

**LIST OF INDIGENOUS VASCULAR PLANTS IN MATEMATEAONGA  
ECOLOGICAL DISTRICT AND DISTRIBUTION IN SELECTED PARTS.**  
*(list of adventive plants appended for columns 11, 12)*

## **WANGANUI PLANT LIST NO. 36**

Department of Conservation, Wanganui

This list originally appeared as Appendix 3 in the Protected Natural Areas Programme Survey report on Matemateaonga Ecological District (D. Ravine 1996).  
Last updated 30 Nov. 2000, C Ogle, A Dijkgraaf, K Boobyer, DoC, Wanganui

The species are arranged in groups: gymnosperms, dicot trees and shrubs, monocot trees and shrubs, dicot lianes, monocot lianes, dicot herbs, monocot herbs (orchids, grasses, sedges, rushes, others), ferns, fern allies. Species listed but which have no location in columns 1-11 are known from one or more other reserves and/or areas of unreserved lands in the Ecological District.

1. West of Retaruke [A P Druce: Checklist 95]
  2. Whanganui River between Pipiriki and Jerusalem [A P Druce: Checklist No. 163]
  3. Rotokahu (including Lake Hawkes) [Fuller and Edwards 1987]
  4. Rotokare [Bayfield et al. 1986; Ogle 1993 (Wanganui Checklist No. 50)]
  5. Awahou [Bayfield et al. 1986]
  6. Oruru [Fuller and Edwards 1987]
  7. Rotokohu [Bayfield et al. 1986; Ogle (pers. obs. 1991)]
  8. Moeawatea [Bayfield et al. 1986]
  9. Moumahaki Lakes [Ogle and Baxter 1988 (Wanganui plant list No. 5)] (w = wetlands;  
d = dryland only)
  10. Tangarakau Conservation Area (T. Holmes et al. Nov 1998)
  11. Waitotara R., from road-end (Larsen's) to Trains Hut -(Wanganui Bot Gp, 4/11/00 [C Ogle,  
J Campbell & others])
  12. Tahupo (J. Campbell, A. Dijkgraaf (9-10/11/00)

1 2 3 4 5 6 7 8 9 10 11 12

## Gymnosperms

Dacrydium cupressinum (rimu)	x	x	x	x	x	x	x	x	d	x	x	x
Dacrycarpus dacrydioides (kahikatea)	x	x	x	x	x	x	x	x	w	x	x	x
Podocarpus hallii (Hall's totara)	x		x		x	x	x	x	d	x	x	x
P. totara (totara)			x	x				x	d	x	x	x
Prumnopitys ferruginea (miro)	x	x	x	x	x	x	x	x	d	x	x	x
P. taxifolia (matai)	x	x	x		x	x	x		d			x

## Dicot Trees & Shrubs

	1	2	3	4	5	6	7	8	9	10	11	12
B. repanda (rangiora)	x	x	x	x	x	x	x	x	d	x	x	x
Carmichaelia australis (incl C. cunninghamii) (NZ broom)	x	x		x			x	x	d		x	
Carpodetus serratus (putaputaweta)	x	x	x	x	x	x	x	x	w	x	x	x
Coprosma areolata	x	x	x	x	x		x	x				
C. colensoi		x										
C. grandifolia (raurekau, kanono)	x	x	x			x					x	
C. lucida (shining karamu)	x	x	x	x	x	x	x		d	x	x	x
C. propinqua												
C. propinqua x C. robusta									d			
C. rhamnoides	x	x	x	x	x	x	x	x	w	x	x	
C. robusta (karamu)					x		x		w	x	x	
C. rotundifolia					x		x		w	x		
C. tenuicaulis				x								
C. tenuifolia												
C. "sp. t." of Eagle (1986)										x	x	
Coriaria arborea (tutu)	x	x			x	x	x					
Corynocarpus laevigatus (karaka)		x		x			x					
Cyathodes juniperina (prickly mingimingi)	x		x		x		x	x		x		
Dodonaea viscosa (akeake)												
Dracophyllum strictum	x	x	x		x				d	x		
D. traversii			x									
Dysoxylum spectabile (kohekohe)												
Elaeocarpus dentatus (hinau)	x	x	x	x	x	x	x	x	d	x	x	x
E. hookerianus (pokaka)		x		x					?			
Fuchsia excorticata (tree fuchsia, kotukutuku)	x	x	x	x	x	x	x	x		x		
F. perscandens (climbing fuchsia)												
Gaultheria antipoda (snowberry)	x	x	x		x			x	d	x		x
G. oppositifolia	x	x	x						d			
G. paniculata	x	x	x		x					x		
G. antipoda x G. oppositifolia										x		
G. antipoda x G. paniculata											x	
Geniostoma rupestre (hangehange)	x	x	x	x	x		x	x	d	x	x	x
Griselinia littoralis (broadleaf)	x		x		x					x		
G. lucida (perching broadleaf)	x	x	x	x	x		x	x	d	x	x	x
Hebe macrocarpa var. (H. coriganii)	x				x					?		
Hebe stricta var. stricta (koromiko)	x	x	x	x	x	x	x	x	d	x	x	
Hedycarya arborea												

	1	2	3	4	5	6	7	8	9	10	11	12
(pigeonwood)	x	x	x	x	x	x	x	x	w	x	x	x
<i>Helichrysum aggregatum</i>	x		x						x	x		
Hoheria populnea var. ( <i>H. sexstylosa</i> ) (lacebark)			x	x	x	x	x	x	d	x	x	
<i>Knightia excelsa</i> (rewarewa)	x	x	x	x	x	x	x	x	d	x	x	x
<i>Kunzea ericoides</i> (kanuka)	x	x	x	x		x				x		x
<i>Laurelia novae-zelandiae</i> (pukatea)	x	x	x	x	x		x	x	w	x	x	x
<i>Leptospermum scoparium</i> (manuka)	x	x	x	x	x	x	x	x	w	x	x	x
<i>Leucopogon fasciculatus</i> (mingimingi)		x				x			w	x	x	x
<i>L. fraseri</i> (patotara)			x		x		x	x				
<i>Lophomyrtus bullata</i> (ramarama)		x		x			x	x	d	x	x	x
<i>Macropiper excelsum</i> (kawakawa)	x	x		x			x		w			
<i>Melicope simplex</i> (poataniwha)						x						
<i>Melicytus lanceolatus</i> (mahoe-wao)	x				x	x				x		
<i>M. ramiflorus</i> (mahoe)	x	x	x	x	x	x	x	x	d	x	x	x
<i>Metrosideros robusta</i> (northern rata)	x	x	x	x	x		x	x		x	x	x
<i>Mida salicifolia</i> (NZ sandalwood)												
<i>Myoporum laetum</i> (ngaio)		x										
<i>Myrsine australis</i> (mapou)	x	x	x	x	x		x	x	d	x	x	x
<i>M. salicina</i> (toro)	x	x										
<i>Nestegis cunninghamii</i> (black maire)	x	x	x		x			x	d	x		x
<i>N. lanceolata</i> (white maire)	x	x	x	x	x	x	x	x	d	x		x
<i>N. montana</i> (narrow-leaved maire)					x							
<i>Nothofagus menziesii</i> (silver beech)				x								
<i>N. solandri</i> var. <i>solandri</i> (black beech)	x	x	x		x	x	x	x	w	x	x	x
<i>N. truncata</i> (hard beech)			x		x				x		x	x
<i>Olearia furfuracea</i>												
<i>O. rani</i> (heketara)	x	x	x	x	x	x	x	x	d	x	x	
<i>O. townsonii</i>	x		x						d			x
<i>Pennantia corymbosa</i> (kaikomako)	x	x	x	x	x	x				x		x
<i>Pimelea prostrata</i> (pinatoro)												
<i>Pittosporum cornifolium</i>						x						
<i>P. eugenioides</i> (lemonwood, tarata)								x				
<i>P. t. subsp. <i>tenuifolium</i></i> (kohuhu)												x
<i>P. tenuifolium</i> subsp. <i>colensoi</i> (kohuhu)						x						
<i>Plagianthus regius</i> (ribbonwood)												
<i>Pseudopanax anomalous</i>									d	x		
<i>P. arboreus</i> (5 finger)	x	x	x			x	x		d	x	x	x
<i>P. crassifolius</i> (lancewood, horoeka)	x	x	x	x	x	x	x		d	x	x	x
<i>P. edgerleyi</i> (raukawa)		x										
<i>P. laetus</i>	x		x			x						
<i>Pseudowintera axillaris</i> (horopito)	x		x	x	x							
<i>P. colorata</i> (horopito)												x
<i>Quintinia serrata</i> (tawheowheo)	x		x		x		x	x	d	x	x	x
<i>Rhabdothamnus solandri</i> (taurepo)	x	x	x	x	x	x	x	x				

	1	2	3	4	5	6	7	8	9	10	11	12
Rhopalostylis sapida (nikau)	x	x		x			x		d		x	
Schefflera digitata (pate)	x	x	x	x	x	x	x	x	d		x	x
Solanum aviculare (poroporo)	x			x							?	
Sophora sp. (aff. microphylla) (kowhai)		x	x				x			d		
Streblus heterophyllus (taurepo, milk tree)	x	x			x	x	x	x	d		x	
Syzygium maire (swamp maire)				x								
Urtica ferox (ongaonga)					x		x		d		x	
Weinmannia racemosa (kamahi)	x	x	x	x	x	x	x	x	w	x	x	x
<b>Monocot trees &amp; Shrubs</b>												
Cordyline australis (cabbage tree)	x	x		x			x		w			
C. banksii (Banks' cabbage tree)	x	x			x	x		x			x	
C. indivisa (mountain cabbage tree)	x											
<b>Dicot lianes</b>												
Calystegia sepium agg. (convolvulus)									w			
C tuguriorum	x	x		x		x	x				x	
Clematis foetida	x	x		x	x	x	x			x	x	
C. forsteri	x	x				x				x	x	
C. paniculata (puawhangana)	x	x	x	x	x		x	x	d	x	x	x
Metrosideros colensoi (white rata vine)	x	x	x	x	x	x	x	x		x	x	x
M. diffusa (white rata vine)	x	x	x	x	x	x	x	x	w	x	x	x
M. fulgens (scarlet rata vine)	x	x	x	x	x		x	x	d	x	x	x
M. perforata (white rata vine)	x	x	x	x	x	x	x	x	w	x	x	x
Muehlenbeckia australis (pohuehue)	x	x	x	x	x	x	x	x	d	x	x	
Parsonsia capsularis (NZ jasmine)	x	x	x	x	x		x	x				
P. heterophylla (NZ jasmine)	x		x	x	x	x						
Passiflora tetrandra(kohia, NZ passionfruit)	x	x	x	x	x	x	x	x	w	x	x	x
Rubus australis (lawyer)	x		x									x
R. cissoides var. cissoides and/or unnamed var. with narrow leaflets (lawyer)	x	x	x	x	x	x	x	x	d	x	x	
R. schmidelioides var. schmidelioides (lawyer)	x	x			x	x			d			x
<b>Monocot Lianes</b>												
Freycinetia banksii (kiekie)	x	x	x	x	x	x	x	x	w	x	x	x
Ripogonum scandens (supplejack)	x	x	x	x	x	x	x	x	w	x	x	x
<b>Dicot herbs</b>												
Acaena anserinifolia (piripiri)	x		x		x	x	x	x	w	x	x	x
Anaphalioides trinervis (everlasting daisy)	x	x	x		x	x		x		x	x	
A. subrigida (everlasting daisy)	x	x				x					x	
Australina pusilla												

	1	2	3	4	5	6	7	8	9	10	11	12
Brachyglottis turneri												
Callitriche petriei (NZ starwort)									w			?
C. muelleri (NZ Starwort)				x								
Cardamine sp. (C. debilis agg.) (bittercress)	x	x		x	x	x	x	x	d	x	x <sup>1</sup>	
Centella uniflora									d			
Cotula coronopifolia (batchelor's button)									w			
Dactylanthus taylorii												
Dichondra sp. (D. brevifolia agg.)	x				x					d		
Drosera binata (forked sundew)									w			
D. peltata subsp. auriculata (sundew)	x									x		
Elatostema rugosum	x	x	x	x	x	x	x		d		x	
Epilobium alsinoides (willow-herb)	x	x	?									
E. cinereum (willow-herb)	x											
E. insulare (willow-herb)							x		w			
E. komarovianum (willow-herb)									d			
E. macropus (willow-herb)												
E. nerteroides (willow-herb)	x	x	x			x						x
E. nummulariifolium (willow-herb)	x	x	x			x						
E. pallidiflorum (willow-herb)									w			
E. pedunculare (willow-herb)									d		x	
E. pubens (willow-herb)	x	x	x									
E. rotundifolium (willow-herb)	x	x			x	x	x	x	d		x	
Euchiton (Gnaphalium) audax s.s. (NZ cudweed)	x	x	x	?					x		x	x
E. gymnocephala (NZ cudweed)	x	x		x					d		x	
E. involucrata (NZ cudweed)									w	x		
E. sphaerica (NZ cudweed)									d			
Euphrasia cuneata (eyebright)	x	x			x		x	x				
Galium propinquum (NZ bedstraw)	x								d			
G. trilobum (NZ bedstraw)									w			
Geranium microphyllum				x								
G. potentilloides		x				x						
Glossostigma elatinoides									w			
Gunnera monoica var. monoica	x	x		x	x				d	x	x	
Haloragis erecta	x	x		x	x	x	x		w		x	
Hydrocotyle elongata	x	x										x
H. heteromeria (waxweed)			x	x	x	x	x	x	w		x	
H. microphylla			x						w		x	
H. moschata (hairy pennywort)	x	x		x	x	x	x	x	w	x	x	
H. novae-zeelandiae s.s.	x					x			w		x	
H. pterocarpa									w			
Lagenifera pumila	x		x	x			x	x	d	x	x	
Leptinella squalida ssp. squalida									d			
Leptostigma (Nertera) setulosa									w			
Limosella lineata					x	x	x	x				w

<sup>1</sup> All plants seen were Cardamine sp. (unnamed "Narrow Petal" of Pritchard 1957)

	1	2	3	4	5	6	7	8	9	10	11	12
Mentha cunninghamii (NZ mint)									d			x
Myriophyllum propinquum (milfoil)			x						w			
M. triphyllum									w			
Nertera ciliata											x	
N. depressa	x	x	x	x	x	x	x	x	w	x	x	
N. villosa				x								
Ourisia macrophylla ssp. robusta (mtn foxglove)	x										x	
Oxalis exilis	x	x							w		x	
O. magellanica									d		x	
Parahebe diffusa	x										x	
Plantago raoulii var. (narrow-leaved)	x											
Polygonum salicifolium (willow-weed)									w			
Pratia angulata	x	x	x	x	x	x	x	x	w	x	x	x
Pseudognaphalium luteo-album agg. (cud-weed)						x	x	x	d		x	
Ranunculus reflexus (bush buttercup)	x	x	x		x	x	x	x	w	x	x	x
R. sp. (R. amphitrichus and/or R. glabrifolius) (waoriki)									w			
Senecio glomeratus (fireweed)												
S. hispidulus (fireweed)	x											
S. minimus (fireweed)	x	x	x	x	x	x	x	x	w		x	
S. rufiglandulosus	x	x			x	x	x	x	d		x	x
Stellaria decipiens (NZ chickweed)	x	x	x	x	x	x	x	x	d	x	x	
Urtica incisa (nettle)	x	x	x	x	x	x	x	x	d		x	x
Wahlenbergia rupestris (harebell)									d			
W. gracilis (likely error, prob. W. violacea?) (harebell)			?									

### Monocot Herbs

1. Orchids												
Acianthus sinclairii	x	x								d		
Aporostylis bifolia					x							
Bulbophyllum pygmaeum	x											
Caladenia catenata			x				x					
C. chlorostyla												
C. aff. carnea (pink flowers)									x			
Chiloglottis cornuta		x			x	x			x	x	x	x?
Corybas acuminatus (spider orchid)												
C. cheesemanii (spider orchid)												
C. cryptanthus (leafless spider orchid)												
C. macranthus (spider orchid)	x								x			
C. oblongus (spider orchid)	x				x			x		x	x	
C. orbiculatus (spider orchid)												
C. iridescent			?					?		?		
C. papa										x		

	1	2	3	4	5	6	7	8	9	10	11	12
C. rivularis agg. [not <i>C. riv.</i> s.s.]		x				x			d		x	
C. trilobus agg.	x	x	x			x	x	x		x	x	x
Dendrobium (Winika) cunninghamii	x	x	x	x	x	x	x		d	x	x	x
Drymoanthus adversus	x			x	x			x	d			
Earina autumnalis (autumn orchid)	x	x	x		x	x	x	x	d	x	x	x
E. mucronata	x	x	x	x	x	x	x	x	d	x	x	x
Gastrodia cunninghamii		x								x		
G. sp. (unnamed: G. "Long Column")												
Genoplesium (Prasophyllum) nudum	x											
Microtis unifolia	x			x	x	x	x		?	w		x
Orthoceras strictum	x											
Pterostylis alobula (greenhood orchid)									d			
P. banksii (greenhood orchid)	x	x		x		x	x	x	d	x		
P. trullifolia (? error for P. alobula) (greenhood orchid)												
P. graminea and/or P. montana (greenhood orchid)	x	x	x							?	x	x
Thelymitra longifolia (sun orchid)	x	x			?		?	?	w	x	x	
<b>2. Grasses</b>												
Cortaderia fulvida (spring toetoe)	x	x	x	x		x	x	x			x	
C. toetoe (summer toetoe)	x	x					x			w		
Deyeuxia avenoides									d			
Dichelachne crinita (plumegrass)	x								d			
Echinopogon ovatus (hedgehog grass)				x	x							
Isachne globosa (swamp millet)				x					w			
Microlaena avenacea (bush rice grass)	x	x	x	x	x	x	x	x	d		x	
M. stipoides (meadow rice grass)	x	x	x			x			d			
Poa anceps ssp. anceps	x	x				x	x	x	d		x	
Rytidosperma clavatum (danthonia)	x				?			x	d			
R. gracile (danthonia)	x				?			x				
R. unarede (danthonia)	x							?				
<b>3. Sedges</b>												
Baumea articulata				x								
Bolboschoenus fluviatilis							x		w			
Carex breviculmis									d			
C. dipsacea									w			
C. dissita	x			x		x	x	x	d			
C. flagellifera	x								w			
C. geminata agg.	x	x		x	x	x			w		x <sup>2</sup>	
C. forsteri	x	x			x						x	
C. inversa									d			

<sup>2</sup> All plants were of the unnamed broad-leaved form of *C. geminata*

	1	2	3	4	5	6	7	8	9	10	11	12
C. lessoniana	x						x	x	w		?	
C. maorica			x	x		x			w			
C. secta var. secta (purei)			x	x		x			w		x	
C. solandri	x	x			x					x	x	
C. spinirostris												
C. virgata				x	x	x	x	x	w	x	x	
Cyperus ustulatus							x		w			x
Eleocharis acuta (sharp spike sedge)				x			x		w			
E. gracilis (slender spike sedge)									w			
Gahnia lacera			x									x
G. pauciflora	x	x			?			x				
G. setifolia	x				x				d		x	
Isolepis distigmatosa							x					
I. nodosa									d			
I. pottsii		x					?					
I. prolifer					?				w		x	
I. reticularis	x	x				x			w		x	
Machaerina sinclairii (tuhara)	x	x	x		x	x	x	x	d		x	
Schoenoplectus tabernaemontani (kapungawha)							x		w			
Schoenus maschalinus		x						x	d		x	
S. tendo	x				x					x		
Uncinia affinis (hooked sedge)												
U. banksii (hooked sedge)					x	x						
U. clavata (hooked sedge)											x	
U. ferruginea (hooked sedge)	x	x			x	x	x	x				
U. gracilenta (hooked sedge)												
U. scabra (hooked sedge)								x	d			
U. uncinata (hooked sedge)	x	x	x	x	x	x	x	x	d		x	x
U. zotovii (hooked sedge)	x		x		x	x			?			x
<b>4. Rushes</b>												
Juncus australis									d	x		
J. distegus									w			
J. gregiflorus	x		x	x	x	x	x	x	w		x	
J. pallidus									w			
J. planifolius					x	x			x	w		x
J. sarophorus				x	x	x			w	x		
Luzula picta s.s. (woodrush)	x	x	x						d	x	x	x
<b>5. Monocot herbs other than orchids, grasses, sedges, rushes</b>												
Arthropodium candidum	x	x									x	
Astelia fragrans					x							
A. solandri	x	x	x	x	x	x	x	x	w	x	x	x
A. trinervia	x			x								

	1	2	3	4	5	6	7	8	9	10	11	12
Colospermum hastatum		x	x	x	x	x	xx	w		x	x	
C. microspermum	x	x		x	x	x					?	
Dianella nigra (turutu)	x	x	x	x	x	x	x	x	w		x	x
Lemna minor (of NZ authors)				x			x		w			
Libertia grandiflora			x		x		x					x
L. ixioides												
L. pulchella	x				x							
Phormium cookianum (wharariki)	x		x			x	x	x	w		x	
P. tenax (harakeke)				x					w			
Potamogeton cheesemanii (pondweed)					x				w			
P. ochreatus									w			
Triglochin striatum (arrow-grass)									w			
Typha orientalis (raupo)		x	x	x			x		w	x		

### Ferns

Adiantum cunninghamii (maidenhair)	x	x		x		x	x	x	d	x	x	x
A. fulvum (maidenhair)												
Anarthropteris lanceolata	x	x	x	x	x	x		x	d		x	
Arthropteris tenella				x								
Asplenium bulbiferum (hen and chickens fern)	x	x	x	x	x	x	x	x	d	x	x	
A. colensoi <sup>a</sup>												
A. flaccidum (hanging spleenwort)	x	x	x	x	x	x	x	x	w	x	x	x
A. gracillimum				x							x	
A. hookerianum s.s.				x		x						
A. oblongifolium (shining spleenwort)	x	x	x	x	x		x	x	d	x	x	x
A. polyodon (sickle spleenwort)	x	x	x	x		x	x	x	w	x	x	x
Azolla filiculoides ssp. rubra			x	x			x		w			
Blechnum chambersii	x	x	x	x	x	x	x	x	w	x	x	
B. colensoi	x	x	x		x	x		x		x	x	
B. discolor (crown fern)	x		x	x	x	x	x	x	w	x	x	x
B. filiforme (climbing blechnum)	x	x	x	x	x	x	x	x	w	x	x	x
B. fluviatile	x	x	x	x	x	x	x	x	w	x	x	x
B. membranaceum		x								x		
B. minus (of NZ authors) (swamp kio kio)			x				x		w			
B. novae-zelandiae (kio kio)	x	x	x	?	x	x	x	x	d	x	x	x
B. penna-marina				x					d			x
B. procerum												
B. triangularifolium (cliff kio kio)												x
B. vulcanicum	x		x									
Botrychium australe (parsley fern)									d			
B. biforme	x	x										
Cardiomanes reniforme (kidney fern)	x	x	x	x	x	x	x	x	d	x	x	x
<sup>a</sup> New record by J Campbell 2/01 Ctenopteris heterophylla				x	x	x	x	x		x	x	
Cyathea cunninghamii (gully tree)												

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
fern)		x					x	x		x		x
C. dealbata (ponga)	x	x	x	x	x		x	x	w	x	x	x
C. medullaris (mamaku)	x	x	x	x	x		x	x	w	x	x	x
C. smithii (katote, soft tree fern)	x	x	x		x		x	x	d	x	x	x
Dicksonia fibrosa (wheki-ponga)	x	x	x		x	x	x	x	d	x	x	
D. squarrosa (wheki)	x	x	x	x	x	x	x	x	w	x	x	x
Diplazium australe	x	x			x	x		x	w	x		
Gleichenia dicarpa (tangle fern)										?		?
Grammitis billardierei	x		x		x			x				
G. ciliata		x			x					d		
G. pseudociliata												
Histiopteris incisa	x	x	x	x	x	x	x	x	w	x	x	x
Hymenophyllum bivalve												
H. demissum	x	x	x		x	x	x	x	d		x	
H. dilatatum	x	x	x	x	x			x		x	x	
H. ferrugineum	x	x	x	x	x			x				x
H. flabellatum	x	x		x	x	x	x	x		x	x	
H. flexuosum	x		x									
H. multifidum	x	x			x		x	x		x	x	
H. rarum	x	x			x			x				
H. revolutum	x	x			x	x	x	x			x	x
H. sanguinolentum	x	x	x		x	x	x	x	d	x		x
H. scabrum	x	x	x	x	x						x	
Hypolepis ambigua	x	x	x	x	x		x		w		x	
H. lactea												x
H. rufobarbata						x						
Lastreopsis glabella	x		x	x					d			
L. hispida	x	x	x	x					d		x	
Leptolepia novae-zelandiae	x		x									
Leptopteris hymenophylloides	x	x	x	x	x	x	x	x	d		x	x
L. hymenophylloides x L. suberba												
L. superba (prince of Wales fern)												
Lindsaea trichomanoides				x		x		x	x	d		
L. viridis												x
Microsorum pustulatum (hound's tongue)	x	x	x	x	x	x	x	x	w	x	x	
M. scandens	x	x	x	x	x	x	x	x	d	x	x	x?
Ophioglossum coriaceum (adder's tongue)		x										
Paesia scaberula (ring fern)	x	x	x	x	x	x	x	x	w	x	x	
Pellaea rotundifolia (button fern)	x								d	x		x
Pneumatopteris pennigera	x	x	x	x					w		x	
Polystichum richardii (hard shieldfern)	x	x	x	x	x	x	x	x			x	
P. silvaticum sp.		x		x								
P. vestitum	x	x			x	x	x			x		

	1	2	3	4	5	6	7	8	9	10	11	12
Pteridium esculentum (bracken)	x	x	x	x	x	x	x	w	x	x	x	x
Pteris macilenta (of NZ authors)		x	x	x			x	x	w	x	x	
P. tremula (shaking brake)				x			x	x	d		x	
Pyrrosia eleagnifolia	x	x	x	x	x	x	x	w	x	x	x	x
Rumohra adiantiformis	x	x	x		x			x	d		x	
Sticherus cunninghamii (umbrella fern)			x						x			?
Trichomanes elongatum		x							d			
T. endlicherianum												
T. colensoi												
T. venosum	x	x	x	x	x	x	x	x			x	
<b>Fern Allies</b>												
Huperzia varia (Lycopodium varium)	x	x	x	x	x	x	x	x	d		x	
Lycopodium deuterodensum										x		
L. scariosum				x	x					x		
L. volubile (climbing club moss)	x	x	x		x	x	x	x	d	x	x	
Tmesipteris elongata		x		x	x		x	x	d	x	x	
T. tannensis	x		x	x	x	x	x		d		x	

### Exotic Species within natural areas

(u=uncommon)

#### Trees and shrubs

#### Dicot herbs

Cerastium fontanum (mouse-eared chickweed)	u
Cirsium arvense (Californian thistle)	x
Cirsium palustre (marsh thistle)	x x
Cirsium vulgare (Scotch thistle)	x x
Digitalis purpurea (foxglove)	x x
Gnaphalium spicatum? (cudweed)	u
Lotus peduncularis (lotus major)	x
Mentha suaveolens (apple mint)	x
Mycelis muralis (wall lettuce)	x
Prunella vulgaris (selfheal)	x x
Ranunculus repens (creeping buttercup)	x x
Sagina procumbens	u
Senecio bipinnatisectus (fireweed)	x
Senecio jacobaea (ragwort)	x
Veronica serpyllifolia (marsh speedwell)	x

#### Monocot herbs

Agrostis stolonifera (creeping bent)	x
Anthoxanthum odoratum (sweet vernal)	x
Cyperus eragrostis	x
Hedychium gardnerianum (kahili ginger)	x <sup>3</sup>

<sup>3</sup> Not actually in the defined area, but on road edges down-river from Larsen's

	1	2	3	4	5	6	7	8	9	10	11	12
Holcus lanatus (Yorkshire fog)								x	x			
Juncus tenuis								u				
Poa annua (annual poa)									u			
Rytidosperma racemosum (danthonia)										x		
Schedonorus phoenix (tall fescue)											x	

**Total indigenous species = 367**

*Flowering notes for Tahupo, Nov 2000 Heketara mass flowering; Pterostylis montana, Carpodetus serratus coming into flower.*

*Miro*