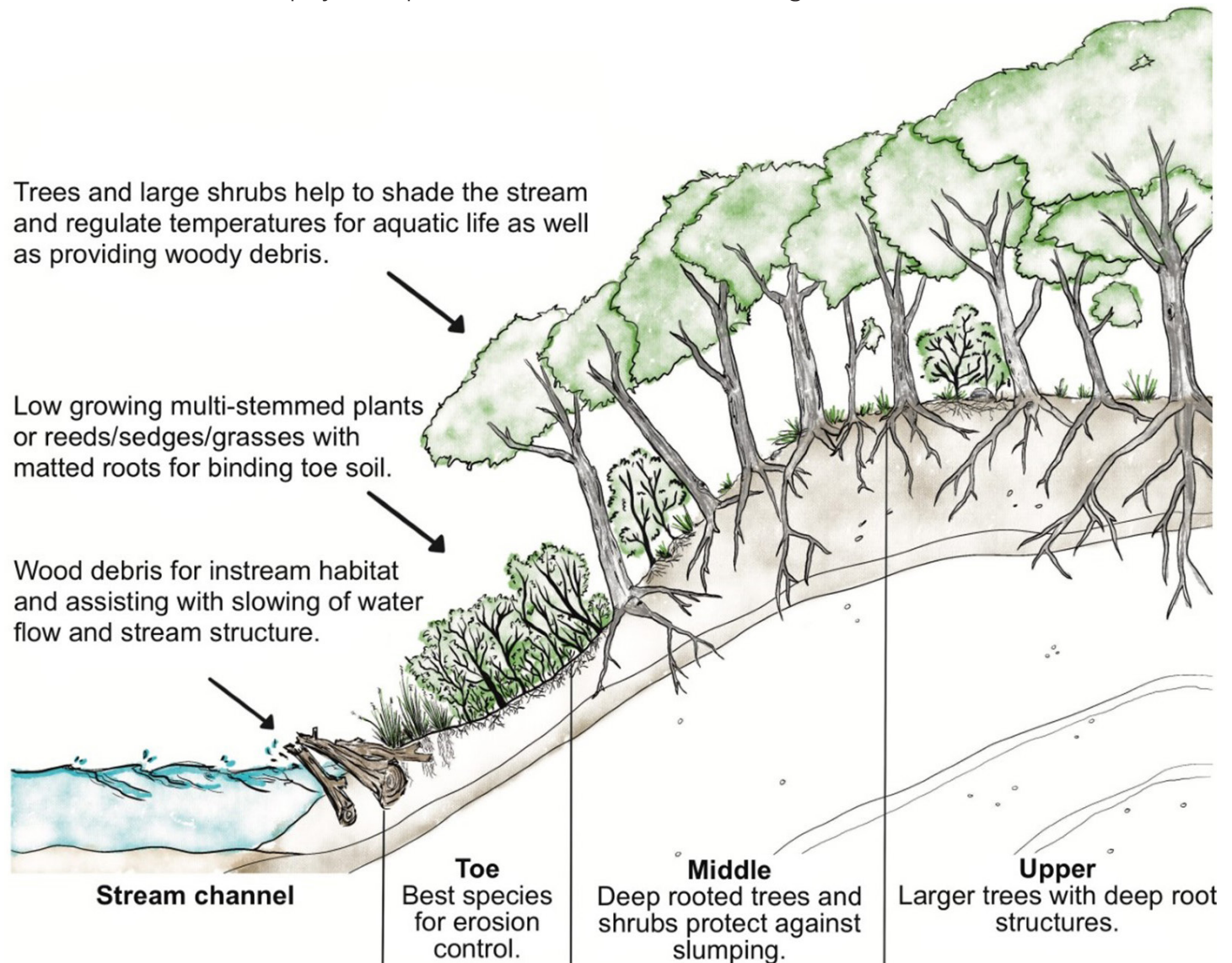


# Nambucca catchment riparian species selection guide

## Factsheet

A healthy riparian zone can armour the stream banks against erosion, slow the flow of water during high flow events and supply the waterway with vital woody debris for in-stream habitat and strength. A broad diversity of riparian vegetation will provide the best soil binding capacity with the combination of different root structures.

When planting, it's important to match the plants to the area of the riverbank where they belong – from the top of the bank to the toe where each plays an important but different role in stabilising the bank.



# How to use the following species lists

First, find the species list that matches your zone of the river. Each species list contains plants that belong in the estuarine, brackish or fresh parts of the river.

Next, focus on which species belong where on the bank from the top of bank to the toe.

Estuary or Estuarine refers to the coastal water body where fresh water from the river's upper catchment mixes with the salt water from the ocean.

Fresh is at the top of the catchment. Brackish is where the fresh water meets estuarine water – less salty than estuarine.

## Nambucca catchment – freshwater stream riparian species selection guide

Stream	Toe	Middle	Upper
<b>All freshwater only streams in Nambucca catchment</b> * found Taylors Arm only ** requires protected sites and largely absent from Warrell Creek *** absent from Warrell Creek	<i>Callistemon Viminalis</i> Weeping Bottlebrush	<i>Ackama paniculate</i> ** Soft Corkwood	<i>Acacia irrorate</i> Green Wattle
	<i>Leptospermum brachyandrum</i> Tea Tree	<i>Acmena smithii</i> Lilly Pilly	<i>Acacia maidenii</i> Maidens Wattle
	<i>Lomandra hystrix</i> Mat Rush	<i>Alectryon subcinereus</i> Native Quince	<i>Acacia melanoxylon</i> Blackwood
	<i>Tristaniopsis laurina</i> Water Gum	<i>Anetholea anisate</i> Ringwood, Aniseed Myrtle	<i>Alphitonia excelsa</i> Red Ash
	<i>Waterhousea floribunda</i> Weeping Lilly Pilly	<i>Aphananthe philippinensis</i> Rough Leaved Elm	<i>Aphananthe philippinensis</i> Rough-leaved Elm
		<i>Archontophoenix cunninghamiana</i> Bangalow Palm	<i>Argyrodendron actinophyllum</i> Black Booyong
		<i>Backhousia myrtifolia</i> Grey Myrtle	<i>Cryptocarya obovate</i> Pepperberry Tree
		<i>Bosistoa floydii</i> Five-leaved Bosistoa	<i>Diploglottis australis</i> ** Native Tamarind
		<i>Callicoma serratifolia</i> Black Wattle	<i>Dysoxylum fraserianum</i> ** Rosewood
		<i>Ceratopetalum apetalum</i> Coachwood	<i>Ehretia acuminata</i> Koda
	<i>Cordyline stricta</i> Narrow-leaf Palm Lilly	<i>Elaeocarpus grandis</i> ** Blue Quandong	
	<i>Cryptocarya glaucescens</i> Jackwood	<i>Elaeocarpus obovatus</i> Hard Quandong	
	<i>Cryptocarya microneura</i> Murrogon	<i>Eucalyptus grandis</i> Flooded Gum	

Stream	Toe	Middle	Upper
		<i>Cuttsia viburnea</i> ** Cuttsia	<i>Eucalyptus microcorys</i> Tallowwood
		<i>Endiandra muelleri</i> Green Leaved Rose Walnut	<i>Ficus macrophylla</i> Moreton Bay Fig
		<i>Glochidion ferdinandi</i> Cheese Tree	<i>Flindersia schottiana</i> Cudgerie
		<i>Gmelina leichhardtii</i> White Beech	<i>Jagera pseudorhus</i> Foambark
		<i>Guioa semiglauca</i> Guioa	<i>Lophostemon confertus</i> Brush Box
		<i>Hymenosporum flavum</i> Native Frangipani	<i>Mallotus phillippensis</i> Red Kamala
		<i>Jagera pseudorhus</i> Foambark	<i>Melia azedarach</i> White Cedar
		<i>Mallotus phillippensis</i> Red Kamala	<i>Toona ciliata</i> ** Red Cedar
		<i>Melicope micrococca</i> White Euodia	
		<i>Neolitsea dealbata</i> White Bolly Gum	
		<i>Niemeyera whitei</i> ** Rusty Plum	
		<i>Pittosporum undulatum</i> Sweet Pittosporum	
		<i>Planchonella australis</i> ** Black Apple	
		<i>Rhodomyrtus psidioides</i> Native Guava	
		<i>Sloanea woollsii</i> ** Yellow Carabeen	
		<i>Sloanea australis</i> ** Maidens Blush	
		<i>Syzygium australe</i> Brush Cherry	
		<i>Tristaniopsis laurina</i> Water Gum	
		<i>Waterhousea floribunda</i> Weeping Lilly Pilly	

# Nambucca catchment – estuarine zone riparian species selection guide

Stream	Toe	Middle	Upper
River Mouth to Gumma Gumma Creek	<i>Avicennia marina</i> Grey Mangrove	<i>Avicennia marina</i> Grey Mangrove	<i>Alphitonia excelsa</i> Red Ash
		<i>Casuarina glauca</i> Swamp oak	<i>Casuarina glauca</i> Swamp Oak
		<i>Juncus sp.</i> Swamp Rush	<i>Cupaniopsis anarcardioides</i> Tuckeroo
			<i>Elaeocarpus obovatus</i> Hard Quandong
			<i>Ficus rubiginosa</i> Rusty Fig
			<i>Glochidion ferdinandi</i> Cheese Tree
			<i>Guioa semiglauca</i> Guioa
Gumma Gumma Creek to Macksville	<i>Avicennia marina</i> Grey Mangrove  <i>Aegicerus corniculatum</i> River Mangrove	<i>Casuarina glauca</i> Swamp Oak	<i>Acacia melanoxylon</i> Blackwood
		<i>Cupaniopsis anarcardioides</i> Tuckeroo	<i>Alphitonia excelsa</i> Red Ash
		<i>Crinum pedunculatum</i> Crinum Lilly	<i>Casuarina glauca</i> Swamp Oak
		<i>Elaeocarpus obovatus</i> Hard Quandong	<i>Callistemon salignus</i> Willow Bottlebrush
		<i>Guioa semiglauca</i> Guioa	<i>Eucalyptus paniculata</i> Grey Ironbark
		<i>Glochidion ferdinandi</i> Cheese Tree	<i>Eucalyptus pilularis</i> Blackbutt
			<i>Ficus rubiginosa</i> Rusty Fig

Stream	Toe	Middle	Upper
			<p><i>Ficus superba</i> Deciduous Fig</p> <p><i>Flindersia schottiana</i> Cudgerie</p> <p><i>Jagera pseudorhus</i> Foambark</p> <p><i>Melaleuca quinquenervia</i> Broad-leaved Paperbark</p>
<p>Nambucca River – Macksville to Tewinga Taylors Arm –Macksville to the Taylors Arm Broadwater</p>	<p><u>Lower Toe</u> <i>Aegiceras corniculatum</i> River Mangrove</p>	<p><i>Alphitonia excelsa</i> Red Ash</p>	<p><i>Acacia melanoxylon</i> Blackwood</p>
	<p><u>Lower Toe</u> <i>Casuarina glauca</i> Swamp oak</p>	<p><i>Callistemon salignus</i> Willow Bottlebrush</p>	<p><i>Acacia irrorate</i> Green Wattle</p>
	<p><u>Lower Toe</u> <i>Crinum pedunculatum</i> Crinum Lilly</p>	<p><i>Callistemon viminalis</i> Weeping Bottlebrush</p>	<p><i>Commersonia bertramia</i> Brown Kurrajong</p>
	<p><u>Upper Toe</u> <i>Elaeocarpus obovatus</i> Hard Quandong</p>	<p><i>Casuarina glauca</i> Swamp Oak</p>	<p><i>Endiandra discolor</i> Rose Walnut</p>
	<p><u>Upper Toe</u> <i>Glochidion ferdinandi</i> Cheese Tree</p>	<p><i>Cupaniopsis anarcardioides</i> Tuckeroo</p>	<p><i>Eucalyptus microcorys</i> Tallowwood</p>
	<p><u>Upper Toe</u> <i>Guioa semiglauca</i> Guioa</p>	<p><i>Elaeocarpus obovatus</i> Hard Quandong</p>	<p><i>Ficus rubiginosa</i> Rusty Fig</p>
	<p><u>Upper Toe</u> <i>Lomandra hystrix</i> Mat Rush</p>	<p><i>Ficus coronata</i> Creek Sandpaper Fig</p>	<p><i>Lophostemon confertus</i> Brush Box</p>
		<p><i>Glochidion ferdinandi</i> Cheese Tree</p>	<p><i>Melaleuca quinquenervia</i> Broad-leaved Paperbark</p>
		<p><i>Guioa semiglauca</i> Guioa</p>	<p><i>Melaleuca styphelioides</i> Prickly paperbark</p>
		<p><i>Jagera pseudorhus</i> Foambark</p>	<p><i>Syzygium australe</i> Brush Cherry</p>
		<p><i>Leptospermum brachyandrum</i> Tea Tree</p>	<p><i>Schizomera ovata</i> Crabapple</p>

Stream	Toe	Middle	Upper
		<i>Lomandra hystrix</i> Mat Rush	<i>Rhodomyrtus psidioides</i> Native Guava
		<i>Tristaniopsis laurina</i> Water Gum	
Nambucca River – Tewinga to Bowraville Taylors Arm Broadwater to Boat Harbour Road Bridge	<u>Lower Toe</u> <i>Aegicerus corniculatum</i> River Mangrove	<i>Acmena smithii</i> Lilly Pilly	<i>Acacia melanoxylon</i> Blackwood
	<u>Lower Toe</u> <i>Casuarina glauca</i> Swamp Oak	<i>Casuarina cunninghamiana</i> River Oak	<i>Commersonia bertramia</i> Brown Kurrajong
	<u>Upper Toe</u> <i>Callistemon viminalis</i> Weeping Bottlebrush	<i>Endiandra discolor</i> Rose Walnut	<i>Cupaniopsis anacardioides</i> Tuckeroo
	<u>Upper Toe</u> <i>Casuarina cunninghamiana</i> River Oak	<i>Jagera pseudorhus</i> Foam Bark	<i>Eucalyptus grandis</i> Flooded Gum
	<u>Upper Toe</u> <i>Elaeocarpus obovatus</i> Hard Quandong	<i>Mischocarpus pyriformis</i> Yellow Pear Fruit	<i>Eucalyptus microcorys</i> Tallowwood
	<u>Upper Toe</u> <i>Ficus coronata</i> Creek Sandpaper Fig	<i>Rhodomyrtus psidioides</i> Native Guava	<i>Ficus rubiginosa</i> Rusty Fig
	<u>Upper Toe</u> <i>Glochidion ferdinandi</i> Cheese Tree	<i>Schizomera ovata</i> Crabapple	<i>Ficus superba</i> Deciduous Fig
	<u>Upper Toe</u> <i>Guioa semiglauca</i> Guioa	<i>Syzygium australe</i> Brush Cherry	<i>Homalanthus populifolius</i> Bleeding heart
	<u>Upper Toe</u> <i>Leptospermum brachyandrum</i> Tea Tree	<i>Tristaniopsis laurina</i> Water Gum	<i>Lophostemon confertus</i> Brush Box
<u>Upper Toe</u> <i>Lomandra hystrix</i> Mat Rush	<i>Waterhousea floribunda</i> Weeping Lilly Pilly	<i>Melia azedarach</i> White Cedar	
		<i>Toona ciliata</i> Red Cedar	

## Next steps

This is a general guide to species in the listed areas. It is not an exhaustive list but represents the more common plants used in revegetation projects which are usually available commercially. If you are confident with native plant identification, you could also use neighbouring or nearby existing remnant vegetation to guide your species selection.

Your local native plant nursery will be able to provide you with advice about other available species which may be appropriate to your site. This could include the introduction of locally threatened endemic plants which may be able to be included in your revegetation project to improve their chances of remaining viable in the wild.

Often the mangrove species will naturally regenerate on the toe within the estuarine zone when provided the appropriate conditions.

## Find out more

To find out more information about selecting species suitable for your local environment, speak with a Local Land Services staff member via 1300 795 299 or visit [www.lls.nsw.gov.au](http://www.lls.nsw.gov.au)

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**Information source:** Nambucca Valley vegetation and planting guide. Produced by Nambucca valley Landcare with assistance from Nambucca Valley Conservation Association.

[www.nvlandcare.org.au/\\_files/ugd/362b24\\_a0e96b8680cd4a04860533a260bb2717.pdf](http://www.nvlandcare.org.au/_files/ugd/362b24_a0e96b8680cd4a04860533a260bb2717.pdf)