

WHANGANUI PLANT LIST NO. 42

Vascular Plants and Vegetation at Lake Rotoiti and its surrounds, Waipakura Block, Makirikiri Road, near Upokongaro, Wanganui

Compiled by Wanganui Museum Botanical Group, 1 February 1992

A. LIST OF VASCULAR PLANTS

The list is for the lake margins and surrounding forest and pasture. Species of the wetlands are indicated by +

* = adventive species

u = uncommon (only a few plants or a small colony seen)

Gymnosperm

+ *Dacrycarpus dacrydioides* kahikatea

Dicot Trees, Shrubs, Lianes

	<i>Alectryon excelsus</i>	titoki	
	<i>Beilschmiedia tawa</i>	tawa	
*	<i>Berberis glaucocarpa</i>	barberry	
	<i>Brachyglottis repanda</i>	rangiora	
	<i>Calystegia sepium</i> agg. [pink striped flowers]	convolvulus	
	<i>Carpodetus serratus</i>	putaputaweta	u
	<i>Coprosma areolata</i>		
+	<i>C. grandifolia</i>	kanono, raurekau	u
+	<i>C. rhamnoides</i>		
	<i>C. rigida</i>		u
	<i>C. robusta</i>	karamu	
+	<i>C. tenuicaulis</i>	swamp coprosma	
	<i>Corynocarpus laevigatus</i>	karaka	u
	<i>Geniostoma rupestre</i>		
	subsp. <i>ligustrifolium</i>	hangehange	
+	<i>Griselinia lucida</i>	puka, broadleaf	
	<i>Hedycarya arborea</i>	pigeonwood	
	<i>Hoheria populnea</i> var. [H. <i>sexstylosa</i>]	lacebark, houhere	
	<i>Knightia excelsa</i>	rewarewa	
	<i>Kunzea ericoides</i>	kanuka	
+	<i>Laurelia novae-zelandiae</i>	pukatea	
+	<i>Leptospermum scoparium</i>	manuka	

+	Leucopogon fasciculatus	mingimingi	
	Macropiper excelsum	kawakawa	
	Melicope simplex	poataniwha	u
+	Melicytus ramiflorus	mahoe	
	Metrosideros colensoi	white-flowered rata	
	M. diffusa	white-flowered rata	
+	Muehlenbeckia australis	pohuehue	u
	Myoporum laetum	ngaio	u
+	Myrsine australis	mapou	
	Parsonsia sp (P. heterophylla?)	NZ jasmine	
+	Nestegis cunninghamii	black maire	u
+	Passiflora tetrandra	native passionfloweru	
	Pennantia corymbosa	kaikomako	
	Pittosporum tenuifolium		
	var. tenuifolium	kohuhu	
	Pseudopanax crassifolius	lancewood	
+	* Rubus fruticosus agg.	blackberry	
	R. schmidelioides	bush lawyer	
+	Solanum aviculare	poroporo	u
	Streblus heterophyllus	small-leaved milktree	
+	* Ulex europaeus	gorse	

Dicot Herbs

+	* Anagallis arvensis	scarlet pimpernel	
	* Arctium minus	burdock	
+	* Bidens frondosa	beggars ticks	
+	Callitriche muelleri	starwort	
+	* C. stagnalis	starwort	
+	Cardamine sp (C. debilis agg.; C. "Narrow Petal" of Pritchard 1957)	bittercress	
+	* Carduus tenuiflorus	winged thistle	
	* Cirsium arvense	California thistle	
+	* C. palustre	marsh thistle	
+	* C. vulgare	Scotch thistle	u
+	* Conyza sp.	fleabane	
	* Crepis capillaris	hawkbit	
	Drosera peltata subsp. auriculata	sundew	
	Epilobium alsinoides		u
+	E. insulare	willowherb	
	* Foeniculum vulgare	hemlock	
	* Galium aparine	bedstraw	
	* G. divaricatum	slender bedstraw	
	G. propinquum		
	Geranium microphyllum		u
	G. solanderi (?)		
+	Gnaphalium gymnocephalum	cudweed	u
+	G. sphaericum (?)	Japanese cudweed	u

	Haloragis erecta		u
+	Hydrocotyle moschata	hairy pennywort	u
+	H. pterocarpa		u
+	Hypericum japonicum		u
	* Hypochoeris radicata	catsear	
	* Linum bienne	pale flax	
+	Lobelia aniceps		
+	* Lotus pedunculatus	lotus major	
+	* Mentha pulegium	pennyroyal	
+	* Myosotis laxa ssp. caespitosa	water forget-me-not	
+	* Nasturtium microphyllum	one-row watercress	
	Nertera depressa		
+	Oxalis exilis		
	* Phytolacca octandra	inkweed	
	* Plantago lanceolata	narrow-leaved plantain	
+	* Polygonum hydropiper	water pepper	
+	P. salicifolium	swamp willow weed	u
	* Prunella vulgaris	selfheal	
+	Pseudognaphalium sp. [P. luteo-album agg]	cudweed	
+	Ranunculus amphitrichus	waoriki	
+	* R. repens	creeping buttercup	
+	* R. sceleratus	celery-leaved buttercup	
	* Rumex acetosella	sheep's sorrel	
+	* Sagina procumbens	pearlwort	u
+	* Senecio bipinnatisectus	fireweed	u
+	* S. jacobaea	ragwort	
+	S. minimus		u
+	* Sherardia arvensis	field madder	
+	* Sisymbrium officinale	hedge mustard	
+	* Solanum nigrum	blacknightshade	
+	* Sonchus asper	prickly sowthistle	
	* S. oleraceus	puwaha	
+	Stellaria decipiens	NZ chickweed	
+	* S. graminea	stitchwort	u
	* S. media	chickweed	
	* Trifolium dubium	suckling clover	
+	* T. repens	white clover	
	* Urtica urens	nettle	
	* Verbascum thapsus	wooly mullein	
+	* Verbena officinalis		
	* Veronica arvensis	field speedwell	u
	* Vicia sativa	vetch	
	* V. tetrasperma	smooth tare	
	Wahlenbergia colensoi	harebell	u
	* W. marginata	harebell	u

Monocot trees

+	<i>Cordyline australis</i>	cabbage tree	
	<i>Rhopalostylis sapida</i>	nikau	u

Monocot lianes

+	<i>Freycinetia baueriana</i> ssp. <i>banksii</i>	kiekie	
	<i>Ripogonum scandens</i>	supplejack	

Sedges

+	<i>Carex dipsacea</i>		u
	<i>C. dissita</i>		u
	* <i>C. divulsa</i>		
	<i>C. inversa</i>		u
+	<i>C. lessoniana</i>		
+	<i>C. maorica</i>		
+	* <i>C. ovalis</i>		
+	<i>C. secta</i> s.s.	purei	
	<i>C. solandri</i>		
+	<i>C. virgata</i>		
+	<i>C. sp</i> [unnamed, aff. <i>C. geminata</i> ; large species]		
+	<i>Cyperus ustulatus</i>		u
+	<i>Eleocharis acuta</i>	sharp spike sedge	
+	<i>Gahnia xanthocarpa</i>		u (2 plants)
+	<i>Isolepis prolifer</i>		u
+	<i>I. reticularis</i>		
+	<i>Schoenoplectus validus</i>	kapungawha	
	<i>Uncinia uncinata</i>	hookgrass	

Grasses

	* <i>Agrostis capillaris</i>	browntop	
+	* <i>Alopecurus geniculata</i>	kneed foxtail	
	* <i>Anthoxanthum odoratum</i>	sweet vernal	
	* <i>Bromus hordeaceus</i>	softbrome	u
+	<i>Cortaderia toetoe</i>	toetoe	u
	* <i>Cynosurus cristatus</i>	crested dogstail	
	* <i>Dactylis glomerata</i>	cocksfoot	
	<i>Echinopogon ovatus</i>	hedgehog grass	u
+	* <i>Glyceria declinata</i>	floating sweet grass	
+	* <i>Holcus lanatus</i>	Yorkshire fog	
	* <i>Lolium perenne</i>	perennial rye grass	

	<i>Microlaena stipoides</i>	meadow ricegrass	
+	* <i>Poa trivialis</i>		
	* <i>Sporobolus africanus</i>	ratstail	
	* <i>Vulpia bromoides</i>	vulpia hairgrass	

Rushes

+	* <i>Juncus articulatus</i>	jointed-leaved rush	
+	* <i>J. bufonius</i>	toad rush	u
+	* <i>J. effusus</i>	soft rush	
+	<i>J. gregiflorus</i>		
	<i>J. pallidus</i>		u
+	<i>J. planifolius</i>		
+	<i>J. sarophorus</i>		u
	* <i>J. tenuis</i>		u

Monocots other than sedges, grasses, rushes

	<i>Collospermum hastatum</i>		
	<i>Drymoanthus adversus</i>		u
	<i>Earina mucronata</i>		
	<i>Lemna</i> sp. (L. minor of NZ authors)	duckweed	
+	<i>Microtis unifolia</i>	onion-leaved orchidu	
+	<i>Typha orientalis</i>	raupo	

Ferns

	<i>Adiantum cunninghamii</i>	maidenhair fern	
	<i>Asplenium bulbiferum</i> s.s.	hen-and-chicken fern	
+	<i>A. flaccidum</i>	hanging spleewort	u
	<i>A. gracillimum</i>		
+	<i>A. oblongifolium</i>	shining spleenwortu	
+	<i>A. polyodon</i>		
+	<i>Azolla filiculoides</i> ssp <i>rubra</i>		
	<i>Blechnum chambersii</i>		u
	<i>B. filiforme</i>	climbing blechnum	
+	<i>B. minus</i>	swamp kiokio	
	<i>Cyathea dealbata</i>	ponga	u
	<i>C. medullaris</i>	mamaku	
+	<i>Dicksonia squarrosa</i>	wheki	
+	<i>Deparia petersenii</i>		u
+	<i>Diplazium australe</i>		u
+	<i>Histiopteris incisa</i>		u
+	<i>Hypolepis ambigua</i>		
+	<i>H. distans</i>		

+	H. lactea		u
	Lastreopsis glabella		u
	L. microsora		u
	Paesia scaberula	ringfern	u
	Pellaea rotundifolia	button fern	u
+	Phymatosorus diversifolius	hound's tongue	u
	P. scandens		
	Pneumatopteris pennigera		u
	Polystichum richardii	hard shield fern	
	Pteris pendula [P. macilenta of NZ authors]		u
+	P. tremula		
+	Pyrrhosia eleagnifolia		

Indigenous species	126
Adventive species	66
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TOTAL	192
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B. **MAJOR VEGETATION TYPES**

1. raupo - [kapungawha]/duckweed - azolla : lake margin reedland
2. [kahikatea] - (pukatea)/kiekie - cabbage tree/Coprosma tenuicaulis : lake-edge treeland
3. pukatea/mahoe - Coprosma areolata : forest on valley floor
4. pukatea - tawa/mamaku : forest on hillslopes
5. kanuka/gorse - mahoe : secondary forest on hillslope.