

Climate Resilient Landscapes

A Planting Guide for
The Northern Rivers Region



The development of the guide started after the bush fires. People wanted to understand what plants are good in extreme climates.

The guide has been developed to help people adapt their gardens and properties to the impacts of climate change.

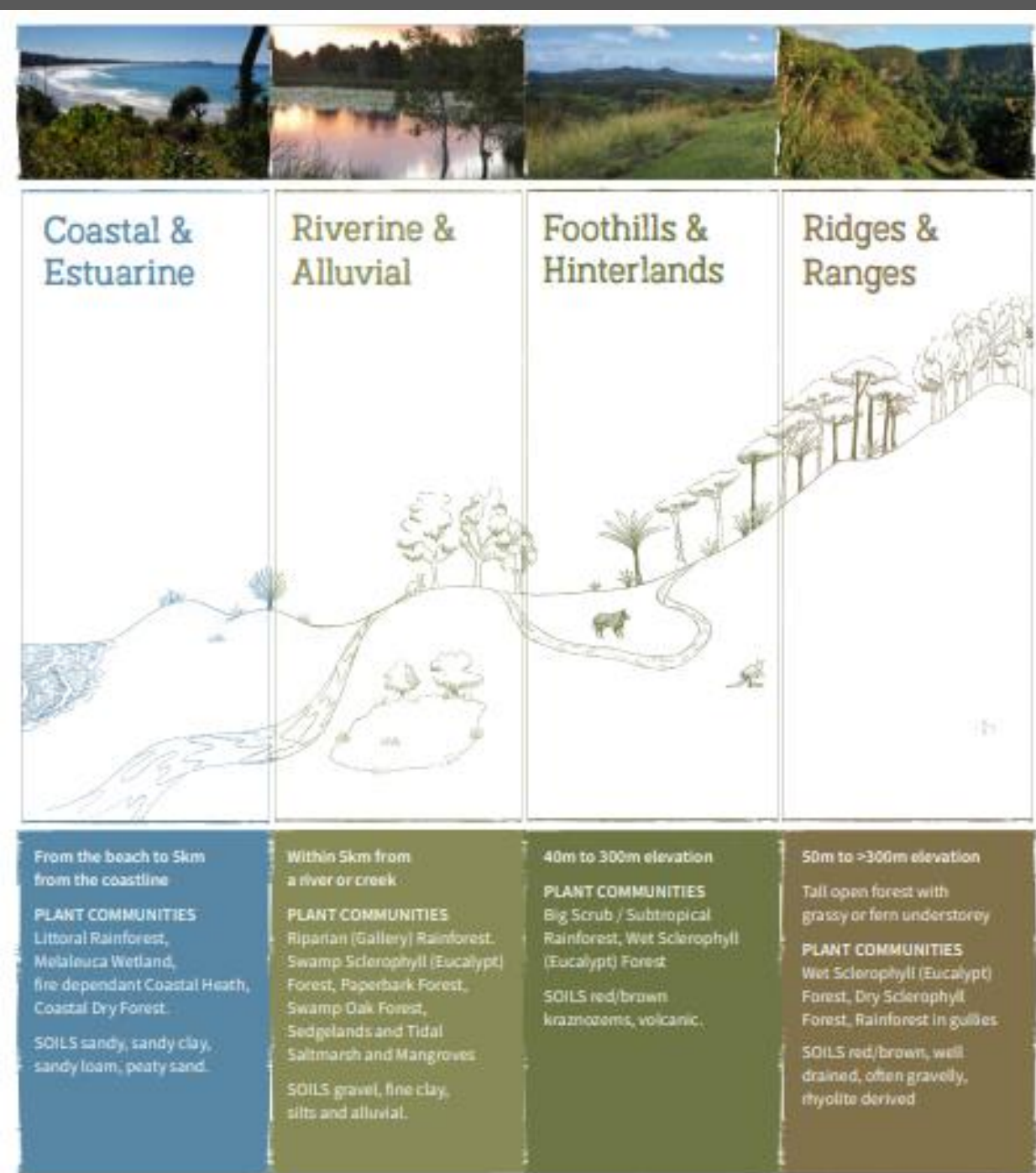
This project has been supported by funding from the NSW Government through its Increasing Resilience to Climate Change (IRCC) community grant projects.



A review of 10 years of previous plantings and observations of bushland informed the plant choices

- what survived the fires,
- what fed wildlife in drought,
- what was good when land slides.

The guide has four landscape sections so can be used throughout the Northern Rivers.



6. My Resilient Garden Species Lists

		Common Name	Scientific Name	Flower Colour
Groundcovers/ Grasses/	1	Tall Sedge	<i>Carex appressa</i>	Yellow/brown
	2	Swamp Lily	<i>Crinum pedunculatum</i>	White
	3	Mat-rush	<i>Lomatium hybrid</i>	Cream
	4	Harsh Ground Fern	<i>Hypolepis australis</i>	Fern
	5	Ottochloa	<i>Ottochloa gracillima</i>	Grass
Shrubs/ Grass-like plants	6	Rose Myrtle	<i>Arctostaphylos laevis</i>	Pink
	7	Palm Lily	<i>Cardyline stricta</i>	Pink
	8	Long-leaved Tuckeroo	<i>Dapanopsis nemoralis</i>	Pink
	9	Blue Tongue	<i>Melastoma affine</i>	Mauve
	10	Brush Sauropus	<i>Phyllanthus intricatus</i>	Green
	Trees	11	Twin-leaved Coogera	<i>Arytera distylis</i>
12		Willow Bottle Brush	<i>Callistemon saligna</i>	Cream
13		River Oak	<i>Casuarina cunninghamiana</i>	Brown
14		Brown Kurrajong	<i>Casearia barkeriana</i>	White
15		Creek Sandpaper Fig	<i>Ficus coronata</i>	White
16		Cheese Tree	<i>Glochidion bursifidum</i>	White
17		Silky Oak	<i>Banksia robusta</i>	Golden
18		Native Frangipani	<i>Hybanthus floribundus</i>	Yellow
19		Swamp Box	<i>Lepidosperma swainsonii</i>	White
20		Yellow Pear-fruit	<i>Mitrasacme pyramidalis subsp. pyramidalis</i>	White
21		Firewheel Tree	<i>Stereocarpus imbricatus</i>	Red
22		Giant Water Gum	<i>Syzygium francisc</i>	White
Vines		23	Carronia	<i>Carronia multiflora</i>
	24	Native Wisteria	<i>Callerya megapania</i>	Purple/mauve



11 Twin-leaved Coogera

Attractive pink new growth and yellow fruits.



12 Willow Bottle Brush

Attractive pink new growth, versatile plant used by many animals including Koalas.



13

River Oak

Useful for stabilising riverbanks, prevention of soil erosion, tolerant of wet and dry soils. The foliage is a stock food. Can be planted as effective screening plant or for windy sites.



14

Brown Kurrajong

White flowers in abundance at Christmas.

6.2. Riverine & Alluvial

Family Name	Growth Rate	Height (typical mature garden height)	Properties
Cyperaceae	Fast	< 0.5m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Amaryllidaceae	Fast	0.5-1m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Lomandraceae	Fast	0.5-1m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Dennstaedtiaceae	Fast	<0.5m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Poaceae	Fast	<0.5m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Myrtaceae	Medium	3-5	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Asparagaceae	Medium	1-2m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Sapindaceae	Medium	2-5m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Melastomataceae	Fast	1-2m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Phyllanthaceae	Medium	1-2m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Sapindaceae	Slow	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Myrtaceae	Medium	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Casuarinaceae	Fast	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Sterculiaceae	Fast	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Monacae	Fast	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Phyllanthaceae	Fast	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Proteaceae	Fast	10m - 15m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Pittosporaceae	Fast	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Myrtaceae	Medium	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Sapindaceae	Slow	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Proteaceae	Medium	6.0 - 10.0m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Myrtaceae	Slow	10m - 15m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Menispermaceae	Medium	10m - 15m	[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]
Fabaceae (Fabioideae)	Fast		[Fire] [Salt] [Frost] [Wind] [Drought] [Carbon]

Drought resilient
Fire resilient
Flood resilient
Carbon sequestration
Habitat and food
Salt tolerant
Frost tolerant
Wind tolerant

15 Creek Sandpaper Fig
Drought food for birds and pademelons.



16 Cheese Tree
Great stabilising roots for banks.



17 Silky Oak
Flowers are nectar for birds and bats.



18 Native Frangipani
Nectar for Richmond Birdwing Butterfly.



19 Swamp Box
Habitat tree for Koala, tolerant of waterlogging.



20 Yellow Pear-fruit
Attractive bunches of yellow fruits.



21 Firewheel Tree
Very attractive red flowers.



22 Giant Water Gum
Purple fruits, attractive habitat for many birds.



23 Carronia
Host plant for endangered Pink Underwing Moth.



24 Native Wisteria
Butterfly host, Wisteria like flowers.



Tips on how to improve soil condition, water storage and shelter.

List of local endemic native plants for each of the 4 landscape sections.



Information on the plants different tolerances and resiliencies under the conditions found in each location.


Drought resilient	
Fire resilient	
Flood resilient	
Carbon sequestration	
Habitat and food	
Salt tolerant	
Frost tolerant	
Wind tolerant	

Climate resilient garden, Gordon St, Mullumbimby.

Hard copies will soon be available from Byron Shire Council offices in Mullumbimby.

A PDF can be downloaded from the BVL website

www.brunswickvalleylandcare.org.au/native-plants/



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