

LIST OF VASCULAR PLANTS IN FIVE WETLANDS IN MATEMATEAONGA ECOLOGICAL DISTRICT

WANGANUI PLANT LIST NO 162

DEPARTMENT OF CONSERVATION WANGANUI

Compiled on the 9th and 10th June 2004 by Jim Campbell, Amy Hawcroft, Graeme LaCock and Rosemary Miller, with assistance from Colin Ogle

1. Kotekiekie wetland and surrounding forest. Approximate grid reference at E2670933 N6202383. Those denoted x¹ were collected on a wet papa face in adjoining forest.
2. Kotekiekie lake and nearby clearing at base of slip. Approximate grid reference at E2670272 N6201714
3. Waipatoa wetland. Approximate grid reference at E2665111 N6198352
4. Makakaho wetland. Approximate grid reference at E2676266 N6188177
5. Omahine wetland.

Species	1	2	3	4	5
Trees and shrubs					
<i>Aristotelia serrata</i>	x	x		x	
<i>Beilschmedia tawa</i>	x		x		
<i>Brachyglottis repanda</i>					x
<i>Carpodetus serrata</i>	x		x	x	x
<i>Coprosma grandifolia</i>			x	x	
<i>Coprosma lucida</i>	x				
<i>Coprosma rhamnoides</i>					x
<i>Coprosma robusta</i>				x	
<i>Coriaria arborea</i>	x				
<i>Dacrycarpus cupressinum</i>			x	x	
<i>Dacrycarpus dacrydiodes</i>	x		x	x	x
<i>Eleaocarpus dentata</i>					x
<i>Fuchsia excorticata</i>	x			x	
<i>Gaultheria antipoda</i>					x
<i>Geniostema rupestre</i> var. <i>lingustifolia</i>	x				x
<i>Griselinia lucida</i>	x		x	x	
<i>Hebe stricta</i> var. <i>stricta</i>	x ¹			x	x
<i>Hedycarya arborea</i>	x				
<i>Hoheria populnea</i>			x	x	
<i>Knightia excelsa</i>			x		x
<i>Melicytus ramiflorus</i>	x			x	x
<i>Myrsine australis</i>				x	
<i>Nestigis cunninghamii</i>			x		
<i>Laurelia novae-zeelandiae</i>					x
<i>Leptospermum scoparium</i>	x		x	x	x
<i>Leucopogon fasciculatus</i>					x

Olearia rani					x
Pennantia corymbosa				x	
Prumnopitys ferruginea	x ¹		x		
Pseudopanax crassifolia			x	x	
Pseudopanax laetus	x ¹				
Pseudowintera colorata	x				
Schefflera digitata	x		x	x	x
Urtica ferox				x	
Weimannia racemosa	x		x	x	x
Lianes					
Clematis paniculata	x			x	
Freycinetia baueriana ss. banksii					x
Metrosideros collensoi	x		x		
Metrosideros diffusa	x			x	x
Metrosideros fulgens					x
Muehlenbeckia australis	x		x	x	
Ripogonum scandens	x				x
Rubus schmideliodes var schmedeliodes	x			x	
Dicot and monocot herbs					
Acaena anserinifolia			x		x
Agrostis capilaris*	x		x		
Anaphaloides trinervis	x ¹				
Callitriche stagnalis*				x	
Cardamine debilis agg	x				
Carex geminata		x			
Carex geminata 'giant'	x ¹		x		
Carex maorica			x	x	
Carex secta	x		x	x	x
Carex solandri	x ¹				
Carex virgata			x		
Cirsium palustre*	x		x	x	x
Cirsium vulgare*	x		x		
Cordateria toetoe			x	x	
Digitalis purpurea*	x			x	
Earina autumnalis	x				x
Earina mucronata					x
Elatostema rugosum	x ¹		x		x
Eleocharis acuta	x				x
Eleocharis gracilis					x
Epilobium alsinoides		x			
Epilobium insulare			x	x	
Epilobium nummularifolium		x			x
Epilobium (pallidiflorum or ciliatum*)				x	x
Epilobium pedunculare		x			

Euchiton involucreatus	x		x		
Euchiton (sphaerica?)		x			
Gunnera monoica var. monoica	x, x ¹		x		
Holcus lanatus*		x	x		
Hydrocotyle moschata	x	x	x	x	
Hydrocotyle novae-zeelandiae	x		x		
Hypochoeris radicata*				x	
Isoplepis reticularis	x ¹		x		
Jovellana repens	x ¹				
Juncus acutiflorus (?only recorded in SI)				x	
Juncus articulatus*		x	x	x	
Juncus edgariae	x	x	x	x	
Juncus effusus				x	
Juncus planifolius					x
Leontodon taraxacoides*		x		x	
Lotus pedunculata*				x	x
Microlaena avenacea	x		x		
Myosotis laxa				x	
Nertera depressa	x, x ¹		x		x
Ourisia macrophylla var robusta	x				
Oxalis exilis			x		
Parahebe spp.	x ¹				
Polygynum hydropiper*				x	
Potamogeton suboblongus			x	x	
Pratia angulata agg.	x	x	x		x
Prunella vulgaris*				x	
Ranunculus (prob. amphitrichus)	x		x		
Ranunculus reflexus	x		x	x	
Ranunculus repens*				x	x
Rorripa spp (maybe *)					x
Senecio minimus	x ¹	x			
Senecio rufigliandulosus		x			
Stellaria alsine*				x	
Stellaria parviflora	x				
Sonchus aspa			x		
Typha orientalis				x	x
Uncinia banksii	x				
Uncinia ferruginea	x ¹		x	x	
Uncinia uncinata	x				x
Urtica incisa	x		x	x	
Winikia cunninghamii	x				
Ferns and fern allies					
Asplenium bulbiferum	x		x		
Asplenium flabellatum	x				
Asplenium oblongifolium	x				
Asplenium polyodon	x			x	
Azola filiculoides				x	

Blechnum chambersii	x		x		
Blechnum collensoi	x, x ¹		x		
Blechnum discolor	x		x		
Belchnum filliforme			x		
Blechnum fluvatile	x		x		
Blechnum minus			x	x	x
Ctenopteris heterophylla			x		
Cyathea cunninghamii			x		
Cyathea smithii	x				
Cyathophorum spp.	x ¹				
Dawsonia spp.	x				
Dicksonia fibrosa			x	x	
Dicksonia squarrosa	x		x	x	x
Histeropteris incisa	x		x	x	
Hymenophyllum demmisum	x ¹				
Hymenophyllum ferrugineum	x				
Hymenophyllum flabellatum	x				
Hymenophyllum multifidum			x		
Hymenophyllum scabrum	x				
Hypolepis distans				x	
Lastreopsis glabella	x				
Lastreopsis hispida	x		x	x	
Lemna minor				x	x
Leptopteris hymenophylloides	x				
Lindsaea viridis	x ¹				
Lycopodium scariosum			x		
Microsorium pustulatum	x				
Paella rotundifolia			x		
Paesia scaberula	x		x	x	
Polystichum spp	x				
Polystichum silvaticum/vestitum			x		
Pteridium esculentum				x	x
Pteris macilentia	x		x	x	
Rumohra adiantiformis	x		x		
Trichomanes reniforme			x		

Overall, 148 taxa were recorded (not all could be identified to the species level). Of those, 14-16 were exotic species (all grasses or herbs) and three were unusual or threatened indigenous species (*Pseudopanax laetus*, *Hypolepis distans* and *Lindsea viridis*). It is likely more species would be discovered if search areas or times were increased.

1. Kotekiekie, 84 species recorded, 4 exotic.
2. Kotekiekie lake, 14 species (probably related to search time), 1 exotic.
3. Waipatoa, 61 species, 4 exotic.
4. Makakaho, 59 species, 11-12 exotic.
5. Omahine, 42 species, 3-5 exotic.