

LIST 1: SOME INDIGENOUS PLANTS OF "NGA MANU" KCDC RESERVE AND KEY NATIVE ECOSYSTEM, BETWEEN NOS 12 AND 24 MANU GROVE, WAIKANAЕ, CENTRED ON NZMS 260 MAP R26 PARAPARAUMU, GR 838358; LIST COMPILED BY B J MITCALFE AND J C HORNE ON 20-10-2000 DURING A 3 HOUR RECONNAISSANCE. NOTE: All measurements estimated; (P) = planted.

BOTANICAL NAME	MAAORI NAME	COMMON NAME
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GYMNOSPERM TREES

Dacrycarpus dacrydioides	kahikatea	kahikatea
Prumnopitys taxifolia	mataii	matai

MONOCOT TREES

Cordyline australis	tii koouka	cabbage tree
Rhopalostylis sapida	niikau	nikau

DICOT TREES/SHRUBS

Alectryon excelsus	tiitoki	titoki
Beilschmiedia tawa	tawa	tawa
Carpodetus serratus	putaputaweetaa	marbleleaf
Coprosma areolata		
Coprosma grandifolia	kaanono	kanono
Coprosma robusta	karamu	karamu
Corynocarpus laevigatus	karaka	karaka
Dysoxylum spectabile	kohekohe	kohekohe
Fuchsia excorticata	kootukutuku	tree fuchsia
Geniostoma rupestre		
var. ligustrifolium	hangehange	hangehange
Griselinia lucida	puka	broadleaf
Hedycarya arborea	porokaiwhiri	pigeonwood
Knightia excelsa	rewarewa	rewarewa
Laurelia novae-zelandiae	pukatea	pukatea
Macropiper excelsum	kawakawa	kawakawa
Melicope ternata	wharangi	wharangi
Melicytus ramiflorus	maahoe	mahoe
Myoporum laetum	ngaio	ngaio
Myrsine australis	mapou	mapou
Pennantia corymbosa	kaikoomako	kaikomako
Pittosporum crassifolium (P)	karo	karo
Pittosporum tenuifolium	kohuhu	kohuhu
Pseudopanax arboreus	whauwhaupaku	five-finger
Pseudopanax crassifolius	horoeka	lancewood
Pseudopanax (hybrid)		
Schefflera digitata	patee	seven-finger
Syzygium maire	maire tawake	swamp maire
Vitex lucens (P)	puuriri	puriri
Weinmannia racemosa	kaamahi	kamahi

MONOCOT LIANES

<i>Freycinetia baueriana</i>	kiekie	kiekie
<i>ssp. banksii</i>		
<i>Ripogon scandens</i>	kareao	supplejack

DICOT LIANES

<i>Calystegia tuguriorum</i>	poowhiwhi	climbing convolvulus
<i>Metrosideros fulgens</i>	akakura	scarlet rata
<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 bulbiferum</i>	manamana	hen & chickens
<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>Blechnum chambersii</i>	nini	lance fern
<i>Blechnum filiforme</i>	paanako	thread fern
<i>Blechnum novae-zelandiae</i>	kiokio	kiokio
<i>Cyathea dealbata</i>	ponga	ponga
<i>Cyathea medullaris</i>	mamaku	mamaku
<i>Cyathea smithii</i>	kaatote	soft tree fern
<i>Dicksonia squarrosa</i>	whekii	wheki
<i>Histiopteris incisa</i>	maataa	water fern
<i>Lastreopsis glabella</i>		
<i>Microsorium pustulatum</i>	koowaowao	hound's tongue
<i>Microsorium scandens</i>	mokimoki	climbing hound's tongue
<i>Pneumatopteris pennigera</i>	paakau	gully fern
<i>Polystichum richardii</i>	pikopiko	shield fern
<i>Pteridium esculentum</i>	raarahu	bracken
<i>Pteris macilenta</i>	titipo	brake
<i>Pteris tremula</i>	turawera	shaking brake
<i>Pyrrosia eleagnifolia</i>	ota	leatherleaf fern
<i>Tmesipteris elongata</i>		fork fern
<i>Trichomanes venosum</i>	veined bristle fern	

ORCHIDS

<i>Pterostylis banksii</i>	tutukiwi	greenhood
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GRASSES

<i>Oplismenus imbecillus</i>		
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SEDGES

<i>Carex sp. (secta ?)</i>	puurei	
<i>Gahnia xanthocarpa</i>	tupari maunga	gahnia
<i>Uncinia uncinata</i>	matau a Maau	hooked sedge

MONOCOT HERBS OTHER THAN ORCHIDS, GRASSES, SEDGES

Astelia solandri	koowharawhara	perching astelia
Collospermum hastatum	kahakaha	
Lemna minor	kaarearea	common duck weed

LIST 2: SOME ADVENTIVE PLANTS

Agapanthus praecox	African lily
Allium triquetrum	onion weed
Asparagus scandens	climbing asparagus
Bellis sp.	lawn daisy
Crocasmia Xcrocsmiiflora	Montbretia
Cytisus scoparius	broom
Dahlia coccinea	dahlia
Ehrharta erecta	veld grass
Fragelia vesca	wild strawberry
Galium aparine	cleavers
Hedera helix	ivy
Jasminum sp.	jasmine
Myosotis sylvatica	garden forget-me-not
Prunus campanulata	Taiwan cherry
Ranunculus repens	creeping buttercup
Rumex obtusifolius	dock
Solanum (? chenopodioides)	velvety nightshade

Plus an un-named, giant, arum-like lily in the wetland.

LIST 3: INDIGENOUS BIRDS

kereruu	NZ pigeon
kootare	kingfisher
piwaiwaka	fantail
riroriro	greywarbler
tauhou	waxeye
tuuii	tui

NOTES:

Terrace and riser, contiguous with wetland.

Terrace Forest

- # Emergent matai to 20+ m, near Manu Grove;
- # Substantial kohekohe to 20+ m;
- # Abundant seedling kohekohe, sapling karamu
- # Threats include climbing asparagus, Taiwan cherry, puriri saplings and seedlings;

- # Dumping of rubbish,
- # One bait station seen

Swamp Forest

- # Pukatea-dominant, and in places pukatea-swamp maire co-dominant; nikau and kanono common in understorey;
- # Large pukatea common, and seedlings abundant;
- # Abundant kiekie;
- # Numerous swamp maire, to 18m;
- # Kahikatea uncommon: one pole kahikatea seen;
- # Patches of abundant supplejack and wheki;
- # Patches of *Lemna minor*;
- # Clear, slow-flowing water;
- # Native fish habitat?
- # Threats include climbing asparagus, large, introduced lily ca. 1.5m, and on margins, jasmine;
- # One bait station seen.