

Wanganui Plant List 8

Department of Conservation, Wanganui

Vascular plants for Gordon Park Reserve

Reserve is 14.5 ha, about 10 ha of forest and 4 ha in pasture and other exotic plants and young native plantings.

This forest remnant is of an extremely rare type and contains many species which are uncommon in the Wanganui district today. Most of the notable species are characteristic of periodically wet, high fertility soils of river flood plains. Most such forests have been cleared in this district.

Typical indicator plants of such sites are matai, titoki, *Coprosma propinqua*, *C. rigida*, *C. rotundifolia*, narrow-leaved lacebark, rohutu, *Melicope simplex*, black maire, *Melicytus micranthus*, kaikomako, lemonwood, ribbonwood, *Pseudopanax anomalus*, swamp maire, *Clematis foetida*, climbing fuchsia, *Metrosideros colensoi*, NZ passionflower, *Rubus schmidelioides*, forest starwort, *Parietaria debilis*, *Carex lambertiana*, *Adiantum diaphanum*, *Cardamine* 'Long Style' and *C. corymbosa*. agg.

List compiled by Wanganui Museum Botanical Group on visits 6.10.68, 9.7.70, 24.11.92; 1.5.04; 30.11.04 and numerous visits by C C Ogle¹ from January 1990.

Converted to Table format and revised 12 Oct 2004; last revised 2 March 2005

Abundance Ratings

a = abundant

c = common

o = occasional

u = uncommon (or actual no. of specimens stated)

l = local (species in small area, but can be common or abundant there)

j = juvenile plants

p = planted specimens (+p indicates both natural and planted specimens present)

Where a species has not been seen since 1990, an abundance rating is not given.

A. SPECIES INDIGENOUS TO SITE

Latin name	Common name	Abundance
Gymnosperm Trees		
Dacrycarpus dacrydioides	kahikatea	c
Podocarpus totara ²	totara	u
Prumnopitys taxifolia	matai	o
Monocot Trees		
Cordyline australis	cabbage tree	o (+p)
Rhopalostylis sapida	nikau	u (j o)
Dicot Trees and Shrubs		
Alectryon excelsus	titoki	a

¹ 22 Forres Street, Wanganui

² Possibly planted rather than natural to this site.

Wanganui Plant List 8: Gordon Park Scenic Reserve

Latin name	Common name	Abundance
<i>Beilschmiedia tawa</i>	tawa	a
<i>Brachyglottis repanda</i>	rangiora	o
<i>Carmichaelia arborea</i> var.	NZ broom	u
<i>Carpodetus serratus</i>	putaputaweta	u
<i>Coprosma areolata</i>		c
<i>Coprosma propinqua</i>		u
<i>Coprosma rigida</i>		l
<i>Coprosma rotundifolia</i>		l
<i>Coprosma propinqua</i> x <i>C. robusta</i>		u
<i>Corynocarpus laevigatus</i>	karaka	l (j only)
<i>Elaeocarpus hookerianus</i> ³	pokaka	u
<i>Geniostoma rupestre</i> var. <i>ligustrifolium</i>	hangehange	o
<i>Hoheria angustifolia</i>	narrow-leaved lacebark	o
<i>Hoheria populnea</i> var. (<i>H. sexstylosa</i>)	lacebark	o
<i>Knightia excelsa</i>	rewarewa	
<i>Kunzea ericoides</i>	kanuka	lj
<i>Laurelia novae-zelandiae</i>	pukatea	o
<i>Lophomyrtus bullata</i>	ramarama	u
<i>Lophomyrtus obcordata</i>	rohutu	u
<i>Macropiper excelsum</i>	kawakawa	o
<i>Melicope simplex</i>	poataniwha	o
<i>Melicytus micranthus</i>	small-leaved mahoe	c
<i>Melicytus ramiflorus</i>	mahoe	a
<i>Myrsine australis</i>	mapou	u
<i>Nestegis cunninghamii</i>	black maire	u
<i>Nestegis lanceolata</i>	white maire	u (1 j, seen 4/04)
<i>Pennantia corymbosa</i>	kaikomako	o
<i>Pittosporum eugenoides</i>	lemonwood, tarata	
<i>Pittosporum tenuifolium</i>	kohuhu	o
<i>Plagianthus regius</i> ⁴	ribbonwood, manatu	u
<i>Pseudopanax crassifolius</i>	lancewood, horoeka	u
<i>Raukua</i> (<i>Pseudopanax</i>) <i>anomalous</i>		o
<i>Schefflera digitata</i> pate u		
<i>Sophora</i> sp. (unidentified)	kowhai	o (possibly p, but regenerating)
<i>Streblus heterophyllus</i>	small-leaved milktree, turepo	c
<i>Syzygium maire</i> ⁵	swamp maire, maire tawake	
<i>Urtica ferox</i>	shrub nettle, ongaonga	
<i>Vitex lucens</i> ⁶	puriri	u

³ Adult, + 1 sapling recently broken off (1990)

⁴ 1 male tree 24.11.92; 1 female tree 28.2.95; 2 seedlings recorded in 1968 or 1970; 1 seedling c. 1998; 5 or more seedlings close to circuit track 2 March 2005 (CCO & G Jane).

⁵ Dubious record from before 1990

⁶ Seedling in forest 1 May 2004, removed and vouchered as CHR 570515; not a planted plant—probably brought by bird.

Wanganui Plant List 8: Gordon Park Scenic Reserve

Latin name	Common name	Abundance
Dicot Lianes		
Calystegia tuguriorum		u
Clematis foetida		u
Clematis paniculata?	puawhananga	
Fuchsia perscandens	climbing fuchsia	u
Metrosideros colensoi	climbing rata	
Metrosideros diffusa	climbing rata	u
Metrosideros perforata	climbing rata	
Muehlenbeckia australis	pohuehue	c
Muehlenbeckia complexa	small-leaved pohuehue	u
Muehlenbeckia australis x M.complexa	hybrid pohuehue	u
Parsonia heterophylla	NZ jasmine	o
Passiflora tetrandra	NZ passionflower, kohia	o
Rubus australis	lawyer	u
Rubus schmidelioides	lawyer	u
Rubus australis x R. schmidelioides	lawyer	u
Monocot Lianes		
Freycinetia banksii	kiekie	
Ripogonum scandens	supplejack	o
Dicot Herbs		
Acaena anserinifolia	bidibid, pipiripi	u
Callitriche muelleri	forest starwort	
Cardamine sp. (C. debilis agg; C. "Long Style" of Pritchard (1957)	bittercress	o
Cardamine sp. (C. corymbosa agg.)		l
Hydrocotyle heteromeria	waxweed	lc
Oxalis exilis (?)		
Parietaria debilis		l
Senecio hispidulus	fireweed	l
Stellaria parviflora	NZ chickweed	u
Urtica incisa	stinging nettle	l
Orchids		
Corybas trilobus	spider orchid	o
Drymoanthus adversus		u? ⁷
Earina autumnalis	Easter orchid	u ⁸
Earina mucronata		o
Grass		
Microlaena avenacea	bush rice grass	l
Sedges		
Carex dissita		o
Carex geminata agg.		la

⁷ Several on fallen tawa, 23.2.00

⁸ 1 on windfall matai 4/04

Latin name	Common name	Abundance
<i>Carex lambertiana</i>		o
<i>Carex lessoniana</i>		la?
<i>Carex secta</i> s.s.		
<i>Carex solandri</i>		o
<i>Carex virgata</i>		o
<i>Cyperus ustulatus</i>		l
<i>Isolepis reticularis</i>		l
<i>Uncinia clavata</i> ?	hookgrass	u
<i>Uncinia distans</i>	hookgrass	o
<i>Uncinia uncinata</i>	hookgrass	c
Other Monocot Herbs		
<i>Astelia solandri</i>	perching lily	u
<i>Collospermum hastatum</i>	perching lily	o
Fern Ally		
<i>Huperzia varia</i> (<i>Lycopodium varium</i>)	(club moss)	
Ferns		
<i>Adiantum cunninghamii</i>	maidenhair fern	
<i>Adiantum diaphanum</i>	maidenhair fern	lc
<i>Asplenium bulbiferum</i>	hen and chicken fern	o
<i>Asplenium flaccidum</i> s.s.	hanging spleenwort	o
<i>Asplenium gracillimum</i>		o
<i>Asplenium polyodon</i>	sickle spleenwort	o
<i>Asplenium bulbiferum</i> (?) x <i>A. colensoi</i>		u
<i>Arthropteris tenella</i>		o
<i>Azolla filiculoides</i> ssp. <i>rubra</i> ⁹		l
<i>Blechnum filiforme</i>	climbing blechnum	o
<i>Blechnum membranaceum</i>		u
<i>Cyathea dealbata</i>	ponga, silver fern	lc
<i>Cyathea medullaris</i>	mamaku	u (2, trunkless)
<i>Dicksonia squarrosa</i>	wheki	u (1)
<i>Hymenophyllum revolutum</i>	filmy fern	l
<i>Hypolepis ambigua</i>		l
<i>Lastreopsis glabella</i>		u
<i>Leptopteris hymenophylloides</i>		u
<i>Microsorium pustulatum</i>	hounds tongue fern	o
<i>Microsorium scandens</i>		c
<i>Pellaea rotundifolia</i>	button fern	o
<i>Polystichum "richardii"</i>	hard shield fern	
<i>Polystichum silvaticum</i>		u
<i>Pneumatopteris pennigera</i>		u
<i>Pteridium esculentum</i>	bracken	l
<i>Pteris "macilenta"</i> (<i>P. pendula</i>)		u
<i>Pteris tremula</i>	shaking brake	o
<i>Pyrrhosia eleagnifolia</i>	leatherleaf fern	c

⁹ In water in wheel tracks in north-east corner of reserve, 24.11.92

B. NZ INDIGENOUS SPECIES PRESENT AS PLANTED SPECIMENS ONLY

Latin name	Common name	Abundance
<i>Prumnopitys ferruginea</i>	miro	[reported by Botanical Group, 1970s]
<i>Griselinia littoralis</i>	broadleaf	[1 tree]
<i>Melicope ternata</i>	wharangi	[1 reported by Wanganui Botanical Group, 1970s]
<i>Nothofagus menziesii</i>	(silver beech)	[3 trees – 1 died 2004]

C. ADVENTIVE SPECIES (not a complete list; species noted as common and/or potential threats to indigenous vegetation)

Latin name	Common name	Abundance
<i>Cupressus macrocarpa</i>	macrocarpa	1 (planted only, mostly removed c. 2000)
<i>Eriobotrya japonica</i>	loquat	5 eradicated 28.2.95; 2 in 2004
<i>Pinus radiata</i>		u (planted only, mostly removed c. 2000 except for western boundary, by drain)
<i>Crataegus monogyna</i>	hawthorn	o
<i>Ligustrum sinense</i>	Chinese privet	Seedlings, removed 2004
<i>Pomaderris aspera</i>	hazel pomaderris	1 shrub eradicated 2002; another found 2004
<i>Populus yunnanensis</i>	Yunnan poplar	planted grove, poisoned then felled 2002
<i>Prunus</i> sp.	plum	1 shrub eradicated 1998
<i>Salix fragilis</i> (+ other spp.?)	willow	c
<i>Sequoia sempervirens</i>	redwood	planted grove, felled 2002
<i>Solanum pseudocapsicum</i>	Jerusalem cherry	a
Lianes		
<i>Calystegia sepium</i> agg.	convolvulus	c
<i>Clematis vitalba</i>	old man's beard	u ¹⁰
<i>Lonicera japonica</i>	Japanese honeysuckle	c
<i>Rubus fruticosus</i> agg.	blackberry	l
<i>Senecio mikanioides</i>	German ivy	u
<i>Vinca major</i>	periwinkle	lc
Lycopod		
<i>Selaginella kraussiana</i>	African clubmoss	o (poisoned from about 2003)
Monocot herbs		
<i>Arum italicum</i>	Italian arum	o

¹⁰ 3 seedlings (eradicated), + 1 semi-mature (still present 24.11.92; 2 fruiting vines eradicated 4/04, but one left on Kaimatira Rd fence)

Wanganui Plant List 8: Gordon Park Scenic Reserve

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<i>Bromus sterilis</i>	sterile brome	l
<i>Carex otrubae</i> ¹¹		u
<i>Cortaderia selloana</i>	pampas grass	u
<i>Cyperus eragrostis</i>		lc
<i>Dactylis glomerata</i>	cocksfoot	o
<i>Ehrharta erecta</i>	veld grass	la
<i>Schedonorus phoenix</i> (Festuca arundinacea)	tall fescue	l
<i>Holcus lanatus</i>	Yorkshire fog	lc
<i>Iris foetidissima</i>	stinking iris	o
<i>Leucojeum aestivum</i>	snowflake	l
<i>Narcissus tazetta</i> cv.	jonquil	l
<i>Pennisetum clandestinum</i>	kikuyu grass	l
<i>Tradescantia fluminensis</i>	wandering Jew	la
<i>Zantedeschia aethiopica</i>	arum lily	o
Dicot Herbs		
<i>Arctium minus</i>	burdock	o
<i>Carduus tenuiflorus</i>	slender winged thistle	l
<i>Cirsium vulgare</i>	scotch thistle	o
<i>Conium maculatum</i>	hemlock	l
<i>Conyza albida</i>	fleabane	la ¹²
<i>Matricaria discoidea</i>	rayless chamomile	l
<i>Ranunculus repens</i>	creeping buttercup	o
<i>Senecio bipinnatisectus</i>	fireweed	lc ⁹
<i>S. glastifolius</i>	pink ragwort	u (1st seen 1998)
<i>Solanum chenopodioides</i>	velvety nightshade	lc ⁹
<i>Solanum nigrum</i>	black nightshade	l
<i>Stachys sylvatica</i>	hedge woundwort	o
<i>Trifolium pratense</i>	red clover	u

¹¹ 1st found by pools in pasture to north of the forest 30.11.04 (specimen to Auckland Museum)

¹² common or dense in areas of felled exotic trees (poplars etc.) in 4/04