>	plume grass, floating sweet grass		f			f
<i>Elymus multiflorus</i>						Punc
<i>E. rectisetus</i> agg.	blue wheat grass		m		m	m
<i>Festuca novae-zelandiae</i> var.	hard tussock	m	a	f	m	m
<i>Hierochloa recurvata</i>	holy grass	m	m	f	f	

⁹ Druce had listed this species as *A. peremans*, however no reference to this species name, even as an old synonym, can be found. It is most likely to be *A. personata*. Druce also listed *A. subulata*, but as this species is only found in the subantarctic islands (Ref. 22) It has not been included in the list. CRB

¹⁰ This record doubted by CO – not on Volcanic Plateau?

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>H. redolens</i>	holy grass	a	m	m	m	a
* <i>Holcus lanatus</i>		f				
<i>Koeleria cheesemanii</i>				f		
<i>Lachnagrostis filiformis</i> ¹¹	NZ wind grass, tumble grass		f			
<i>L. pilosa</i> subsp. <i>pilosa</i> (syn. <i>L. richardii</i> (Ref. 21))	tumble grass					f
<i>L. striata</i>			f		f	f
<i>L. sp.</i> (unnamed)				f		
<i>Microlaena avenacea</i>	bush rice grass	m	m	a	a	
<i>M. stipoides</i> (syn. <i>Ehrharta stipoides</i>)	meadow rice grass	m	m			
<i>Poa anceps</i> subsp. <i>anceps</i> (Ref. 20)	broadleaved poa	f	f	f		
* <i>P. annua</i>		f				
<i>P. breviglumis</i>			f	f		
<i>P. colensoi</i>	blue tussock	a	f	a	a	f
<i>P. imbecilla</i>	weak poa			f		
<i>P. cita</i> (syn. <i>P. laevis</i> (Ref. 20))	silver tussock	a	a	a	a	a
<i>P. novae-zelandiae</i>	drooping poa	f		f		
* <i>P. pratensis</i>						
<i>P. pusilla</i>				f		
<i>P. anceps</i> subsp. <i>anceps</i> x <i>P. cita</i> ¹²			m			m
<i>Rytidosperma buchananii</i>	slender danthonia		f			
<i>R. clavatum</i> (formerly <i>Austrodanthonia clavata</i>)	danthonia	f	a	f	f	
<i>R. gracile</i>	danthonia	m	f	a	m	a
<i>R. nudum</i>	danthonia			f		
<i>R. pulchrum</i>	danthonia	m	f	f	f	
<i>R. pumilum</i> (formerly <i>Erythranthera pumila</i>)		f				
<i>R. setifolium</i>	bristle tussock, mountain danthonia	a	a	a	a	a
<i>R. viride</i>	danthonia		f			f
* <i>Schedonorus phoenix</i> (<i>Festuca arundinacea</i> s.l.)						
<i>Stenostachys gracilis</i> (formerly <i>Elymus nharduroides</i>)	rye			f		
<i>Trisetum antarcticum</i>			f	f		f

Sedges (62 species)

<i>Baumea rubiginosa</i>		m		a		
<i>B. tenax</i>		f		a		
<i>Carex acicularis</i>	cyprus sedge			f		
<i>C. astonii</i> (CHR210311) ¹³	cyprus sedge			f		
<i>C. breviculmis</i>	grassland sedge	m	m	f		
<i>C. carsei</i>				f		
<i>C. comans</i>	longwood tussock	m	m	f		
<i>C. coriacea</i>	cutty grass	a	m	a	a	a
<i>C. dipsacea</i>		f		f	f	
<i>C. dissita</i>		f	f	f	f	f
<i>C. echinata</i>	star sedge	a	f	a		a
<i>C. forsterii</i>			f			
<i>C. maorica</i>						

¹¹ Druce had placed *Lachnagrostis glabra* on the list, but as this species is found only in the South Is. (Ref. 21) it has not been included. CRB

¹² Not accepted by Edgar.

¹³ A.P.Druce, Feb.1971. Hauhangatahi Basin, 3700' in red tussock grassland

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>C. pyrenaica</i> ¹⁴				f		
<i>C. rubicunda</i>				*		f
<i>C. secta</i> var. <i>secta</i>	pukio, niggerhead	a	f	a		
<i>C. sinclairii</i>		f		f		
<i>C. solandri</i>			f	m	f	
<i>C. testacea</i>	speckled sedge		f			
<i>C. uncifolia</i>				f		
<i>C. virgata</i>	swamp sedge		f			
<i>Carpha alpina</i>		a	f	a	a	a
<i>Eleocharis acuta</i>	sharp spike sedge			f		m
<i>E. gracilis</i>	slender spike sedge	m	f	a	m	m
<i>E. sphacelata</i>						
<i>Gahnia pauciflora</i>	cutty grass		f			
<i>G. procera</i>	mountain cutty grass	m	f	a	a	
<i>G. xanthocarpa</i>	cutty grass			f		
<i>Isolepis aucklandica</i>			m	m	a	m
<i>I. crassiuscula</i>		f	m	m		a
<i>I. fluitans</i>			f		f	a
<i>I. habra</i>				f		
<i>I. inundata</i>				f		
<i>I. pottsii</i>			f	f		f
<i>I. prolifer</i>	three square			f		
<i>I. reticularis</i>						
<i>I. subtilissima</i>		f		m	f	m
<i>Lepidosperma australe</i>	square sedge	a	f	a		a
<i>Machaerina sinclairii</i>				f		
<i>Oreobolus pectinatus</i>	comb sedge	a	a	a	m	m
<i>Schoenus concinnus</i>		f				f
<i>S. fluitans</i>				f		
<i>S. maschalinus</i>	dwarf bog rush	f		f		
<i>S. pauciflorus</i>	bog rush, sedge tussock	a	f	a	a	m
<i>Uncinia affinis</i>	hook grass	f		f		
<i>U. banksii</i>	hook grass					
<i>U. caespitosa</i>	hook grass		f			
<i>U. clavata</i>	hook grass, fish hooks	f		m		
<i>U. distans</i>	hook grass			f		
<i>U. divaricata</i>	hook grass		m	m		
<i>U. ferruginea</i>	hook grass		f	f	f	
<i>U. filiformis</i>	hook grass			f		
<i>U. fuscovaginata</i>	hook grass			f		
<i>U. gracilentia</i>	hook grass		f	m		
<i>U. obtusifolia</i> (CHR286459B; CHR389408)	hook grass (on Tongariro and Ruapehu)	f		m		
<i>U. rubra</i>	hook grass	m	f	m	f	
<i>U. rupestris</i>	hook grass	f	a	a	a	f
<i>U. scabra</i>	hook grass	m	m	m		
<i>U. silvestris</i>	hook grass			f		
<i>U. uncinata</i>	hook grass		m	a	a	
<i>U. viridis</i>	hook grass	f	f			
<i>U. zotovii</i>	hook grass	f	f	a	a	

¹⁴ Not in Vol.2 of Flora of NZ for here.

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>Centrolepis ciliata</i>		f	f	f		f
<i>C. pallida</i>				f		
<i>Empodisma minus</i>	wire-rush	a	f	a	a	a
<i>Juncus antarcticus</i>	dwarf or jointed rush			f	f	
* <i>J. articulatus</i>	jointed rush					
<i>Juncus bulbosus</i>	bulbous rush					
* <i>J. effusus</i>	soft rush					
<i>J. gregiflorus</i>	leafless rush	m	f	m		f
<i>Juncus holoschoenus</i> (AK108996, CHR 3693) ¹⁵	rush		*	*		
<i>J. novaezelandiae</i>	dwarf rush		f	a	a	a
<i>J. planifolius</i>	flat leaved or grass leaved rush	f				f
<i>J. pusillus</i>	dwarf rush			f		f
* <i>J. tenuis</i>						
<i>Luzula colensoi</i> ¹⁶	dwarf alpine woodrush	m	f	m	m	f
<i>L. decipiens</i>	woodrush		f			
<i>L. migrata</i>	woodrush	m	f	f	a	m
<i>L. picta</i> var. <i>limosa</i> (syn. <i>L. limosa</i> (Ref. 45))	woodrush	f				
<i>L. picta</i> var. <i>picta</i> (syn. <i>L. picta</i> (Ref. 45))	woodrush	f	f	f		m
<i>L. picta</i> var. <i>pallida</i> (syn. <i>L. subclavata</i> (Ref. 45))	woodrush		f	f		
<i>L. colensoi</i> x <i>L. migrata</i>	woodrush			f		

Orchids (41 species)

<i>Adenochilus gracilis</i>	slender forest orchid	f	f	f		
<i>Aporostylis bifolia</i>	odd leaved orchid	f	f	f		f
<i>Caladenia</i> aff. <i>carnea</i> (syn. <i>C. catenata</i> (Ref. 51))	pink finger, pink orchid	f	f			
<i>Caladenia lyallii</i>	white fingers, white orchid	f	f			
<i>Chiloglottis cornuta</i>	green bird orchid	f	m	m	m	
<i>Corybas macranthus</i>	large spider orchid		f	f	f	
<i>C. oblongus</i>	spider orchid	f		f		
<i>C. orbiculatus</i> ¹⁷	dancing spider orchid	m	f	f		
<i>C. rivularis</i> avct non <i>C. rivularis</i> s.s. ¹⁸	spider orchid	f				
<i>C. trilobus</i>	common spider orchid	a	a	a	f	
<i>C. "rest area"</i>	spider orchid		f			
<i>Drymonanthus adversus</i>	green fleshy orchid					
<i>Earina autumnalis</i>	Easter orchid		f	f	f	
<i>E. mucronata</i>	bamboo orchid	f	f	f	m	
<i>Gastrodia cunninghamii</i>	black orchid, potato orchid		f	f		
<i>G. minor</i>			f			
<i>Genoplesium nudum</i>						
<i>Microtis oligantha</i>	small onion orchid		f	f		
<i>M. unifolia</i>	microstis, onion orchid					
<i>Orthoceras novaezelandiae</i>	horned orchid		m	m		
<i>Prasophyllum colensoi</i>	leek orchid	m	f	a	m	a
<i>Prasophyllum</i> aff. <i>patens</i>	swamp leek orchid			f		

¹⁵ This species has been recorded twice with in Tongariro National Park. AK108996, by J.E.Attwood 1930 in the Waihohonu catchment in Tongariro National Park and CHR3693 at Hauhangatahi by H.H.Allan (no-date).

¹⁶ Druce listed *L. crinita* var. *petriana*, but as this species is found only in the South Is. (Ref. 45) it has not been included. CRB

¹⁷ This species was originally listed as *C. rivularis*, however this species is a coastal or semi-coastal forest species (Ref. 40). It is more likely to be *C. orbiculatus* which is found in the Tongariro National Park. *C. iridescens*, a newly described species, may also be present in the Park (Ref. 40). CRB

¹⁸ Suspected by CO to be *C. iridescens*, which is very near TNP on west side.

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>Pterostylis cardiostigma</i>	green hooded orchid	f		f		
<i>P. humilis</i>						
<i>P. micromega</i>				f	f	
<i>P. paludosa</i> (syn. <i>P. linearis</i> (Ref. 7))				f		
<i>P. patens</i> (syn. <i>P. banksii</i> var. <i>patens</i> (Ref. 7))	tukukiwi			f	f	
<i>P. venosa</i>						
<i>P. sp.</i> (aff. <i>P. graminea</i> and <i>P. montana</i>)			f	f	m	
<i>Spiranthes sinensis</i> subsp. <i>australis</i>	ladies' tresses orchid			m		
<i>Thelymitra cyanea</i> (syn. <i>T. venosa</i> (Ref. 45))	striped sun orchid	f	f	a		m
<i>T. formosa</i>	sun orchid		f	f		f
<i>T. hatchii</i>	sun orchid			f		
<i>T. longifolia</i>	maikuku, sun orchid	m	f			m
<i>T. nervosa</i> (syn. <i>T. decora</i> (Ref. 51))	sun orchid	m	f	m		m
<i>T. pauciflora</i>	sun orchid		f	f		
<i>T. pulchella</i>	sun orchid			f	f	
<i>T. "Whakapapa"</i>				a		
<i>T. sp.</i> (unknown)						T
<i>Townsonia deflexa</i> ¹⁹ (syn. <i>Acianthus viridis</i>)	pixiecap orchid			f		
<i>Winika cunninghamii</i> (syn. <i>Dendrobium cunninghamii</i> (Ref. 51))	ladies slipper orchid			f	f	

Monocot herbs (excluding grasses, sedges, rushes and orchids) (21 species)

<i>Arthropodium candidum</i>	small rengarenga lily			f		
<i>Astelia fragrans</i>	bush flax	m	a	a		
<i>A. grandis</i>	swamp astelia			a	a	
<i>A. sp.</i> (unnamed; aff. <i>A. nervosa</i>)		a	m	a	a	
<i>A. solandri</i>				f	f	
<i>Bulbinella hookeri</i>	maori onion					f
<i>Collospermum microspermum</i>			f	a	f	
<i>Dianella nigra</i>	blueberry, ink berry		f	f		
<i>Herpolirion novae-zelandiae</i>	grass lily, sky lily	m	f	f		
<i>Lemna minor</i> (of NZ authors)	common duck weed					f
<i>Libertia ixioides</i>	mikoikoi, NZ iris	f	f	f	f	
<i>Libertia pulchella</i>			f	a	m	
<i>Luzuriaga parviflora</i>	lantern berry		f	f	a	m
<i>Phormium cookianum</i>	wharariki, NZ mountain flax	f	m	f		
<i>P. tenax</i>	harakeke, NZ flax	a	f	a		
<i>P. cookianum</i> x <i>P. tenax</i>						
<i>Potamogeton suboblongus</i>	mud pondweed	a	f	m	f	f
<i>Sparganium subglobosum</i>						
<i>Thismia rodwayi</i>		f	f			
<i>Triglochin striatum</i>	arrow grass	f	f	f		f
<i>Typha orientalis</i>	raupo, bulrush	f		f		

Composit herbs (60 species)

* <i>Achillea millefolium</i>	common yarrow	f				
<i>Anaphalioides alpina</i> (Ref. 27)		a	f	a	a	a
<i>A. bellidioides</i> (syn. <i>Helichrysum bellidioides</i> (Ref. 27))	everlasting daisy, hells bells	f	f	f		

¹⁹ Druce listed this species as *Acianthus viridis*, however this has since been reclassified as *Townsonia* a two species genus. *T. deflexa* is the New Zealand species and *T. viridis* is found in Tasmania (Ref. 51).

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>A. trinervis</i> (syn. <i>Anaphalis keriense</i> (Ref. 27))	everlasting daisy	f	f	m		
<i>Brachyscome radicata</i>	ronui	f		f		
<i>Celmisia glandulosa</i> var. <i>glandulosa</i> (incl. <i>C. g.</i> var. <i>latifolia</i>)		f	f	f	a	a
<i>C. gracilentata</i> var. <i>gracilentata</i> (incl. <i>C. setacea</i>)	pekapeka, mountain daisy	a	m	m	m	m
<i>C. incana</i> (incl. <i>C. discolor</i>)	woolly / white mountain daisy	f	f	a	f	f
<i>C. spectabilis</i> var. <i>spectabilis</i>	common monuntain daisy	a	f	a	m	m
<i>C. glandulosa</i> x <i>C. setacea</i>				f		
<i>C. gracilentata</i> x <i>C. spectabilis</i>	mountain daisy	a	f	a	m	m
* <i>Cirsium arvense</i>	thistle					
* <i>C. vulgare</i>	scotch thistle, spear thistle					
* <i>Conyza</i> sp., probably <i>C. albida</i>	fleabane					
<i>Craspedia minor</i> var. <i>minor</i> (incl. woollyhead, <i>C. major</i>)						f
<i>C. sp.</i> (a) (unnamed; aff. <i>C. uniflora</i>)	woollyhead	a	m	a	m	a
<i>C. sp.</i> (b) (unnamed; aff. <i>C. uniflora</i>)	woollyhead		f	f		
* <i>Crepis capillaris</i>	smooth hawksbeard					
<i>Euchiton audax</i> (syn. <i>Gnaphalium audax</i> (Ref. 53))	creeping cudweed	f	m	f		
<i>E. delicatus</i> (syn. <i>G. delicatum</i>)	creeping cudweed			f		
<i>E. gymnocephalus</i> (syn. <i>G. gymnocephalum</i>)	creeping cudweed			f		
<i>E. limosus</i> (syn. <i>G. limosum</i>)	creeping cudweed	f	m	f		
<i>E. mackayi</i> (syn. <i>G. mackayi</i>)	mat cudweed			f		
<i>E. polylepis</i>			f	f	f	f
<i>E. ruahenicus</i> (syn. <i>G. ruahenicum</i>)	creeping cudweed			f		
<i>E. sphaericus</i> (syn. <i>G. sphaericum</i>)	common cudweed					
<i>E. traversii</i> (syn. <i>G. traversii</i>)			f	f		f
<i>E. sp.</i> (c) (unnamed; "example 3" of Drury 1972)					a	
<i>E. sp.</i> (d) (unnamed; aff. <i>E. polylepis</i>)					f	
<i>E. sp.</i> (e) (unnamed; aff. <i>E. limosus</i>)			f			
* <i>Gnaphalium coarctatum</i> (formerly <i>G. spicatum</i>)	purple cudweed					
<i>Helichrysum filicaule</i>	creeping everlasting daisy	f	f	f		
* <i>Hieracium pilosella</i>	mouse-ear hawkweed	f				
* <i>Hypochoeris radicata</i>	catsear					
<i>Lagenifera cuneata</i>	slender NZ daisy	m	f	f	f	f
<i>L. pumila</i>	daisy, papataniwhaniwha	m	a	a		f
<i>L. strangulata</i>	daisy, parani	m	a	a	m	
<i>L. cuneata</i> x <i>L. pumila</i>						
<i>Leptinella pusilla</i>			f			
<i>L. squalida</i>		m	f	f		
<i>Leucogenes leontopodium</i> (Ref. 38)	North Island edelweiss			f		
<i>Microseris scapigera</i>		m	f	f	f	m
* <i>Mycelis muralis</i>	wall lettuce					
<i>Pseudognaphalium luteoalbum</i> agg.	Jersey cudweed	f	m			
<i>Raoulia albosericea</i>	silver raoulia	a	a	a	a	a
<i>R. sp.</i> (a) (aff. <i>australis</i>)	scabweed	f	f		f	
<i>R. glabra</i>	mat daisy			f		
<i>R. grandiflora</i>	large flowered mat daisy	f	f			
<i>R. haasti</i>	green vegetable sheep					
<i>R. tenuicaulis</i>	tutahuna , mat daisy	a	f	a	a	m
<i>R. sp.</i> (unnamed)						
<i>R. sp.</i> (unnamed)						
* <i>Senecio alkinsoniae</i>						
<i>S. glomeratus</i> (<i>Erectites arguta</i>)	fireweed, native groundsel					f
<i>S. hispidulus</i> (<i>Erectites scaberula</i>)	fireweed, native groundsel		f			
* <i>S. jacobaea</i>	ragwort, St. James wort, tansy ragwort					
<i>S. minimus</i>	fireweed, native groundsel	f	m	m	m	

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>S. rufiglandulosus</i> var. <i>rufiglandulosus</i>	fireweed, native groundsel			f		
<i>S. wairauensis</i>	fireweed, native groundsel		f			f
* <i>Sonchus asper</i>	prickly sow thistle					
* <i>S. oleraceus</i>	common sow thistle					
<i>T. magellanicum</i>	native dandelion		f	f		
* <i>Taraxacum officinale</i>	dandelion					
<u>Dicot herbs (excluding composites)</u>						
<u>(153 species, subspecies and varieties)</u>						
<i>Acaena anserinifolia</i>	bidibid, hutiwai, pipiripi	m	f	a	a	m
<i>A. microphylla</i> s.s	bidibid	f	m	f		
<i>A. novae-zelandiae</i>	bidibid	f	a			f
<i>A. emittens</i>	bidibid		f		f	f
<i>A. microphylla</i> x <i>A. novae-zelandiae</i>	bidibid					
<i>Aciphylla colensoi</i> var. <i>colensoi</i>	taramea, spaniard, Taramea, giant speargrass		f			f
<i>Aciphylla</i> aff. <i>squarrosa</i>	karamea, spaniard, Karamea, speargrass		m	f	m	m
<i>Anisotome aromatica</i>	aromatic aniseed	a	a	a	a	m
<i>Australina pusilla</i>				f		
<i>Callitriche</i> sp.	starwort			f		
<i>Cardamine</i> sp (a) (aff. <i>C. debilis</i> cf 'Long Style' (Ref. 48))	NZ bitter cress			m	a	a
<i>C.</i> sp. (b) (aff. <i>C. debilis</i> cf 'Glossy Leaf' (Ref. 48))						
<i>C.</i> sp. (b) (aff. <i>C. debilis</i> cf <i>C. corymbosa</i> (Ref. 48))						
* <i>Centaurium erythraea</i>	centaury					
<i>Centella uniflora</i>	centella	f		f		
<i>Colobanthus apetalus</i> (incl. <i>C. a.</i> var. <i>alpinus</i>)	colobanthus	f	f	f		
<i>Dichondra</i> sp. (cf. <i>Dichondra brevifolia</i>)	dichondra	f	f	f		
<i>Drosera arcturi</i>	sun-dew	m	f	m	m	
<i>D. binata</i>	forked / scented sundew	f		m	m	a
<i>D. peltata</i> subsp. <i>auriculata</i>	sun-dew		f			
<i>D. pygmaea</i>	sun-dew		f	f	f	a
<i>D. spathulata</i>	sun-dew	m	a	a	a	a
<i>Epilobium alsinioides</i> subsp. <i>alsinioides</i> (Ref. 13)	willowherb	f	m	f	f	a
<i>E. alsinioides</i> subsp. <i>atriplicifolium</i> (syn. <i>E. atriplicifolium</i>)	willowherb		a		m	m
<i>E. alsinioides</i> subsp. <i>tenuipes</i> (syn. <i>E. tenuipes</i>)	willowherb	a	a			a
<i>E. astonii</i>	willowherb		f	f	f	f
<i>E. billardioreanum</i> subsp. <i>billardioreanum</i>	willowherb	f				
<i>E. billardioreanum</i> subsp. <i>cinereum</i> (syn. <i>E. cinereum</i>)	willowherb	f	a			
<i>E. brunnescens</i> subsp. <i>brunnescens</i>	creeping willowherb	a	f	a	f	m
<i>E. chionanthum</i>	willowherb					m
<i>E. chlorifolium</i>	mountain willowherb	a	f			
* <i>E. ciliatum</i>	tall willowherb					
<i>E. cockaynianum</i>	willowherb	f		f		f
<i>E. glabellum</i>	willowherb	a	f	a	m	
<i>E. hectorii</i>	willowherb		m			
<i>E. insulare</i>	willowherb		f	f		
<i>E. komarovianum</i>	creeping willowherb					f
<i>E. macropus</i>	willowherb	a	f	a	f	
<i>E. nerteroides</i>	willowherb	f		f		m
<i>E. nummulariifolium</i>	creeping willowherb		f			
<i>E. pallidiflorum</i>	tarawera, swamp willowherb			f		f
<i>E. pedunculare</i>	long stalked willowherb			f		
<i>E. pernitens</i>	willowherb	a	f	f		

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>E. pycnostachyum</i>	willowherb					f
<i>E. rotundifolium</i>	round leaved willowherb		m	f		
<i>E. sp. (unnamed; incl. in E. pedunculare as subsp. minutiflorum by Raven and Englehorn 1971)</i>		a	f	m	a	a
<i>E. alsinoides</i> subsp. <i>alsinoides</i> x <i>E. alsinoides</i> subsp. <i>atriplicifolium</i>			f			
<i>E. alsinoides</i> subsp. <i>atriplicifolium</i> x <i>E. billardioreanum</i> subsp. <i>cinereum</i>			f			
<i>E. alsinoides</i> subsp. <i>atriplicifolium</i> x <i>E. alsinoides</i> subsp. <i>tenuipes</i>						f
<i>E. brunnescens</i> subsp. <i>brunnescens</i> x <i>E. sp. billardioreanum</i> subsp. <i>cinereum</i> x <i>E. alsinoides</i> subsp. <i>tenuipes</i>			f			
<i>Euphrasia cuneata</i>	North Island eye-bright	a	a	a	m	a
* <i>E. nemorosa</i>				f		
<i>E. zelandica</i>	small eye-bright	f				
* <i>Fragaria vesca</i>	alpine strawberry, wild strawberry					
<i>Forstera bidwillii</i> (incl. <i>F. b. var. densifolia</i>)		m	f	m	f	f
* <i>Galium palustre</i>	marsh bedstraw					
<i>G. perpusillum</i> (formerly <i>Asperula perpusilla</i>)	woodruff	f	f	f		
<i>G. propinquum</i>				f		
<i>Gentiana bellidifolia</i> ²⁰	mountain gentian, small snow gentian	a	a	m	m	a
<i>G. grisebachii</i>	marsh gentian	f	f	f		
<i>G. patula</i>	gentian			f		
<i>G. sp. (unnamed)</i>	gentian			m		
<i>Geranium microphyllum</i>	namunamu, small leaved cranesbill	f	f	f		m
<i>G. potentilloides</i>		m	a	m		
<i>G. sessiliflorum</i> var. <i>novae-zelandiae</i>	short flowered cranesbill	m	m			
<i>G. potentilloides</i> x <i>G. sessiliflorum</i> var. <i>novae-zelandiae</i>			f			
<i>Geum</i> sp. ²¹ (<i>G. parviflorum</i> agg.)	NZ avens	f		f		
<i>Gingidia montana</i>	mountain anise					f
<i>Glossostigma elatinoides</i>						
<i>Gonocarpus aggregatus</i>		a	m	a	m	
<i>G. micranthus</i> subsp. <i>micranthus</i>		a	a	a	m	a
<i>Gunnera dentata</i>				f		a
<i>G. monoica</i> (incl. <i>G. albocarpa</i> and <i>G. strigosa</i>)			f			
<i>G. prorepens</i> (incl. <i>G. flavida</i>)		f		f		
<i>Haloragis erecta</i> subsp. <i>erecta</i>	toatoa, shrubby haloragis			f		
<i>Hydrocotyle dissecta</i>	pennywort			f	f	
<i>H. heteromeria</i>	waxweed, pennywort		f	f	m	
<i>H. microphylla</i>	pennywort	m	f	f		
<i>H. moschata</i>	hairy pennywort	f	m	f		
<i>H. novaezeelandiae</i> var. <i>novaezeelandiae</i>	pennywort	f		f		
<i>H. pterocarpa</i>						
<i>H. sp. (unnamed; incl. in H. novae-zelandiae as var. montana by Kirk 1899)</i>		f	m	f		
<i>H. sulcata</i>	pennywort					f
<i>Hypericum japonicum</i>	matted St John's wort	f	f	f	f	
<i>H. sp. (unnamed)</i>						
* <i>H. sp. (unnamed)</i>	St John's wort, goldflower	f		f		f
<i>Jovellana repens</i>	native calceolaria			f	f	
<i>Kelleria dieffenbachii</i> (syn. <i>Drapetes dieffenbachii</i> (incl. <i>D. villosus</i> (Ref. 45)))		a	f	m	f	f

²⁰ The status of New Zealand gentians is still confused. They may be *Gentianella* or *Oreophylax* rather than *Gentiana* (Ref. 13). CRB

²¹ This unknown species may be *Geum cockaynei* (Ref. 41)

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>K. laxa</i> (syn. <i>D. laxus</i>)		f		f		f
<i>Leptostigma setulosa</i> (<i>Nertera setulosa</i>) (Ref)		f	f			
<i>Lilaeopsis novaezelandiae</i>						
<i>L. sp.</i>						
<i>Limosella lineata</i>	mudwort				f	f
* <i>Linum bienne</i>	Australian flax, pale flax					
* <i>L. catharticum</i>	fairy flax, purging flax					
<i>Liparophyllum gunnii</i>		f	a	m		
* <i>Lotus pedunculatus</i>	birdsfoot trefoil, lotus					
* <i>Ludwigia palustris</i>	water purslane					
<i>Montia fontana</i> s.s	blinks, blinkswater chickweed	f	f	f		a
<i>Myosotis</i> sp. (<i>M. forsteri</i> agg.)	forget me not	f	m	f	f	f
<i>M. venosa</i>	forget me not			f		
<i>M. sp.</i> (b) (<i>Myosotis australis</i> agg.)		m	f	a	m	m
<i>M. sp.</i> (c) (unnamed incl. in <i>M. pygmaea</i> as var. <i>drucei</i> by Moore 1961)				f		
<i>Myriophyllum pedunculatum</i> subsp. <i>novaezelandiae</i>	milfoil					
<i>M. propinquum</i>	common water milfoil					
<i>Neopaxia calycina</i> (incl. <i>Neopaxia australasica</i> var. <i>biflora</i>)		f	m	f	m	m
<i>Nertera balfouriana</i>			f	f	f	f
<i>N. ciliata</i>		m	f	a	m	m
<i>N. depressa</i> (incl. <i>N. cunninghamii</i>)	bead plant, fruiting duckweed		f			
<i>N. scapanioides</i>				f		
<i>N. villosa</i> ²²			f	f	f	
<i>Oreomyrrhis colensoi</i> (incl. <i>O. c.</i> var. <i>hispidula</i> and <i>O. c.</i> var. <i>multifida</i>)	mountain myrrh	f	f	f		
<i>O. ramosa</i>		m	f	f		
<i>Oreostylidium subulatum</i>		m		m		
* <i>Ornithopus perpusillus</i>	wild serradella	*				
<i>Ourisia caespitosa</i> (incl. <i>O. c.</i> var. <i>gracilis</i>)	creeping ourisia	*	*	*		
<i>O. macrophylla</i> subsp. <i>robusta</i>	mountain foxglove	a	f	m	m	f
<i>O. vulcanica</i>		a	f	m	m	m
<i>O. caespitosa</i> x <i>O. vulcanica</i>						
<i>O. macrophylla</i> subsp. <i>robusta</i> x <i>O. vulcanica</i>						
<i>Oxalis exilis</i>	creeping yellow oxalis	f		f		
<i>O. magellanica</i> (syn. <i>O. lactea</i> (Ref. 13))	white oxalis	f	f	f		
<i>Parahebe diffusa</i> (Ref)		m	f	m	m	f
<i>P. hookeriana</i> var. <i>hookeriana</i>		m	a	m	a	f
<i>P. spathulata</i>		m	f	f	a	
<i>P. catarractae</i> x <i>P. hookeriana</i> var. <i>hookeriana</i>						
* <i>Parentucellia viscosa</i>	sticky bartsia, yellow bartsia, tarweed					
<i>Pelargonium inodorum</i>	kopata		m			
<i>Phyllachne colensoi</i>		f	f			
* <i>Plantago lanceolata</i>	lamb's tongue					
<i>P. raoulii</i>	plantain	f	f			
<i>P. triandra</i> var. <i>triandra</i>	glossy plantain, starweed		f	f		m
<i>P. uniflora</i>			f			
* <i>P. sp.</i>	plantain					
<i>Pratia angulata</i>		m	m	m	a	a
* <i>Prunella vulgaris</i>	self-heal	f				
<i>Ranunculus amphitrichus</i>	swamp buttercup					

²² This species is in fact *N. villosa* which has been separated from *N. dichondrifolia* (Ref. 36). *N. villosa* is much hairier and more robust in habit than *N. dichondrifolia*. CRB/CO

Species Name	Common Name NV	WT	ET	WR	SR	ER
<i>Psychrophila novae-zelandiae</i>				*		
<i>R. carsei</i>	buttercup	f	f	f	f	f
<i>R. glabrifolius</i>		f				
<i>R. insignis</i>	hairy alpine buttercup, korikori	f	f	f	f	f
<i>R. nivicola</i>	mountain buttercup	m	f			
<i>R. reflexus</i>	bush / hairy buttercup	m	f	m	m	
<i>R. verticillatus</i> ²³ (<i>R. clivalis</i>)	buttercup			f		
<i>Schizeilema colensoi</i>			f	f		f
<i>S. nitens</i>		f	f	f	f	f
<i>S. trifoliolatum</i>		f				
<i>Scleranthus uniflorus</i>			f			f
<i>Sellieria radicans</i> var. <i>microphylla</i>	half star		f			m
<i>Stackhousia minima</i>		a	a	f		
<i>Stellaria parviflora</i> (incl. <i>Stellaria minuta</i>)	NZ chickweed	f	f	f	f	
* <i>Trifolium pratense</i>	red clover					
* <i>T. repens</i>	white clover					
<i>Urtica incisa</i>	nettle		f	f		
<i>Utricularia dichotoma</i> (syn. <i>U. novae-zelandiae</i> and <i>U. monanthos</i>)	bladderwort	f	f	f		a
<i>Viola cunninghamii</i>	native viola, white viola	m	f	m		f
<i>V. filicaulis</i>	native viola, forest violet	m	f	a	m	
* <i>Viola odorata</i> ²⁴	violet			r		
<i>Wahlenbergia pygmaea</i> var. <i>pygmaea</i> ²⁵	harebell		f			
<i>W. sp.</i> (<i>W. gracilis</i>)	slender harebell					f

²³ *Ranunculus verticillatus* is only found on Mt. Hauhangtahi

²⁴ *Viola odorata* is naturalised in a small area near Whakapapa Village

²⁵ Druce listed this species as *W. colensoi*, however this has never been an official name, more a description of a type of small slender *Wahlenbergia* based on specimens collected by Colensoi (Ref. 47). *W. albomarginata* only occurs in the South Is (Ref. 46)., so it has been removed from the list. CRB

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