

**LIST 1: SOME INDIGENOUS PLANTS OF RUSSELL RESERVE, A KCDC KEY NATIVE ECOSYSTEM, NGAIO RD, WAIKANAE, CENTRED ON NZMS 260 MAP R26 PARAPARAUMU, GR 830347; LIST COMPILED BY B J MITCALFE AND J C HORNE ON 21-10-2000 DURING A 2 HOUR RECONNAISSANCE; REVISED ON 4-11-2000 BY WGTN BOTANICAL SOCIETY DURING A 2-HOUR VISIT. NOTE: All measurements are estimated; (P) = planted.**

BOTANICAL NAME	MAAORI NAME	COMMON NAME
<b>GYMNOSPERM TREES</b>		
Dacrydium cupressinum (P)	rimu	rimu
Podocarpus totara (P)	tootara	totara
Prumnopitys taxifolia	mataii	matai
<b>MONOCOT TREES</b>		
Cordyline australis	tii koouka	cabbage tree
Rhopalostylis sapida	niikau	nikau
<b>DICOT TREES/SHRUBS</b>		
Alectryon excelsus	tiitoki	titoki
Brachyglottis repanda	rangiora	rangiora
Coprosma areolata		
Coprosma propinqua (P?)		
Coprosma repens	taupata	taupata
Coprosma robusta	karamu	karamu
Coprosma propinqua x C. robusta		
Corokia cotoneaster (P)	korokio	corokia
Corynocarpus laevigatus	karaka	karaka
Dysoxylum spectabile	kohekohe	kohekohe
Elaeocarpus dentatus	hiinau	hinau
Entelea arborescens	whau	whau
Geniostoma rupestre var. ligustrifolium	hangehange	hangehange
Griselinia littoralis	paapaauma	broadleaf
Griselinia lucida	puka	broadleaf
Hedycarya arborea	porokaiwhiri	pigeonwood
Hoheria populnea	houhere	lacebark
Hoheria sexstylosa (variegata)		
Macropiper excelsum	kawakawa	kawakawa
Melicope ternata	wharangi	wharangi
Melicytus ramiflorus	maahoe	mahoe
Metrosideros excelsa (P)	poohutukawa	pohutukawa
Myoporum laetum	ngaio	ngaio
Myrsine australis	maapou	mapou
Pennantia corymbosa	kaikoomako	kaikomako
Pittosporum cornifolium	tawhirikaro	perching pottosporum
Pittosporum crassifolium (P) karo	karo	
Pittosporum eugenioides	tarata	lemonwood

<i>Pittosporum tenuifolium</i>	kohuhu	kohuhu
<i>Pseudopanax crassifolius</i>	horoeaka	lancewood
<i>Pseudopanax</i> (hybrid)		
<i>Sophora</i> sp. (cult. P)	koowhai	kowhai
<i>Streblus banksii</i>	ewekuri	large-leaved milk tree
<i>Vitex lucens</i>	puuriri	puriri

### DICOT LIANES

<i>Calystegia tuguriorum</i>	poowhiwhi	climbing convolvulus
<i>Metrosideros perforata</i>	akatea	clinging rata
<i>Muehlenbeckia australis</i>	poohuehue	pohuehue
<i>Parsonsia heterophylla</i>	kaihua	parsonsia

### FERNS AND FERN ALLIES

<i>Arthropteris tenella</i>		
<i>Asplenium flaccidum</i>	makawe o Raukatauri	hanging spleenwort
<i>Asplenium hookerianum</i>		
<i>Asplenium oblongifolium</i>	huruhuruwhenua	shining spleenwort
<i>Asplenium polyodon</i>	petako	sickle spleenwort
<i>Cyathea dealbata</i>	ponga	ponga
<i>Cyathea medullaris</i>	mamaku	mamaku
<i>Histiopteris incisa</i>	maataataa	water fern
<i>Microsorium scandens</i>	mokimoki	climbing hound's tongue
<i>Pellaea rotundifolia</i>	tarawera	button fern
<i>Pteris tremula</i>	turawera	shaking brake
<i>Pyrrosia eleagnifolia</i>	ota	leatherleaf fern
<i>Tmesipteris elongata</i>		fork fern

### ORCHIDS

*Drymoanthus adversus*

### SEDGES

<i>Carex flagellifera</i>	puurei	
<i>Carex dissita</i>		

### GRASSES

*Oplismenus imbecillus*

### MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES

<i>Arthropodium cirratum</i> (P)	rengarenga	rengarenga
<i>Astelia fragrans</i>	kakaha	bush lily
<i>Astelia solandri</i>	koowharawhara	perching astelia
<i>Collospermum hastatum</i>	kahakaha	
<i>Phormium tenax</i>	harakeke	flax
<i>Phormium tenax</i> (cult)		

### DICOT HERBS

*Dichondra repens* kidney weed

### LIST 2: ADVENTIVE PLANTS

Acmena smithii		lilly pilly
Agapanthus praecox		African lily
Allium triquetrum		onion weed
Asparagus scandens		climbing asparagus
Bellis		lawn daisy
Betula pendula		silver birch
Camellia		camellia
Chamaecytisus palmensis		tree lucerne
Conyza sp.		fleabane
Cotoneaster sp.		cotoneaster
Crococsmia Xcrococsmiiflora		Montbretia
Ehrharta erecta		veld grass
Eleagnus Xreflexa		eleagnus
Erigeron kraussiana		Mexican daisy
Eucalyptus sp.		eucalyptus
Fatsia japonica		fatsia
Fragaria vesca		wild strawberry
Galium aparine		cleavers
Hedera helix		ivy
Hypericum androsaemum		tutsan
Ilex (variegata)		holly
Iris foetidissima		stinking iris
Jasminum sp.		jasmine
Lilium tigrinum		tiger lily
Lunaria annua		honesty
Lupinus luteus		yellow lupin
Myosotis sylvatica		garden forget-me-not
Nephrolepis cordifolia		tuber ladder fern
Orobancha minor		fool's orchid
Oxalis sp.		oxalis
Passiflora mollissima		banana passionfruit
Plectranthus ciliatus		plectranthus
Prunus sp.		Wild plum
Prunus (?campanulata)		flowering cherry
? Ruscus aculeatus	?	butcher's broom
Senecio mikanioides		German ivy
Senecio petasitis		velvet groundsel
Solanum sp.		velvety nightshade
Solanum pseudocapsicum		Jerusalem cherry
Stachys silvatica		hedge stachys
Tradescantia fluminensis		wandering willie
Viburnum sp.		viburnum
Vicia sp.		vetch

Plus an un-named, succulent garden plant with yellow flowers.

**LIST 3, INDIGENOUS BIRDS**

pipiwharauoa	shining cuckoo
piwaiwaka	fantail
poopookatea	whitehead
riroriro	greywarbler
tauhou	waxeye
tuuii	tui

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**NOTES**

The site is a well-drained alluvial terrace, with a riser on the south side. A "teepee" has been constructed from a considerable amount of cut kawakawa, near the southeastern corner.

- # A representative, coastal forest community: kohekohe to 25m; wharangi and titoki to 18m;
- # A significant feature: 4 large-leaved milk trees: 18m, 16m, 9m, and 4m, and ca. 12 saplings; the 4m tree is in fruit;
- # Most tiers between shrubs and canopy are missing;
- # Abundant kohekohe and karaka seedlings;
- # Threats: exotic spp. planted in accessway from Ngarara Road, and from Plectranthus on the western side;
- # East end of southern boundary needs fencing;
- # Rectangular pit, 3.5m x 2m, in eastern part of remnant;
- # Garden waste has been thrown on the southern and western sides.