

WANGANUI PLANT LIST NO. 103

**Vascular Plants of 3 forest remnants at end of Denlair Rd, Fordell.
C Ogle and Wanganui Museum Botanical Group,
4 October 1997**

On their farm at the end of Denlair Rd, C & N Higgin have 3 areas of forest, as follows:-

1. Fenced in autumn 1997, c 0.5 ha almost entirely on a flat terrace surface; forest mostly dominated by kahikatea and matai, with a few kaikomako, totara, tawa, rewarewa and large kanuka; areas of grass. No indigenous shrubs, ferns or other plants on the forest floor, apart from meadow rice grass. NZMS260/Map S22/094391.
2. Fenced in 1996; the head of a small valley on edge of the fore-mentioned terrace; forest tawa and mahoe. About 1ha used for paint ball. Grid SS22/010396 m - m asl.
3. Fenced in 1996; the head of a small valley on edge of the fore-mentioned terrace. Grid; S22/008399 m - m asl. About 1.5 ha.

Abbreviations : * = adventive species (including NZ indigenous species not occurring naturally in this area).

x = present; u = present but uncommon (only one or a very few plants seen); (j) = only juvenile plants seen.

Plants identified by (x) or (u) were close to but outside the fenced patches. Adventive species of unfenced areas were mostly not listed, though all indigenous species seen were recorded.

	1	2	3
<hr/>			
<u>Gymnosperms</u>			
Dacrydium cupressinum	u		u
Dacrycarpus dacrydioides (kahikatea)	x	x	x
Podocarpus totara (totara)	x	u	
Prumnopitys taxifolia (matai)	x		u
<u>Dicot trees, shrubs, lianes</u>			
Alectryon excelsus (titoki)		x	x
Beilschmiedia tawa (tawa)	u	x	x
Carpodetus serratus (putaputaweta)			u
Clematis foetida		u	u
C. forsteri			u
C. paniculata	u		u
Coprosma areolata	x	x	x
C. rhamnoides		x	x
C. rotundifolia (round-leaved coprosma)			x
	1	2	3
<hr/>			
* Crataegus monogyna (hawthorn)		x	

<i>Elaeocarpus dentatus</i> (hinau)		x	x
<i>Geniostoma rupestre</i> var. <i>ligustrifolium</i> (hangehange)		x	
<i>Griselinia lucida</i> (puka)			u
<i>Hebe stricta</i> var. <i>stricta</i> (koromiko)			(u)
<i>Hedycarya arborea</i> (pigeonwood)	u	x	x
<i>Hoheria populnea</i> var. [<i>H. sexstylosa</i>] (lacebark)		u	
<i>Knightia excelsa</i> (rewarewa)	u	u	x
<i>Kunzea ericoides</i> (kanuka)	x	x	x
<i>Laurelia novae-zelandiae</i> (pukatea)		u	x
<i>Leptospermum scoparium</i> (manuka)			(x)
<i>Leucopogon fasciculatus</i> (mingimingi)	u		x
<i>Lophomyrtus bullata</i> (ramarama)		u	x
<i>L. bullata</i> x <i>L. obcordata</i>		u	
<i>Macropiper excelsum</i> (kawakawa)		x	x
<i>Melicytus ramiflorus</i> (mahoe)	x	x	x
<i>Metrosideros colensoi</i> (white rata vine)		u	
<i>M. diffusa</i> (white rata vine)		x	x
<i>M. perforata</i> (white rata vine)	x	x	x
<i>M. robusta</i> (northern rata)		u ¹	u ¹
<i>Muehlenbeckia australis</i> (pohuehue)		u	u
<i>Myoporum laetum</i> (ngaio)		(u)	
<i>Myrsine australis</i> (mapou)	x		x
<i>Nestegis cunninghamii</i> (black maire)	x		u
<i>N. lanceolata</i> (white maire)	x	u	
<i>Parsonsia capsularis</i> (NZ jasmine)		u	
<i>P. heterophylla</i> (NZ jasmine)	u	x	x
<i>Passiflora tetrandra</i> (NZ passionflower)	x		x
<i>Pennantia corymbosa</i> (kaikomako)	u		x
<i>Pittosporum tenuifolium</i> (kohuhu)	x		
<i>Pseudopanax arboreus</i> (5-finger)			u
<i>P. crassifolius</i> (lancewood)	x	x	x
<i>Rubus schmidelioides</i> var. <i>schmidelioides</i> (lawyer)		u	
<i>Schefflera digitata</i> (pate)			u
<i>Solanum</i> sp [<i>S. aviculare/laciniatum</i>] (poroporo)	u		
<i>Streblus heterophyllus</i> (small-leaved milktree)	x	x	x

Monocot trees and lianes

<i>Cordyline australis</i> (cabbage tree)	x	x	x
<i>Freycinetia baueriana</i> ssp. <i>banksii</i> (kiekie)		u	
	1	2	3

<i>Ripogonum scandens</i> (supplejack)		u	u
--	--	---	---

¹ One terrestrially-grown rata tree in each site.

Monocot herbs

Astelia solandri (perching lily)			u
Bulbophyllum pygmaeum (an orchid)	u		
Carex dissita			x
C. geminata (s.s.?)			u
C. lessoniana			x
C. solandri		u	
C. virgata		u	x
Collospermum hastatum (perching lily)	x	x	x
Cortaderia toetoe (toetoe)		u	(u)
Corybas trilobus (spider orchid)			u
Earina mucronata	u	u	x
Echinopogon ovatus (hedgehog grass)			u
Juncus gregiflorus		u	x
J. planifolius (flat-leaved rush)			u
Lemna sp. [L. minor auct NZ] (duckweed)			u
Luzula picta s.s. (wood rush)			u
Microlaena stipoides (meadow rice grass)	x	x	x
Microtis unifolia (onion-leaved orchid)			u
Poa anceps ssp. anceps			(x)
* Rytidosperma racemosum (danthonia)		x	x
Schoenus maschalinus			u
Uncinia uncinata (hookgrass)			u

Dicot herbs

Cardamine sp. [unnamed; C. debilis agg. "Long Style" of Pritchard 1957] (bittercress)	x	x	x
C. sp. [unnamed; C. debilis agg. "Narrow Petal" of Pritchard 1957] (bittercress)	x		
* Carduus tenuiflorus(?) (winged thistle)			u
* Cirsium palustre (marsh thistle)			x
Dichondra sp. [D. brevifolia agg.]			u
Epilobium pedunculare (willow herb)			u
E. rotundifolium (willow herb)			u
Galium propinquum (bedstraw)			u
Gnaphalium gymnocephalum (cudweed)			x
Hydrocotyle heteromeria (waxweed)			u
H. moschata (hairy pennywort)	x		u
Lagenifera pumila (a native daisy)			u
Oxalis exilis (creeping oxalis)	x	x	
	1	2	3

Plantago raoulii (a native plantain)			u
Ranunculus reflexus (bush buttercup)			x

* <i>R. repens</i> (creeping buttercup)		X	X
* <i>Senecio bipinnatisectus</i> (fireweed)		X	X
<i>S. minimus</i> (fireweed)			X
<i>Stellaria decipiens</i> (NZ chickweed)			X
<i>Wahlenbergia rupestris</i> (include. <i>W. colensoi</i>)		X	X
* <i>W. marginata</i> (harebell)			X

Ferns

<i>Adiantum cunninghamii</i> (maidenhair)			(X)
<i>Asplenium flaccidum</i> s.s. (hanging spleenwort)	u		u
<i>A. gracillimum</i>			X
<i>A. polyodon</i> (sickle spleenwort)			u
<i>Blechnum chambersii</i>			u
<i>B. filiforme</i> (climbing blechnum)		X	X
<i>B. fluviatile</i>			u
<i>B. sp.</i> [unnamed; <i>B. capense</i> agg. "Green Bay form"] (cliff kiokio)			(X)
<i>Cyathea dealbata</i> (ponga)			X
<i>C. medullaris</i> (mamaku)	? ²		X
<i>Dicksonia squarrosa</i> (wheki)			u
<i>Histiopteris incisa</i> (water fern)			u
<i>Hymenophyllum demissum</i> (filmy fern)			u
<i>Hypolepis ambigua</i>			u
<i>Lastreopsis glabella</i>			u
<i>Paesia scaberula</i> (ring fern)			u
<i>Pellaea rotundifolia</i> (button fern)			u
<i>Phymatosorus pustulatus</i> (hound's tongue fern)			X
<i>P. scandens</i>			X
<i>Pneumatopteris pennigera</i>			u
<i>Polystichum richardii</i>			u
<i>Pteris pendula</i> [<i>P. macilenta</i> auct NZ]			u
<i>P. tremula</i>			u
<i>Pyrosia eleagnifolia</i>		X	

Fern Ally

<i>Lycopodium varium</i> (hanging clubmoss)			u
---	--	--	---

Total number of species indigenous to this area =	33	44	90
--	-----------	-----------	-----------

² 2 dead trunks, probably mamaku