

KOROKORO VALLEY, BELMONT REGIONAL PARK, HUTT VALLEY

Map: Topo50-BQ32 Lower Hutt

Grid reference: 56353710 at confluence of true left and true right branches

Catchment: Korokoro Stream

Altitude range of field trip: 5 m to 200 m

Landform: valley

Geology: Triassic – Jurassic greywackes and argillites (undifferentiated), including semischists, (per NZ Soil Bureau Map 106/1).

Aspect: true left branch: north-west and south-east; below forks: east and west;

Rainfall: long-term average for Hutt Valley – 1150 mm p.a.

Ecological District: Wellington Ecological District 39.01

Forest classification: regenerating and mature coastal forest

Tenure: Hutt City Council

Management: Greater Wellington Regional Council

Status: Scenic Reserve

These lists were prepared by Wellington Botanical Society during a 6-hour visit on 4-8-2007. During this visit, a document “Korokoro Reservoir and Scenic Reserve - Based on lists prepared between 1989 and 2002”, by unknown author(s), was used as a template.

These lists were added to by Wellington Botanical Society during a 4-hour visit on 4-2-2012.

Route 4-8-2007: Oakleigh St, Maungaraki, entrance – northeast on track for c. 1 km to track junction - track to Korokoro Reservoir - Korokoro Forks – Cornish St, Petone.

Route 4-2-2012: Oakleigh Street, Maungaraki, entrance - down track to Korokoro Dam, then up former track up past a large redwood, and through an area of felled pines, to the Oakleigh Street entrance.

OBSERVATIONS: 4-2-2012

- *Drymoanthus adversus* was seen on two tawa.
- The site is subject to possum control by Greater Wellington Regional Council (GWRC).
- The weed fern, *Pteris cretica*, was seen below a bridge, near bait station 08. Specimens were collected for GWRC and Te Papa.
- In the felled pine forest on the upper part of the former track, the following species are establishing: Indigenous species: māpou, māhoe, rangiora, ponga, mamaku, kohuhu, wineberry, hangehange, *Coprosma lucida*, *C. robusta*, etc. Adventive species: gorse, Himalayan honeysuckle, holly-leaved senecio, etc.
- A tomtit was heard, the third record in the park in the last four years (N. McArthur, GWRC, pers.comm.).

ABBREVIATIONS

agg. = aggregate

sp. = species

subsp. = subspecies

(unc) = only one plant seen

var. = variety

* = not naturally occurring in Wellington Ecological District

LIST 1: SOME INDIGENOUS VASCULAR PLANTS

BOTANICAL NAME	MĀORI NAME	COMMON NAME
GYMNOSPERM TREES		
<i>Dacrycarpus dacrydioides</i>	kahikatea	kahikatea
<i>Dacrydium cupressinum</i>	rimu	rimu
<i>Podocarpus totara</i>	tōtara	tōtara
<i>Prumnopitys ferruginea</i>	miro	miro
<i>Prumnopitys taxifolia</i>	mataī	mataī
MONOCOTYLEDONOUS TREES		
<i>Cordyline australis</i>	tī kōuka	cabbage tree
<i>Cordyline banksii</i>	tī ngahere	forest cabbage tree
<i>Rhopalostylis sapida</i>	nīkau	nīkau
DICOTYLEDONOUS TREES AND SHRUBS		
<i>Alectryon excelsus</i>	tītoki	tītoki
<i>Aristotelia serrata</i>	makomako	wineberry
<i>Beilschmiedia tawa</i>	tawa	tawa
<i>Brachyglottis repanda</i>	rangiora	rangiora
<i>Carpodetus serratus</i>	putaputawētā	marbleleaf
<i>Coprosma areolata</i>		thin-leaved coprosma
<i>Coprosma grandifolia</i>	kanono	kanono
<i>Coprosma lucida</i>	karamu	karamu
<i>Coprosma propinqua</i>		a coprosma sp.
<i>Coprosma repens</i>	taupata	taupata
<i>Coprosma rhamnoides</i>		a coprosma sp.
<i>Coprosma robusta</i>	karamu	karamu
<i>Coprosma propinqua</i> x <i>C. robusta</i>		a coprosma hybrid
<i>Coriaria arborea</i>	tutu	tutu
* <i>Corynocarpus laevigatus</i>	karaka	karaka
<i>Dracophyllum longifolium</i>	inanga	dracophyllum
<i>Dysoxylum spectabile</i>	kohekohe	kohekohe
<i>Elaeocarpus dentatus</i>	hīnau	hīnau
<i>Fuchsia excorticata</i>	kōtukutuku	tree fuchsia
<i>Geniostoma ligustrifolium</i> var. <i>ligustrifolium</i>	hangehange	hangehange
<i>Griselinia littoralis</i> (P)	pāpāuma	broadleaf
<i>Griselinia lucida</i>	puka	broadleaf
<i>Hebe parviflora</i>	koromiko tāranga	tree hebe
<i>Hebe stricta</i>	koromiko	koromiko
<i>Hedycarya arborea</i>	porokaiwhiri	pigeonwood
<i>Hoheria sextylosa</i> (P?)	houhere	lacebark

<i>Knightia excelsa</i>	rewarewa	rewarewa
<i>Kunzea ericoides</i>	kānuka	kānuka
<i>Laurelia novae-zelandiae</i>	pukatea	pukatea
<i>Leptospermum scoparium</i>	mānuka	mānuka
<i>Leucopogon fasciculatus</i>	mingimingi	big mingimingi
<i>Lophomyrtus bullata</i>	ramarama	ramarama
<i>Macropiper excelsum</i>	kawakawa	kawakawa
<i>Melicope ternata</i>	wharangi	wharangi
<i>Melicytus ramiflorus</i>	māhoe	māhoe
<i>Metrosideros robusta</i>	rātā	northern rātā
<i>Myoporum laetum</i>	ngaio	ngaio
<i>Myrsine australis</i>	māpou	māpou
<i>Myrsine salicina</i>	toro	toro
<i>Nestegis cunninghamii</i>	maire	black maire
<i>Nestegis lanceolata</i>	maire rauriki	white maire
<i>Olearia paniculata</i>	akiraho	akiraho
<i>Olearia rani</i>	heketara	heketara
<i>Ozothamnus leptophyllus</i>	tauhinu	tauhinu
<i>Pennantia corymbosa</i>	kaikōmako	kaikōmako
* <i>Pittosporum crassifolium</i> (P)	karo	karo
<i>Pittosporum eugenioides</i>	tarata	tarata
<i>Pittosporum tenuifolium</i>	kohuhu	kohuhu
<i>Plagianthus regius</i> (P)	mānatu	lowland ribbonwood
<i>Pseudopanax arboreus</i>	whauwhaupaku	five-finger
<i>Pseudopanax crassifolius</i>	horoeaka	lancewood
* <i>Pseudopanax laetus</i> (P)		
<i>Pseudopanax crassifolium</i> x <i>P. lesssonii</i>		pseudopanax hybrids
<i>Pseudowintera axillaris</i>	horopito	lowland horopito
<i>Schefflera digitata</i>	patē	seven-finger
<i>Solanum laciniatum</i>	poroporo	poroporo
<i>Sophora microphylla</i> (P?)	kōwhai	kōwhai
<i>Urtica ferox</i>	ongaonga	tree nettle
<i>Weinmannia racemosa</i>	kāmahi	kāmahi

MONOCOTYLEDONOUS LIANES

<i>Freycinetia banksii</i>	kiekie	kiekie
<i>Ripogonum scandens</i>	kareao	supplejack

DICOTYLEDONOUS LIANES

<i>Clematis forsteri</i>	pikiarero	small white clematis
<i>Clematis paniculata</i>	puawānanga	white clematis
<i>Metrosideros diffusa</i>	rātā	white rātā
<i>Metrosideros fulgens</i>	akakura	scarlet rātā
<i>Metrosideros perforata</i>	akatea	clinging rātā
<i>Muehlenbeckia australis</i>	pōhuehue	pōhuehue
<i>Muehlenbeckia complexa</i>	pōhuehue	pōhuehue

Parsonsia heterophylla	kaihua	NZ jasmine
Passiflora tetrandra	kōhia	NZ passion flower
Rubus cissoides	tātārāmoa	bush lawyer

LYCOPODS AND PSILOPSIDS

Huperzia varia	whiri o Raukatauri	hanging clubmoss
Lycopodium volubile	waewaekoukou	climbing clubmoss
Tmesipteris elongata		a fork fern sp.
Tmesipteris tannensis		a fork fern sp.

FERNS

Adiantum cunninghamii	huruhuru tapairu	maidenhair
Asplenium appendiculatum subsp. maritimum		shore spleenwort
Asplenium bulbiferum	manamana	hen and chickens
Asplenium flaccidum	makawe o Raukatauri	hanging spleenwort
Asplenium hookerianum		Hooker's spleenwort
Asplenium oblongifolium	huruhuruwhenua	shining spleenwort
Asplenium polyodon	petako	sickle spleenwort
Blechnum chambersii	nini	lance fern
Blechnum discolor	piupiu	crown fern
Blechnum filiforme	pānako	thread fern
Blechnum fluviatile	kiwakiwa	ray water fern
Blechnum membranaceum		a blechnum sp.
Blechnum procerum		small kiokio
Blechnum novae-zelandiae	kiokio	kiokio
Cardiomanes reniforme	raurenga	kidney fern
Ctenopteris heterophylla	taupeka	gypsy fern
Cyathea dealbata	ponga	ponga
Cyathea medullaris	mamaku	mamaku
Cyathea smithii	kātote	soft tree fren
Dicksonia fibrosa	whekī ponga	whekī ponga
Dicksonia squarrosa	whekī	whekī
Grammitis billardierei		a strap fern sp.
Histiopteris incisa	mātātā	water fern
Hymenophyllum demissum	irirangi	drooping filmy fern
Hymenophyllum scabrum	mauku	rough filmy fern
Hypolepis ambigua	rarauhi nehenehe	a hypolepis sp.
Lastreopsis glabella		smooth shield fern
Lastreopsis hispida	pongaweka	hairy fern
Leptopteris hymenophylloides	heruheru	crepe fern
Loxogramme dictyopteris (= Anarthropteris lanceolata)		lance fern
Microsorium pustulatum	kōwaowao	hound's tongue fern
Microsorium scandens	mokimoki	fragrant fern
Paesia scaberula	mātā	ring fern

<i>Pellaea rotundifolia</i>	tarawera	round-leaved fern
<i>Pneumatopteris pennigera</i>	pākau	gully fern
<i>Polystichum neozelandicum</i> subsp. <i>zerophyllum</i>	pikopiko	common shield fern
<i>Polystichum vestitum</i>	pūniu	prickly shield fern
<i>Pteridium esculentum</i>	rārahu	bracken
<i>Pteris macilenta</i>	titipo	sweet brake
<i>Pyrrosia eleagnifolia</i>	ota	leatherleaf fern
<i>Rumohra adiantiformis</i>	karawhiu	leathery shield fern
<i>Trichomanes venosum</i>		veined bristle fern

ORCHIDS

<i>Drymoanthus adversus</i>		green fleshy orchid
<i>Earina autumnalis</i>	raupeka	Easter orchid
<i>Earina mucronata</i>	peka a waka	Spring orchid
<i>Microtis unifolia</i>	māikaika	onion orchid
<i>Pterostylis banksii</i>	tutukiwi	common greenhood
<i>Thelymitra longifolia</i>	māikuku	white sun orchid

GRASSES

<i>Austroderia</i> (= <i>Cortaderia</i>) <i>fulvida</i>	toetoe	toetoe
<i>Dichelachne crinita</i>		long-hair plume grass
<i>Microlaena avenacea</i>		bush rice grass
<i>Poa anceps</i>		broad-leaved poa
<i>Rytidosperma gracile</i>		a <i>rytidosperma</i> sp.

SEDGES

<i>Carex geminata</i>	rautahi	cutty grass
<i>Carex secta</i>	pūrei	pūrei
<i>Gahnia pauciflora</i>	māpere	cutting sedge.
<i>Gahnia setifolia</i>	māpere	cutty grass
<i>Uncinia banksii</i>		a hooked sedge sp.
<i>Uncinia silvestris</i>	matau	a hooked sedge sp.
<i>Uncinia uncinata</i>	matau a Māui	hooked sedge

RUSHES

<i>Juncus sarophorus</i>	wī	a leafless rush sp.
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OTHER MONOCOTYLEDONOUS HERBS

<i>Arthropodium cirratum</i> (P)	rengarenga	rengarenga
<i>Astelia fragrans</i>	kakaha	bush flax
<i>Astelia solandri</i>	kōwharawhara	perching astelia
<i>Dianella nigra</i>	tūrutu	blueberry
<i>Lemna minor</i>	kārearea	duckweed
<i>Libertia ixioides</i>	mīkoikoi	a NZ iris sp.
<i>Phormium cookianum</i>	wharariki	coastal flax

Phormium tenax harakeke swamp flax

COMPOSITE HERBS

Pseudognaphalium luteoalbum jersey cudweed
 Senecio minimus fireweed
 Senecio rufiglandulosus a senecio sp.

DICOTYLEDONOUS HERBS (other than composites)

Australina pusilla australina
 Callitriche stagnalis starwort
 Epilobium insulare a willowherb sp.
 Hydrocotyle elongata a waxweed sp.
 Hydrocotyle microphylla a waxweed sp.
 Hydrocotyle moschata hairy pennywort
 Ranunculus reflexus mārūrū hairy buttercup
 Stellaria parviflora kohukohu NZ chickweed
 Wahlenbergia violacea wahu a harebell sp.

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LIST 2: SOME ADVENTIVE VASCULAR PLANTS

GYMNOSPERM TREES

Sequoia sempervirens coastal redwood
 Cupressus macrocarpa macrocarpa
 Pinus sp. pine

DICOTYLEDONOUS TREES AND SHRUBS

Berberis darwinii Darwin's barberry
 Cytisus scoparius broom
 Eleagnus Xreflexa eleagnus
 Erica lusitanica Spanish heath
 Eucalyptus sp. a gum tree sp.
 Genista (= Teline) monspessulana Montpellier broom
 Hypericum androsaemum tutsan
 Leycesteria formosa Himalayan honeysuckle
 Lupinus arboreus tree lupin
 Paraserianthes lophanta brush wattle
 Prunus campanulata Taiwan cherry
 Quercus sp. an oak sp.
 Rubus fruticosus agg. blackberry
 Ulex europaeus gorse

DICOTYLEDONOUS LIANES

Cobaea scandens
 Hedera helix
 Lonicera japonica
 Passiflora mollissima

cathedral bells
 English ivy
 Japanese honeysuckle
 banana passionfruit

FERNS AND LYCOPODS

Pteris cretica
 Selaginella kraussiana

Cretan brake
 a selaginella sp.

GRASSES

Bromus willdenowii
 Dactylis glomerata
 Ehrharta erecta
 Holcus lanatus

prairie grass
 cocksfoot
 veld grass
 Yorkshire fog

SEDGES

Cyperus eragrostis

umbrella sedge

OTHER MONOCOTYLEDONOUS HERBS

Allium triquetrum
 Crocosmia Xcrocosmiiflora
 Tradescantia fluminensis

onion weed
 montbretia
 tradescantia

COMPOSITE HERBS

Achillea millefolium
 Arctotheca calendula
 Bellis perennis
 Cerastium fontanum
 Cirsium vulgare kotimana
 Conyza sumatrensis
 Crepis capillaris
 Erigeron karvinskianus
 Hypochaeris radicata
 Jacobaea vulgaris (= Senecio jacobaea)
 Leucanthemum vulgare
 Senecio bipinnatisectus
 Senecio glastifolius
 Senecio mikanioides
 Sonchus oleraceus pūhā

common yarrow
 cape weed
 English daisy
 mouse-ear chickweed
 Scotch thistle
 fleabane
 hawksbeard
 Mexican daisy
 catsear
 ragwort
 ox-eye daisy
 Australian fireweed
 holly-leaved senecio
 German ivy
 sow thistle

DICOTYLEDONOUS HERBS (other than composites)

Cedronella canariensis

balm of Gilead

Centaureum erythraea	centaury
Conium maculatum	hemlock
Digitalis purpurea	foxglove
Foeniculum vulgare	fennel
Galium aparine	cleavers
Lotus pedunculatus	bird's-foot trefoil
Mimulus guttatus	monkey musk
Oxalis sp.	an oxalis sp.
Phytolacca octandra	inkweed
Plantago lanceolata	narrow-leaved plantain
Plantago major	broad-leaved plantain
Prunella vulgaris	selfheal
Ranunculus repens	creeping buttercup
Raphanus raphanistrum	wild radish
Solanum nigrum	black nightshade
Solanum chenopodioides	velvety nightshade
Stachys silvatica	hedge stachys
Trifolium dubium	suckling clover
Trifolium pratense	red clover
Trifolium repens	white clover
Vinca major	periwinkle

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LIST 3: SOME INDIGENOUS BIRDS

Anas superciliosa	pāpera	grey duck
Gerygone igata	riroriro	grey warbler
Hemiphaga novaeseelandiae	kererū	kererū
Petroica macrocephala toitoi	miromiro	North Island tomtit
Prothemadera novaeseelandiae	tūi	tūi
Rhipidura fuliginosa placabilis	pīwakawaka	North Island fantail
Zosterops lateralis	tauhou	waxeye

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LIST 4: SOME ADVENTIVE BIRDS

Anas platyrhynchos	mallard
Turdus merula	blackbird
Turdus philomelos	song thrush
Vanellus miles	spur-winged plover

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NOTES:

