

WAIKARANGA PLAINS

Native vascular plants of swamp forest, Waingawa, Masterton

Location: between Hughes Lane and Perrys Road south of Waingawa River; centre NZMS 260 Map S26/282203. 106m a.s.l.

Hlan's Bush

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Wanganui

Based on visit with W. Baxter, 13.10.88

a = abundant; o = occasional; u = uncommon (or actual no. of plants seen); l = local (maybe common in small areas)

GYMNOSPERMS

<del>Dacrydium</del> <del>dactyloides</del>	(kahikatea)	a
Dacrydium cupressinum	(rimu)	1. (adult)
Podocarpus totara	(totara)	o
Prumnopitys taxifolia	(matai)	u

DICOT TREES and SHRUBS

Alectryon excelsum	(titoki)	o
Aristotelia serrata	(wineberry)	u
Beilschmiedia tawa	(tawa)	o
Carpodetus serratus	(putaputaweto)	o
Coptosma crassifolia		u
C. grandifolia	(kanono)	u
C. propinqua		o
C. rhamnoides		o
<del>C. rigida</del>		u
C. robusta	(karamu)	o
<del>C. tenuicaulis</del>		a
C. propinqua x C. robusta		u
<del>Elaeocarpus hookerianus</del>	(pokaka)	1. (adult)
Fuchsia excorticata	(kotukutuku)	l
Geniostoma rupestre var. ligustriifolium	(largehange)	o
Hedycarya arborea	(pigeonwood)	1.
Hoheria populnea var. [H. sexstylosa]		
	(lacebark)	u
Kunzea ericoides		2.
Laurelia novae-zelandiae		o
Leptospermum scoparium		o
Melicetyus ramiflorus		o

<i>Nestegis lanceolata</i> (white maire)	1.
<i>Cleistania virgata</i> var. <i>virgata</i>	a
<i>Pittosporum eugenioides</i> (lemonwood)	u
<i>P. tenuifolium</i> var. <i>tenuifolium</i> (kohuhu)	u
<i>Pseudopanax arboreus</i> (fivefinger)	2.
<i>P. crassifolius</i> (lancewood)	3.
<i>Schefflera digitata</i> (pate)	u
<i>Solanum laciniatum</i> (poroporo)	o
<del><i>Streblus heterophyllus</i></del> [ <i>Poratrophis</i> <i>microphylla</i> ] (small-leaved milktree)	1.
<del><i>Syzygium</i></del> <i>mairei</i>	a
<i>Weinmannia racemosa</i> var. <i>racemosa</i> (komahi)	o

DICOT LIANES

<i>Metrosideros diffusa</i>	u
<i>M. fulgens</i>	1.
<i>M. perforata</i>	u
<del><i>Muehlenbeckia australis</i></del> (pohuehue)	o
<i>M. complexa</i> (pohuehue)	u
<i>Parsonsia heterophylla</i> (NZ jasmine)	u
<i>Passiflora tetrandra</i> (NZ passionflower)	u
<i>Rubus australis</i> (lawyer)	o
<i>R. australis</i> X <i>R. complexa</i>	u

MONOCOT TREE

<i>Cordyline australis</i> (cabbage tree)	o
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MONOCOT LIANES

<i>Freycinetia baueriana</i> ssp. <i>banksii</i> (kiekie)	1.
<i>Ripogonum scandens</i>	a.

MONOCOT HERBS

<i>Astelia fragrans</i>	o
<i>Baumea tenax</i>	o
<i>Carex forsteri</i>	1.
<i>C. lessoniana</i>	la
<i>C. secta</i> s.s.	la
<i>C. virgata</i>	o

<i>Coeladaria toetoe</i>	(toetoe)	o	
<del><i>Corybas rivularis</i></del>	(spider orchid)	l	
<i>Eleocharis acuta</i>	(sharp spike sedge)	l	? <i>Corybas</i>
<i>E. gracilis</i>	(slender " " )	l	<i>rivularis</i>
<i>Juncus planifolius</i>		u	(spider orchid)
<i>J. sorophorus</i>		u	
<i>Lemna</i> sp. [ <i>L. minor</i> auct NZ]	(duckweed)	l	
<i>Microlaena avenacea</i>	(bush ricegrass)	u	
<i>Phormium tenax</i>	(NZ flax)	u	
<i>Pterostylis banksii</i>	(green hood orchid)	o	
<i>Schoenus mascholinus</i>		u	
<i>Typha orientalis</i>	(raupo)	a	
<i>Uncinia uncinata</i>	(hookgrass)	o	

### DICOT HERBS

[	<i>Cardamine</i> sp. [ <i>C. debilis</i> agg.,		
	? <i>C.</i> "narrow petal" of Pritchard 1957]	(bittercress)	o
	<del><i>Callitriche muelleri</i></del>	l	
	<i>Senecio minimus</i>	u	
	<i>Urtica incisa</i>	l	

### FERNS

<i>Asplenium bulbiferum</i>	(hen and chicken fern)	o
<i>A. flaccidum</i> ssp. <i>flaccidum</i>		u
<i>A. gracillimum</i>		u
<i>A. oblongifolium</i>	(shining spleenwort)	u
<i>A. polyodon</i>		u
<del><i>Azolla filiculoides</i> ssp. <i>rubra</i></del>		l
<i>Blechnum filiforme</i>	(climbing blechnum)	o
<i>B. minus</i>	(swamp kiokio)	o
<i>B.</i> sp. [ <i>B. capense</i> agg., common lowland		
sp. with proximal pinnae reduced in size]	(kiokio)	l
<i>Dicksonia squarrosa</i>	(wheki)	a
<i>Histiopteris incisa</i>		u
<i>Hymenophyllum demissum</i>	(filmy fern)	l
<i>Hypolepis ambigua</i>		o
<i>Lastreopsis glabella</i>		u
<i>Paesia scaberula</i>		u
<i>Phymatosorus diversifolius</i>	(hounds tongue)	u

<i>Pneumatopteris pennigera</i>	0
<i>Pteris tremula</i>	1.
<i>Pyrrhosia elaeagnifolia</i>	u
<i>Trichomanes venosum</i> (filmy fern)	1.

### PLANTED NATIVE SPECIES

In forest close to farm buildings/dwellings, the following native plants were seen but are regarded as not natural to this area.

<i>Corynocarpus laevigatus</i>	(karaka)
<i>Marattia salicina</i>	(king fern)
<i>Sophora microphylla</i>	(kowhai)

### MAJOR WEEDS

*Cobaea scandens* - a smothering vine in western end of forest.

*Lonicera japonica* (Japanese honeysuckle): a few in western end of forest, abundant in raupo patches.

*Rubus fruticosus* (blackberry): abundant in raupo patches.

*Selaginella kraussiana*: common over c. 200m of forest floor at western end of block.

### MAIN PLANT COMMUNITIES

mature kahikatea / (mahoe) / (hangehange): swamp forest

semi-mature kahikatea - [pukatea] - (swamp maire) / wheki - (supplejack), swamp forest.

(cabbage tree) / *Olearia virgata* - *Cop. tenuicaulis* / raupo / (*Carex secta*); swan

[*Olearia virgata*] / blackberry - Japanese honeysuckle - raupo: vine-reedla