



# Dry Plains: HOUHERE – piwakawaka - kōhūhū, mid age plains system

**PLANT LISTS** Selected from vegetation natural to these moist & deep Waimakariri soils

### Plant Tolerances:

- = tolerates or needs
- = intolerant
- ½ = tolerant of some
- \* = to establish, protect from frost
- t = toxic for toddlers

### Staging:

- 1 = 1st structural
- 2 = 2nd year
- 3 = only after canopy closure

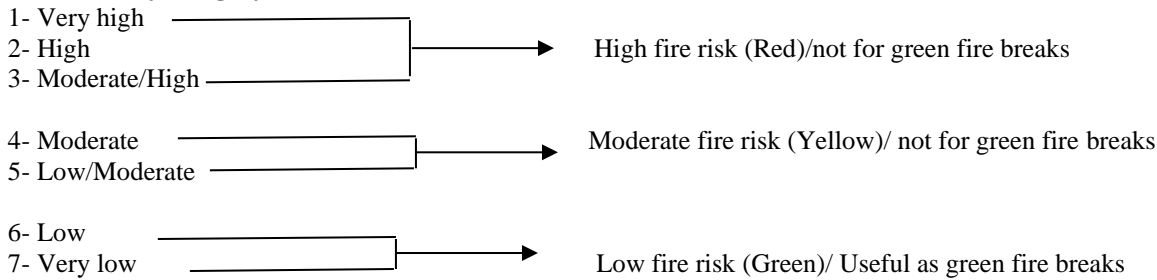
### Food for native birds:

- F = Fruit
- S = Bird Seed
- N = Nectar
- B = Bud/foilage
- I = Insects
- For lizards: L = fruit

### Plants keyed to landform units, as shown in diagram:

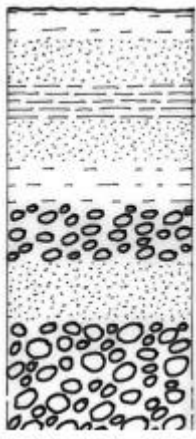
\* = to establish, protect from frost; t = toxic for toddlers

### Flammability category



		Fire risk	Food	Tolerances					Stages
				sun	shade	wet	dry	wind	
<b>TALL (NOBLE) TREES (&gt; 10 m)</b>									
<i>Cordyline australis</i>	tī kōuka, cabbage tree	M	F,N,I	■	½	■	■	■	1
<i>Hoheria angustifolia</i>	houhere, narrow-leaved lacebark (semi-decid)	M	I	■	½	½	■	■	1
<i>Kunzea robusta</i>	kānuka	H	I	■	□	□	■	■	1
<i>Pittosporum eugenioides</i>	tarata, lemonwood	M	F	■	■	½	■	½	1
<i>Plagianthus regius</i>	mānatu, lowland ribbonwood (deciduous)	L	F,I	■	½	½	½	■	1
<i>Podocarpus totara</i>	tōtara	H	F	■	½	½	■	■	2
<i>Prumnopitys taxifolia</i>	mataī, black pine	M	F	■	½	■	½	■	2
<i>Pseudopanax crassifolius</i>	lancewood, horoeka	L	F,N,B,I	■	½	½	■	■	2
<i>Sophora microphylla</i>	South Island kōwhai	L	F,I	■	½	½	■	■t	2
<b>SMALL TREES &amp; TALL SHRUBS (&gt; 3 m)</b>									
<i>Carpodetus serratus</i>	putaputaweta, marbleleaf	L	F,I	½	■	■	½	□	2
<i>Coprosma linariifolia</i>	linear-leaved coprosma, yellow-wood		F	½	■	½	½	½	2
<i>Coprosma robusta</i>	karamū	M	F	■	■	■	½	½	1
<i>Dodonaea viscosa</i>	akeake	M	I	■	½	□	■	■	1-2*
<i>Griselinia littoralis</i>	kāpuka also known as pāpāuma, broadleaf	L	F,I	■	■	½	■	■	2
<i>Leptospermum scoparium</i>	mānuka, tea tree	H	I	■	□	■	■	■	1
<i>Lophomyrtus obcordata</i>	rōhutu, NZ myrtle		F,I	½	■	½	½	½	2
<i>Melicytus micranthus</i>	manakura, shrubby māhoe		F,I	½	■	½	½	□	3
<i>Melicytus ramiflorus</i>	māhoe, whiteywood	L	F,L,I	½	■	½	½	½	3*
<i>Myoporum laetum</i>	ngaio	L	F,I	■	½	□	■	■t	3*
<i>Myrsine australis</i>	mapau, red mapau	L	F,L,I	■	■	½	½	½	3*
<i>Olearia paniculata</i>	akiraho, golden akeake	H	I, S	■	½	□	■	■	1
<i>Pennantia corymbosa</i>	kaikōmako, ducksfeet	L	F,N,I	½	■	■	½	½	2
<i>Pittosporum tenuifolium</i>	kōhūhū, black matipo/mapau,	M	F,I	■	■	½	■	■	1

<i>Pseudopanax arboreus</i>	tawhari fivefinger, whauwhaupaku	L	F,N,I	■	■	□	½	½	2	
<b>CLIMBERS &amp; VINES</b>										
<i>Clematis forsteri</i>	yellow clematis		I	½	■	□	½	½	3	
<i>Parsonsia capsularis</i>	kaiwhiria, NZ jasmine		I	■	■	½	½	■	3	
<i>Parsonsia heterophylla</i>	kaiwhiria, NZ jasmine		I	■	■	½	■	■	3	
<i>Rubus schmidelioides</i>	taramoa, narrow-leaved lawyer		F,I	■	½	½	■	■	2	
<b>SHRUBS &amp; SCRAMBLERS</b>										
<i>Calystegia tuguriorum</i>	powhiwhi, NZ bindweed		I	■	½	□	■	■	2	
<i>Coprosma crassifolia</i>	thick-leaved mikimiki	M	F,L	■	½	½	■	■	1	
<i>Coprosma propinqua</i>	mikimiki, mingimingi	L	F,L	■	½	■	■	■	1	
<i>Coprosma rubra</i>	red-stemmed coprosma		F,L	■	½	½	½	■	1	
<i>Coprosma virescens</i>	pale green coprosma		F,L	■	½	½	■	■	1	
<i>Veronica salicifolia</i>	koromiko		I	■	□	□	½	■	1	
<i>Helichrysum lanceolatum</i>	niniao		I	■	½	□	■	■	2	
<i>Leptecophylla juniperina</i>	prickly mingimingi		F,I	½	■	□	■	■	2	
<i>Leucopogon fasciculatus</i>	dwarf mingimingi	M	F,I	½	½	□	½	½	2	
<i>Melicope simplex</i>	poataniwha		F,I	½	■	½	½	■	3	
<i>Muehlenbeckia astonii</i>	shrub pohuehue		F,L,I	■	□	□	■	■	1	
<i>Muehlenbeckia complexa</i>	scrambling pohuehue		F,L,I	■	□	□	■	■	1	
<i>Myrsine divaricata</i>			weeping māpou	F,L,I	½	½	■	½	■	2
<i>Rubus squarrosus</i>	leafless lawyer		F,L,I	■	½	□	■	■	2	
<i>Teucrium parvifolium</i>	NZ shrub verbena		I	■	½	□	½	■	2	
<b>PERCHING PLANTS &amp; PARTIAL PARASITES</b>										
<i>Ileostylus micranthus</i>	NZ mistletoe		F,N,B	■	□	□	□	■	3	
<i>Korthalsella lindsayi</i>	dwarf mistletoe		I	■	□	□	□	■	3	
<i>Pyrrosia elaeagnifolia</i>	leather-leaf fern			■	■	□	■	■	3	
<b>GROUNDCOVER HERBS &amp; 'GRASSES'</b>										
<i>Acaena novae-zelandiae</i>	bidibidi, pipiriri		S,I	■	□	□	■	■	2	
<i>Dianella nigra</i>	tūrutu, blue berry		F,I	■	■	□	■	■	2	
<i>Dichondra repens</i>	dichondra			■	■	□	■	■		
<i>Hypnum cupressiforme</i>	moss			½	■	½	■	■	3	
<i>Juncus distegus</i>	wīwī, tussock rush		S	■	□	■	½	■	1	
<i>Leucopogon fraseri</i>	patotōtara, a dwarf heath	M	F,L,I	■	½	□	■	■	2	
<i>Libertia ixioides</i>	mīkoikoi, NZ iris		F,I	■	■	□	■	■	3	
<i>Microlaena polynoda</i>	a rice grass		S	½	■	½	½	■	3	
<i>Microlaena stipoides</i>	meadow rice grass		S	■	■	½	■	■	3	
<i>Parietaria debilis</i>	NZ pellitory		I	½	■	□	½	½	3	
<i>Stellaria parviflora</i>	NZ stitchwort		S,I	□	■	□	■	□	3	
<i>Thuidium sparsum</i>	moss			■	■	□	■	■	3	
<i>Urtica incisa</i>	dwarf nettle		I	½	■	□	½	□	3	
<b>GROUND FERNS</b>										
<i>Asplenium flabellifolium</i>	necklace fern		B	½	■	□	■	□	3*	
<i>Asplenium terrestre</i>	ground spleenwort		B	½	■	□	■	□	3*	
<i>Austroblechnum penna-marina</i>	kiokio, little hard fern	L		■	■	½	■	½	3	
<i>Hypolepis ambigua</i>	rough pig fern			½	■	■	½	½	3	
<i>Pellaea rotundifolia</i>	tarawera, button fern			½	■	□	■	□	3	
<i>Microsorium pustulatus</i>	maratata, hounds tongue fern			½	■	□	■	□	2	
<i>Polystichum zelandica/richardii</i>	pikopiko/tutoke, shield fern			½	■	□	■	□	2	
<i>Pteridium esculentum</i>	rahurahu, bracken fern	M		■	½	½	■	■	1	



**Underlayers:** Alternating silt & sand (minor clay) on greywacke river stones (2-100mm rounded) on sand on more stones