

LIST 1: SOME INDIGENOUS VASCULAR PLANTS OF TOUP'S BUSH RESERVE, (KAREHANA BUSH), KAREHANA BAY, PORIRUA, CENTRED ON NZMS 260 SHEET R26 PARAPARAUMU, G.R. 665134. LIST COMPILED ON 13/7/1997 IN 1 HOUR BY B.J.MITCALFE AND J.C.HORNE AND REVISED WITH R.COLLINS AND T.O'LOUGHLIN ON 5/9/1999 IN 2.5 HOURS.

BOTANICAL NAME	MAAORI NAME	COMMON NAME
GYMNOSPERM TREES		
Dacrycarpus dacrydioides	kahikatea	kahikatea
Podocarpus totara	tootara	totara
Prumnopitys ferruginea	miro	miro
DICOT TREES AND SHRUBS		
Alectryon excelsus	tiitoki	titoki
Brachyglottis repanda	rangiora	rangiora
Beilschmiedia tawa	tawa	tawa
Carmichaelia australis	maakaka	NZ broom
Carpodetus serratus	putaputaweetaa	marbleleaf
Coprosma areolata		
Coprosma grandifolia	kaanono	kanono
Coprosma lucida	karamuu	karamu
Coprosma propinqua		
Coprosma rhamnoides		
Coprosma robusta	karamu	karamu
Coprosma propinqua x C. robusta		
Corynocarpus laevigatus	karaka	karaka
Cyathodes juniperina	mingimingi	little mingimingi
Dysoxylum spectabile	kohekohe	kohekohe
Elaeocarpus dentatus	hiinau	hinau
Fuchsia excorticata	kootukutuku	tree fuchsia
Geniostoma rupestre var. ligustrifolium	hangehange	hangehange
Griselinia lucida	puka	broadleaf
Hedycarya arborea	porokaiwhiri	pigeonwood
Knightia excelsa	rewarewa	rewarewa
Kunzea ericoides	kaanuka	kanuka
Laurelia novae-zealandiae	pukatea	pukatea
Leptospermum scoparium	maanuka	manuka
Leucopogon fasciculatus	mingimingi	mingimingi
Lophomyrtus bullata	ramarama	ramarama
Macropiper excelsum	kawakawa	kawakawa
Melicope ternata	wharangi	wharangi
Melicytus ramiflorus	maahoe	whiteywood
Myoporum laetum	ngaio	ngaio
Myrsine australis	maapou	mapou
Olearia paniculata	akiraho	akiraho

Olearia rani	heketara	heketara
Ozothamnus leptophyllus	tauhinu	tauhinu
Pennantia corymbosa	kaikoomako	kaikomako
Pittosporum crassifolium	karo	karo
Pittosporum eugenoides	tarata	lemonwood
Pittosporum ralphii		
Pittosporum tenuifolium	kohuhu	kohuhu
Pseudopanax arboreus	whauwhaupaku	fivefinger
Pseudopanax crassifolius	horoeaka	lancewood
Pseudopanax (garden escape)		

MONOCOT LIANES

Freycinetia baueriana		
ssp. banksii	kiekie	kiekie
Ripogonum scandens	kareao	supplejack

DICOT LIANES

Clematis foetida	pikiarero	clematis
Clematis paniculata	puawaananga	clematis
Metrosideros diffusa	aka	white climbing rata
Metrosideros fulgens	aka kura	scarlet rata
Metrosideros perforata	aka tea	clinging rata
Muehlenbeckia complexa	pohuehue	pohuehue
Parsonsia heterophylla	kaihua	parsonsia
Rubus cissoides	taataraamoia	bush lawyer

FERNS

Adiantum cunninghamii	huruhuru tapairu	maiden hair
Arthropteris tenella		jointed fern
Asplenium bulbiferum	manamana	hen and chickens
Asplenium flaccidum	makawe o Raukatauri	hanging spleenwort
Asplenium oblongifolium	huruhuruwhenua	shining spleenwort
Asplenium polyodon	petako	sickle spleenwort
Blechnum chambersii	nini	lance fern
Blechnum filiforme	paanako	thread fern
Blechnum membranaceum		
Blechnum minus	kiokio	swamp kiokio
Cyathea dealbata	ponga	silver fern
Cyathea medullaris	mamaku	black tree fern
Hymenophyllum demissum	mauku	filmy fern
Lastreopsis glabella		
Lastreopsis hispida		
Lastreopsis microsora		
Lastreopsis velutina		velvet fern
Leptopteris hymenophylloides	heruheru	single crepe fern
Microsorium pustulatum	koowaowao	hound's tongue
Microsorium scandens	mokimoki	fragrant fern
Polystichum richardii	pikopiko	shield fern

<i>Pneumatopteris pennigera</i>	paakau	gully 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	leather-leaf fern

ORCHIDS

<i>Pterostylis alobula</i>	tutukiwi	greenhood
<i>Pterostylis banksii</i>	"	"
<i>Thelymitra</i> sp.	maaikuku	sun orchid

GRASSES

<i>Cortaderia toetoe</i>	toetoe	toetoe
<i>Microlaena avenacea</i>		bush rice grass
<i>Poa anceps</i>		broad-leaved poa

SEDGES

<i>Carex flagellifera</i>		Glen Murray tussock
<i>Carex</i> sp. (leaves 5mm wide)		
<i>Gahnia</i> sp.	maapere	
<i>Uncinia gracilentata</i>		
<i>Uncinia uncinata</i>	matau a Maau	hooked sedge
<i>Uncinia</i> sp.		

MONOCOT HERBS

<i>Astelia fragrans</i>	kakaha	astelia
<i>Dianella nigra</i>	tuurutu	blueberry
<i>Libertia grandiflora</i>	miikoikoi	iris
<i>Phormium cookianum</i>	wharariki	coastal flax
<i>Phormium</i> (cultivar)		

DICOT HERBS

<i>Centella uniflora</i>		centella
<i>Dichondra repens</i>		Mercury Bay weed
<i>Hydrocotyle moschata</i>		
<i>Senecio minimus</i>		fireweed
<i>Stellaria decipiens</i>	kohukohu	chickweed
<i>Wahlenbergia</i> sp.	rimuroa	NZ harebell

LIST 2: WEED SPECIES

<i>Allium triquetrum</i>		onionweed
<i>Asparagus scandens</i>		climbing asparagus
<i>Berberis darwinii</i>		Darwin's barberry
<i>Chrysanthemoides monilifera</i>		boneseed
<i>Cirsium vulgare</i>		Scotch thistle
<i>Cotoneaster glaucophyllus</i>		cotoneaster
<i>Crocasmia Xcrocsmiiflora</i>		montbretia
<i>Cupressus macrocarpa</i>		macrocarpa

Cytisus scoparius		broom
Ehrharta erecta		veld grass
Eleagnus Xreflexa		eleagnus
Erica lusitanica		Spanish heath
Erica sp.		heath
Erigeron karvinskianus		Mexican daisy
Galium propinquum	maawe	cleavers
Geranium robertianum		herb Robert
Lonicera japonica		Japanese
honeysuckle		
Paraserianthes lophanta		brush wattle
Passiflora mollissima		banana passionfruit
Salix Xreichardtii		pussy willow
Senecio jacobaea		ragwort
Teline monspessulana		Montpellier broom
Tradescantia fluminensis		wandering willie
Ulex europaeus		gorse

LIST 3: BIRDS

Indigenous

piwakawaka	fantail
riroiro	grey warbler
tauhou	waxeye

Introduced

goldfinch

Note: *Clematis vitalba* (old man's beard) was reported in Karehana Bay Forest and Recreational Reserve (Toup's Bush) in "Biological Resources of the Wellington Region", 1984.

NOTE:

1. "BIOLOGICAL RESOURCES OF THE WELLINGTON REGION", SCHEDULE C: *SITES REQUIRING PROTECTION: OTHER SIGNIFICANT SITES*, (BIOLOGICAL RESOURCES CENTRE, NOV. 1984,) LISTS THE IMPORTANCE OF TOUPS BUSH, IDENTIFIED AS SITE 2C.

2. *IT SHOULD BE NOTED THAT PARTICULAR MENTION IS MADE OF THE "SURROUNDING SCRUB PATCHES" WHICH "...ACT AS ECOLOGICAL BUFFERS."*

THESE SCRUB PATCHES ARE THE VERY AREAS WHICH ARE UNDER CONSIDERATION FOR HOUSING DEVELOPMENT. IT IS CLEAR THAT THEY SHOULD REMAIN AS A BUFFER TO PROTECT THE SIGNIFICANT LOCAL AND REGIONAL NATURAL VALUES WHICH TOUPS BUSH CONTAINS.

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Appendix to submission by Mana Branch, Royal Forest and Bird Protection Society, to Porirua City Council, Friday 18 July 1997.