

## LIST OF VASCULAR PLANTS IN PORIRUA SCENIC RESERVE AND THE BUSH ON PIKARERE FARM CLOSED OFF BY THE ELECTRIC FENCE INCLUDING MILL CREEK CATCHMENT

Pat Enright 23/8/97, 30/8/97 (Elsdon carpark to bushline)

Peter Beveridge, Olaf John, Pat Enright 16/10/99 (Rangituhi Crescent main entrance to top of track)

Peter Beveridge, Olaf John, Pat Enright (old logging track through Mill Creek catchment) 8/01/00

Arnold Allen, Peter Beveridge, Olaf John, Pat Enright (Mill Stream catchment, fenceline, logging track to 4wd track) 15/1/00

Olaf John, Pat Enright 16/10/99 (Rangituhi Crescent bottom entrance to kanuka spur)

Olaf John, Pat Enright 22/1/00 (Takapuwhaia stream to small gorge at sharp left bend)

Olaf John, Pat Enright 23/1/00 (Up watecourse at Aparangi St to ridge track and along)

Arnold Dench, Olaf John, Pat Enright 23/10/99 (Elsdon carpark to Aparangi St)

Olaf John, Pat Enright (Waiho Terrace track) 25/10/99

Pat Enright (Elsdon Camp track to bushline) 31/10/99

Pat Enright (Ngahue Street entrance to head of creek) 5/1/00

Pat Enright (Rangituhi track and up Takapuwhaia stream to first side stream) 7/11/99

Pat Enright and Arnold Dench 4/12/99. (Mill creek catchment through bottom gate)

Olaf John, Peter Beveridge 12/2/00 Ngahue street to ridge top, along ridge and down Takapuwhaia stream

Ian St George 22 Nov 99

Peter Beveridge various dates

Pat Enright various dates

Grid Ref. Topomap R27 625054 - 630076

\* Herbarium specimen lodged (AK or WEL)

? Doubtful record

1 indicates a species not seen on current survey but listed by others

2 planted or seeded into the area

3 Found only in the Mill Creek area

4 in pasture just outside Pikarere farm fenceline

Notable plants found in this area are:

*Adiantum diaphanum*. A maidenhair fern that is local in its occurrence around Wellington. It is found growing at the base of a rock face on the true right at the top of the stream that descends to the Ngahue street entrance.

*Adiantum fulvum*. A maidenhair fern that occurs locally around Wellington. It was seen on the true right of the stream that descends towards the Ngahue Street entrance.

*Adiantum viridescens*. Another localised maidenhair fern. It can be found trackside and above on the Rangituhi track starting at the first decking on this track.

*Drymoanthus adversus*. This epiphytic orchid is probably more common than reported, but due to its preference for growing quite high up in the trees of preference, it is hard to find. A few plants were seen well up the logging track above the Mill stream catchment growing on a rather stunted tawa.

*Gastrodia cunninghamii*. Ken Wright from WRC reported finding this orchid while laying possum bait lines. Following his instructions a patch of 10 plants was found in full flower 15/1/00.

*Microsorium novaezelandiae*. This record comes off an old Wellington Botanical Society list and must remain open to question pending the finding of the species again or the locating of a herbarium specimen. This fern is usually found in montane areas like the Tararuas.

*Mida salicifolia*. The willow leaved maire is recorded in a Botsco species list and has been verified by A.P. Druce (J Coulter personnel comment

*Ophioglossum coriaceum*. The adders tongue fern while not uncommon on the likes of Mt KauKau is not widespread in the Wellington area. There is a small patch to be found on the Waiho Terrace track.

*Pittosporum cornifolium*. This species is recorded on various lists and is probably epiphytic on collospermum clumps but has not been recently sighted.

*Pseudopanax edgerleyii*. At least three specimens of this tree are to be found in the bush in the Mill stream catchment. This is privately owned land belonging to Pikarere Farms but which is fenced off and contiguous with the reserve.

*Pterostylis porrecta*. A greenhood orchid flowering in early December through to mid January just after *Pterostylis graminea* has finished. It is a species that has until the discovery of this occurrence by Peter Beveridge, has been listed as rare. There have been about 5 other small locations around Hawkes Bay, Wairarapa and Marlborough. It is reasonably common towards the top of the Rangituhi track and scattered occurrences lower down off the Waiho Terrace track.

*Streblus banksii*. The large leafed milktree is local wherever it is found and in the reserve it can be found scattered throughout. There is a 4 metre specimen on the Ngahue Street track on the true left just before the "metal bridge".

*Winika cunninghamii*. The lady's slipper orchid is not common along the western hills (although common elsewhere) and the plants seen growing on tawa in the Mill Stream catchment were magnificent specimens.

#### Weed problems:

Wandering willie is the main problem species. It has quite a hold along the eastern boundary. The other adventive species are scattered, mainly along the boundaries and particularly where garden rubbish has been thrown over the back fence from neighbouring properties. Inkweed (*Phytolacca octandra*) is found occasionally and should be rooted out when found before it becomes a major nuisance.

Gorse is common on some ridges but is acting as a nursery plant for native species and will gradually disappear as these grow and shade it out

There does not seem to be a problem with the pines that bound the bush mainly on the western boundary. There is little evidence of wildlings and the thick bed of pine needles provides a great place for duck orchids (*Chiloglottis cornuta*) and seedling natives.

There is some evidence of cannibis (*Cannibis sativa*) cultivation with old plots and water bottle dumps but no current activity was noted.

*Carex longibracteata* is classed as a noxious weed and is found growing in a small patch on the clay track from Aparangi Grove to the Elsdon Camp carpark and on the ridge track above Aparangi Grove.

#### Gymnosperm trees and shrubs

Dacrycarpus dacrydioides	kahikatea
Dacrydium cupressinum (unc)	rimu
Podocarpus totara	totara
Prumnopitys ferruginea	miro
Prumnopitys taxifolia	matai

#### Dicotyledonous trees and shrubs

Alectryon excelsus subsp. excelsus	titoki
Aristolelia serrata	makomako, wineberry
Beilschmiedia tawa	tawa
Brachyglottis repanda	rangiora
1 Carmichaelia australis	native broom
Carpodetus serratus	putaputaweta, marbleleaf
Coprosma areolata	
Coprosma crassifolia	
Coprosma foetidissima	stinkwood
Coprosma grandifolia	raurekau
Coprosma lucida	
Coprosma propinqua subsp. propinqua	mingimingi
2 Coprosma repens	
Coprosma rhamnoides	
Coprosma rotundifolia	
Coprosma robusta	karamu
Coprosma propinqua x C. robusta	
Corynocarpus laevigatus	karaka
Dysoxylum spectabile	kohekohe
Elaeocarpus dentatus	hinau
1 Elaeocarpus hookerianus	pokaka
Fuchsia excorticata	kotukutuku

Geniostoma rupestre	hangehange
Griselinia littoralis	puka, broadleaf
Griselinia lucida	puka, broadleaf
Hebe stricta var. atkinsonii	koromiko
Hedycarya arborea	porokaiwhiri, pigeonwood
2 Hoheria populnea	lacebark
Knightia excelsa	rewarewa
Kunzea ericoides	kanuka
Laurelia novae-zelandiae	pukatea
Leptospermum scoparium	manuka
3 Leucopogon fasciculatus	mingimingi
Lophomyrtus bullata	ramarama
Macropiper excelsum subsp. excelsum	kawakawa
Melicope ternata	wharangi
Melicope simplex	poataniwha
Melicytus ramiflorus subsp. ramiflorus	mahoe
Metrosideros robusta (unc)	northern rata
1 Mida salicifolia (unc)	willow leaved maire
Myoporum laetum	ngaio
Myrsine australis	red matipo
Myrsine salicina	toro
1? Nestegis cunninghamii	back maire
Nestegis lanceolata (unc)	white maire
Olearia paniculata	akeraho
Olearia rani	heketaro
Olearia solandri	
Ozothamnus leptophylla	tauhinu
Pennantia corymbosa	kaikomako
1 Pittosporum cornifolium	
2 Pittosporum crassifolium	karo
Pittosporum eugenioides	tarata, lemonwood
Pittosporum tenuifolium	kohuhu
1 Pomaderris phyllicifolia	whatitiri
Pseudopanax arboreus	five finger
Pseudopanax crassifolius	horoeaka, lancewood
3* Pseudopanax edgerleyi (unc)	raukawa
3 Pseudowintera axillaris	
Schefflera digitata	pate
3 Solanum aviculare	poroporo
Solanum laciniatum	poroporo
Sophora microphylla	kowhai
* Streblus banksii (unc)	towai
Streblus heterophyllus	turepo, milk tree
Urtica ferox	ongaonga, tree nettle

#### Monocotyledonous trees and shrubs

Cordyline australis	ti, cabbage tree
Rhopalostylis sapida	nikau

#### Monocotyledonous lianes

Freycinetia banksii	kiekie
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Ripogonum scandens	Supplejack
<u>Dicotyledonous lianes and related trailing plants</u>	
Clematis forsteri	
Clematis paniculata	puawhananga
Metrosideros diffusa	akatea
Metrosideros fulgens	
Metrosideros perforata	akatea
Muehlenbeckia australis	pohuehue
Muehlenbeckia complexa	pohuehue
1 Muehlenbeckia australis x M. complexa	
Passiflora tetrandra	passion vine
1 Parsonsia capsularis	
Parsonsia heterophylla	kaihua, N.Z. jasmine
Rubus cissoides	tataramoa, bush lawyer
3 Tetragona trigyna (unc)	native spinach
<u>Psilopsids, Lycopods and Quillworts</u>	
3 Lycopodium varium	
Lycopodium volubile	waewae koukou
<u>Ferns</u>	
Adiantum cunninghamii	maidenhair fern
* Adiantum diaphanum (unc)	
* Adiantum fulvum (unc)	
* Adiantum viridescens	
Anarthropteris lanceolata	
Arthropteris tenella	jointed fern
3 Asplenium appendiculatum subsp. maritimum (unc)	
Asplenium bulbiferum	manamana, hen and chicken fern
Asplenium flabellifolium	necklace fern
Asplenium flaccidum	hanging spleenwort
Asplenium gracillimum	
Asplenium hookerianum	
Asplenium oblongifolium	huruhuruwhenua, shining spleenwort
Asplenium polyodon	petako, sickle spleenwort
Asplenium bulbiferum x A. hookerianum	
Asplenium bulbiferum x A. flaccidum	
Asplenium oblongifolium x A. flaccidum (unc)	
Blechnum chambersii	nini
Blechnum discolor	piupiu, crown fern
Blechnum filiforme	thread fern
Blechnum fluviatile	kiwakiwa
Blechnum membranaceum	
? Blechnum montanum	
Blechnum novae zelandiae (both forms)	kiokio
1 Blechnum pennamarina	
3 Blechnum procerum	
1 Blechnum vulcanicum	
* Blechnum chambersii x B. membranaceum (unc)	
Cyathea cunninghamii (unc)	gully tree fern
Cyathea dealbata	ponga, silver fern

Cyathea medullaris	mamaku
Cyathea smithii	
Dicksonia squarrosa	wheki
1 Grammitis billardieri	
Histiopteris incisa	mata, water bracken
Hymenophyllum demissum	
2 Hymenophyllum dilatatum	
3 Hymenophyllum rarum (unc)	
Hymenophyllum revolutum	
1 Hymenophyllum sanguinolentum	
Hypolepis ambigua	
3 Hypolepis lactea	
Hypolepis rufobarbata	
Lastreopsis glabella	
Lastreopsis hispida	
Lastreopsis microsora	
Lastreopsis velutina	
1 Leptolepia novae zelandiae	
Leptopteris hymenophylloides	
1? Microsorium novaezelandiae	
Microsorium pustulatus	kowaowao, hounds tongue
Microsorium scandens	mokimoki, scented fern
Ophioglossum coriaceum (unc)	adders tongue fern
Paesia scaberula	matata, scented fern
Pellaea rotundifolia	tarawera, button fern
Polystichum richardii	pikopiko
* Polystichum silvaticum	
Polystichum vestitum	puniu
Pneumatopteris pennigera	pakauroharoha, gully fern
Pteridium esculentum	rauaruhe, bracken
Pteris macilenta	sweet fern
Pteris tremula	turawera, shaking brake
Pyrrosia eleagnifolia	ota, leather-leaf fern
Rumohra adiantiformis	
Tmesipteris elongata	
Trichomanes endlicherianum	
3 Trichomanes reniforme	
Trichomanes venosum	

### Orchids

Acianthus sinclairii	
Chiloglottis cornuta	duck orchid
Corybas trilobus	spider orchid
3 Drymoanthus adversus (unc) on tawa	
Earina autumnalis	
Earina mucronata	
3 Gastrodia cunninghamii (unc)	
Microtis unifolia	onion leaved orchid
Pterostylis banksii	tutukiwi
Pterostylis graminea	
Pterostylis montana	

- \* *Pterostylis porrecta*
- Thelymitra longifolia*
- 3 *Winika cunninghamii* lady's slipper orchid

#### Grasses

- 1 *Cortaderia toetoe* toetoe
- Microlaena avenacea* bush rice grass
- Microlaena stipoides*
- Poa anceps* subsp. *anceps* (unc)
- Rytidosperma gracile*
- 3 *Rytidosperma unarede*

#### Sedges

- 2 *Carex comans*
- Carex dissita*
- Carex flagellifera*
- Carex forsteri*
- Carex geminata*
- Carex lambertiana*
- 1 *Carex lessoniana*
- Carex secta* purei
- Carex virgata*
- 3 *Carex* cf. *testacea*
- 1 *Cyperus ustulatus*
- 1 *Eleocharis acuta*
- Gahnia pauciflora*
- Isolepis inundata* (unc)
- Isolepis prolifer*
- Isolepis reticularis*
- 1 *Schoenus maschalinus*
- Uncinia banksii*
- Uncinia scabra*
- Uncinia uncinata* watu, hook grass

#### Rushes and allied plants

- Juncus australis*
- 1 *Juncus pallidus*
- Juncus planifolius*
- Juncus sarophorus*
- 3 *Luzula picta* var *picta*

#### Remaining Monocotyledonous plants

- Astelia fragrans* karearea
- Astelia solandri*
- Collopermum hastatum*
- Libertia grandiflora*
- Libertia ixioiodes* (unc)

#### Daisy-like herbs (Composites)

- 1? *Anaphaloides bellidioides*
- Cotula australis*
- Gnaphalium audax* (unc)

- Gnaphalium gymnocephalum
- Gnaphalium involucratum (unc)
- Helichrysum filicaule
- Lagenifera pumila (unc)
- Pseudognaphalium luteoalbum
- 1 Raoulia glabra
- Senecio hispidulus
- Senecio minimus

#### Dicotyledonous herbs other than Composites

- Acaena anserinifolia bidibidi
- 3 Aciphylla squarrosa (unc)
- Cardamine sp. (C. debilis agg.) ("Glossy Leaf" of Pritchard 1957)
- Cardamine sp. (C. debilis agg.) ("Long Style" of Pritchard 1957)
- Cardamine sp. (C. debilis agg.) ("Narrow Petal" of Pritchard 1957)
- Centella uniflora
- Dichondra repens
- \* Dichondra sp. Lamina glabrous on top and sparsely hairy below, upto 12 mm in diameter, emarginate, petiole to 37 mm in length with sparse appressed hairs, 23 mm between petioles. Flower 5 to 6 mm in diameter, sepals and petals about equal length, sepals obovate with appressed hairs. Capsule 2mm in diameter, round and hairy
- Epilobium chionanthum (unc)
- 4 Epilobium komarovianum (unc)
- 1 Epilobium rotundifolium
- Galium propinquum
- 3 Geranium microphyllum
- Haloragis erecta
- Hydrocotyle heteromeria
- Hydrocotyle moschata
- Hydrocotyle "montana"
- Leptostigma setulosum
- 1 Nertera depressa
- Oxalis exilis yellow oxalis
- Parietaria debilis
- 3 Plantago raoulii
- Ranunculus reflexus maruru, hairy buttercup
- Stellaria decipiens chickweed
- Urtica incisa nettle
- 4 Wahlenbergia racemosa
- Wahlenbergia violacea
- 4 Wahlenbergia racemosa x W. violacea (unc) pale ble flowers

#### Adventives

#### Dicotyledonous trees and shrubs

- Cotoneaster sp.
- Crataegus monogyna hawthorn
- Cytisus scoparium broom
- Phytolacca octandra inkweed
- Solanum pseudocapsicum jerusalem cherry
- Ulex europaeus gorse

#### Dicotyledonous lianes and related trailing plants



Asparagus scandens	climbing asparagus
Calystegia silvatica	convolvulus
Lathyrus tingitanus	tangier pea
Lonicera japonica	honeysuckle
Rubus fruticosus	blackberry
Senecio angulatus	cape ivy
Senecio mikanooides	german ivy
Solanum jasminoides (unc)	potato vine
Vicia sativa	climbing veitch

### Grasses

Anthoxanthum odoratum	sweet vernal
Bromus mollis	
Bromus diandrus	
Dactylis glomerata	cocksfoot
Errhata erecta	
Festuca arundinacea	tall fescue
Glyceria fluitans	floating sweet grass
Holcus lanata	yorkshire fog
Hordeum murinum	barley grass
Lolium multiflorum	
Lolium perenne	perennial rye grass
Poa annua	annual poa
Rytidosperma racemosa	

### Sedges

Carex longebrachiata
Carex ovalis
Isolepis platycarpa (unc)

### Rushes and allied plants

Juncus articulatus	
Juncus bufonius	toad rush
3 Juncus tenuis	

### Remaining Monocotyledonous plants

Allium triquetrum	onion weed
Sisyrinchium iridifolium	

### Daisy-like herbs (Composites)

Aster subulatus	sea aster	
Bellis perennis		daisy
Gnaphalium spicatum		
Picris echoides		ox tongue
Senecio glastifolius		holly leaved senecio
Senecio jacobaea		ragwort
Taraxicum officinale		dandelion

### Dicotyledonous herbs other than Composites

Achillea millefolium	yarrow
Anagallis arvensis	scarlet pimpernal
Brassica rapa	wild turnip

Callitriche stagnalis	starwort
Cannabis sativa	hemp
Cardamine flexuosa	spitweed
Carduus tenuiflorus	winged thistle
3 Centaurium erythraea	centaury
Cerastium fontanum	mouseear chickweed
Cirsium vulgare	scotch thistle
Conium maculatum	hemlock
Conyza 'florabunda'	arum lily
Crocoshmia x crocosmiflora	monbretia
Daucus carota	carrot
Digitalis purpurea	foxglove
Epilobium ciliatum (unc)	
Foeniculum vulgare	fennel
Fumaria officinale	fumitory
Galium aparine	bedstraw
Galeobdolon luteum	aluminium plant
Geranium molle	dove's foot cranesbill
Geranium robertianum	herb robert
Hypericum androsaemum	tutsan
Hypochaeris radicata	catsear
Linum bienne	pale flax
Medicago lupulina	black medick
Mentha spicata subsp. spicata	spearmint
Modiola caroliniana	creeping mallow\
Mimulus moschatus	
Myosotis laxa subsp. caespitosa	
Nasturtium	
Orobanche minor	broomrape
Oxalis sp.	
Pelargonium inodorum	
Plantago lanceolata	narrow leaved plantain
Plantago major	broad leaved plantain
Ranunculus repens	buttercup
Ranunculus sardous	
Rorippa nasturtium-aquaticum	watercress
Rumex acetosella	sheep sorrel
Rumex obtusifolius	dock
Sisymbrium officinale	hedge mustard
Solanum nigrum	nightshade
Solanum tuberosum	potato
Sonchus asper	prickly sow thistle
Sonchus oleraceus	sow thistle
Stellaria media	chickweed
Tradescantia fluminensis	wandering willie
Trifolium pratense	clover
Trifolium repens	clover
Vicia sativa	periwinkle

**Birds:**

Black backed gull

Blackbird

Eastern rosella  
Fantail  
Goldfinch  
Grey warbler  
Kingfisher  
Morepork  
Native pigeon  
Paradise duck (with young)  
Shining cuckoo  
Sparrow  
Starling  
Thrush  
Tui  
Waxeye

**Lizards;**

Forest gecko (*Hoplodactylus granulatus*) W.R.C. Operational Report 98/4

Possums, rabbits and goats (5 shot by W.R.C. staff) have also been seen in the reserve