

GRAY'S BUSH, 325 GRAYS ROAD, RD1, PORIRUA.

Map: NZMS 260 Sheet R26, Paraparaumu, centred on grid reference 693114.

Catchment: Kakaho Stream, a tributary of Pauatahanui Inlet, Porirua Harbour.

Elevation: c. 5 m – 40 m a.s.l.

Landform: spurs and gully.

Geology: Alternating, dark grey argillite and greywacke sandstone; rare limestone bands with *Monotis richmondiana* Zitt; Volcanic bands. Deformation complex; rodding and extensive boudinage structures; intensely sheared and semi-schistose. (probably Warepan and Otapirian in age). Wellington greywackes. Balfour series, Triassic. *NZ Geological Map. 1:250,000. Wellington. 1st edition, Sheet 12* Reprinted 1975.

Soils: Paremata – Terawhiti soils. *Soils of Wellington District*. Soil Bureau, D.S.I.R. 1960.

Aspect: southwest - northwest

Rainfall: mean 1257.5 mm per annum, measured 2003-2012, at GWRC rain gauge, Seton Nossiter Park, Paparangi, at the head of the Porirua catchment.

Ecological District: Wellington Ecological District 39.01

Tenure: private

Territorial Local Authority: Porirua City Council

Lists compiled by Lesley Barnes in June 2004. Additions made by Wellington Botanical Society during a 1.5-hour reconnaissance on 2.8.2008. Taxonomic updates 14.1.14.

agg. = aggregate

= not naturally occurring in Wellington Ecological District 39.02

(P) = planted

† = Probable garden escape

sp. = species

subsp. = subspecies

Māori names derived from *A Dictionary of Māori Plant Names*. 1991, James Beever, Auckland Botanical Society. Common names derived from *Common Names of Plants in NZ*. 1997. Compiled by E R Nichol, Manāki Whenua Press.

LIST 1: SOME INDIGENOUS VASCULAR PLANTS

BOTANICAL NAME	MĀORI NAME	COMMON NAME
GYMNOSPERM TREES		
<i>Dacrycarpus dacrydioides</i>	kahikatea	kahikatea
<i>Dacrydium cupressinum</i> (P)*	rimu	rimu
<i>Podocarpus totara</i>	tōtara	tōtara
<i>Prumnopitys ferruginea</i>	miro	miro

<i>Prumnopitys taxifolia</i>	mataī	mataī
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MONOCOTYLEDONOUS TREES

<i>Cordyline australis</i>	tī kōuka	cabbage tree
<i>Rhopalostylis sapida</i> (P)	nīkau	nīkau

DICOTYLEDONOUS TREES AND SHRUBS

<i>Alectryon excelsus</i>	tītoki	titoki
<i>Beilschmiedia tawa</i>	tawa	tawa
<i>Brachyglottis repanda</i>	rangiora	rangiora
<i>Carmichaelia australis</i>	mākaka	NZ broom
<i>Carpodetus serratus</i>	putaputawētā	marbleleaf
<i>Coprosma areolata</i>		thin-leaved coprosma
<i>Coprosma grandifolia</i>	raurekau, kanono	kanono
<i>Coprosma lucida</i>	karamu	karamu
<i>Coprosma propinqua</i> var. <i>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 rotundifolia</i>		round-leaved coprosma
<i>Coprosma propinqua</i> x <i>C. robusta</i>		a coprosma hybrid
# <i>Corynocarpus laevigatus</i>	karaka	karaka
<i>Dysoxylum spectabile</i>	kohekohe	kohekohe
<i>Elaeocarpus dentatus</i>	hīnau	hīnau
<i>Geniostma ligustrifolium</i> var. <i>ligustrifolium</i>	hangehange	hangehange
<i>Griselinia littoralis</i>	papauma	broadleaf
<i>Griselinia lucida</i>	puka	puka
<i>Hedycarya arborea</i>	porokaiwhiri	pigeonwood
# <i>Hoheria populnea</i>	houhere	lacebark
<i>Hoheria sexstylosa</i>	houhere	lacebark
<i>Knightia excelsa</i>	rewarewa	rewarewa
<i>Kunzea ericoides</i> agg.	kānuka	kānuka
<i>Laurelia novae-zelandiae</i>	pukatea	pukatea
<i>Leptospermum scoparium</i> agg.	mānuka	manuka
<i>Melicope ternata</i>	wharangi	wharangi
<i>Melicytus ramiflorus</i>	māhoe	mahoe
<i>Mida salicifolia</i>	maire	willow-leaved maire
<i>Myoporum laetum</i>	ngaio	ngaio
<i>Myrsine australis</i>	māpou	mapou
<i>Olearia paniculata</i>	akiraho	akiraho
<i>Pennantia corymbosa</i>	kaikōmako	kaikomako
<i>Piper excelsum</i>	kawakawa	kawakawa
# <i>Pittosporum crassifolium</i>	karo	karo
<i>Pittosporum eugenioides</i>	tarata	lemonwood

# Pittosporum ralphii		a pittosporum sp.
Pittosporum tenuifolium	kohuhu	kohuhu
Pseudopanax arboreus	whauwhaupaku	five-finger
Pseudopanax crassifolius	horoeaka	lancewood
Pseudowintera colorata [†]	horopito	mountain horopito
Sophora chathamica	kōwhai	kōwhai
Sophora microphylla	kōwhai	kōwhai
# Sophora tetraptera	kōwhai	kōwhai
Streblus banksii	ewekuri	large-leaved milk tree
Streblus heterophyllus tree	tūrepo	small-leaved milk

MONOCOT LIANES

Ripogonum scandens	kareao	supplejack
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DICOT LIANES AND RELATED TRAILING PLANTS

Metrosideros fulgens	akakura	scarlet rata
Metrosideros perforata	akatea	clinging rata
Muehlenbeckia australis	pōhuehue	pōhuehue
Muehlenbeckia complexa	pōhuehue	pōhuehue
Parsonsia heterophylla	kaihua	NZ jasmine
Passiflora tetrandra	kōhia	NZ passion flower

FERNS

Anarthropteris lanceolata		lance fern
Arthropteris tenella		jointed fern
Asplenium bulbiferum	manamana	hen and chickens
Asplenium flabellifolium		necklace fern
Asplenium flaccidum	makawe o Raukatauri	hanging spleenwort
Asplenium hookerianum (both forms)		Hooker's spleenwort
Asplenium oblongifolium	huruhuruwhenua	shining spleenwort
Asplenium polyodon	petako	sickle spleenwort
Asplenium bulbiferum x A. flaccidum		an asplenium hybrid
Asplenium bulbiferum x A. hookerianum		an asplenium hybrid
Asplenium flaccidum x A. hookerianum		an asplenium hybrid
Blechnum filiforme	pānako	thread fern
Cyathea dealbata	ponga	silver fern
Lastreopsis glabella		smooth shield fern
Lastreopsis microsora		a lastreopsis sp.
Microsorium pustulatum subsp. pustulatum	kōwaowao	hound's tongue fern
Microsorium scandens	mokimoki	fragrant fern
Pellaea rotundifolia	tarawera	round-leaved fern

Polystichum neozelandicum subsp. zerophyllum	pikopiko	common shield fern
Pteridium esculentum	rārahu	bracken
Pteris tremula	turawera	shaking brake
Pyrrosia eleagnifolia	ota	leather-leaf fern

ORCHIDS

Diplodium alobulum		a greenhood orchid sp.
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GRASSES

Microlaena avenacea		bush rice grass
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SEDGES

Uncinia banksii		a hooked sedge sp.
Uncinia filiformis		a hooked sedge sp.
Uncinia scabra		a hooked sedge sp.
Uncinia uncinata	matau a Māui	a hooked sedge sp.

RUSHES

None recorded

MONOCOTYLEDONOUS HERBACEOUS PLANTS

Dianella nigra	tūrutu	blueberry
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DICOTYLEDONOUS HERBACEOUS PLANTS

Cardamine sp	panapana	NZ bitter cress
Oxalis exilis		an oxalis sp.
Parietaria debilis		NZ pellitory
Stellaria parviflora	kohukohu	NZ chickweed

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LIST 2: SOME FUNGI

Coriolus versicolor		a bracket fungus
Flammulina velutipes		a gill fungus
Geastrum velutinum		velvet earthstar
Ileodictyon cibarium		a basket fungus
Weraroa erythrocephala		pouch fungus

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LIST 3: SOME ADVENTIVE VASCULAR PLANTS

GYMNOSPERM TREES

Cupressus macrocarpa macrocarpa

DICOTYLEDONOUS TREES AND SHRUBS

Chamaecytisus palmensis tree lucerne

FERNS

None recorded

GRASSES

Ehrharta erecta veld grass

SEDGES

None recorded

RUSHES

None recorded

DICOTYLEDONOUS HERBACEOUS PLANTS, other than orchids, grasses, sedges, rushes

None recorded

COMPOSITE HERBACEOUS PLANTS

Conyza albida tall fleabane
Hypochaeris radicata catsear

DICOTYLEDONOUS HERBACEOUS PLANTS, other than composites

Callistemon sp. a callistemon sp.
Cardamine sp. a cress sp.
Euphorbia peplus milkweed
Galium aparine bedstraw
Oxalis sp. an oxalis sp.
Physalis peruviana Cape gooseberry
Solanum chenopodioides velvet nightshade
Solanum (nigrum?) black nightshade

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LIST4: SOME INDIGENOUS BIRDS

Gerygone igata riroriro grey warbler
Hemiphaga novaeseelandiae
novaeseelandiae ... kererū NZ pigeon
Prothemadera novaeseelandiae

novaeseelandiae	tūī	tūī
Rhipidura fuliginosa		
placabilis	pīwakawaka	North Island fantail
Tadorna variegata	pūtangitangi	paradise shelduck
Zosterops lateralis	tauhou	silvereeye, waxeye

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LIST 4: SOME ADVENTIVE BIRDS

Emberiza citrinella	yellowhammer
Gymnorhina tibicen	Australian magpie
Sturnus vulgaris	starling
Turdus philomelos	song thrush