

Sunfield

Planting Palettes

February 2025



WINTON
BEST BY DESIGN

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Introduction

Plant selection plays a key part in a successful landscape.

Native species have been chosen throughout the Sunfield development for their suitability, to connect with the planting to the stormwater reserves, to create habitat for indigenous fauna, and to ground the whole Sunfield development into the landscape. A select few exotic tree species are included for colour, form and shade.

A table of species is overleaf, identifying which trees & plants are to be used where. Each palette is further illustrated later in the document.



		Primary Road		Secondary Road		Local Road		Laneway		Reserves					
		Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Open Spaces	Native Forest	Forest Margin	Riparian	Min Grade/L	Max Spacing/m
Botanical name	Common / Maori Name														
Adiantum hispidulum	Rough maidenhair fern		●		●		●		●		●	●		2.0	1.0
Agathis australis	Kauri					▲								45	-
Alectryon excelsus	Titoki	▲								▲				45	-
Apodasmia similis	Oioi												●	0.2	0.5
Arthropodium cirratum	Rengarenga									●				2.0	0.5
Asplenium oblongifolium	Huruhuruwhenua										●	●		2.0	0.5
Asplenium obtusatum	Paranako										●	●		2.0	0.5
Astelia banksii	Kōwharawhara									●				2.0	0.8
Astelia chathamica	Kakaha									●				2.0	1.2
Beilschmiedia taraire	Taraire									▲	▲			45	-
Beilschmiedia tawa	Tawa	▲		▲						▲	▲			45	-
Blechnum minus	Swamp kiokio													2.0	0.8
Blechnum neohollandicum	Prickly rasp fern									●	●			2.0	0.5
Blechnum parisiæ	Pukupuku									●	●			2.0	0.5
Carex comans	Sedge												●	2.0	0.4
Carex flagellifera	Weeping brown sedge												●	2.0	0.3
Carex secta	Purei												●	2.0	0.3
Carex testacea	Speckled sedge									●				2.0	0.8
Carex trifida	Tataki									●				2.0	0.9
Carex virgata	Purei												●	2.0	0.3
Chionochloa flavicans	Haumata									●				2.0	1.2
Chionochloa rubra	Red tussock									●				2.0	1.2
Clematis cunninghamii	Pokopoko		●		●		●		●					2.0	0.6
Clematis paniculata	Puawananga									●				2.0	0.9
Coprosma acerosa	Tātaraheke		●		●		●		●					2.0	1.0
Coprosma 'Beatson's Gold'	Mirror bush		●		●		●		●					2.0	0.9
Coprosma 'Black Cloud'	Black cloud mirror bush		●		●		●		●					2.0	1.0
Coprosma 'Hawera'	Tātaraheke		●		●		●		●					2.0	1.0

Trees = ▲

Plants = ●

		Primary Road		Secondary Road		Local Road		Laneway		Reserves					
Trees = ▲		Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Open Spaces	Native Forest	Forest Margin	Riparian	Min Grade	Max Spacing/m
Plants = ●															
Botanical name	Common / Maori Name														
Coprosma 'Mangatangi'	Mangatangi		●		●		●		●					2.0	0.7
Coprosma propinqua	Minigmingi		●		●		●		●					2.0	1.5
Coprosma repens	Taupata		●		●		●		●					2.0	1.0
Coprosma robusta	Karamū		●		●		●		●					2.0	1.0
Coprosma 'Taiko'	Taiko		●		●		●		●					2.0	0.6
Coprosma virescens	Mingimingi		●		●		●		●					2.0	1.0
Cordyline australis	Ti kōuka							▲		▲	▲	▲		45	-
Corokia cotoneaster	Korokio		●		●		●		●	●				2.0	1.0
Corokia x virgata	Corokia		●		●		●		●					2.0	1.5
Cortaderia fulvida	Toetoe									●			●	2.0	2.0
Corynocarpus laevigatus	Karaka									▲	▲			45	-
Cyathea dealbata	Ponga										●			2.0	-
Cyathea medullaris	Mamaku											●		2.0	-
Dacrycarpus dacrydioides	Kahikatea	▲												45	-
Dianella nigra	Turutu		●		●		●		●					2.0	0.4
Dicksonia fibrosa	Whēkī ponga							▲			▲			45	-
Dysoxylum spectabile	Kohekohe										▲			45	-
Elaeocarpus dentatus	Hinau										▲			45	-
Eleocharis sphacelata	Kuta												▲	45	-
Euphorbia glauca	Waiuatua												●	2.0	0.8
Festuca coxii	Tawhai raunui		●		●		●		●					2.0	0.5
Fuscospora truncata	Hard beech									▲	▲			45	-
Griselinia littoralis	Kapuka										●	●		2.0	1.0
Hebe albicans	Hebe		●		●		●		●					2.0	0.6
Hebe diosmifolia	Aute		●		●		●		●					2.0	0.7
Hebe 'First Light'	Hebe		●		●		●		●					2.0	0.9
Hebe 'speciosa	Hebe		●		●		●		●					2.0	1.5

		Primary Road		Secondary Road		Local Road		Laneway		Reserves					
		Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Open Spaces	Native Forest	Forest Margin	Riparian	Min Grade	Max Spacing/m
Botanical name	Common / Maori Name														
Hebe stricta	Koromiko		●		●		●		●	●		●		2.0	0.5
Hebe 'Wiri Charm'	Hebe		●		●		●		●					2.0	1.5
Hebe 'Wiri Desire'	Hebe		●		●		●		●					2.0	1.0
Hebe 'Wiri Image'	Hebe		●		●		●		●					2.0	1.0
Hebe 'Wiri Mist'	Hebe		●		●		●		●					2.0	1.0
Juncus australis	Wīwī												●	2.0	0.5
Juncus edgariae	Wīwī												●	2.0	0.5
Knightia excelsa	Rewarewa										▲			45	-
Kunzea ericoides	Kānuka											●		2.0	2.0
Laurelia novae-zelandiae	Pukatea	▲		▲										45	-
Leptospermum scoparium	Mānuka		●		●		●		●					2.0	1.5
Libertia grandiflora	Tukauki		●		●		●		●	●				2.0	0.9
Libertia ixioides	Mikoikoi		●		●		●		●					2.0	0.5
Libocedrus plumosa	Kawaka	▲		▲										45	-
Melicope simplex	Poataniwha											●		2.0	2.0
Melicytus ramiflorus	Mahoe							▲						45	-
Meryta sinclairii	Pukanui									▲				45	-
Metrosideros excelsa	Pōhutukawa	▲		▲						▲				45	-
Metrosideros 'Maori Princess'	Pōhutukawa					▲		▲		▲				45	-
Muehlenbeckia astonii	Mingimingi		●		●		●		●					2.0	1.2
Muehlenbeckia axillaris	Pōhuehue		●		●		●		●					2.0	0.6
Muehlenbeckia complexa	Pōhuehue		●		●		●		●		●			2.0	0.6
Myoporum laetum	Ngaio			▲		▲								45	-
Myriophyllum propinquum	Common water millifol												●	2.0	0.1
Myrsine australis	Mapou											▲		45	-
Nestegis apetala	Marie									▲				45	-
Olearia furfuracea	Akepiro										●	●		2.0	1.5
Olearia paniculata	Akiraho										●	●		2.0	1.0

Trees = ▲

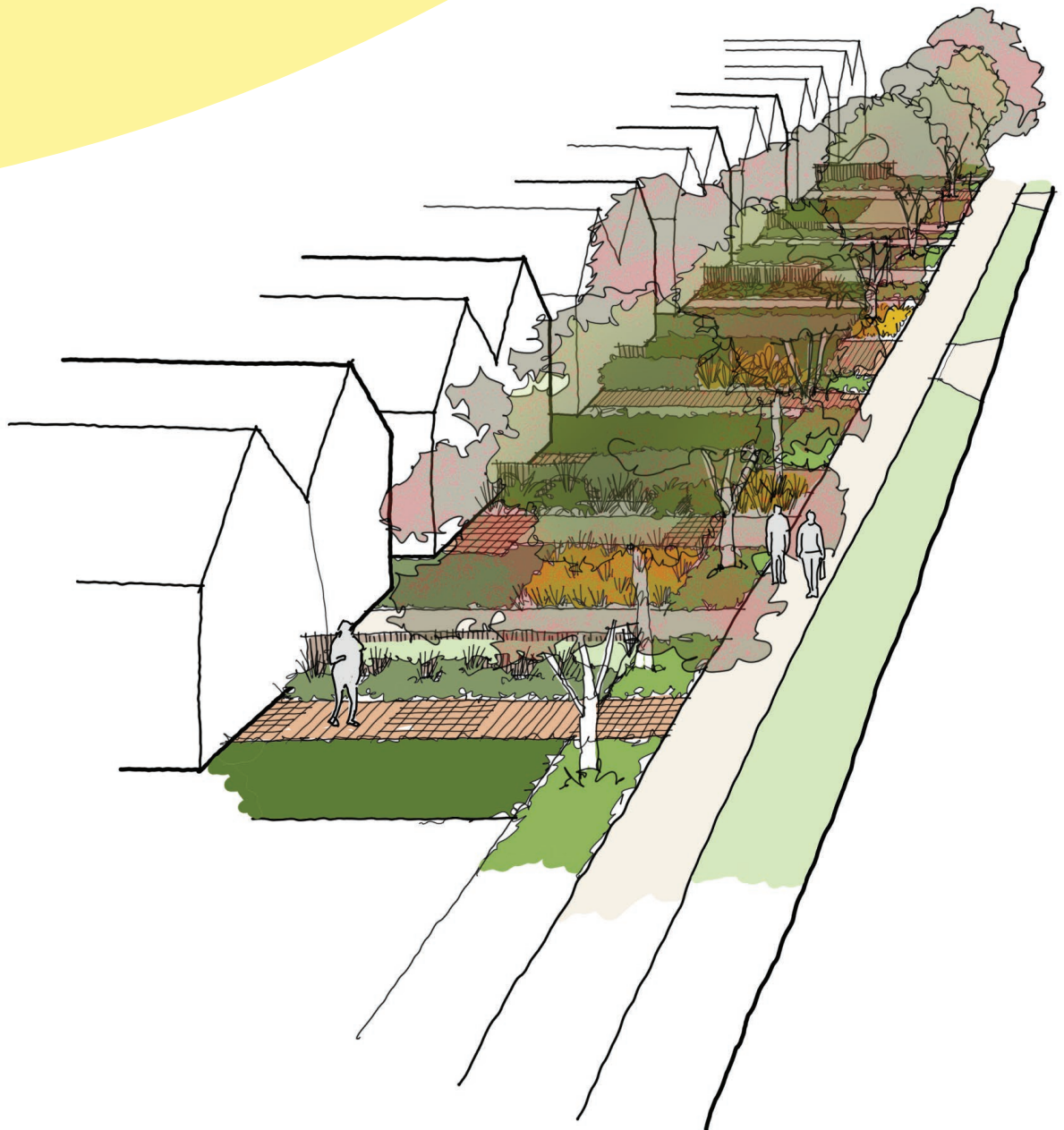
Plants = ●

		Primary Road		Secondary Road		Local Road		Laneway		Reserves					
Trees = ▲		Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Street Trees	Shrubs & Plants	Open Spaces	Native Forest	Forest Margin	Riparian	Min Grade	Max Spacing/m
Plants = ●															
Botanical name	Common / Maori Name														
Ozothamnus leptophyllus	Tauhinu		●		●		●		●					2.0	2.0
Pachystegia rufa	Marlborough rock daisy		●		●		●		●					2.0	0.5
Phormium 'Black Rage'	Flax									●		●		2.0	1.0
Phormium cookianum	Wharariki									●		●		2.0	1.2
Phormium 'Joker'	Flax									●		●		2.0	1.0
Phormium 'Platt's Black'	Flax									●		●		2.0	1.0
Phormium tenax	Harakeke									●		●		2.0	2.0
Piper excelsum	Kawakawa									●	●	●		2.0	-
Piper melchior	Kawakawa									●	●	●		2.0	-
Pittosporum cornifolium	Tāwhirikaro											●		2.0	1.0
Pittosporum crassifolium	Kaikaro											●		2.0	-
Pittosporum umbellatum	Haekaro											●		2.0	-
Pittosporum 'Wrinkle Blue'	Kōhūhū											●		2.0	2.0
Plagianthus regius	Manata							▲						45	1.0
Podocarpus totara	Totara	▲		▲							▲			45	-
Potamogeton cheesemanii	Mānahi												●	2.0	0.2
Prumnopitys taxifolia	Mataī	▲		▲										45	-
Pseudopanax arboreus	Whauwhaupaku			▲		▲					▲	▲		45	-
Pseudopanax discolor	Rangateia					▲		▲						45	-
Pseudowintera colorata	Horopito									●				2.0	-
Rhopalostylis sapida	Nīkau					▲		▲		▲		▲		45	-
Rubus x barkeri	Ground lawyer											●		2.0	2.0
Sophora microphylla	Kōwhai					▲		▲		▲				45	-
Sophora tetraptera	Kōwhai					▲		▲		▲				45	-
Syzygium maire	Maire tawake											▲		45	-
Tecomanthe speciosa	Akapukaea									●				2.0	-
Vitex lucens	Puriri	▲		▲						▲				45	-

Street Planting

An extensive palette of native plants & trees has been selected for street planting. A palette of trees has been identified for each road type to provide variety, shade, & identifiable character.

A palette of native shrubs & groundcovers has been selected to provide variety in form & colour, as well as habitat for native fauna.



Street Tree Palettes

Primary Road Tree species:



Alectryon excelsus
Titoki



Beilschmiedia tawa
Tawa



Dacrycarpus dacrydioides
Kahikatea



Laurelia novae-zelandiae
Pukatea



Libocedrus plumosa
Kawaka



Metrosideros excelsa
Pōhutukawa



Podocarpus totara
Totara



Prumnopitys taxifolia
Matai



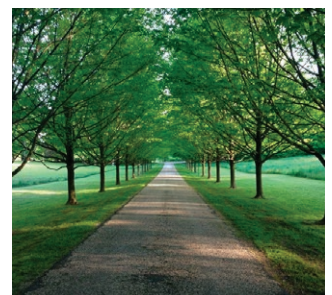
Vitex lucens
Puriri



Liquidambar styraciflua
Sweetgum



Pyrus calleryana
Ornamental pear



Platanus orientalis
Oriental Plane

Street Tree Palettes

Secondary Road Tree species:



Beilschmiedia tawa
Tawa



Laurelia novae-zelandiae
Pukatea



Libocedrus plumosa
Kawaka



Metrosideros excelsa
Pōhutukawa



Myoporum laetum
Ngaio



Podocarpus totara
Totara



Prumnopitys taxifolia
Matai



Pseudopanax arboreus
Whauwhaupaku



Vitex lucens
Puriri



Liquidambar styraciflua
Sweetgum



Pyrus calleryana
Ornamental pear

Street Tree Palettes

Neighbourhood Road Tree species:



Agatha australis
Kauri



Metrosideros 'Maori Princess'
Pōhutukawa



Myoporum laetum
Ngaio



Pseudopanax arboreus
Whauwhaupaku



Pseudopanax discolor
Rangateia



Rhopalostylis sapida
Nīkau



Sophora microphylla
Kōwhai



Sophora tetraptera
Kōwhai



Liquidambar styraciflua
Sweetgum



Pyrus calleryana
Ornamental pear

Street Tree Palettes

Laneway Tree species:



Cordyline australis
Tī kōuka



Dicksonia fibrosa
Whekī ponga



Melicytus ramiflorus
Mahoe



Metrosideros 'Maori Princess'
Pōhutukawa



Plagianthus regius
Manata



Pseudopanax discolor
Rangateia



Rhopalostylis sapida
Nīkau



Sophora microphylla
Kōwhai



Sophora tetraptera
Kōwhai

Street Planting Palettes

Shrub species:



Coprosma acerosa
Tātaraheke



Coprosma 'Beatson's Gold'
Mirror bush



Coprosma 'Hawera'
Tātaraheke



Coprosma 'Mangatangi'
Mangatangi



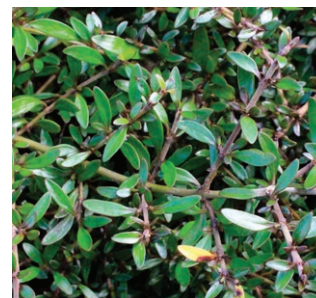
Coprosma propinqua
Mingimingi



Coprosma repens
Taupata



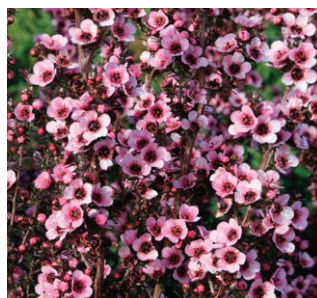
Coprosma robusta
Karamū



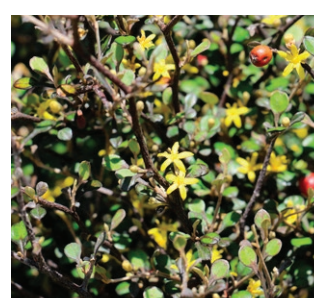
Coprosma 'Taiko'
Taiko



Coprosma virescens
Mingimingi



Leptospermum scoparium
Mānuka



Corokia cotoneaster
Korokio



Corokia x virgata
Corokia

Street Planting Palettes

Medium & low species:



Arthropodium cirratum
Rengarenga



Astelia banksii
Kōwharawhara



Astelia chathamica
Kakaha



Carex testacea
Speckled sedge



Clematis cunninghamii
Akangākaukio



Clematis paniculata
Puawananga



Dianella nigra
Turutu



Festuca coxii
Tawhai raunui



Hebe albicans
Haekaro



Hebe diosmifolia
Aute



Hebe 'First Light'
Hebe



Hebe speciosa
Hebe

Street Planting Palettes

Medium & low species:



Hebe 'Wiri Charm'
Hebe



Hebe 'Wiri Desire'
Hebe



Hebe 'Wiri Image'
Hebe



Hebe 'Wiri Mist'
Hebe



Libertia grandiflora
Tukauki



Libertia ixioides
Mikoikoi



Muehlenbeckia astonii
Mingimingi



Muehlenbeckia axillaris
Pöhuehue



Muehlenbeckia complexa
Pöhuehue



Ozothamnus leptophyllus
Tauhinu



Pachystegia rufa
Marlborough rock daisy

Reserve Planting

For reserves and green spaces palettes of native plant & tree species suited to area types are described below.



Native Forest

To encourage native reforestation, suitable areas will be planted with species which would have existed historically, including podocarp, beech and broadleaved forests. Emergent forest trees will be included for their cultural (tāonga) value and for carbon sequestration.

Native Forest species:



Adiantum hispidulum
Rough maidenhair fern



Asplenium oblongifolium
Huruhuruwhenua



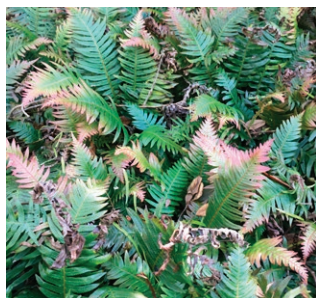
Asplenium obtusatum
Paranako



Beilschmiedia taraire
Taraire



Beilschmiedia tawa
Tawa



Blechnum neohollandicum
Prickly rasp fern



Blechnum parrisiae
Pukupuku



Cordyline australis
Ti kōu



Corynocarpus laevigatus
Karaka



Cyathea dealbata
Ponga



Dicksonia fibrosa
Whekī ponga



Dysoxylum spectabile
Kohekohe

Native Forest

Native Forest species:



Elaeocarpus dentatus
Hīnau



Fuscopora truncata
Hard beech



Griselinia littoralis
Kapuka



Knightia excelsa
Rewarewa



Muehlenbeckia complexa
Pōhuehue



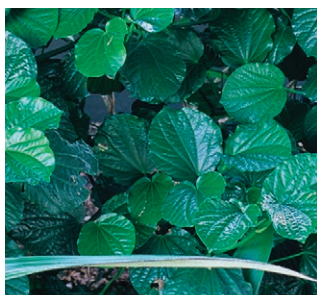
Olearia furfuracea
Akepiro



Olearia paniculata
Akiraho



Piper excelsum
Kawakawa



Piper melchior
Kawakawa



Podocarpus totara
Tōtara



Pseudopanax arboreus
Whauwhaupaku



Vitex lucens
Puriri

Native Forest Margin

To blur the edges of areas of Native Forest reforestation, a similar planting palette will be used, though typically lower species. Some taller trees from the Native Forest palette can be interspersed into this mix, maintaining sightlines and avoiding overshadowing nearby residential areas.

Forest Margin species:



Adiantum hispidulum
Rough maidenhair fern



Asplenium oblongifolium
Huruhuruwhenua



Asplenium obtusatum
Paranako



Cordyline australis
Tī kōuka



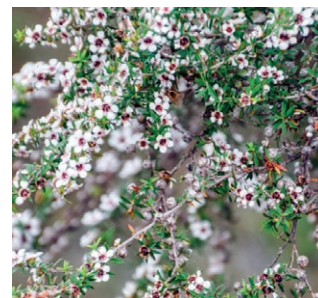
Cyathea medullaris
Mamaku



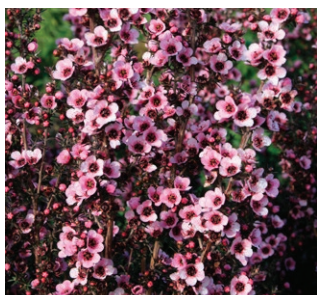
Griselinia littoralis
Kapuka



Hebe stricta
Koromiko



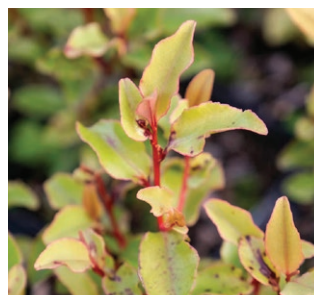
Kunzea ericoides
Kānuka



Leptospermum scoparium
Mānuka



Melicope simplex
Poataniwha



Myrsine australis
Mapou



Olearia furfuracea
Akepiro

Native Forest Margin

Forest Margin species:



Olearia paniculata
Akiraho



Phormium 'Black Rage'
Flax



Phormium cookianum
Wharariki



Phormium 'Joker'
Flax



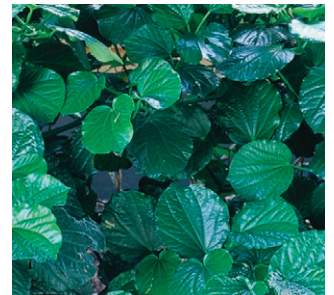
Phormium 'Platt's Black'
Flax



Phormium tenax
Harekeke



Piper excelsum
Kawakawa



Piper melchior
Kawakawa



Pittosporum cornifolium
Tāwhirikaro



Pittosporum crassifolium
Kaikaro



Pittosporum umbellatum
Haekaro



Pittosporum 'Wrinkle Blue'
Kōhūhū



Pseudopanax arboreus
Whauwhaupaku



Rhopalostylis sapida
Nikau



Syzygium maire
Maire tawake

Open Spaces

Reserves and green spaces within Sunfield are to be planted with a mix that emphasises native species, the local ecology and provides seasonal variation.

Tree species should be selected to suit the scale and use of each space.

Larger, emergent forest species including kauri, rewarewa and hard beech can work well in large open areas. Smaller trees such as kōwhai and pōhutukawa are suited to smaller scale open spaces.

Open Space species:



Alectryon excelsus
Titoki



Arthropodium cirratum
Rengarenga



Astelia banksii
Kōwharawhara



Astelia chathamica
Kakaha



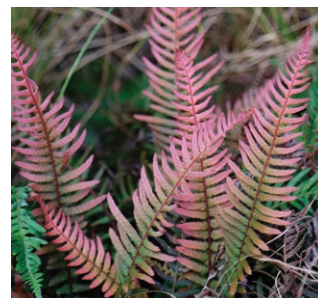
Beilschmiedia taraire
Taraire



Beilschmiedia tawa
Tawa



Blechnum neohollandicum
Prickly rasp fern



Blechnum parrisiae
Pukupuku



Carex testacea
Speckled sedge



Carex trifida
Tataki



Chionochloa flavicans
Haumata



Chionochloa rubra
Red tussock

Open Spaces

Open Space species:



Clematis paniculata
Puawananga



Cordyline australis
Ti kōuka



Corokia cotoneaster
Korokio



Cortaderia fulvida
Toetoe



Corynocarpus laevigatus
Karaka



Fuscospora truncata
Hard beech



Hebe stricta
Koromiko



Libertia grandiflora
Tukauki



Meryta sinclairii
Pukanui



Metrosideros excelsa 'Maori Princess'
Pōhutukawa



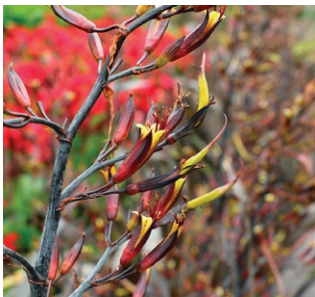
Metrosideros excelsa 'Vibrance'
Pōhutukawa



Nestegis apetala
Marie

Open Spaces

Open Space species:



Phormium 'Black Rage'
Flax



Phormium cookianum
Wharariki



Phormium 'Joker'
Flax



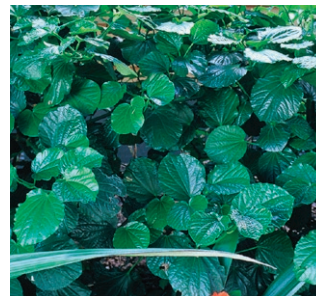
Phormium 'Platt's Black'
Flax



Phormium tenax
Harekeke



Piper excelsum
Kawakawa



Piper melchior
Kawakawa



Pseudowintera colorata
Horopito



Rhopalostylis sapida
Nikau



Sophora microphylla
Kōwhai



Sophora tetraptera
Kōwhai



Tecomanthe speciosa
Akupukaea

Riparian Palette

These areas border streams, rivers, lakes and other water bodies such as natural ponds and constructed stormwater wetlands. Planted riparian edges help to filter nutrients and sediments from entering the waterways as well as helping to reduce erosion by stabilising banks and providing habitat for local fauna. Plant species need to withstand periodic inundation.

Wet edge planting areas extend from the shallow water at the very edge of a pond into deeper water, and require specific plant species. Like Riparian edge plants, these species help to filter out excess nutrients, reduce habitat for mosquitoes and midges, and disguise pond margins when water levels fluctuate.

Riparian species:



Apodasmia similis
Oioi



Blechnum minus
Swamp Kiokio



Carex comans
Sedge



Carex comans 'Frosted Curls'
Sedge



Carex flagellifera
Weeping Brown Sedge



Carex trifida
Tataki



Cortaderia fulvida
Toetoe



Euphorbia glauca
Waiuatua



Juncus australis
Wiwi

Wet edge species:



Carex secta
Purei



Carex virgata
Purei



Eleocharis sphacelata
Kuta



Juncus edgariae
Wiwi



Myriophyllum propinquum
Common water millifol



Potamogeton cheesemanii
Manihi

Sunfield