

# WANGANUI PLANT LIST 89

Department Of Conservation, Wanganui

## Vascular plants and vegetation descriptions of two forest remnants on T Trotter's property, Ngatarua Road, east of Putiki, Wanganui.

Grid Refs (NZMS 260, Sheet): R22

Remnant 1: 876381; 60-100 m a.s.l. - (east of Ngatarua Rd and towards No. 2 Line)

Remnant 2: 873372; 20-60 m a.s.l. - (north of SH3, opposite Marybank)

Compiled by Colin Ogle 24.6.95; additions to Remnant 2 by C Ogle and Wanganui Botanical Group, on 30.5.99.

a = abundant; c = common; o = occasional; u = uncommon; la = locally abundant

P = planted specimens (1996-99)

\* denotes adventive species, including indigenous species not natural to this area. Many herbaceous adventive species were not listed, including adventive grasses.

		<u>Abundance in</u> <u>Forest Remnants</u>	
		1	2
<u>Gymnosperm</u>			
Dacrycarpus dacrydioides	(kahikatea)	o	
<u>Dicot trees and shrubs</u>			
Alectryon excelsus	(titoki)	u	
Aristotelia serrata	(makomako, wineberry)	P	P
*Berberis darwinii	(Darwin's barberry)	c	
Brachyglottis repanda	(rangiora)		o
Carmichaelia australis	(NZ broom)		u(1)
Coprosma areolata		c	
C. rigida		u	P?(1)
C. robusta	(karamu)		P
*Crataegus monogyna	(hawthorn)	o	o
Geniostoma rupestre ssp. ligustrifolium	(hangehange)	u	u
Hebe stricta var. stricta	(koromiko)		u
Hedycarya arborea	(pigeonwood)	u	P
* <sup>1</sup> Hoheria populnea var. populnea	(lacebark)	u	P
Kunzea ericoides	(kanuka)	o	
Lophomyrtus bullata x obcordata		u	
* Lycium ferocissimum	(boxthorn)		u
Macropiper excelsum	(kawakawa)	o	c
Melicope ternata <sup>2</sup>	(wharangi)		u(2)
Melicytus ramiflorus	(mahoe)	c	c
Myoporum laetum	(ngaio)		o
Myrsine australis	(mapou)	u	u
*Paraserianthes lophantha	(brush wattle)		la

<sup>1</sup> In Remnant 1 there is the round-leaved variety, typical of northern NZ - probably self-introduced here from a garden plant. Planted specimens in Remnant 2 are narrow-leaved, from Wanganui wild sources.

<sup>2</sup> Shrubs grown from seed taken from the two natural wharangi in this forest were planted back into the area c1997 (George Jones, pers.comm.). They were eaten by possums initially; only 1 planted shrub was seen in May 1999, about 40 cm tall.

Abundance in Forest Remnants

		<u>1</u>	<u>2</u>
Pittosporum eugenioides	(tarata, lemonwood)		P
P. tenuifolium var. tenuifolium	(kohuhu)	o	o
Pseudopanax arboreus	(five-finger)		P
P. crassifolius	(lancewood)	o	
Rhabdothamnus solandri	(taurepo)	u	u(12)
*Ulex europaeus	(gorse)	c	a

Monocot Tree

Cordyline australis	(cabbage tree)	o	o
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Dicot lianes

Calystegia tuguriorum	(NZ convolvulus)		o
Clematis forsteri			u(4)
*C. vitalba	(old man's beard)	o	
Metrosideros diffusa	(white climbing rata)	u	
M. perforata	(white climbing rata)	u	
Muehlenbeckia australis	(pohuehue)	o	
Parsonsia heterophylla	(NZ jasmine)	o	u(2)
Passiflora tetrandra	(NZ passion flower, kohia)	u	
*Rubus fruticosus agg.	(blackberry)	o	o
R. squarrosus x R. schmidelioides	(bush lawyer)	u	
*Rumex sagittatus	(climbing dock)		u

Dicot herbs

Cardamine sp. [C. debilis agg.]	(bittercress)	o	u
Gnaphalium gymnocephalum	(cudweed)	u	u
Haloragis erecta			u
Lobelia anceps	(NZ lobelia)	o	u
Oxalis exilis		o	u
*Phytolacca octandra	(inkweed)	o	o
Ranunculus reflexus	(bush buttercup)	u	u
*Senecio bipinnatisectus	(fireweed)		u
S. hispida	(fireweed)		u
*Solanum nigrum	(black nightshade)		o
Stellaria decipiens	(NZ chickweed)	o	u
*Vinca major	(periwinkle)		a
Wahlenbergia violacea	(harebell)	o	o

Monocot herbs

*Carex divulsa			u
C. flagellifera <sup>3</sup>			u
C. geminata agg.			la
C. lessoniana			o
C. solandri			o
Juncus gregiflorus			u
J. pallidus			u
Luzula picta s.s.	(woodrush)		u(1)

<sup>3</sup> *C. flagellifera* recorded in 1995 visit but not *C. solandri*; only the latter seen in 1999, so *C. flagellifera* may be an error.

Abundance in Forest Remnants

		<u>1</u>	<u>2</u>
Microlaena stipoides	(meadow ricegrass)	c	c
Poa anceps ssp. anceps			c
*Rytidosperma racemosum	(danthonia)		u
<u>Ferns</u>			
Adiantum cunninghamii	(maidenhair fern)	u	u
Asplenium flaccidum	(hanging spleenwort)	o	
A. gracillimum			u
A. oblongifolium	(shining spleenwort)		u
Blechnum chambersii		o	o
B. filiforme	(climbing blechnum)	u	u(1)
B. membranaceum		u	
B. novae-zelandiae	(kiokio)		u
B. triangularifolium	(cliff kiokio)	u	u
B. minus (of NZ authors) X B. novae-zelandiae			u(1)
Cyathea dealbata	(ponga, silver fern)	u	u
C. medullaris	(mamaku, black tree fern)	u	u
Doodia media			u(6)
Hypolepis ambigua		o	o
Pellaea rotundifolia	(button fern)	o	o
Phymatosorus pustulatus	(hounds tongue)		u
Pneumatopteris pennigera		u	u
Polystichum richardii		u	u
Pteridium esculentum	(bracken)	o	c
Pteris pendula [P. macilenta auct NZ]		o	
P. tremula	(shaking brake)	o	o
Pyrrosia eleagnifolia		u	

Total = ... indigenous species

Vegetation: Remnant 1: Recently fenced area of mahoe forest with occasional kahikatea, kohuhu. Little understorey, but occasional *Coprosma areolata* and small ferns. Weeds needing urgent control are Darwin's barberry (occasional large shrubs and abundant seedlings), and old man's beard (present but uncommon). Blackberry and gorse do not threaten the future of the forest, but may need some local control to assist with the establishment of future planted specimens.

Remnant 2: Area fenced for a year or two: mostly scattered trees with grass and gorse patches between. Groves of mahoe, kohuhu, ngaio, brush wattle; locally dense kawakawa. *Two trees of wharangi (the most significant single value of this forest remnant - the next nearest wharangi known in the wild are at Waitotara in the west and Otaki in the south.* Dense ground cover of periwinkle in open areas and under the trees. Weeds needing urgent control are brush wattle (watch for future seedlings) and periwinkle (try a small experimental area first, to see if it can be controlled without affecting other plants). As in Remnant 1, gorse and blackberry may need no more than local control.