

LIST OF NATIVE VASCULAR PLANTS IN THE FENSHAM RESERVE

Grid Ref S26 208204 - 365 Alt. 100 - 170 m a.s.l.

Based on visits by A. P. Druce 02/1969 & 03/1969

Additional visits:

- Wellington Botanical Society & Forest and Bird 15/4/95 (revised by Peter White 03/99)
- Pat Enright, Olaf John (5hrs) 23/6/01 Circuit track to Brow Track and back through lower loop track. Wetland and along fenceline of forest on the flat.
- Pat Enright, Olaf John (5hrs) 30/6/01 Along fenceline to Old fence track, uphill side of track back through bush and swampy areas near the fence. Quick trip to black beech forest at start of the Circuit Track
- Pat Enright (2hrs) 5/7/01 Circuit track, along Brow track and return
- Pat Enright, Olaf John (5hrs) 7/7/01 Circuit Track and lowland forest.
- Pat Enright, Olaf John 4/8/01 (2hrs) wetland & manuka scrub. Circuit track to kanuka scrub up the hill
- Pat Enright (2hrs) 17/8/01 Circuit track and short way up the hill (Sth. side)
- Pat Enright, Olaf John (2hrs) 22/9/01 Around the circuit track
- Pat Enright, Olaf John and F&B members Ngairé Chamlet, David Gawith, David Knox, Mike Lynch, Sheila Stapleton 18/11/01 (5hrs) All tracks
- Pat Enright, Pat Brownsey and members of the bryophyte group 24/11/01 (1hr)
- Pat Enright 8/12/01 (4hrs) Lower circuit track/ Brow track and gullies and bush edges
- Pat Enright 29/12/01 (5hrs) mainly in the swamp forest area
- Pat Enright, Olaf John 13/1/02 (5hrs) Wetland area in SW of the reserve. Picnic area, Brow track loop. Wet gully in beech area of Circuit track.
- Pat Enright, Olaf John 26/12/02 (3½hrs) Wetland. Circuit of loop track, Brow track

Naming convention based on "A checklist of the Indigenous Vascular Plants of New Zealand 10th Revision Aug. 1999 Shannel Courtney
unc = uncommon

- * indicates species not seen on during current survey (Enright & John)
- h = herbarium specimen lodged
- n = species added to original list

There wetland area on the north western consists of a small remnant patch of kahikatea (*Dacrydium dacrydioides*) and coprosma species that is seasonally wet, an area of manuka (*Leptospermum scoparium*) scrubland and an old watercourse that is choked with water cress (*Rorippa sp.*) buttercup (*Ranunculus repens*) floating sweet grass (*Glyceria declinata*) and the native willowherb (*Epilobium pallidiflorum*) with scattered clumps of *Carex secta* and *Carex virgata*. The manuka scrubland has patches of the sedge *Baumea rubiginosa*, *Juncus sp.*, swamp coprosma (*Coprosma tenuicaulis*) and *Blechnum novae-zelandiae* but in the main is covered in exotic grasses. A grazed area separates the wetland area from the forested area on the flat. There are also a number of areas along the northern boundary of the lowland bush area that are inundated after heavy rains and where the water will lie for some time. *Ranunculus amphitrichus* grows in some of the hollows especially where there is a bit more light. These areas have a lot of swamp maire (*Syzygium maire*) and kahikatea and small "islands" formed around the bases of the bigger trees host a variety of ferns and sedges. The only time *Tmesipteris tannensis* was seen was on these islands. The *Isolepis inundata* and to a lesser extent *I. prolifer*, grow in some of the boggy areas where the introduced grasses are less competitive. *I. reticularis* on the other hand favours bare muddy areas. Another sedge with a limited distribution is *Carex maorica*, which can be found on the southwestern boundary fringing one of the clearings between the bush and the fence. This area of the forest should be mapped more accurately as "swamp forest".

There is a zone of interesting vegetation where the lowland forest starts up the hill along the Old Fence Track and the transition goes from the wetter lowland forest through a belt of black beech into kanuka with some large pines most of which are ring barked. A water race cuts through the forest and gives a specialised habitat for species like the fern *Blechnum membranaceum*

The hill is covered in regenerating kanuka (*Kunzea ericoides*) with scattered patches of mature black beech (*Nothofagus solandri var. solandri*). There are springs on the hill, which create swampy areas for *Baumea tenax*, *Schoenus masculinus* and *Juncus sp.* to thrive. The creation of and maintenance of various tracks in this area has created an environment for small species such as *Nertera depressa* and the orchids *Pterostylis alobula* and *P. trullifolia* to exist and thrive because of the lack of competition.

Gymnosperm trees and shrubs

	Dacrycarpus dacrydioides	kahikatea
	Dacrydium cupressinum	rimu
*	Libocedrus bidwillii (unc) ?	pahautea
n	Podocarpus hallii?	Halls totara
	Podocarpus totara	totara
	Prumnopitys ferruginea	miro
	Prumnopitys taxifolia	matai

Monocotyledonous trees and shrubs

	Cordyline australis	ti kouka, cabbage tree
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Dicotyledonous trees and shrubs

	Alectryon excelsus subsp. excelsus	titoki
	Aristotelia serrata	makomako, wineberry
	Beilschmiedia tawa	tawa
	Brachyglottis repanda	rangiora
	Carpodetus serratus	putaputaweta, marbleleaf
	Coprosma areolata	
	Coprosma crassifolia	
	Coprosma grandifolia	
	Coprosma lucida	kanono
	Coprosma microcarpa	karamu
	Coprosma propinqua subsp. propinqua	
	Coprosma rhamnoides	
	Coprosma rigida	
	Coprosma robusta	karamu
	Coprosma rotundifolia	
	Coprosma tenuicaulis	hukihuki, swamp coprosma
	Coprosma propinqua x C. robusta	
	Elaeocarpus dentatus	hinau
	Elaeocarpus hookerianus	pokaka
*	Fuchsia excorticata (unc)	kotukutuku
	Gaultheria antipoda	tawiniwini, snowberry
	Geniostoma linguistrifolium var. linguistrifolium	hangehange
	Griselinia littoralis	papauma, broadleaf
	Hebe stricta var. atkinsonii	koromiko
	Hedycarya arborea	porokaiwhiri, pigeonwood
	Helichrysum aggregatum (unc)	
	Hoheria sexstylosa	narrow leaved lacebark
	Knightia excelsa	rewarewa
	Kunzea ericoides agg.	kanuka
	Laurelia novae-zelandiae	pukatea
	Leptocophylla juniperina subsp. juniperina (leaves usually < 10mm x < 1mm)	prickly mingimingi
	Leptospermum scoparium	manuka
	Leucopogon fasciculatus	mingimingi
	Lophomyrtus bullata	ramarama
	Lophomyrtus obcordata (unc)	rohutu
n	Lophomyrtus bullata x L. obcordata (unc)	
	Macropiper excelsum subsp. excelsum	kawakawa
	Melicope simplex	poataniwha
	Melicytus micranthus	
n	Melicytus ramiflorus subsp. ramiflorus	mahoe
	Mida salicifolia (in the area behind the seat by the wetland)	
	Myrsine australis	red matipo
	Myrsine salicina	toro
	Neomyrtus pedunculata	rohutu
	Nestegis cunninghamii (unc)	back maire
	Nestegis lanceolata	white maire
	Nestegis montana (unc)	oro oro, narrow-leaved maire
	Nothofagus fusca	tawhairaunui, red beech
	Nothofagus solandri var. solandri	black beech

	Nothofagus truncata (unc)	hard beech
n	Olearia arborescens (unc) (2 senescent specimens that have been overgrown)	
	Olearia rani var. colorata	heketara
	Olearia virgata (unc) (22 paces down track from steps below Brow track. 1 old plant 1 juvenile)	
	Ozothamnus leptophylla	tauhinu
	Pennantia corymbosa	kaikomako
	Pittosporum eugenioides	tarata, lemonwood
	Pittosporum tenuifolium s.s	kohuhu
	Plagianthus regius	manatu, ribbonwood
	Pseudopanax arboreus	puahou, five finger
	Pseudopanax crassifolius	horoeaka, lancewood
	Pseudowintera axillaris (unc)	
	Raukaua anomalus	whauwhaupaku
	Schefflera digitata (unc)	pate
	Solanum aviculare	poroporo
	Solanum laciniatum	poroporo
	Sophora microphylla (unc)	kowhai
	Streblus heterophyllus	turepo, small leaved milk tree
	Syzygium maire	maire tawaki, swamp maire
	Weinmannia racemosa subsp. racemosa	kamahi

Monocotyledonous lianes

	Ripogonum scandens	kareao, supplejack
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Dicotyledonous lianes and related trailing plants

	Calystegia tuguriorum	
	Clematis foetida (unc)	
	Clematis forsteri (unc)	
	Clematis paniculata	puawhananga
	Metrosideros colensoi	
	Metrosideros diffusa	akatea
n	Metrosideros fulgens	
	Metrosideros perforata	akatea
	Muehlenbeckia australis	pohuehue
	Parsonsia heterophylla	kaihua, N.Z. jasmine
	Passiflora tetrandra	kohia, passion vine
	Rubus australis	swamp lawyer
n	Rubus cissoides s.s (unc)	tataramoa, bush lawyer
	Rubus schmidelioides s.s	tataramoa, bush lawyer

Psilopsids, Lycopods and Quillworts

	Huperzia varium (unc)	
	Lycopodium volubile	waewae koukou
	Tmesipteris elongata	
n	Tmesipteris tannensis	

Ferns

	Adiantum cunninghamii	puhinui, maidenhair fern
	Asplenium bulbiferum	manamana, hen and chicken fern
*	Asplenium flabellifolium	necklace fern
	Asplenium flaccidum	raukatauri, hanging spleenwort
	Asplenium gracillimum	
	Asplenium hookerianum	
	Asplenium oblongifolium	huruhuru whenua, shining spleenwort
	Asplenium polyodon	petako, sickle spleenwort
*	Asplenium bulbiferum/gracillimum x A. hookerianum (unc)	
	Asplenium bulbiferum/gracillimum x A. flaccidum (unc)	
	Asplenium flaccidum x A. hookerianum (unc)	
	Blechnum chambersii	nini
	Blechnum discolor	piupiu, crown fern

Blechnum filiforme	panako, thread fern
Blechnum fluviatile	kiwakiwa
Blechnum membranaceum (unc)	
Blechnum minus (N Z Authors)	swamp kiokio
Blechnum novae zelandiae	kiokio
Blechnum procerum	
n Blechnum pennamarina (unc)	
* Blechnum membranaceum x B. chambersii (unc)	
nh Blechnum novae-zelandiae x B. procerum (unc) (Fits B. montanum but altitude seems too low)	
* Botrychium bifforme	parsley fern
n Ctenopteris heterophylla (unc)	comb fern
Cyathea dealbata	ponga, silver fern
Cyathea medullaris	mamaku
Cyathea smithii (unc)	katote
* Dicksonia fibrosa (unc)	wheki-ponga
Dicksonia squarrosa	wheki
n Diplazium australe (unc)	
n Grammitis billardierii	
nh Grammitis ciliata (nearly hairless but confirmed by Barbara Parris)	
Histiopteris incisa	mata, water bracken
Hymenophyllum bivalve (unc)	
n Hymenophyllum demissum	
n Hymenophyllum dilatatum	
Hymenophyllum flabellatum (unc)	
Hymenophyllum multifidum	
n Hymenophyllum rarum (unc)	
n Hymenophyllum revolutum (unc)	
Hymenophyllum sanguinolentum agg. (indusium crested)	
Hymenophyllum scabrum	
Hypolepis ambigua	
n Hypolepis lactea (unc)	
Lastreopsis glabella	
Lastreopsis hispida	tuakura
n Lastreopsis microsora (unc)	
n Leptopteris hymenophylloides	single crepe fern
Lindsaea linearis	
Lindsaea trichomanoides	
Microsorium pustulatum	kowaowao, hounds tongue
Paesia scaberula	matata, scented fern
Pellaea rotundifolia	tarawera, button fern
Pneumatopteris pennigera	pakauroharoha, gully fern
Polystichum richardii	pikopiko
n Polystichum silvaticum	
n Polystichum vestitum	
Pteridium esculentum	rauaruhe, bracken
Pyrrosia eleagnifolia	ota, leather-leaf fern
n Rumohra adiantiformis	
n Tricomanes reniforme (unc)	kidney fern
n Tricomanes venosum (unc)	

Orchids

n Acianthus sinclairii (includes a specimen in which the flower and the leaf are white)	
n Caladenia chlorostyla	
n Corybas cheesmanii (leaf looks like Adenochilus gracilis but stalk too robust)	
n Drymoanthus adversus	
Earina autumnalis (unc)	
Earina mucronata	raupeka
n Gastrodia cunninghamii (unc)	peka-a-waka
* Microtis unifolias.s.	onion leaved orchid
n Nematocerus oblonga (unc)	
n Nematocerus triloba agg. (:“Trotters” ? Late flowering and seed pod well below the leaf)	
Pterostylis alobula	
Pterostylis banksii	tutukiwi
n Pterostylis graminea	
n Pterostylis trullifolia	
n Pterostylis aff. montana (unc) (trackside and in grass in wetland area far SW of reserve)	

Adventives and Native Species planted into the area:

Gymnosperm trees and shrubs

Pinus radiata

Dicotyledonous trees and shrubs

Berberis glaucocarpa	barberry
Chamaecytisus palmensis	tree lucerne
Cotoneaster sp.	
Crataegus monogyna(unc)	hawthorn
Cytisus scoparium	broom
Dodonea viscosa	akeake
* Eleagnus x reflexa	eleagnus
n Erica lusitanica	Spanish heath
* Griselinia lucida	broadleaf
n Ilex aquifolium (unc) (ringbarked)	holly
n Nothofagus menziesii (unc)	silver beech
Olearia solandri	
n Olearia lineata "Dartonii"	
Pittosporum ralphii	karo
n Prunus laurocerasus (unc) (removed)	cherry laurel
Sambucus nigra	elderberry
Salix fragilis	crack willow
n Sophora chathamica (An old planting) (unc)	kowhai
n Sophora tetraptera	
Ulex europaeus	gorse

Dicotyledonous lianes and related trailing plants

Clematis vitalba	old mans beard
* Hedera helix subsp. helix	ivy
Rubus fruticosus agg.	blackberry
n Rubus laciniatus	cutleaf blackberry

Psilopsids, Lycopods and Quillworts

Ferns

Grasses

Agrostis capillaris	browntop
Anthoxanthum odoratum	sweet vernal
Dactylis glomerata	cocksfoot
Glyceria declinata	blue sweet grass
n Glyceria fluitans	floating sweetgrass
Holcus lanatus	yorkshire fog
Hordeum murinum	barley grass
n Lolium perenne	perennial rye grass
n Schedornus phoenix	tall fescue

Sedges

n Carex divulsa (unc) (removed)	
n Carex ovalis	
Cyperus eragrostis	umbrella sedge

Rushes and allied plants

Juncus articulatus	jointed rush
n Juncus bufonius	toad rush
Juncus effusus	soft rush
n Juncus subnodulosus	blunt flower rush
n Juncus tenuis	

n *Luzula multiflora*

Remaining Monocotyledonous plants

* *Crococsmia x crocosmiflora*
Elodea canadensis
Iris foetidissima
n *Sisyrinchium iridifolium*
Tradescantia fluminensis
* *Watsonia bulbifera*

monbretia
oxygen weed
stinking iris

wandering willie

Daisy-like herbs (Composites)

Achillea millefolium
Bidens frondosa (unc)
Cichorium intybus
Cirsium arvense
Cirsium vulgare
Crepis capillaris
Hypochoeris radicata
n *Leucanthemum vulgare*
Mycelis muralis
Senecio bipinnatisectus
Senecio jacobaea
Sonchus oleraceus

yarrow
beggars ticks
chickory
californian thistle
scotch thistle
hawksbeard
catsear
oxeye daisy
wall lettuce
Australian fireweed
ragwort
sow thistle

Dicotyledonous herbs other than Composites

Acaena novae-zelandiae
Centaurium erythraea
Cerastium fontanum
Daucus carota
Digitalis purpurea
Epilobium ciliatum (unc)
Galium aparine
* *Hydrangea macrophylla*
n *Hypericum androsaemum*
Lotus pedunculatus
n *Lythrum hyssopifolia*
n *Medicago lupulina*
n *Mimulus guttatus*
Mimulus moschatus
Myosotis laxa subsp. *caespitosa*
Parentucellia viscosa
n *Plantago lanceolata*
n *Plantago major*
Prunella vulgaris
n *Ranunculus repens*
Rorippa nasturtium-aquaticum
n *Rumex crispus*
n *Rumex obtusifolius*
n *Rumex pulcher*
n *Sisymbrium officinale*
Solanum chenopodioides
Solanum nigrum
Solanum pseudocapsicum
n *Spergula arvensis*
n *Stellaria media*
N *Trifolium pratense*
Trifolium repens
Urtica urens
n *Veronica anagallis-aquatica*
Viola odorata

bidibidi
centaury
mouseear chickweed
wild carrot
foxglove
willow herb
cleavers

tutsan
lotus
loosestrife
black medick
monkey musk
musk
water forget-me-not
tarweed
narrow leaved plantain
broad leaved plantain
selfheal
buttercup
watercress
curled dock
broad leaved dock
fiddle dock
hedge mustard
velvet nightshade
black nightshade
Jerusalem cherry
spurrey
chickweed
red clover
white clover
sting nettle
water speedwell
violet

Bryophytes and Charophytes

Algae

Nitella hookeri

Liverworts

Porella elegantula

Mosses

Cyathophorum bulbosum

Hypnodendron marginatum

Macromitrium submucronifolium

Birds:**Indigenous**

kereru, native pigeon
kotare, kingfisher
piwakawaka, fantail
pukeko, swamp hen
riroriro, grey warbler
ruru, morepork
tui
welcome swallow

Introduced

blackbird
chaffinch
eastern rosella
goldfinch
magpie
starling