



# KOTUKUTUKU, ngiru-ngiru, crest & shoulder ecosystem

\* = to establish, protect from frost; t = toxic for toddlers  
 kotukutuku = tree fuchsia; ngiru-ngiru = yellow breasted tit, tomtit

**Food:** for native birds,  
 F = Fruit  
 S = Bird Seed  
 N = Nectar  
 B = Bud/foilage  
 I = Insects  
 For lizards, L = fruit

**Plant tolerances**  
 ■ = tolerates or needs  
 □ = intolerant  
 ½ = tolerant of some

**PLANT LISTS** Plants natural to these high, moist but well-drained, gently sloping, **Summit** soils on loess

			Tolerances					
			Food	sun	shade	wet	dry	wind
<b>TALL TREES</b>								
<i>Podocarpus hallii</i>	mountain totara		F,B,I	■ ½	■	■	■	■
<i>Prumnopitys taxifolia</i>	matai, black pine		F	■ ½	■	½	■	■
<b>TREES &amp; TALL SHRUBS</b>								
<i>Carpodetus serratus</i>	putaputaweta, marbleleaf		F,I	½	■	½	½	□
<i>Coprosma lucida</i>	shining karamu		F	½	■	½	½	■
<i>Coprosma robusta</i>	karamu		F	■	■	■	½	½
<i>Cordyline australis</i>	ti kouka, cabbage tree		F,N,I	■	½	■	■	■
<i>Griselinia littoralis</i>	kapuka, broadleaf		F,I	■	■	½	■	■
<i>Hoheria angustifolia</i>	houhere, narrow-leaved lacebark (semi-dec)	I		■	½	½	■	■
<i>Kunzea ericoides</i>	kanuka		I	■	□	□	■	■
<i>Leptospermum scoparium</i>	manuka, tea tree		N,I	■	■	■	■	■
<i>Lophomyrtus obcordata</i>	rohutu, NZ myrtle		F,I	½	■	½	½	■
<i>Melicope simplex</i>	poataniwha		F,I	½	■	½	½	■
<i>Myoporum laetum</i>	ngaio*		F,I	■	½	□	■	■ t
<i>Myrsine australis</i>	mapou, red matipo		F,I	■	■	■	■	■
<i>Olearia paniculata</i>	akiraho, golden akeake		I,S	■	½	□	■	■
<i>Pennantia corymbosa</i>	kaikomako, ducksfeet (slow growing)		F,N,I	½	■	■	½	½
<i>Pittosporum eugenioides</i>	tarata, lemonwood		F	■	■	■	■	■
<i>Pittosporum tenuifolium</i>	kohuhu, black matipo/mapau, tawhari		F,I	■	■	½	■	■
<i>Plagianthus regius</i>	manatu, lowland ribbonwood (deciduous)		I,B	■	½	½	½	■
<i>Pseudopanax arboreus</i>	whauwhaupaku, five finger		F,N,I	■	■	□	½	½
<i>Pseudopanax crassifolius</i>	horoeka, lancewood		F,N,B,I	■	½	½	■	■
<i>Sophora microphylla</i>	South Island kowhai		N,B	■	½	½	■	■ t
<b>SHRUBS, FLAX-LIKE PLANTS &amp; SCRAMBLERS</b>								
<i>Coprosma crassifolia</i>	thick-leaved mikimiki		F,L	■	½	½	■	■
<i>Coprosma propinqua</i>	mikimiki, mingimingi		F,L	■	½	■	■	■
<i>Coprosma aff. parviflora</i> (sp. t.)	mikimiki		F,I,L	■	■	■	■	■
<i>Coprosma virescens</i>	pale green coprosma		F,L	■	½	½	■	■
<i>Coprosma wallii</i>	mikimiki		F	■	½	½	½	■
<i>Hebe salicifolia</i>	koromiko		I	■	□	□	½	■
<i>Hebe strictissima</i>	a Banks Peninsula koromiko			■			½	■
<i>Helichrysum lanceolatum</i>	niniao		I	■	½	□	■	■
<i>Leucopogon fasciculatus</i>	mingimingi		F,I	½	½	□	½	½
<i>Melicytus alpinus</i>	porcupine shrub		F,L,I	■	□	□	■	■
<i>Muehlenbeckia complexa</i>	scrambling pohuehue		F,L,I	■	□	□	■	■

## Tolerances

		Food	sun	shade	wet	dry	wind
<i>Myrsine divaricata</i>	weeping mapou	F,L,I	½	½	■	½	■
<i>Parsonsia</i> spp.	NZ jasmine	I	■	■	½	½	■
<i>Phormium tenax</i>	harakeke, NZ flax	N,L	■	□	■	■	■
<i>Rubus schmidelioides</i>	tataramoa, narrow-leaved lawyer	F,I	■	½	½	■	■
<b>GROUNDCOVERS</b>							
<i>Aciphylla subflabellata</i>	fine speargrass, taramea	F,I	■	½	■	■	
<i>Anemanthele lessoniana</i>	hunangamoho, bamboo/wind grass	S	■	■	□	½	■
<i>Astelia fragrans</i>	kakaha, bush flax	F,I	■	■	½	½	■
<i>Bulbinella angustifolia</i>	maori onion, bog lily		■	■			■
<i>Carex forsteri</i> ; <i>C solandri</i>	forest sedges (only in shaded sites)	S	■	■	½	½	■
<i>Festuca novae-zelandiae</i>	fescue/hard tussock	F	■		½	■	■
<i>Hierochloa redolens</i>	karetu, holy grass		■	■	½	■	
<i>Libertia ixioides</i>	mikoikoi, NZ iris	F,I	■	■	□	■	■
<i>Poa cita</i>	silver tussock, wiwi	F	■		■	■	■
<i>Poa colensoi</i>	blue tussock	F	■		■	■	■
<i>Pteridium esculentum</i>	rahurahu, bracken fern		■	½	½	■	■
<i>Ranunculus reflexus</i>	a native buttercup	S,I	□	■	□	½	□
<i>Rytidosperma</i> spp.	danthonia bunch grasses		■			■	■
<i>Uncinia uncinata</i>	watau/kamu, hooked sedge	S	½	■	½	½	½

## ADDITIONAL PLANTS FOR SHELTERED SITES & DEEPER SOILS: TREES & TALL SHRUBS

<i>Coprosma rotundifolia</i>	round-leaved coprosma	F,I	½	■	■	½	½
<i>Fuchsia excorticata</i>	kotukutuku, tree fuchsia (deciduous)	F,N,B,I	½	■	■		
<i>Hedycarya arborea</i>	porokaiwhiri, pigeonwood*	F,I	½	■	½	□	□
<i>Melicytus ramiflorus</i>	mahoe, whiteywood*	F,L,I	½	■	½	½	½

## SHRUBS

<i>Coprosma areolata</i>	net-leaved coprosma	F,B	½	■	■	½	□
<i>Coprosma rhamnoides</i>	red-fruited mikimiki*	F,L	□	■	½	½	½
<i>Coprosma rubra</i>	red-stemmed coprosma	F,L	■	½	½	½	■
<i>Pseudopanax anomalus</i>	shrub pseudopanax	F,N	½	■	½	□	½

## TREE & GROUND FERNS

<i>Asplenium bulbiferum</i>	manamana, hen and chicken fern	B	■	■			
<i>Blechnum penna-marina</i>	kiokio, little hard fern		■	■	½	■	½
<i>Cyathea smithii</i>	katote, soft tree fern*		½	■	½	□	□
<i>Dicksonia fibrosa</i>	kuripaka, wheki ponga - tree fern*		½	■	■	□	□
<i>Dicksonia squarrosa</i>	wheki, rough tree fern		½	■	½	½	□
<i>Pellaea rotundifolia</i>	tarawera, button fern		½	■	□	■	□
<i>Microsorium pustulatus</i> ( <i>Phymatosorus</i> )	maratata, hound's tongue fern		½	■	□	■	□
<i>Polystichum richardii</i>	pikopiko/tutoke, shield fern		½	■	□	■	□