

WANGANUI PLANT LIST 5

LIST OF PLANT SPECIES IN UPPER MOUMAHAKI STREAM CATCHMENT, WAVERLEY INCLUDING MOUMAHAKI LAKES

- A. Indigenous plants of whole catchment
B. Adventive plants of lakes only

Lakes visited were numbered in order from the uppermost, centred on NZMS1 (Map N130) and NZMS 260 (Map R21) grid refs as follows:-

	N130	R21
1.	240187	550 697
2.	242182	552 692
3.	238178	549 689
4.	238172	549 683
5.	234173	544 685
6.	Lake Moumahaki 220157 (533 673) (* = on nearby valley floor in and near kahikatea stand at 222174 (534 683), but not in immediate wetlands of lake itself)	

Lakes not visited in same catchment are at NZMS 1/232180, 217143 (= NZMS 260/543692, 529658).

CHR = Specimen collected for Landcare Research herbarium at Lincoln.

**Survey by C C Ogle, W Baxter : 17 June 1988; combined Wanganui
and Wellington Botanical Groups 21 - 22 January 1989; Wanganui
Botanical Group 4 February 1990; J. Barkla July/Aug 1996.
Summer Nature Programme, 30 January 1997
Nomenclature last updated 10 June 1999**

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
Gymnosperms						
<i>Dacrycarpus dacrydioides</i> (kahikatea)				x		*
<i>Dacrydium cupressinum</i> (rimu)						
<i>Podocarpus hallii</i> (mountain totara)						
<i>P. totara</i> (totara)						
<i>Prumnopitys ferruginea</i> (miro)						
<i>P. taxifolia</i> (matai)						

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
Dicot trees and shrubs						
<i>Alseuosmia macrophylla</i>						
<i>Beilschmiedia tawa</i> (tawa)						
<i>Brachyglottis repanda</i> (rangiora)						
<i>Carmichaelia australis</i> var. (native broom)						
<i>Carpodetus serratus</i> (putaputaweta)						
<i>Coprosma lucida</i> (shining karamu)						
<i>C. rhamnoides</i>				X		*
<i>C. robusta</i> (karamu)						
<i>C. rotundifolia</i> CHR						
<i>Cyathodes juniperina</i>						
<i>Dracophyllum strictum</i> CHR						*
<i>Elaeocarpus dentatus</i> (hinau)						
<i>Griselinia lucida</i> (puka, broadleaf)						
<i>Hebe stricta</i> var. <i>stricta</i> (koromiko)			X			
<i>Hedycarya arborea</i> (pigeonwood)						
<i>Helichrysum aggregatum</i>						
<i>Hoheria populnea</i> var. [<i>H.sexstylosa</i>] (lacebark)						
<i>Knightia excelsa</i> (rewarewa)						
<i>Kunzea ericoides</i> (kanuka)						
<i>Laurelia novae-zelandiae</i> (pukatea)	X	X		X	X	
<i>Leptospermum scoparium</i> (manuka)	X	X	X	X	X	X
<i>Leucopogon fasciculatus</i> (mingimingi)	X					
<i>Lophomyrtus bullata</i> (ramarama)						*
<i>Macropiper excelsum</i> (kawakawa)				X		
<i>Melicytus ramiflorus</i> (mahoe)						
<i>Metrosideros robusta</i> (northern rata)						
<i>Myrsine australis</i> (mapou)						
<i>Nestegis cunninghamii</i> (black maire)						
<i>N. lanceolata</i> (white maire)						

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
<i>Nothofagus solandri</i> var. <i>solandri</i> (black beech) <i>Olearia rani</i> (heketara) <i>O. townsonii</i> (shrub daisy) CHR <i>Pseudopanax anomalus</i> <i>P. arboreus</i> (five finger) <i>P. crassifolius</i> (lancewood) <i>Rhabdothamnus solandri</i> (taurepo) <i>Schefflera digitata</i> (pate) <i>Sophora microphylla</i> (kowhai) <i>Streblus heterophyllus</i> (small-leaved milk tree, turepo) <i>Urtica ferox</i> (shrub nettle, ongaonga) <i>Weinmannia racemosa</i> (kamahi)	x					
<u>Moncot. trees</u> <i>Cordyline australis</i> (cabbage tree, ti kouka) <i>C. banksii</i> <i>Rhopalostylis sapida</i> (nikau)				x		x
<u>Monocot. lianes</u> <i>Freycinetia banksii</i> (kiekie) <i>Ripogonum scandens</i> (supplejack)	x			x		x
<u>Dicot. lianes</u> <i>Calystegia sepium</i> (convolvulus) <i>Clematis paniculata</i> (clematis) <i>Metrosideros diffusa</i> (white rata vine) <i>M. fulgens</i> (scarlet rata vine) <i>M. perforata</i> (white rata vine) <i>Muehlenbeckia australis</i> (pohuehue) <i>Parsonsia capsularis</i> (NZ jasmine) <i>Passiflora tetrandra</i> (native passionfruit) <i>Rubus cissoides</i> var. <i>cissoides</i> (lawyer)	x	x		x		x

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
<i>Rubus schmidelioides</i> (lawyer) CHR						*
<u>Monocot. herbs</u>						
<i>Acianthus sinclairii</i>						
<i>Astelia solandri</i> (perching lily)			x			
<i>Bolboschoenus fluviatilis</i> CHR						x
<i>Bulbophyllum pygmaeum</i>						
<i>Carex breviculmis</i>						
<i>C. dipsacea</i> CHR						x
<i>C. dissita</i>						
<i>C. flagellifera</i>						x
<i>C. inversa</i>						
<i>C. lessoniana</i>		x				x
<i>C. maorica</i>	x	x	x	x	x	x
<i>C. secta</i> s.s. (<i>purei</i>)	x	x	x	x	x	x
<i>C. virgata</i>	x	x	x	x	x	x
<i>C. sp.</i> (<i>C. geminata</i> agg. "giant sp.") CHR	x			x		x
<i>Collospermum hastatum</i> (perching lily)	x			x		
<i>Cortaderia toetoe</i> (toetoe)	x	x	x	x		x
<i>Corybas iridescens</i> (spider orchid)						
<i>Cyperus ustulatus</i>	x	x	x	x	x	x
<i>Deyeuxia avenoides</i> CHR						
<i>Dianella nigra</i> (turututu)	x					
<i>Dichelachne crinita</i> (plume grass)						
<i>Drymoanthus adversus</i>						
<i>Earina mucronata</i> (perching orchid)						
<i>E. autumnalis</i> (perching orchid)						
<i>Eleocharis acuta</i> (sharp spike sedge)	x			x		x
<i>E. gracilis</i> (slender spike sedge)	x				x	x
<i>Gahnia setifolia</i>						
<i>Isachne globosa</i>						x

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
<i>Isolepis nodosa</i> (club sedge)						
<i>I. prolifer</i>	x		x			
<i>I. reticularis</i>						x
<i>Juncus australis</i> (wiwi)						
<i>J. distegus</i> (wiwi)						x
<i>J. gregiflorus</i> (wiwi)	x	x	x	x	x	x
<i>J. pallidus</i>						x
<i>J. planifolius</i>	x					
<i>J. sarophorus</i> (wiwi)	x	x	x			x
<i>Lemna</i> sp (<i>L. minor</i> auct. NZ) (duckweed)	x		x	x	x	x
<i>Luzula picta</i> s.s. (woodrush)						
<i>Machaerina sinclairii</i> (tuhara)						
<i>Microlaena avenacea</i> (bush ricegrass)						
<i>M. stipoides</i> (meadow ricegrass)						
<i>Microtis unifolia</i> (onion-leaved orchid)	x					
<i>Phormium cookianum</i> (wharariki, mountain flax)		x				
<i>P. tenax</i> (harakeke, NZ flax)						x
<i>Poa anceps</i> ssp. <i>anceps</i>						
<i>Potamogeton ochreatus</i> CHR						x
<i>Pterostylis alobula</i> (greenhood orchid)						
<i>P. banksii</i> (?) (greenhood orchid)						
<i>Rytidosperma gracile</i> (danthonia)						
<i>Schoenoplectus tabernaemontani</i>						x
<i>Schoenus maschalinus</i>						
<i>Thelymitra longifolia</i> (sun orchid)						
<i>Triglochin striatum</i>	x					
<i>Typha orientalis</i> (raupo)	x	x	x	x	x	x
<i>Uncinia banksii</i> (fine hookgrass) CHR						
<i>U. scabra</i> (hookgrass) CHR						
<i>U. uncinata</i> (hookgrass)						

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
<i>U. sp</i> [<i>U. rupestris</i> / <i>U. zotovii</i>] (hookgrass) <i>Winika cunninghamii</i> (lady's slipper orchid)						
<u>Dicot Herbs</u>						
<i>Acaena anserinifolia</i> (bidibidi)	x					x
<i>Anaphalioidess subrigida</i>	x		x			x
<i>Callitriche petriei</i> CHR						x
<i>Cardamine sp.</i> (<i>C. debilis</i> agg.) (bittercress)						
<i>Centella uniflora</i>						*
<i>Cotula coronopifolia</i> (batchelors button)			x			x
<i>Dichondra sp.</i> [<i>D. brevifolia</i> agg.]						
<i>Drosera binata</i> (forked sundew)	x					
<i>Elatostema rugosum</i> (parataniwha)						
<i>Epilobium insulare</i> (willow herb)	x		x			x
<i>E. komarovianum</i> (willow herb)						
<i>E. nummulariifolium</i> (willow herb)						
<i>E. pallidiflorum</i> (willow herb)	x	x	x			
<i>E. pedunculare</i> (willow herb)						
<i>E. rotundifolium</i>						
<i>Galium propinquum</i>						
<i>G. trilobum</i> (native swamp bedstraw) CHR	x	x		x		x
<i>Gnaphalium gymnocephalum</i> (cudweed)						
<i>G. involucratum</i> (cudweed)	x					x
<i>G. sphaericum</i> (cudweed)						
<i>Glossostigma elatinoides</i> CHR	x					x
<i>Gunnera monoica</i>						
<i>Haloragis erecta</i>						x
<i>Hydrocotyle heteromeria</i> (pennywort, waxweed)			x			*
<i>H. microphylla</i> (pennywort)	x					

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
<i>H. moschata</i> (hairy pennywort)	x					x
<i>H. novae-zeelandiae</i> s.s. (swamp pennywort) CHR	x	x	x	x		x
<i>H. pterocarpa</i> (swamp pennywort) CHR	x	x	x			
<i>Hypericum japonicum</i>	x					x
<i>Lagenifera pumila</i>						
<i>Leptinella squalida</i>						
<i>Leptostigma setulosum</i>				x		*
<i>Limosella lineata</i>						x
<i>Mentha cunninghamii</i> (NZ mint) CHR						
<i>Myriophyllum propinquum</i> (milfoil)	x		x			x
<i>M. triphyllum</i> (milfoil) CHR						x
<i>Nertera depressa</i>	x					
<i>Ourisa macrophylla</i> ssp. <i>diffusa</i>						
<i>Oxalis exilis</i>						x
<i>O. magellanica</i>						
<i>Parahebe diffusa</i>						
<i>Polygonum salicifolium</i> (native willow weed)	x	x	x	x		
<i>Pratia angulata</i>	x					x
<i>Pseudognaphalium</i> sp. [<i>Gnaphalium luteo-album</i> agg.]						
<i>Ranunculus reflexus</i> (bush buttercup)				x		
<i>R. sp.</i> [<i>R. amphitrichus</i> / <i>R. glabrifolius</i>]	x					
<i>Senecio minimus</i> (fireweed)		x				
<i>S. rufiglandulosus</i>						
<i>Stellaria decipiens</i> (native chickweed)						
<i>Urtica incisa</i> (herb nettle)						
<i>Wahlenbergia rupestris</i> (white harebell)						
Ferns						
<i>Adiantum cunninghamii</i> (maidenhair fern)						
<i>Anarthropteris lanceolata</i>						
<i>Asplenium bulbiferum</i> s.s.						

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
<i>A. flaccidum</i> (hanging spleenwort)						X
<i>A. oblongifolium</i> (hanging spleenwort)						
<i>A. polyodon</i>				X		
<i>Azolla filiculoides</i> ssp. <i>rubra</i> (floating waterfern)	X		X	X		X
<i>Blechnum chambersii</i>					X	
<i>B. discolor</i> (crown fern)	X			X		
<i>B. filiforme</i> (climbing blechnum)				X		
<i>B. fluviatile</i>				X		*
<i>B. minus</i> (swamp kiokio)	X	X	X	X	X	X
<i>B. novae-zelandiae</i> (kiokio)						
<i>B. penna-marina</i>						
<i>Botrychium australe</i> (parsley fern)						
<i>Cardiomanes reniforme</i> (kidney fern)						
<i>Cyathea dealbata</i> (ponga)				X		
<i>C. medullaris</i> (mamaku)	X	X				
<i>C. smithii</i> (soft tree fern)						
<i>Dicksonia fibrosa</i> (wheki-ponga)						
<i>D. squarrosa</i> (wheki)	X			X	X	X
<i>Grammitis ciliata</i>						
<i>Diplazium australe</i>		X		X		X
<i>Histiopteris incisa</i> (waterfern)				X	X	
<i>Hymenophyllum demissum</i> (filmy fern)						
<i>H. sanguinolentum</i> (filmy fern)						
<i>Hypolepis ambigua</i>	X		X	X	X	*
<i>Lastreopsis glabella</i>						
<i>L.hispida</i>						
<i>Leptopteris hymenophylloides</i>						
<i>Lindsaea trichomanoides</i>						
<i>Microsorium pustulatum</i> (hound's tongue)					X	X
<i>M. scandens</i>						

A. INDIGENOUS PLANTS OF CATCHMENT	LAKES					
	1	2	3	4	5	6
<i>Paesia scaberula</i> (ring fern)	x	x		x	x	x
<i>Pellaea rotundifolia</i>						
<i>Pneumatopteris pennigera</i>				x		
<i>Pteridium esculentum</i> (bracken)	x					
<i>Pteris pendula</i> [<i>P. macilenta</i> of NZ authors]	x			x	x	
<i>P. tremula</i>						
<i>Pyrrhosia eleagnifolia</i> (leatherleaf fern)						x
<i>Rumohra adiantiformis</i>						
<i>Trichomanes venosum</i> (filmy bristle fern)						
<u>Fern Allies</u>						
<i>Lycopodium varium</i> (hanging clubmoss)						
<i>L. volubile</i> (climbing clubmoss)						
<i>Tmesipteris elongata</i>						
<i>T. tannensis</i>						

B. EXOTIC PLANTS OF THE LAKE WETLANDS	LAKES					
	1	2	3	4	5	6
<u>Dicot Herbs</u>						
<i>Bidens frondosa</i> (beggars ticks)						X
<i>Callitriche stagnalis</i> (starwort)	X		X	X		X
<i>Cirsium palustre</i> (marsh thistle)	X			X		X
<i>Digitalis purpurea</i> (foxglove)	X	X			X	
<i>Galium palustre</i> (marsh bedstraw)						X
<i>Leontodon taraxacoides</i>	X					X
<i>Lotus peduncularis</i> (lotus major)	X	X	X	X	X	X
<i>Ludwigia palustris</i> (water purslane)	X					X
<i>Mentha pulegium</i> (penny royal)	X	X	X	X	X	X
<i>Mimulus moschatus</i> (hairy musk)	X			X	X	X
<i>Myosotis laxa</i> (water forget-me-not)	X	X	X	X		X
<i>Nymphaea alba?</i> (water lily)	X					X
<i>Polygonum hydropiper</i> (water pepper)	X	X	X			X
<i>Prunella vulgaris</i> (selfheal)	X				X	*
<i>Ranunculus repens</i> (creeping buttercup)	X		X	X	X	X
<i>Rorippa microphylla</i> (watercress)	X		X	X		X
<i>Sonchus oleraceus</i> (puwha)				X		
<i>Stellaria media</i> (chickweed)		X				
<i>S. sp.</i> [<i>S. alsine?</i>] (swamp chickweed)	X		X	X		*
<i>Trifolium repens</i> (white clover)						X
<u>Monocot herbs</u>						
<i>Agrostis capillaris</i> (browntop)	X					
<i>A. stolonifera</i> (creeping bent)	X				X	X
<i>Anthoxanthum odoratum</i> (sweet vernal)	X					
<i>Festuca arundinacea</i> (tall fescue)	X				X	X
<i>Glyceria sp.</i> [<i>G. declinata?</i>] (floating sweetgrass)					X	X
<i>Holcus lanatus</i> (Yorkshire fog)	X	X		X	X	X

	LAKES					
B. EXOTIC PLANTS OF THE LAKE WETLANDS	1	2	3	4	5	6
<i>Isolepis sepulcralis</i>				X		X
<i>Juncus articulatus</i> (jointed-leaved rush)	X		X	X		X
<i>J. effusus</i> (wiwi)	X			X		X
<i>Ottelia ovalifolia</i> (swamp lily)	X			X		
<i>Potamogeton crispus</i> (curled pondweed)						X
<i>Spirodela punctata</i> (purple-backed duckweed)	X		X	X		
FERN ALLY						
<i>Equisetum arvense</i> (horsetail) CHR						X