

KOHEKOHE LOOP TRACK PAEKĀKĀRIKI - PUKERUA BAY ESCARPMENT, KĀPITI COAST

Map: NZTopo-BP32 Paraparaumu.

Grid reference: centred on 637598.

Geology: Alternating dark grey argillite and greywacke sandstone. Conglomerates; rare limestone bands. Volcanic bands. Deformation complex; rodding and extensive boudinage structures; intensely sheared and semi-schistose. Wellington greywackes. Triassic. *NZ Geological Map 1 ; 250,000 Wellington*. NZ Geological Survey. 1967.

Soils: Paremata-Terawhiti soils. *Soils of Wellington District*. H S Gibbs. Soil Bureau, DSIR. 1960.

Ecological District: Cook Strait Ecological District 39.02, close to the boundary with Wellington Ecological District 39.01.

Catchment: A.T.Clark Creek

Landform: coastal escarpment with associated spur and gully.

Elevation range: c. 10 m – 110 m above sea level

Area: c. 3 ha.

Aspect: northwest – north – northeast.

Rainfall: 1328 mm average over 1971 to 2000 quoted by NIWA

Tenure: Kiwirail and Kāpiti Coast District Council

Status: Crown, managed by Kiwirail, a State-Owned Enterprise; Kāpiti Coast District Council Local Purpose Reserve

Vegetation types: Kohekohe-dominant mature coastal forest; regenerating coastal broad-leaved forest; planted forest.

Management: pest-animal control, pest-plant control, and planting, by Nga Uruora Kāpiti Project.

Territorial Local Authority: Kāpiti Coast District Council.

Lists prepared on 6.6.2015 by Wellington Botanical Society and Nga Uruora Kāpiti Project during a four-hour reconnaissance; lists updated on 13.6.2015 by P Enright during a five-hour reconnaissance.

Notes

The mature forest, which since 2001 has been subject to intensive control of pest animals and pest plants, is beginning to recover from decades of infestation. Thus kohekohe trees are flowering profusely, and numerous seedlings of kohekohe, and some seedlings of tītoki, tawa and hīnau, have appeared.

Abbreviations

agg. = aggregate

= not naturally occurring in Cook Strait Ecological District 39.02, or Wellington Ecological District 39.01.

sp. = species

subsp. = subspecies

(unc) = uncommon – only 1 or 2 plants seen

var. = variety

LIST 1: INDIGENOUS VASCULAR PLANTS

BOTANICAL NAME	MĀORI NAME	COMMON NAME
GYMNOSPERM TREES – None recorded		
MONOCOTYLEDONOUS TREES		
<i>Cordyline australis</i> (P)	tī kōuka	cabbage tree
<i>Rhopalostylis sapida</i> (P)	nīkau	nīkau
DICOTYLEDONOUS TREES AND SHRUBS		
<i>Alectryon excelsus</i> subsp. <i>excelsus</i>	tītoki	tītoki
<i>Beilschmiedia tawa</i> (unc)	tawa	tawa
<i>Brachyglottis repanda</i>	rangiora	rangiora
<i>Carmichaelia australis</i>	mākaka	broom
<i>Coprosma crassifolia</i> (unc)		thick-leaved coprosma
<i>Coprosma lucida</i>	karamu	karamu
<i>Coprosma propinqua</i> var. <i>propinqua</i> (P)		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>Corynocarpus laevigatus</i>	karaka	karaka
<i>Dodonaea viscosa</i> (P)	akeake	akeake
<i>Dysoxylum spectabile</i>	kohekohe	kohekohe
<i>Elaeocarpus dentatus</i>	hīnau	hīnau
#? <i>Entelea arborescens</i> (P)	whau	whau
<i>Geniostoma ligustrifolium</i> var. <i>ligustrifolium</i>	hangehange	hangehange
<i>Griselinia lucida</i>	puka	broadleaf
<i>Hebe</i> (<i>Veronica</i>) <i>stricta</i>	koromiko	koromiko
<i>Hedycarya arborea</i>	porokaiwhiri	pigeonwood
<i>Kunzea amathicola</i> (P?)	kānuka	kānuka
<i>Kunzea robusta</i>	kānuka	kānuka
<i>Leptospermum scoparium</i> agg. (P)	mānuka	mānuka
<i>Leucopogon fasciculatus</i> (unc)	mingimingi	big mingimingi
<i>Melicope ternata</i> (P)	wharangi	wharangi
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	māhoe	whiteywood
<i>Myoporum laetum</i>	ngaio	ngaio
<i>Myrsine australis</i>	māpou	māpou
<i>Olearia paniculata</i> (P)	akiraho	akiraho
<i>Olearia solandri</i> (P)	takupurenga	coastal tree daisy
<i>Ozothamnus leptophyllus</i>	tauhinu	tauhinu
<i>Pennantia corymbosa</i>	kaikōmako	kaikōmako
<i>Piper excelsum</i> subsp. <i>excelsum</i>	kawakawa	kawakawa
# <i>Pittosporum crassifolium</i>	karo	karo
<i>Pittosporum eugenioides</i> (P?)	tarata	lemonwood
<i>Pittosporum tenuifolium</i> (P?)	kohuhu	kohuhu
<i>Pseudopanax arboreus</i>	whauwhaupaku	five-finger
<i>Pseudopanax crassifolius</i>	horoeka	lancewood

<i>Solanum laciniatum</i> (unc)	poroporo	poroporo
<i>Sophora</i> (<i>chathamica</i> ?)	kōwhai	kōwhai
<i>Sophora</i> (<i>microphylla</i> ?)	kōwhai	kōwhai

MONOCOTYLEDONOUS LIANES - None recorded

DICOTYLEDONOUS LIANES AND SCRAMBLING PLANTS

<i>Calystegia tuguriorum</i>	pōwhiwhi	NZ bindweed
<i>Clematis forsteri</i> (unc)	pikiarero	small white clematis
<i>Clematis paniculata</i>	puawānanga	large white clematis
<i>Metrosideros perforata</i>	akatea	clinging rātā
<i>Muehlenbeckia australis</i>	pōhuehue	pōhuehue
<i>Muehlenbeckia complexa</i>	pōhuehue	pōhuehue
<i>Muehlenbeckia australis</i> x <i>M. complexa</i>		a muehlenbeckia hybrid
<i>Parsonsia capsularis</i>	kaiwhiria	small-flowered jasmine
<i>Parsonsia heterophylla</i>	kaihua	parsonsia
<i>Tetragonia implexicoma</i>	kōkihi	NZ spinach

PSILOPSIDS, LYCOPODS AND QUILLWORTS – None recorded

FERNS

<i>Adiantum cunninghamii</i>	huruhuru tapairu	common maidenhair
<i>Arthropteris tenella</i>		jointed fern
<i>Asplenium flaccidum</i> (unc)	makawe o Raukatauri	hanging spleenwort
<i>Asplenium gracillimum</i>		an asplenium sp.
<i>Asplenium hookerianum</i> var. <i>hookerianum</i>		Hooker's spleenwort
<i>Asplenium oblongifolium</i>	huruhuru whenua	shining spleenwort
<i>Blechnum filiforme</i>	pānako	thread fern
<i>Blechnum membranaceum</i>		a blechnum sp.
<i>Hypolepis ambigua</i> (unc)	rarauhe nehenehe	an hypolepis sp.
<i>Lastreopsis glabella</i>		smooth shield fern
<i>Lastreopsis velutina</i>		velvet fern
<i>Microsorium pustulatum</i> subsp. <i>pustulatum</i>	kōwaowao	hound's tongue
<i>Microsorium scandens</i>	mokimoki	scented fern
<i>Pellaea rotundifolia</i>	tarawera	round-leaved fern
<i>Polystichum neozelandicum</i> subsp. <i>zerophyllum</i> (unc)	pikopiko	shield fern
<i>Polystichum oculatum</i> .	pikopiko	shield fern
<i>Pteridium esculentum</i>	rārahu	bracken
<i>Pteris macilenta</i> (unc)	titipo	sweet brake
<i>Pteris tremula</i>	turawera	shaking brake
<i>Pyrrosia eleagnifolia</i>	ota	leather-leaf fern

ORCHIDS

<i>Pterostylis</i> sp.		a greenhood sp.
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Cytisus scoparius	English broom
Genista monspessulana	Montpellier broom
Lupinus arboreus	tree lupin
Lycium ferocissimum	boxthorn
Myoporum insulare	boobialla
Phytolacca octandra	inkweed
Rosa rubiginosa	briar rose
Ulex europaeus	gorse

MONOCOTYLEDONOUS LIANES – None recorded

DICOTYLEDONOUS LIANES AND SCRAMBLING PLANTS

Asparagus scandens (unc)	climbing asparagus
Delairia odorata	German ivy
Hedera helix subsp. helix	English ivy
Lathyrus latifolius	everlasting pea
Rumex sagittatus	climbing dock
Senecio angulatus	Cape ivy
Tropaeolum majus	nasturtium

PSILOPSIDS, LYCOPODS AND QUILLWORTS – None recorded

FERNS- None recorded

ORCHIDS None recorded

GRASSES

Agrostis capillaris	browntop
Bromus hordaceus	ripgut brome
Bromus willdenowii (unc)	prairie grass
Dactylis glomerata	cocksfoot
Ehrharta erecta	veld grass
Poa annua	annual poa
Schedonorus arundinaceus	tall fescue

SEDGES -None recorded

RUSHES - None recorded

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

Tradescantia fluminensis	tradescantia
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COMPOSITE HERBACEOUS PLANTS

Cirsium vulgare	kotimana	Scotch thistle
Conyza sumatrensis		fleabane
Crepis capillaris		hawksbeard
Galinsoga parviflora		potato weed
Helminthotheca echioides		ox tongue
Hypochaeris radicata		catsear

Lactuca serriola		prickly lettuce
Senecio glastifolius		holly-leaved senecio
Senecio skirrhodon (unc)		gravel groundsel
Senecio vulgaris		common groundsell
Sonchus oleraceus	pūha	sow thistle

DICOTYLEDONOUS HERBACEOUS PLANTS, other than composites

Anagallis arvensis var. arvensis		scarlet pimpernel
Apium nodiflorum		water celery
Epilobium ciliatum		tall willowherb
Euphorbia peplus		milkweed
Foeniculum vulgare		fennel
Fumaria muralis		scrambling fumitory
Galium aparine		cleavers
Geranium molle		dove's-foot cranebill
Lepidium sp.		a lepidium sp.
Linaria purpurea		purple linaria
Medicago arabica		spotted bur medick
Medicago lupulina		black medick
Modiola caroliniana		creeping mallow
Orobanche minor		broom rape
Oxalis corniculata		an oxalis sp.
Physalis peruviana		Cape gooseberry
Plantago lanceolata		narrow-leaved plantain
Rumex crispus		curled dock
Rumex obtusifolius		broad-leaved dock
Solanum chenopodioides		velvet nightshade
Solanum nigrum		black nightshade
Spergula arvensis		spurrey
Stellaria media		chickweed
Trifolium repens		white clover
Verbascum thapsus		woolly mullein
Veronica persica		winter speedwell
Vicia sativa		vetch

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LIST 3: INDIGENOUS BIRDS

Anthornis melanura melanura	korimako	bellbird
Circus approximans	kahu	Australasian harrier
Hemiphaga novaeseelandiae novaeseelandiae	kererū	kererū
Prothemadera novaeseelandiae novaeseelandiae	tūī	tūī
Rhipidura fuliginosa placabilis	pīwakawaka	North Island fantail
Zosterops lateralis lateralis	tauhou	waxeye

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LIST 4: ADVENTIVE BIRDS

Fringilla coelebs

Turdus merula

chaffinch

blackbird



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