

**WANGANUI PLANT LIST NO. 121**  
**Lake Westmere, Wanganui**

C C Ogle  
 22 Forres St Wanganui (ex-Dept. of Conservation, Wanganui)

*26 Jan & 2 Feb 2000; 5 March 2000 (with Wanganui Botanical Group); 20 Feb 2005 (with RC Ogle and D & H Merrie); 2 March 2005 (with Graeme Jane); 13 Aug 2009 (with R Ogle); 23 Sep 2009 (with Birding Wanganui)*

Including records by Champion and Wells (2003)

*(last updated by CCO, 22 Oct 2012,)*

Plants listed with an abundance rating are those recorded by the authors above. Species listed by Kelly (1978), and actual sightings by C&W (Champion & Wells 2003) are indicated separately [P Champion, pers. comm. to CCO, listed those species actually seen in 2003, cf. those records in C&W which included earlier records by CCO and Kelly].

Abundance ratings from surveys by CCO &/or the Botanical Group are given separately for wetland and dryland: a = abundant; c = common; o = occasional; u = uncommon; l = local (species in small area, but can be common or abundant there)

Adventive species to NZ: denoted by \* (though many of the planted NZ native species are not natural to this district – indicated under ‘status’, below).

Plant status at L. Westmere: planted (p) or natural (n) [i.e. presence at the lake is not directly from planting, though may have self-established from plantings later, indicated by “p->n”]

**WETLANDS**: open water with sparse fringing beds of raupo and one (?) bed of kapungawha; mostly willow fringes. Small areas of semi-aquatic turf plants.

**DRYLANDS**: mostly areas of planted eucalypts, pines and other species, with some “natural regeneration” underneath.

**Regionally uncommon or declining species** of the wetlands include *Lobelia (Pratia) perpusilla*, *Hydrocotyle hydrophila*, *H. sulcata*, *Myriophyllum triphyllum* (a milfoil), *Potamogeton ochreatus* (blunt pondweed), *Rorippa palustris*, *Carex dipsacea*.

	Common name	Wet-land	Dry-land	Kelly 1978	C&W 2003	Plant status
<b>Gymnosperm Trees</b>						
<i>Agathis australis</i>	kauri		u			p
* <i>Chamaecyparis lawsoniana?</i>	Lawson’s cypress?		u			p
<i>Dacrycarpus dacrydioides</i>	kahikatea	u	u			p
<i>Dacrydium cupressinum</i>	rimu		u (3)			p
* <i>Pinus radiata</i>			c			p
<i>Podocarpus totara</i>	totara		u			p
<b>Dicot trees, shrubs, lianes</b>						
<i>Alectryon excelsus</i>	titoki		u			p
<i>Alnus glutinosa</i>	alder	u				p?
<i>Brachyglottis repanda</i>	rangiora		c			n?
<i>Calystegia sepium</i> ssp. <i>roseatum</i>	convolvulus		o			n

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* <i>Calystegia silvaticum</i> [white flowers]	convolvulus, greater bindweed		o			n
* <i>Clematis vitalba</i>	old man's beard		o?			n
<i>Coprosma areolata</i>			u			n
<i>Coprosma grandifolia</i>	kanono		u			n?
<i>Coprosma lucida</i>	shining karamu		u			n
<i>Coprosma repens</i>	taupata		o			p + n
<i>Coprosma robusta</i>	karamu		c			n
<i>Coprosma propinqua</i> X <i>C. robusta</i>			u			P <sup>2012</sup>
<i>Corynocarpus laevigatus</i>	karaka	o	c			p-> n
<i>Cotoneaster buddleioides</i> X <i>C. cotoneaster</i> ( <i>C. X cheesemanii</i> )	korokio		u			P; more P in 2012
* <i>Crataegus monogyna</i>	hawthorn		l			p?
* <i>Cytisus scoparius</i>	broom		o			n
<i>Dodonaea viscosa</i>	akeake		o			P <sup>2012</sup> incl cv <i>purpurea</i>
<i>Entelea arborescens</i>	whau		u			p
* <i>Eucalyptus macarthurii</i> ?	Camden woollybutt?		o			p
* <i>Eucalyptus ovata</i>	swamp gum		c			p
* <i>Eucalyptus sieberi</i> ?						p
* <i>Eucalyptus nichollii</i> ?	black peppermint?		u			p
* <i>Fraxinus excelsior</i>	ash	o	c			p ->n
<i>Geniostoma rupestre</i>	hangehange		o			n?
<i>Hebe speciosa</i> hybrids	koromiko, titirangi		u			p
<i>Hebe stricta</i> var.	koromiko		o			n? +P <sup>2012</sup>
<i>Hebe</i> cvs - various			o			P <sup>2012</sup>
<i>Hedycarya arborea</i>	pigeonwood		u			p
* <i>Hedera helix</i>	ivy		c			n
<i>Hoheria populnea</i>	northern lacebark		o			P <sup>2012</sup>
<i>Hoheria sexstylosa</i>	lacebark, houhere					P <sup>2012</sup>
<i>Knightia excelsa</i>	rewarewa		u			P (more P in 2012)
* <i>Ligustrum sinense</i>	Chinese privet		u			n
* <i>Lonicera japonica</i>	Japanese honeysuckle	la	la			n
<i>Lophomyrtus</i> cv ( <i>L. bull.</i> X <i>L. obs.</i> )	ramarama x rohutu		u			P <sup>2012</sup>
* <i>Lupinus arboreus</i>	shrub lupin		o			n
<i>Macropiper excelsum</i>	kawakawa		c			n?
<i>Melicope ternata</i>	wharangi		o			P <sup>2012</sup>
<i>Melicytus ramiflorus</i>	mahoe	o	a			n
<i>Meryta sinclairii</i>	puka		u			P <sup>2012</sup>
<i>Metrosideros excelsa</i>	pohutukawa		o			p
<i>Muehlenbeckia australis</i>	pohuehue	o	o			n
<i>Muehlenbeckia complexa</i>	small-leaved		u			n

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	pohuehue					
<i>Myoporum laetum</i>	ngaio		u			p (-> n?)
<i>Myrsine australis</i>	mapou		c			p? + n
<i>Nestegis lanceolata</i>	white maire		u			p <sup>2012</sup>
<i>Nothofagus menziesii</i>	silver beech		u			p
<i>Parsonsia heterophylla</i>	NZ jasmine		u			n
* <i>Passiflora tripartita</i> ssp. <i>azuayensis</i>	banana passionfruit		u			p
<i>Pittosporum crassifolium</i>	karo		o			p->n
<i>Pittosporum eugenioides</i>	lemonwood, tarata		u?			p?
<i>Pittosporum tenuifolium</i>	kohuhu		u?			p?
<i>Plagianthus regius</i>	ribbonwood		u			p <sup>2012</sup>
<i>Pouteria (Planchonella) costata</i>			u			p
<i>Pseudopanax crassifolius</i>	lancewood		u			p->n
<i>Pseudopanax laetus</i>			o			p <sup>2012</sup>
* <i>Quercus robur</i>	oak		lc			p->n
* <i>Rubus fruticosus</i> agg.	blackberry	u	o			n
* <i>Salix cinerea</i>	grey willow	o				p-> n
* <i>Salix fragilis</i>	crack willow	a				p-> n
<i>Schefflera digitata</i>	pate		u			n?
<i>Solanum laciniatum</i>	poroporo		o			n
<i>Sophora microphylla</i> s.l.	kowhai		u			p ->n
* <i>Ulex europaeus</i>	gorse		o			n
* <i>Ulmus X hollandica</i>	suckering elm	o	la			p?, n
* <i>Viburnum opulus</i> cv 'Roseum'			u			p
* <i>Vinca major</i>	periwinkle	o	o			n
<i>Vitex lucens</i>	puriri		u			p->n
<b>Monocot tree</b>						
<i>Cordyline australis</i>	cabbage tree	o	o			p + n
<b>Monocot lianes</b>						
* <i>Asparagus asparagoides</i>	smilax	la				n
* <i>Asparagus scandens</i>	climbing asparagus	c	c			n
<i>Ripogonum scandens</i>	supplejack		u			n?
<b>Dicot herbs</b>						
* <i>Apium nodiflorum</i>	water celery	lc				n
<i>Callitriche petriei</i>	native starwort	lc (2012)				n
* <i>Callitriche stagnalis</i>	starwort	u				n
* <i>Cardamine flexuosa</i>	bittercress	o	c			n
<i>Centella uniflora</i>		u				n
* <i>Cirsium arvense</i>	Californian thistle		u			n
* <i>Cirsium vulgare</i>	Scotch thistle		c			n

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* <i>Conyza sumatrensis</i>	fleabane		c			n
* <i>Crepis capillaris</i>	hawksbeard		o			n
* <i>Epilobium ciliatum</i>	willow-herb	u				n
<i>Euchiton involucratus</i>	cudweed	u				n
<i>Euchiton sphaericus</i> CHR	cudweed	u				n
* <i>Foeniculum vulgare</i>	fennel		o			n
* <i>Gamochaeta oarctata</i> CHR	purple cudweed	u				n
<i>Glossostigma elatinoides</i>		u				n
<i>Gratiola sexdentata</i> AK		u				n
<i>Haloragis erecta</i>		u	o			n
<i>Hydrocotyle hydrophila</i> <sup>1</sup>		u				n
<i>Hydrocotyle moschata</i>	hairy pennywort		u			n
<i>Hydrocotyle novae-zeelandiae</i>	swamp pennywort	o				n
<i>Hydrocotyle sulcata</i>		u				n
<i>Lilaeopsis ruthiana?</i>	tape-measure plant	u				n
* <i>Lotus pedunculatus</i>	lotus		u?			n
* <i>Lythrum hyssopifolia</i>	hyssop loosestrife	o				n
* <i>Mentha pulegium</i>	pennyroyal	u				n
* <i>Myosotis laxa</i> ssp. <i>caespitosa</i>	water forget-me-not	o				n
<i>Myriophyllum propinquum</i>	water milfoil	o				n
<i>Myriophyllum triphyllum</i> (K, as <i>M. elatinoides</i> )	water milfoil	o?		K	C&W	n
* <i>Nymphaea alba</i>	water lily	l		K		p?
* <i>Oxalis incarnata</i>	lilac oxalis		u			n
* <i>Plantago major</i>	broad-leaved plantain	o	u			n
* <i>Polygonum hydropiper</i>	water pepper	u				n
<i>Polygonum salicifolium</i>	native willow-weed	lc				n
<i>Pratia perpusilla</i>		lc				n
* <i>Prunella vulgaris</i>	self-heal		o			n
* <i>Ranunculus repens</i>	creeping buttercup	o				n
* <i>Ranunculus sceleratus</i>	celery-leaved buttercup	l				n
<i>Rorippa palustris</i>	lake cress	u				n
* <i>Rorippa</i> sp. (unidentified)	water cress	lc				n
* <i>Rumex crispus</i>	curled dock	u				n
* <i>Senecio bipinnatisectus</i>	fireweed	o	o			n
* <i>Senecio glastifolius</i> <sup>2</sup>	pink ragwort		u			n
<i>Senecio glomeratus</i>	native fireweed		u			n
<i>Senecio hispidulus</i>	native fireweed		o			n
* <i>Senecio jacobaea</i>	ragwort		u			n
<i>Senecio minimus</i>	native fireweed	u				n
* <i>Stachys sylvatica</i>	hedge woundwort	o	o			n

<sup>1</sup> Check - likely to be an error for *H. sulcata* (the latter first recorded Feb 2005)

<sup>2</sup> First recorded here Oct 2012

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* <i>Sonchus asper</i>	prickly sow-thistle		o			n
* <i>Sonchus oleraceus</i>	puwaha		o			n
* <i>Stellaria media</i>	chickweed		l			n
* <i>Trifolium arvense</i>	hare's-foot trefoil		u			n
* <i>Trifolium pratense</i>	red clover		u			n
* <i>Trifolium repens</i>	white clover		o			n
* <i>Tropaeolum majus</i>	nasturtium		u?			n?
* <i>Verbena bonariensis</i>	purple-top	u	c			n
* <i>Veronica persica</i>	speedwell		lc			n
<i>Wahlenbergia violacea</i>	hare-bell		u			n
<b>Monocot herbs</b>						
<u>1. Grasses</u>						
* <i>Agrostis capillaris</i>	browntop		a			n
* <i>Agrostis stolonifera</i>	creeping bent	o				n
* <i>Anthoxanthum odoratum</i>	sweet vernal		o			n
<i>Austroderia toetoe</i>	toetoe	u				n
* <i>Cortaderia selloana</i>	pampas		o			p?
* <i>Dactylis glomerata</i>	cocksfoot		a			n
* <i>Holcus lanatus</i>	Yorkshire fog		c			n
<i>Poa anceps</i>			o			n
* <i>Poa annua</i>	annual poa		o			n
* <i>Schedonorus arundinacea</i>	tall fescue		c			n
<u>2. Sedges</u>						
<i>Carex dipsacea</i> AK		l				n
<i>Carex lessoniana</i>	cutty-grass	lc				n
<i>Carex maorica</i>		u				n
<i>Carex secta</i>	purei	c				n
<i>Carex solandri</i>		o	o			n
<i>Carex virgata</i>		c	o			n
* <i>Cyperus eragrostis</i>		o	o			n
<i>Cyperus ustulatus</i>	mariscus	c	o			n
<i>Eleocharis acuta</i>	sharp spike-sedge	u				n
<i>Eleocharis sphacelata</i>	bamboo spike-sedge				C&W	
<i>Isolepis inundata</i> CHR		l				n
<i>Isolepis reticularis</i>		u				n
<i>Schoenoplectus tabernaemontani</i> (K+, as <i>Scirpus lacustris</i> )	kapungawha	u		K		n
<u>3. Rushes</u>						
* <i>Juncus articulatus</i>	jointed-leaved rush	o				n
<i>Juncus distegus</i>		u				n

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<i>Juncus edgariae</i>		u				n
* <i>Juncus effusus</i>	soft rush	u				n
<i>Juncus pallidus</i>		u				n
* <i>Juncus tenuis</i>		c	o			n
<b>4. Monocots other than grasses, sedges, rushes</b>						
* <i>Crocasmia X crocosmiiflora</i>	montbretia		o			n?
* <i>Elodea canadensis</i>	Canadian pondweed				C&W	
* <i>Iris foetidissima</i>	stinking iris	u				n
<i>Lemna disperma</i>	duckweed	o				n
<i>Microtis unifolia</i>	onion-leaved orchid		u			n
<i>Phormium cookianum</i>	wharariki, mountain flax	c				p
<i>Phormium tenax</i>	harakeke, NZ flax	o				p (+n?)
* <i>Potamogeton crispus</i>	curled pondweed	u?		K	C&W	n
<i>Potamogeton ochreatus</i>	blunt pondweed	c?		K	C&W	n
* <i>Tradescantia fluminensis</i>	wandering Jew		la			n
<i>Typha orientalis</i>	raupo	lc		K	C&W	n
<b>Ferns</b>						
<i>Adiantum cunninghamii</i>	maidenhair fern		u			n
<i>Asplenium flaccidum</i>	hanging spleenwort		u			n
<i>Asplenium polyodon</i>	sickle spleenwort	u	u			n
<i>Asplenium oblongifolium</i>	shining spleenwort	u	o			n
<i>Azola filiculoides</i> spp. <i>rubra</i>	red azolla	la				n
<i>Blechnum minus</i> (of NZ authors)	swamp kiokio	c				n
<i>Cyathea dealbata</i>	ponga, silver fern	u	u			n
<i>Cyathea medullaris</i>	mamaku	u	u			n
<i>Dicksonia squarrosa</i>	wheki	u				n
<i>Histiopteris incisa</i>	water fern	u				n
<i>Hypolepis ambigua</i>		o	o			n
<i>Microsorium pustulatum</i>	hound's tongue	o	o			n
* <i>Nephrolepis cordifolia</i>	tuber sword-fern		l			p?
<i>Pneumatopteris pennigera</i>		u				n
<i>Pteridium esculentum</i>	bracken		o			n
<i>Pteris tremula</i>	shaking brake		o			n
<i>Pyrrhosia eleagnifolia</i>	leather-leaf fern		u			n
<b>Characean algae</b>						
<i>Chara australis</i>					C&W	
<i>Chara corallina</i>				K		n
<i>Chara globularis</i>				K		n
<i>Nitella hookeri</i>				K		n

**REFERENCES**

Champion, P D & Wells, R D S. 2003. The aquatic vegetation of the Manawatu-Wanganui Region: status and management. *NIWA Client Report: HAM2003-109*. NIWA, Hamilton.

Kelly, D. 1978. A plant distribution survey of twelve coastal lakes. In *Sand country lakes eutrophication study*. Rangitikei-Wanganui Catchment Board and Regional Water Board, Marton.