

INLAND & LOWLAND SOUTH MARLBOROUGH

TREES 5-20m+

	COMMON NAME	FROST TENDRNESS	SUNLIGHT PREFERENCES	MOISTURE PREFERENCES	BIRD FOOD	ZONE A: INLAND ECOLOGICAL DISTRICTS	ZONE B: LOWLAND ECOLOGICAL DISTRICTS	COMMENTS
<i>Alectryon excelsus</i>	Titoki	**	☉	☉	Fr	3	4,5,6,7,8	Sheltered moist site
<i>Aristotelia serrata</i>	Makomako, wineberry	*	☉	☉	Fr	2,3	1,4,5,6,7,8	
<i>Carpodetus serratus</i>	Putaputaweta, marbleleaf		☉	Fr	Fr	2,3	1,4,5,6,7,8	
<i>Cordyline australis</i>	Cabbage tree		☉	☉☉	Fr, Fr	2,3	1,4,5,6,7,8,9	
<i>Cyathea dealbata</i>	Ponga, silver fern	*	☉	☉		2,3	1,4,5,6,7,8	Sheltered moist site
<i>Cyathea smithii</i>	Soft tree fern	**	☉	☉		2	1,5,6,7,8	Sheltered moist site
<i>Dacrycarpus dacrydioides</i>	Kahikatea		☉	☉☉			1,4,6,7,8	
<i>Dacrydium cupressinum</i>	Rimu		☉	☉	Fr		6,8	Cool root run, shelter when young
<i>Griselinia littoralis</i>	Broadleaf		☉	☉☉	Fr	2,3	1,4,5,6,7,8	Free draining soil
<i>Hoheria angustifolia</i>	Narrow-leaved lacebark		☉	☉☉	Fr, L	2,3	1,4,5,6,7,8	
<i>Kunzea ericoides</i>	Kanuka		☉	☉☉	N	2,3	1,4,5,6,7,8	Free draining soil
<i>Laurelia novae-zelandiae</i>	Pukatea	*	☉	☉☉	N	2,3	6,8	Cool root run, shelter when young
<i>Leptospermum scoparium</i>	Manuka	*	☉	☉☉	N	2,3	1,4,5,6,7,8	
<i>Meliclytus ramiflorus</i>	Mahoe	*	☉	☉	Fr	2,3	1,4,5,6,7,8	
<i>Metrosideros umbellata</i>	Southern rata	*	☉	☉	N		6,8	
<i>Myoporum laetum</i>	Ngaio	**	☉	☉☉	Fr		1,4,5,6,7,8	
<i>Myrsine australis</i>	Mapou, red matipo		☉	☉☉	Fr	2,3	1,4,5,6,7,8	

<i>Nothofagus fusca</i>	Red beech	☉	Fr,H	2	1,5,6,8	Cool root run, prefers shelter
<i>Nothofagus solandri</i>	Black beech	☉	Fr,H	2,3	1,4,5,6,7,8	Cool root run, prefers shelter
<i>Olearia paniculata</i>	Akiraho	☉☉		2,3	1,4,5,6,7,8	Free draining soil
<i>Pennantia corymbosa</i>	Kaikomako	☉	Fr	2,3	1,4,5,6,7,8	
<i>Pittosporum eugenioides</i>	Lemonwood	☉		2,3	1,4,5,6,7,8	
<i>Pittosporum tenuifolium</i>	Kohuhu, black matipo	☉☉		2,3	1,4,5,6,7,8	
<i>Plagianthus regius</i>	Lowland ribbonwood	☉☉		2,3	1,4,5,6,7,8	
<i>Podocarpus hallii</i>	Halls totara*	☉☉	Fr		1,4,5,6,8	*Montane/inland-upland
<i>Podocarpus totara</i>	Totara	☉☉	Fr	2,3	1,4,5,6,7,8	Lowland
<i>Prumnopitys ferruginea</i>	Miro	☉	Fr		6,7,8	Prefers shelter
<i>Prumnopitys taxifolia</i>	Matai	☉		2,3	1,4,5,6,7,8	Prefers shelter
<i>Pseudopanax arboreus</i>	Five finger	☉	Fr	2,3	1,4,5,6,7,8	
<i>Pseudopanax crassifolius</i>	Lancewood	☉☉	Fr	2,3	1,4,5,6,7,8	
<i>Sophora microphylla</i>	Kowhai	☉☉	NL	2,3	1,4,5,6,7,8	
SMALL TREES 2-5m						
<i>Aristotelia fruticosa</i>		☉☉	Fr	2,3	1,7,8	
<i>Carmichaelia carmichaeliae</i> #	Pink tree broom (north)	☉		2	5,6	Free draining soil
<i>Carmichaelia glabrescens</i>	Pink tree broom (south)	☉☉		3	4,7,8	Free draining soil
<i>Carmichaelia stevensonii</i> #	Weeping tree broom	☉		2	8	Free draining soil
<i>Coprosma crassifolia</i>		☉☉	Fr	2,3	1,4,5,6,7,8	Free draining soil
<i>Coprosma lucida</i>	Shining karamu	☉☉	Fr	2,3	1,4,5,6,7,8	Likes shade to establish
<i>Coprosma propinqua</i>		☉☉☉	Fr	2,3	1,4,5,6,7,8	Free draining soil
<i>Coprosma rhamnoides</i>		☉☉	Fr	2,3	1,4,5,6,7,8	Free draining soil
<i>Coprosma robusta</i>	Karamu	☉☉	Fr	2,3	1,4,5,6,7,8	
<i>Coprosma virescens</i>		☉☉	Fr		8	
<i>Dicksonia squarrosa</i>	Wheki	☉		2,3	1,4,5,6,7,8	Sheltered moist site
<i>Discaria toumatou</i>	Matagouri	☉☉	N,Fr	2,3	1,4,5,6,7	Free draining soil
<i>Dodonaea viscosa</i>	Akeake	☉☉			4,5,6,7,8	Frost tender when young
<i>Fuchsia excorticata</i>	Fuchsia	☉☉	N,Fr,L		1,4,5,7	Likes shelter to establish
<i>Hebe parviflora</i>	Tree hebe	☉☉			4,5,6,7	

INLAND & LOWLAND SOUTH MARLBOROUGH	COMMON NAME						FROST TENDERNESS	SUNLIGHT PREFERENCES	MOISTURE PREFERENCES	BIRD FOOD	ZONE A; INLAND ECOLOGICAL DISTRICTS	ZONE B; LOWLAND ECOLOGICAL DISTRICTS	COMMENTS
SMALL TREES 2-5m CONT.	<i>Lophomyrtus obcordata</i>					*	⊖	♻	Fr	2,3	1,4,5,6,8		
	<i>Melicope simplex</i>					*	⊖	♻	Fr	2,3	1,4,6,8		
	<i>Myrsine divaricata</i>						⊖	♻♻		2	1,5,6,8	Free draining soil	
	<i>Olearia avicenniifolia</i>						○	♻♻		2	1,5,6,7	Free draining soil	
	<i>Olearia solandri</i>						○	♻♻		2,3	4,5,6,7,8	Free draining soil	
	<i>Pseudopanax ferox</i> #						⊖	♻♻	Fr	2,3	1,4,5,6,7,8	Free draining soil	
	<i>Solanum aviculare</i>						⊖	♻	Fr	3	4,5,6,7,8	Free draining soil	
	SHRUBS 1-2m												
	<i>Brachyglottis monroi</i>						○	♻♻		2,3	1,4,5,6,7,8	Free draining soil	
	<i>Brachyglottis repanda</i>						○	♻♻	Fr	2,3	4,5,6,7,8	Free draining soil	
<i>Coprosma acerosa</i>						○	♻♻	Fr	2,3	1,4,5,6,7,8	Free draining soil		
<i>Corokia cotoneaster</i>						○	♻♻	Fr	2,3	1,4,5,6,7,8	Free draining soil		
<i>Cortaderia richardii</i>						○	♻♻♻		2,3	1,4,5,6,7,8	Free draining soil		
<i>Cyathodes juniperina</i>						○	♻♻	Fr	2,3	8	Free draining soil		
<i>Fuchsia perscandens</i>						●	♻		2,3	1,4,5,6,7,8	Sheltered moist site		

<i>Hebe salicifolia</i>	Koromiko	*	○	△	2,3	1,6,7,8	Free draining soil
<i>Hebe stricta</i>	Koromiko	*	○	△	3	4,5,7	Sheltered moist site
<i>Heliohebe hulkeana</i> ssp <i>hulkeana</i>	New Zealand lilac	**	○	△	2,3	4,5,6,7,8	Free draining soil
<i>Macropiper excelsum</i>	Kawakawa		●	Fr		6,8	
<i>Melicactus "Waipapa" #</i>	Porcupine shrub		○	Fr	2,3	1,4,5,6,7,8	
<i>Muehlenbeckia astonii</i> #	Shrubby tororaro		○	Fr	2,3	1,4,5,6,7,8	
<i>Ozothamnus leptophyllus</i>	Tauhinu		○	△	2,3	4,5,6,7,8	
<i>Pachystegia insignis</i>	Marlb. rock daisy		○	△	2,3	4,5,8	
<i>Sophora prostrata</i>	Prostrate kowhai		○	△	2,3	1,4,5,8	
<i>Teucrium parvifolium</i> #			●	△			
GROUND COVERS							
<i>Astelia fragrans</i>	Bush lily	*	⊖	△	2,3	1,4,5,6,7,8	
<i>Blechnum novae-zelandiae</i>	Kiokio		⊖	△		6,8	
<i>Carex comans</i>	Sedge		⊖	△	2,3	6	
<i>Carex dipsacea</i>	Sedge		○	△	2,3	1,4,5,6,7,8	
<i>Carex dissita</i>	Sedge		⊖	△		1,6,8	
<i>Carex flagellifera</i>	Sedge		○	△	2,3	1,4,5,6,7	
<i>Carex testacea</i>	Sedge		○	△	2,3	1,4,5,6,7	
<i>Chionochoa flavescens</i>	Snow tussock		○	△		8	
<i>Dianella nigra</i>	Blueberry		⊖	△	2	1,6,7,8	Free draining soil
<i>Libertia ixioides</i>	Native iris		○	△	2,3	1,4,5,6,7,8	
<i>Phormium cookianum</i>	Wharariki		○	△	2,3	1,4,5,6,7,8	Open rocky site
<i>Phormium tenax</i>	Harakeke		○	△	2,3	1,4,5,6,7,8	
<i>Poa cita</i>	Silver tussock		○	△	2,3	1,4,5,6,7	Open rocky site
<i>Uncinia uncinata</i>	Hookgrass		●	△	2,3	1,4,5,6	
VINES							
<i>Clematis afoliata</i>	Leafless clematis		○	△		1,4,6	Forest species, hard to grow
<i>Clematis paniculata</i>	Clematis		●	△	2	1,6	Shaded roots, top sun
<i>Muehlenbeckia complexa</i>	Pohuehue, wiggly wig		○	△	2,3	1,4,5,6,7,8	Open rocky site

COASTAL SOUTH MARLBOROUGH

TREES

<i>Carmichaelia muritai</i> #	Coastal tree broom	★	★	★	★	5,7	
<i>Cordyline australis</i>	Ti kouka, cabbage tree	★	★	★	★	5,6,7,8	
<i>Corynocarpus laevigatus</i>	Karaka	★	★	★	★	6	
<i>Dodonaea viscosa</i>	Akeake	★	★	★	★	5,6,9	
<i>Griselinia lucida</i>	Puka	★	★	★	★	6	
<i>Kunzea ericoides</i>	Kanuka	★	★	★	★	5,6,7,8,	
<i>Leptospermum scoparium</i>	Manuka	★	★	★	★	5,6,7,8	
<i>Meliccytus ramiflorus</i>	Mahoe, whiteywood	★	★	★	★	5,6,7,8	Shelter from strong winds
<i>Myoporum laetum</i>	Ngaio	★	★	★	★	5,6,7,8	Fast grower
<i>Myrsine australis</i>	Mapou , red matipo	★	★	★	★	5,6,7,8	
<i>Olearia paniculata</i>	Akiraho	★	★	★	★	5,6,7,8	
<i>Olearia solandri</i>	Coastal shrub daisy	★	★			5,6,7,8	
<i>Pittosporum tenuifolium</i>	Kohuhu		★	★	★	5,6,7,8	
<i>Pseudopanax arboreus</i>	Five finger		★	★	★	5,6,7,8	
<i>Pseudopanax ferox</i> #	Fierce lancewood		★	★	★	5,6,7,8	

SHRUBS

<i>Brachyglottis repanda</i>	Rangiora	★				5,6,7,8	
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ZONE B:
LOWLAND ECOLOGICAL
DISTRICTS - COASTAL

COMMON NAME

ENVIRONMENT

COMMENTS

FORE DUNE

UPPER BEACH

SHRUBLANDS

COASTAL MARGIN/FOREST

BLUFF

Shelter from strong winds
Fast grower

<i>Carmichaelia australis</i>	Common broom	★	★	5,6,7,8	Groundcover
<i>Coprosma acerosa</i>	Sand coprosma	★	★	5,7,8	
<i>Coprosma propinqua</i>	Mingimingi	★	★	5,6,7,8	
<i>Discaria toumatou</i>	Matagouri , wild Irishman	★		8	
<i>Heliohebe hulkeana</i>	NZ lilac		★	8	Shade to establish
<i>Macropiper excelsum</i>	Kawakawa		★	5,6,7,8	
<i>Meliclytus "waipapa" #</i>	Porcupine shrub	★	★	5,6,7,8	
<i>Muehlenbeckia astonii #</i>	Shrubby tororaro	★	★	6,7,8	Vine
<i>Muehlenbeckia complexa</i>	Tauhinu	★	★	5,6,7,8	
<i>Ozothamnus leptophyllus</i>	Marlborough rock daisy		★	8	
<i>Pachystegia insignis</i>	Native daphne	★		6,7	Groundcover
<i>Pimelea prostrata</i>	Saltmarsh ribbonwood	★		5,6,7,8	
<i>Plagianthus divaricatus</i>	Coastal cushion daisy	★		6,7,8	Groundcover
<i>Raoulia "hookeri coast"</i>	Prostrate kowhai	★	★	5,6,7,8	
<i>Sophora prostrata</i>					
GRASSES/SEDGES/FLAX					
<i>Anemanthele lessoniana #</i>	Gossamer grass	★	★	9	No persistent salt winds
<i>Austrofestuca littoralis #</i>	Sand tussock	★	★	5,6,7,8	
<i>Bolboschoenus caldwellii</i>	Sedge	★	★	5,6,7,8	Estuary wetland plantings
<i>Carex flagellifera</i>	Toetoe		★	5,6,7,8	
<i>Cortaderia richardii</i>	Umbrella sedge			5,6,7,8	
<i>Cyperus ustulatus</i>	Pingao	★	★	5,6,7,8	Estuary wetland plantings
<i>Desmoschoenus spiralis #</i>	Shore spurge	★	★	5,6,7,8	
<i>Euphorbia glauca #</i>	Sea rush	★	★	7	Estuary wetland plantings
<i>Juncus maritimus</i>	Wharariki, flax		★	5,6,7,8	
<i>Phormium cookianum</i>	Harakeke, flax	★	★	5,6,7,8	
<i>Phormium tenax</i>	Silver tussock	★	★	5,6,7,8	
<i>Poa cita</i>	Spinifex	★		5,6,7,8	
<i>Spinifex sericeus</i>					

FRESHWATER WETLANDS

	COMMON NAME					ENVIRONMENT					COMMON COMMENTS	
	DEEP WATER > 50cm	SHALLOW WATER 10-50cm	WET WATER MARGINS < 10cm	WET FIRMER MARGINS	ZONE A: INLAND ECOLOGICAL DISTRICTS	ZONE B: LOWLAND ECOLOGICAL DISTRICTS						
<i>Baumea rubiginosa</i>			★	★								
<i>Blechnum minus</i>			★	★								
<i>Bolboschoenus caldwellii</i>								2,3				Full shade and moist
<i>Carex buchananii</i>				★				2,3				
<i>Carex dipsacea</i>				★				2,3				
<i>Carex maorica</i>				★				2,3				
<i>Carex secta</i>			★	★				2,3				
<i>Carex virgata</i>				★				2,3				
<i>Coprosma propinqua</i>				★				2,3				
<i>Cordylina australis</i>				★				2,3				
<i>Cortaderia richardii</i>				★				2,3				
<i>Cyperus ustulatus</i>				★				2,3				
<i>Dacrycarpus dacrydioides</i>				★				2,3				
<i>Eleocharis acuta</i>				★				2,3				
<i>Juncus gregiflorus</i>				★				2,3				
<i>Juncus pallidus</i>				★				2,3				
<i>Leptospermum scoparium</i>				★				2,3				
<i>Schoenoplectus validus</i>				★				2,3				
<i>Phormium tenax</i>				★				2,3				

THREATENED PLANT LIST

BOTANICAL NAME	COMMON NAME	THREATENED STATUS
<i>Anemathele lessoniana</i>	Gossamer grass	Sparse
<i>Austrofestuca littoralis</i>	Sand tussock	Gradual decline
<i>Carmichaelia carmichaeliae</i>	Pink broom	Nationally vulnerable
<i>Carmichaelia muratai</i>	Coastal tree broom	Nationally critical
<i>Carmichaelia stevensonii</i>	Weeping tree broom	Gradual decline
<i>Desmoschoenus spiralis</i>	Pingao	Gradual decline
<i>Euphorbia glauca</i>	Shore spurge	Serious decline
<i>Meliccytus "Vaipapa"</i>	Porcupine shrub	Gradual decline
<i>Muehlenbeckia astonii</i>	Shrubby tororaro	Nationally vulnerable
<i>Pseudopanax ferrox</i>	Fierce lancewood	Sparse
<i>Teucriidium parvifolium</i>		Gradual decline