

WANGANUI PLANT LIST NO 101

Lake Wiritoa, Wanganui

1. Wetland plants

2. Forest Remnants

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Surveyed by members of Wanganui Museum Botanical Group (WMBG)

30 August 1997, 31 January 1999; CCO 26 Jan 2000, 29 Jan 2009.

(last updated 14 April 2013)

Species listed by Kelly (1978), and by C&W (Champion & Wells 2003) are indicated separately.

* denotes adventive species; # denotes additions Jan 2009; AK, CHR, WELT = specimens collected for herbaria at Landcare Research (CHR), Te Papa (WELT), Auckland Museum (AK)

Species with a national conservation status (de Lange et al. 2004): *Crassula ruamahanga* – status = “at risk – sparse”. Regionally uncommon or declining species of the wetlands include *Isachne globosa* (swamp millet), *Pratia perpusilla*, *Hydrocotyle hydrophila*, *Myriophyllum triphyllum* (a milfoil), *Rorippa palustris* (yellow marsh cress), *Baumea juncea*, *Bolboschoenus fluviatilis* (kukuraho), *Potamogeton ochreatus* (blunt pondweed) and, of the forest remnants, *Adiantum viridescens* (hairy maidenhair fern), *Carex ochrosaccus* (prob.), *Callitriche muelleri*.

1997. WETLAND PLANT SPECIES IN WATER OR SWAMPY FRINGES

		Ogle & WMBG 1997-2009	Kelly 1978	C&W 2003
Dicot trees and shrubs				
* <i>Salix babylonica</i>	weeping willow	x		
* <i>Salix cinerea</i>	grey willow	x		
* <i>Salix fragilis</i>	crack willow	x		
* <i>Ulex europaeus</i>	gorse	#		
Monocot tree				
<i>Cordyline australis</i>	cabbage tree, ti kouka	x		
Dicot lianes				
<i>Calystegia sepium</i> ssp. <i>roseata</i>		#		
* <i>Calystegia silvatica</i>	greater bindweed	#		
<i>Muehlenbeckia complexa</i>	small-leaved pohuehue	#		
* <i>Rubus fruticosus</i> agg.	blackberry	#		
Dicot herbs				
* <i>Amaranthus lividus</i>	purple amaranth	x		

* <i>Bidens frondosa</i>	beggar's ticks	x		
<i>Callitriche petriei</i>	native starwort	x		
<i>Centella uniflora</i>		x		
* <i>Centipeda cunninghamii</i> ¹	sneezewort	x		
* <i>Ceratophyllum demersum</i>	hornwort	x		C&W
<i>Cotula coronopifolia</i>	bachelor's button	x		
<i>Crassula ruamahanga</i>		x		
<i>Euchiton</i> sp. (unidentified; <i>E. audax</i> ?)	cudweed	x		
<i>Glossostigma elatinooides</i>		x		
* ' <i>Gnaphalium</i> ' sp. (unidentified)	cudweed	x		
<i>Hydrocotyle heteromeria</i>	waxweed	x		
<i>Hydrocotyle hydrophila</i>		x		
<i>Hydrocotyle novaeseelandiae</i>	swamp pennywort	x		
<i>Lilaeopsis ruthiana</i> ?	tape-measure plant	x		
<i>Lobelia anceps</i>	native lobelia	#		
<i>Lobelia (Pratia) perpusilla</i>		x		
* <i>Ludwigia palustris</i>			K	
* <i>Lotus pedunculatus</i>	lotus major	#		
* <i>Mentha pulegium</i>	pennyroyal	x		
* <i>Myosotis laxa</i>	water forget-me-not	#		
<i>Myriophyllum propinquum</i>	water milfoil	x		
<i>Myriophyllum triphyllum</i>	water milfoil	x	K	
* <i>Nymphaea alba</i>	water lily		K	
* <i>Nymphaea capensis</i>	Cape water lily	x		
* <i>Polygonum hydropiper</i> (K, as <i>P. spp.</i>)	water pepper		K?	
* <i>Polygonum persicaria</i>	willow weed	#		
<i>Polygonum salicifolium</i>	native willow-weed	x	K?	
<i>Potentilla anserinoides</i>	silver weed	#		
* <i>Ranunculus repens</i>	creeping buttercup	x	K?	
* <i>Ranunculus sceleratus</i>	celery-leaved buttercup	x		
* <i>Ranunculus trichophyllus</i>	water buttercup	x	K	
<i>Rorippa palustris</i>	yellow marsh cress	x		
* <i>Rorippa</i> sp. (unidentified) (K, as <i>Nasturtium officinale</i>)	water cress	x	K	
* <i>Rumex crispus</i>	curled dock	x		
		x		
Monocot herbs				
* <i>Agrostis stolonifera</i>	creeping bent	#		
* <i>Aponogeton distachyus</i>	water hawthorn; Cape pondweed	x	K	
<i>Austroderia fulvida</i> (planted)	cliff toetoe	#		

¹ Identity should be re-checked following recognition of several more taxa in NZ (Walsh 2001)

<i>Bolboschoenus fluviatilis</i>	kukuraho	x		
<i>Carex flagellifera?</i>		x		
<i>Carex geminata</i> (s.s.?)	cutty-grass	#		
<i>Carex secta</i>	purei	x		
<i>Carex virgata</i>		x		
* <i>Cynodon dactylon</i>	Indian doab	#		
<i>Cyperus ustulatus</i>	mariscus	x		
* <i>Echinochloa crus-galli</i>	barnyard grass	#		
* <i>Egeria densa</i>	egeria	x		C&W
<i>Eleocharis acuta</i>	sharp spike-sedge	x		
<i>Eleocharis gracilis</i>	slender spike sedge	x		
* <i>Elodea canadensis</i>	Canadian pondweed	x		C&W
<i>Isachne globosa</i>	swamp millet	x		
<i>Isolepis distigmata</i>		# CHR		
* <i>Juncus articulatus</i>	jointed-leaved rush	#		
* <i>Juncus bufonius</i>	toad rush	x		
<i>Juncus edgariae</i>		x		
* <i>Juncus effusus</i>	soft rush	#		
<i>Juncus pallidus</i> agg.		x		
<i>Juncus sarophorus</i>	broom rush	#		
* <i>Juncus tenuis</i>		x		
* <i>Landoltia (Spirodela) punctata</i>	purple-backed duckweed	x	K	
<i>Lemna disperma</i>	duckweed	x	K	
<i>Machaerina (Baumea) juncea</i>		x		
* <i>Paspalum distichum</i>	Mercer grass	x		
* <i>Pennisetum clandestinum</i>	kikuyu grass	x		
<i>Phormium tenax</i>	harakeke, NZ flax	x		
* <i>Poa annua</i>	annual poa	x		
<i>Potamogeton cheesemanii</i>	pondweed	xCHR	K	
* <i>Potamogeton crispus</i>	curled pondweed		K	C&W
<i>Potamogeton ochreatus</i>	blunt pondweed		K	C&W
<i>Ruppia megacarpa</i>	horses mane weed	x	K	
<i>Ruppia polycarpa</i>	horses mane weed			
<i>Schoenoplectus pungens</i>	three-square	#		
<i>Schoenoplectus validus</i>	kapungawha		K	
* <i>Setaria gracilis</i>	bristle grass	#		
<i>Typha orientalis</i> (K+)	raupo	x	K	
* <i>Vallisneria spiralis</i> (K, as <i>V. gigantea</i>)	ribbonweed, eelweed.	x	K	C&W
<i>Wolffia australiana</i> (K+)	watermeal	x	K	
		x		
Ferns				
<i>Azolla rubra</i> (K+)	Pacific azolla	x	K	
* <i>Azolla pinnata</i>	ferny azolla	#		
<i>Histiopteris incisa</i>	water fern	x		

<i>Hypolepis ambigua</i>		#		
Liverwort				
<i>Ricciocarpus natans</i>				
		x		
Characean algae				
<i>Chara australis</i>				C&W
<i>Chara corallina</i>			K	
<i>Chara globularis</i>			K	
<i>Nitella hookeri</i>			K	C&W ²

² C&W recorded "*N. hookeri* or *cristata*", saying the 2 taxa are hard to distinguish

2. FOREST REMNANTS adjoining eastern arm of lake (all indigenous species listed, but only the most invasive exotic species)

		Fenced	Unfenced
Gymnosperm Tree			
<i>Dacrycarpus dacrydioides</i>	kahikatea	x	x
Dicot trees, shrubs, lianes			
<i>Alectryon excelsus</i>	titoki	x	x
<i>Beilschmiedia tawa</i>	tawa	x	
<i>Coprosma repens</i> (planted?)	taupata	x	
<i>C. robusta</i>	karamu	x	
<i>Corynocarpus laevigatus</i>	karaka	x	x
* <i>Hedera helix</i>	ivy	x	
<i>Hedycarya arborea</i>	pigeonwood		x
<i>Macropiper excelsum</i>	kawakawa	x	
<i>Melicytus ramiflorus</i>	mahoe	x	x
<i>Muehlenbeckia australis</i>	pohuehue	x	
<i>Myoporum laetum</i>	ngaio	x	x
<i>Myrsine australis</i>	mapou	x	
<i>Nestegis cunninghamii</i>	black maire		x
<i>Parsonsia heterophylla</i>	NZ jasmine	x	
<i>Pennantia corymbosa</i>	kaikomako	x	x
<i>Pseudopanax crassifolius</i>	lancewood		x
* <i>Robinia pseudacacia</i>	robinia	x	
<i>Rubus schmidelioides x R. squarrosus</i>	lawyer		x
* <i>Sambucus nigra</i>	elderberry	x	
<i>Solanum laciniatum</i>	poroporo	x	x
* <i>S. pseudocapsicum</i>	Jerusalem cherry	x	
Monocot tree, liane			
* <i>Asparagus scandens</i>	climbing asparagus	x	
<i>Cordyline australis</i>	cabbage tree	x	x
Dicot herbs			
<i>Callitriche muelleri</i>	forest starwort	x	
<i>Epilobium nummulariifolium</i>	willow-herb		x
<i>Haloragis erecta</i>		x	
<i>Oxalis exilis</i>	creeping oxalis	x	
<i>Stellaria parviflora</i>	NZ chick-weed	x	
Monocot herbs			
<i>Carex forsteri</i>		x	
<i>C. secta</i>	purei	x	x
<i>C. solandri</i>		x	

		Fenced	Unfenced
<i>C. virgata</i>		x	x
<i>C. ochrosaccus</i> (prob.) CHR 518737, 518738		x	
<i>Collospermum hastatum</i>	perching lily		x
<i>Earina mucronata</i>	a perching orchid		x
<i>Microlaena stipoides</i>	meadow ricegrass	x	x
Ferns			
<i>Adiantum viridescens</i>	hairy maidenhair fern	x	
<i>Asplenium flaccidum</i>	hanging spleenwort	x	
<i>A. gracillimum</i>			
<i>A. oblongifolium</i>	shining spleenwort	x	
<i>Blechnum filiforme</i>	climbing blechnum	x	
<i>Microsorium pustulatum</i>	hound's tongue	x	
<i>M. scandens</i>		x	
<i>Pellaea rotundifolia</i>	button fern	x	
<i>Polystichum richardii</i>	shield fern	x	
<i>Pteris tremula</i>	shaking brake	x	x
<i>Pyrrhosia eleagnifolia</i>	leather-leaf fern	x	x
(also 2 dead tree fern bases)			

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