

Tweed Catchment riparian species selection guide

Western tributaries- including Upper Oxley, Hopping Dicks, Pumpenbil and Brays Creek

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.

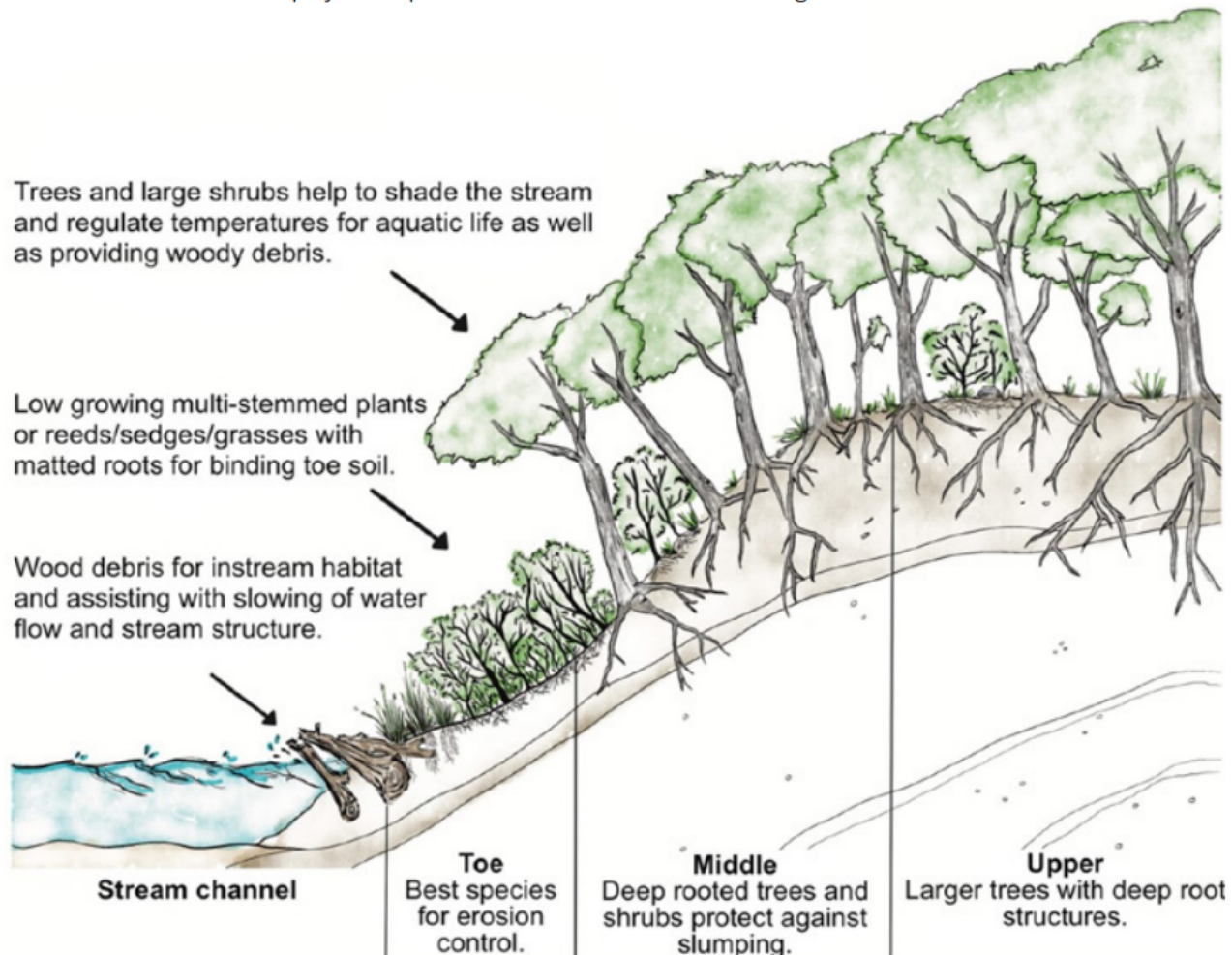


Image credit: Natalie Herington 2023

Western Tributaries	<i>Acmena smithii</i>	<i>Alphitonia excelsa</i>	<i>Alphitonia excelsa</i>
Includes upper Oxley, Hopping Dicks, Pumpenbil and Brays Creek	<i>Ficus coronata</i>	<i>Aphananthe philippinensis</i>	<i>Baloghia inophylla</i>
	<i>Glochidion ferdinandii</i>	<i>Archontophoenix cunninghamiana</i> *	<i>Castanospora alphandii</i>
	<i>Lomandra hystrix</i>	<i>Argyrodendron trifoliolatum</i> *	<i>Diospyros mabacea</i>
	<i>Tristaniopsis lauriana</i>	<i>Arytera distylis</i> *	<i>Dysoxylum mollissimum</i>
		<i>Celtis paniculata</i>	<i>Dysoxylum mollissimum</i>
		<i>Cryptocarya obovata</i>	<i>Ehretia acuminata</i> var. <i>acuminata</i>
		<i>Cryptocarya triplinervis</i>	<i>Elaeocarpus grandis</i> *
		<i>Diploglottis australis</i>	<i>Elaeocarpus obovatus</i>
		<i>Diploglottis campbellii</i>	<i>Endiandra pubens</i>
		<i>Elaeocarpus grandis</i> *	<i>Flindersia schottiana</i>
		<i>Elaeocarpus obovatus</i>	<i>Glochidion ferdinandii</i>
		<i>Glochidion ferdinandii</i>	<i>Grevillea robusta</i>
		<i>Grevillea robusta</i>	<i>Olea paniculata</i>
		<i>Mischocarpus pyriformis</i>	<i>Pittosporum undulatum</i>
		<i>Neolitsea dealbata</i> *	<i>Toona ciliata</i>
		<i>Polyscias elegans</i>	
		<i>Streblus brunonianus</i>	
	<i>Syzygium australe</i>		
* for protected sites		<i>Syzygium francisii</i> *	

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Northern tributaries- including Upper Rous Mid Rous, Crystal Creek and Nobbys Creek

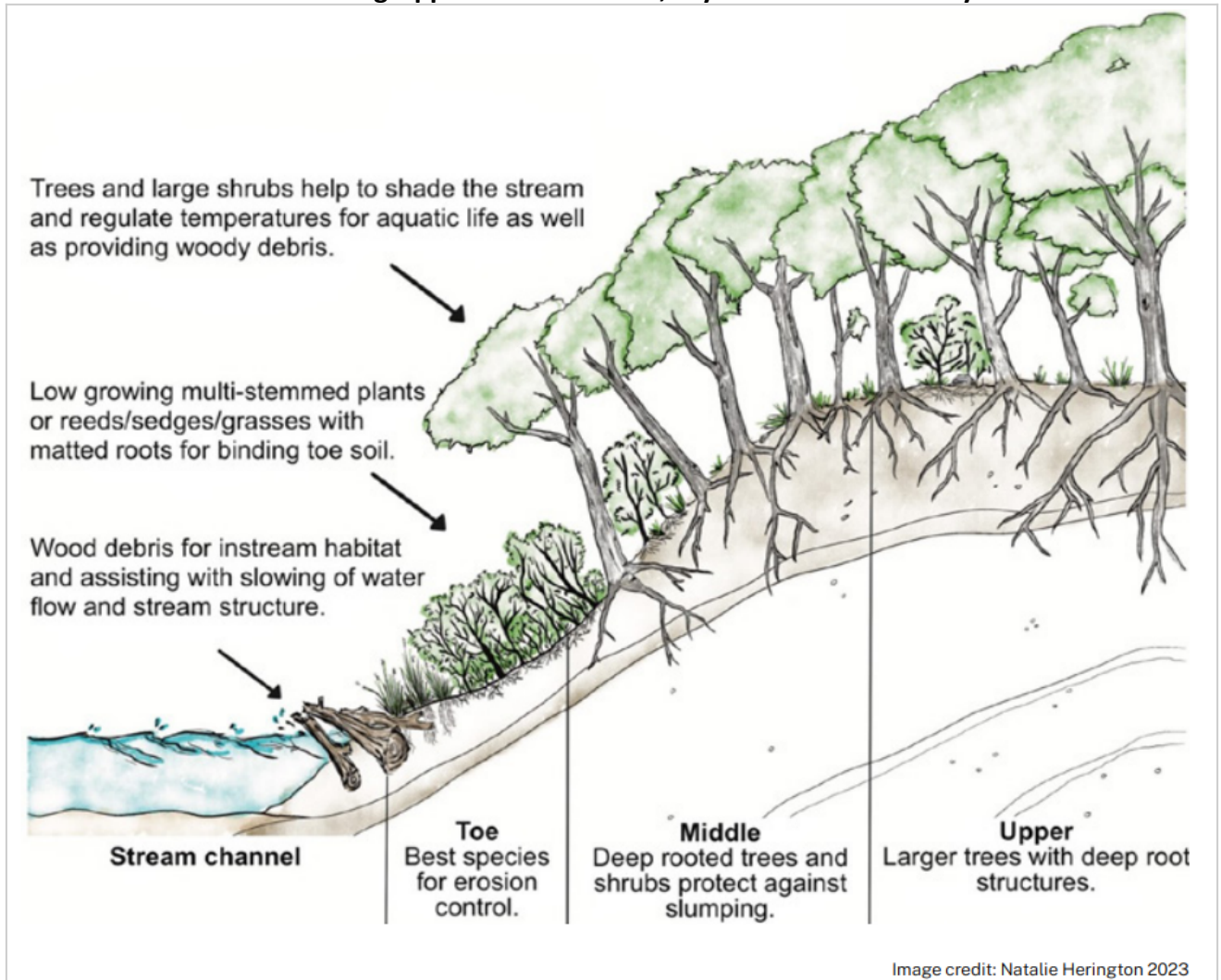
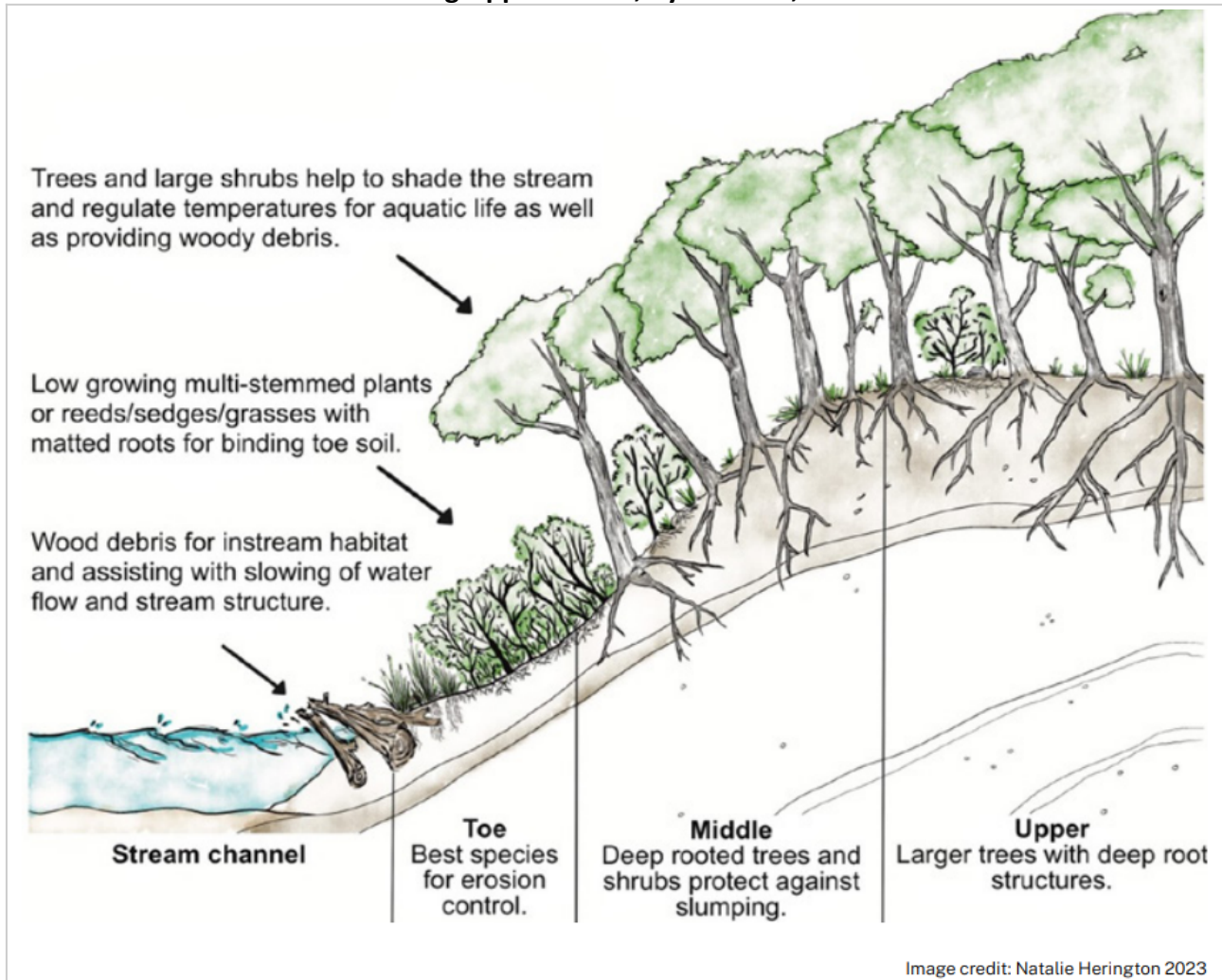


Image credit: Natalie Herington 2023

Northern tributaries	<i>Acmena smithii</i>	<i>Alphitonia excelsa</i>	<i>Alphitonia excelsa</i>
Including Upper Rous Mid Rous, Crystal Creek and Nobbys Creek	<i>rheophytic form</i>	<i>Aphananthe philippinensis</i>	<i>Araucaria cunninghamii</i>
	<i>Ficus coronata</i>	<i>Araucaria cunninghamii</i>	<i>Baloghia inophylla</i>
	<i>Glochidion ferdinandii</i>	<i>Archontophoenix cunninghamiana</i> *	<i>Castanospora alphanidii</i>
	<i>Lomandra hystrix</i>	<i>Argyrodendron trifoliolatum</i> *	<i>Cinnamomum oliveri</i>
	<i>Tristaniopsis laurina</i>	<i>Arytera distylis</i> *	<i>Commersonia bartramia</i>
		<i>Austromyrtus bidwillii</i> *	<i>Cryptocarya glaucescens</i>
		<i>Cryptocarya microneura</i>	<i>Cryptocarya microneura</i>
		<i>Cryptocarya obovata</i>	<i>Dysoxylum mollissimum</i>
		<i>Cryptocarya triplinervis</i>	<i>Elaeocarpus grandis</i> *
		<i>Diploglottis australis</i>	<i>Elaeocarpus obovatus</i>
		<i>Diploglottis campbellii</i>	<i>Endiandra pubens</i>
		<i>Elaeocarpus grandis</i> *	<i>Ficus virens</i>
		<i>Elaeocarpus obovatus</i>	<i>Flindersia schottiana</i>
		<i>Glochidion ferdinandii</i>	<i>Glochidion ferdinandii</i>
		<i>Glochidion sumatranum</i>	<i>Lomandra longifolia</i>
		<i>Mischocarpus pyriformis</i>	<i>Mallotus discolor</i>
		<i>Neolitsea dealbata</i> *	<i>Olea paniculata</i>
		<i>Podocarpus elatus</i>	<i>Pittosporum undulatum</i>
		<i>Polyscias elegans</i>	<i>Syzygium moorei</i>
		<i>Rhodomyrtus psidioides</i>	<i>Toona ciliata</i>
	<i>Sloanea australis</i> *		
	<i>Syzygium australe</i>		
	<i>Syzygium francisii</i> *		
* for protected sites		<i>Syzygium hodgkinsoniae</i> *	

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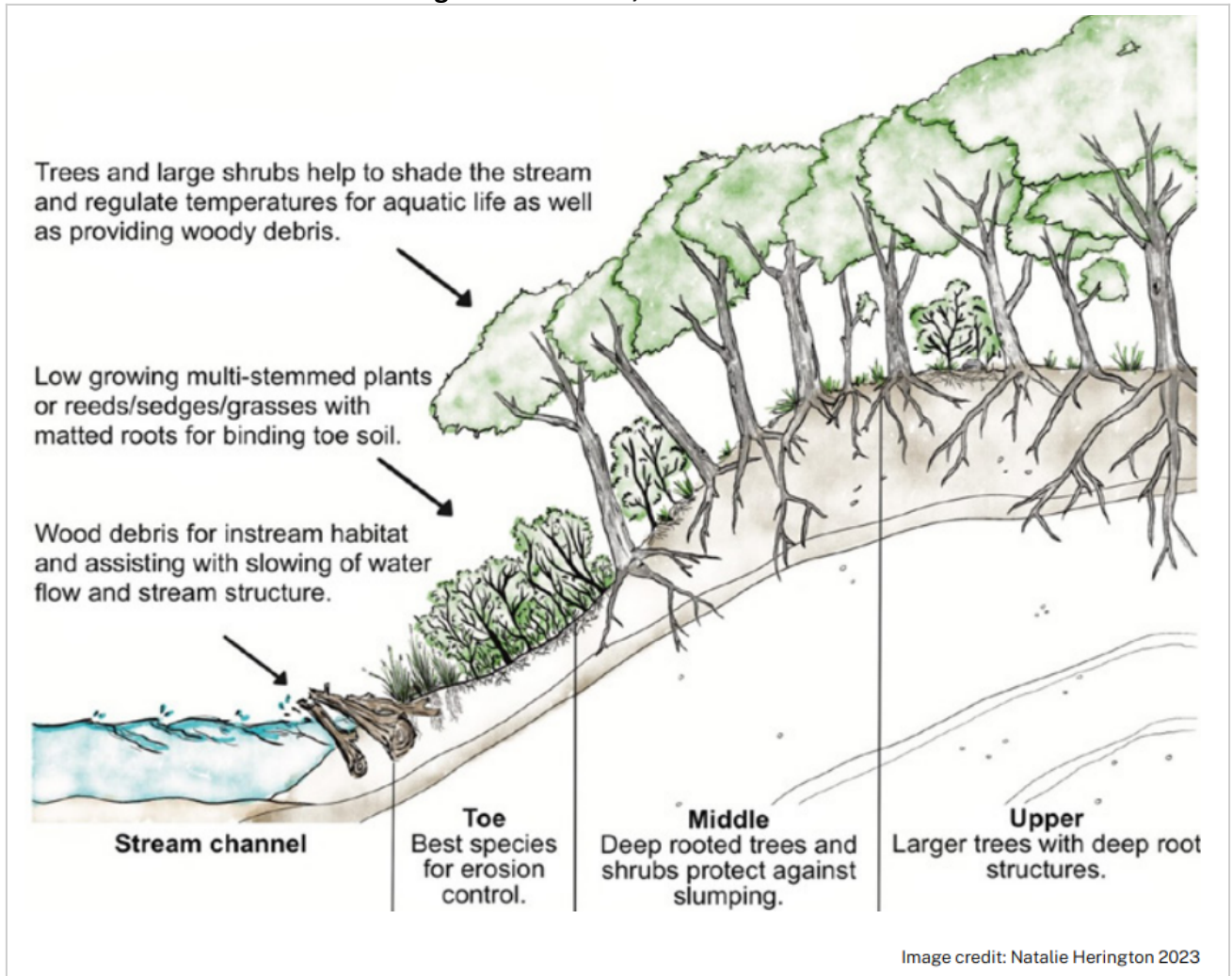
South-western tributaries- including Upper Tweed, Byrill Creek, and Doon Doon Creek.



South-Western Tributaries	<i>Acmena smithii</i>	<i>Alphitonia excelsa</i>	<i>Alphitonia excelsa</i>
Including Upper Tweed, Byrill Creek, and Doon Doon Creek.	<i>rheophytic form</i>	<i>Araucaria cunninghamii</i>	<i>Araucaria cunninghamii</i>
	<i>Acmena smithii</i>	<i>Archontophoenix</i>	<i>Baloghia inaphylla</i>
	<i>Ficus coronata</i>	<i>cunninghamiana</i> *	<i>Castanopora alphanthii</i>
	<i>Glochidion ferdinandii</i>	<i>Argyrodendron trifoliolatum</i> *	<i>Cinnamomum oliveri</i>
	<i>Lomandra hystrix</i>	<i>Arytera distylis</i> *	<i>Cryptocarya glaucescens</i>
	<i>Melaleuca viminalis</i> ***	<i>Austromyrtus bidwillii</i> *	<i>Cryptocarya microneura</i>
	<i>Syzygium floribundum</i>	<i>Cryptocarya microneura</i>	<i>Dysoxylum mollissimum</i>
	**	<i>Cryptocarya obovata</i>	<i>Ehretia acuminata</i>
	<i>Tristaniopsis laurina</i>	<i>Cryptocarya triplinervis</i>	<i>Elaeocarpus grandis</i> *
		<i>Diploglottis australis</i>	<i>Elaeocarpus obovatus</i>
		<i>Diploglottis campbellii</i>	<i>Endiandra pubens</i>
		<i>Elaeocarpus grandis</i> *	<i>Glochidion ferdinandii</i>
		<i>Elaeocarpus obovatus</i>	<i>Grevillea robusta</i>
		<i>Endiandra globosa</i>	<i>Lomandra longifolia</i>
		<i>Glochidion ferdinandii</i>	<i>Mallotus discolor</i>
		<i>Grevillea robusta</i>	<i>Olea paniculata</i>
		<i>Mischocarpus pyriformis</i>	<i>Pittosporum undulatum</i>
		<i>Neolitsea dealbata</i> *	<i>Toona ciliata</i>
		<i>Podocarpus elatus</i>	
		<i>Polyscias elegans</i>	
	<i>Sloanea australis</i> *		
	<i>Streblus brunonianus</i>		
* Protected sites	<i>Syzygium australe</i>		
** Lower reaches	<i>Syzygium francisii</i> *		
*** Byrill creek only	<i>Syzygium hodgkinsoniae</i> *		

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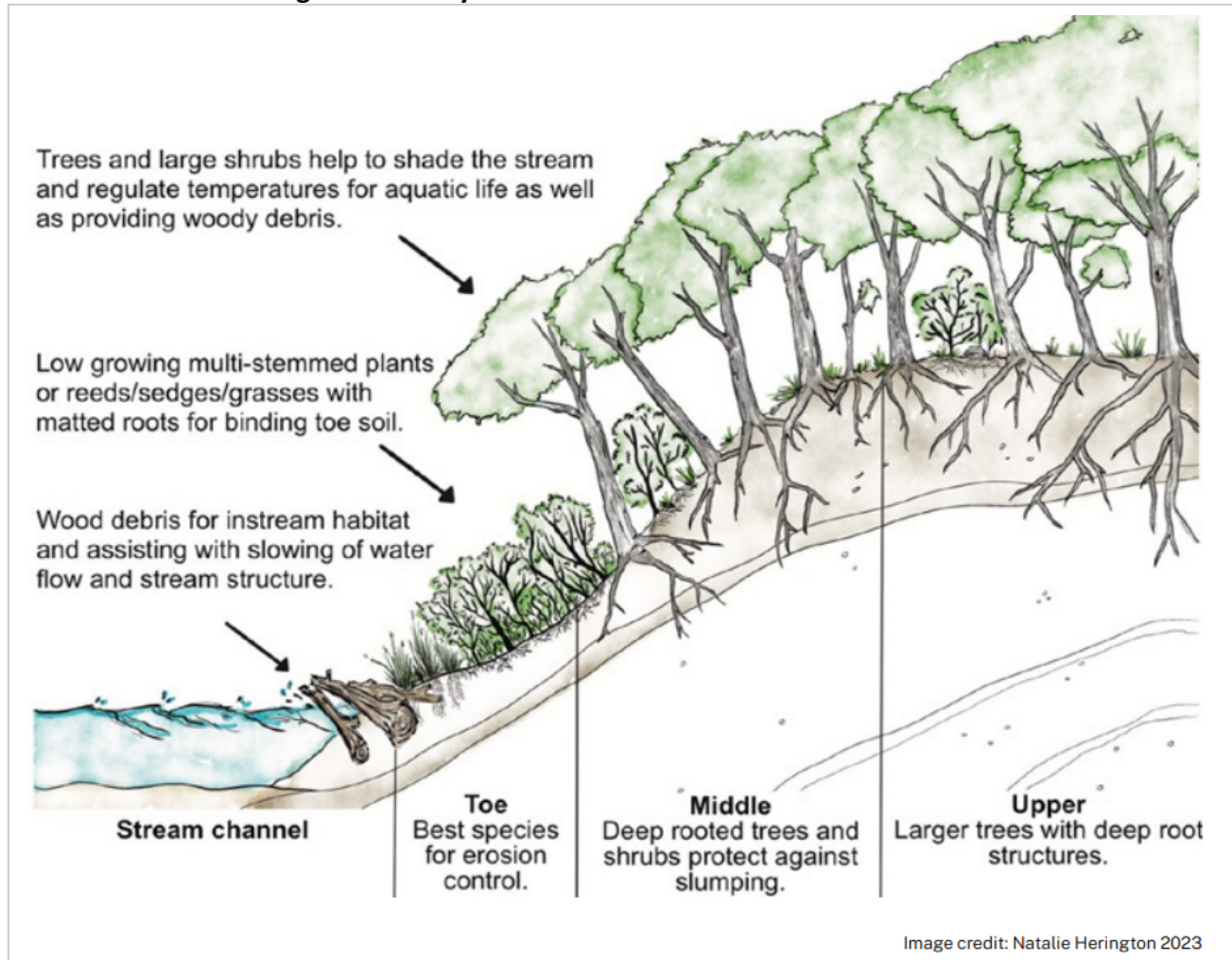
South-eastern tributaries- including Rolands Creek, Smiths Creek and Dunbible Creek



South-Eastern tributaries	<i>Acmena smithii</i>	<i>Alphitonia excelsa</i>	<i>Alphitonia excelsa</i>
Includes Rolands Creek, Smiths Creek and Dunbible Creek	<i>rheophytic form</i>	<i>Aphananthe philippinensis</i>	<i>Baloghia inophylla</i>
	<i>Ficus coronata</i>	<i>Archontophoenix cunninghamiana</i> *	<i>Castanospora alphanidii</i>
	<i>Glochidion</i>	<i>Argyrodendron trifoliolatum</i> *	<i>Cinnamomum oliveri</i>
	<i>ferdinandii</i>	<i>Arytera distylis</i> *	<i>Cryptocarya glaucescens</i>
	<i>Lomandra hystrix</i>	<i>Austromyrtus bidwillii</i> *	<i>Cryptocarya microneura</i>
	<i>Tristaniopsis laurina</i>	<i>Castanospermum australe</i>	<i>Elaeocarpus grandis</i> *
	<i>Syzygium floribundum</i>	<i>Cryptocarya microneura</i>	<i>Elaeocarpus obovatus</i>
	**	<i>Cryptocarya obovata</i>	<i>Endiandra pubens</i>
		<i>Cryptocarya triplinervis</i>	<i>Flindersia schottiana</i>
		<i>Diploglottis australis</i>	<i>Glochidion ferdinandii</i>
		<i>Diploglottis campbellii</i>	<i>Pittosporum undulatum</i>
		<i>Elaeocarpus grandis</i> *	<i>Syzygium moorei</i>
		<i>Elaeocarpus obovatus</i>	<i>Toona ciliata</i>
		<i>Endiandra globosa</i>	
		<i>Glochidion ferdinandii</i>	
		<i>Mischocarpus pyriformis</i>	
		<i>Neolitsea dealbata</i>	
	<i>Polyscias elegans</i>		
	<i>Rhodomyrtus psidioides</i>		
	<i>Sloanea australis</i> *		
	<i>Syzygium australe</i>		
* Protected sites		<i>Syzygium francisii</i> *	
** lower reaches		<i>Syzygium hodgkinsoniae</i> *	

Tweed Catchment riparian species selection guide

Central Rivers- including Lower Oxley and Mid Tweed Rivers



Central Rivers	<i>Acmena smithii</i>	<i>Alphitonia excelsa</i>	<i>Alphitonia excelsa</i>
Lower Oxley and Mid Tweed Rivers	<i>rheophytic form</i>	<i>Aphananthe philippinensis</i>	<i>Castanospora alphananii</i>
	<i>Acmena smithii</i>	<i>Archontophoenix cunninghamiana</i> *	<i>Cinnamomum oliveri</i>
	<i>Ficus coronata</i>	<i>Argyrodendron trifoliolatum</i> *	<i>Commersonia bartramia</i>
	<i>Glochidion</i>	<i>Arytera distylis</i> *	<i>Cryptocarya glaucescens</i>
	<i>ferdinandii</i>	<i>Castanospermum australe</i>	<i>Cryptocarya microneura</i>
	<i>Lomandra hystrix</i>	<i>Celtis paniculata</i>	<i>Dysoxylum mollissimum</i>
	<i>Melaleuca bracteata</i>	<i>Cryptocarya microneura</i>	<i>Ehretia acuminata</i>
	<i>Melaleuca viminalis</i>	<i>Cryptocarya obovata</i>	<i>Elaeocarpus grandis</i>
	<i>Tristaniopsis laurina</i>	<i>Cryptocarya triplinervis</i>	<i>Elaeocarpus obovatus</i>
	<i>Syzygium floribundum</i>	<i>Diploglottis australis</i>	<i>Endiandra pubens</i>
		<i>Diploglottis campbellii</i>	<i>Ficus virens</i>
		<i>Elaeocarpus grandis</i> *	<i>Flindersia schottiana</i>
		<i>Elaeocarpus obovatus</i>	<i>Glochidion ferdinandii</i>
		<i>Endiandra globosa</i>	<i>Grevillea robusta</i>
		<i>Glochidion ferdinandii</i>	<i>Olea paniculata</i>
		<i>Grevillea robusta</i>	<i>Pittosporum undulatum</i>
		<i>Mischocarpus pyriformis</i>	<i>Syzygium moorei</i>
		<i>Neolitsea dealbata</i> *	<i>Toona ciliata</i>
		<i>Podocarpus elatus</i>	
		<i>Polyscias elegans</i>	
		<i>Sloanea australis</i> *	
		<i>Streblus brunonianus</i>	
		<i>Syzygium australe</i>	
* Protected sites		<i>Syzygium francisii</i> *	

Tweed Catchment riparian species selection guide

North-eastern tributaries- including Cobaki, Bilambil and Duroby Creeks

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.

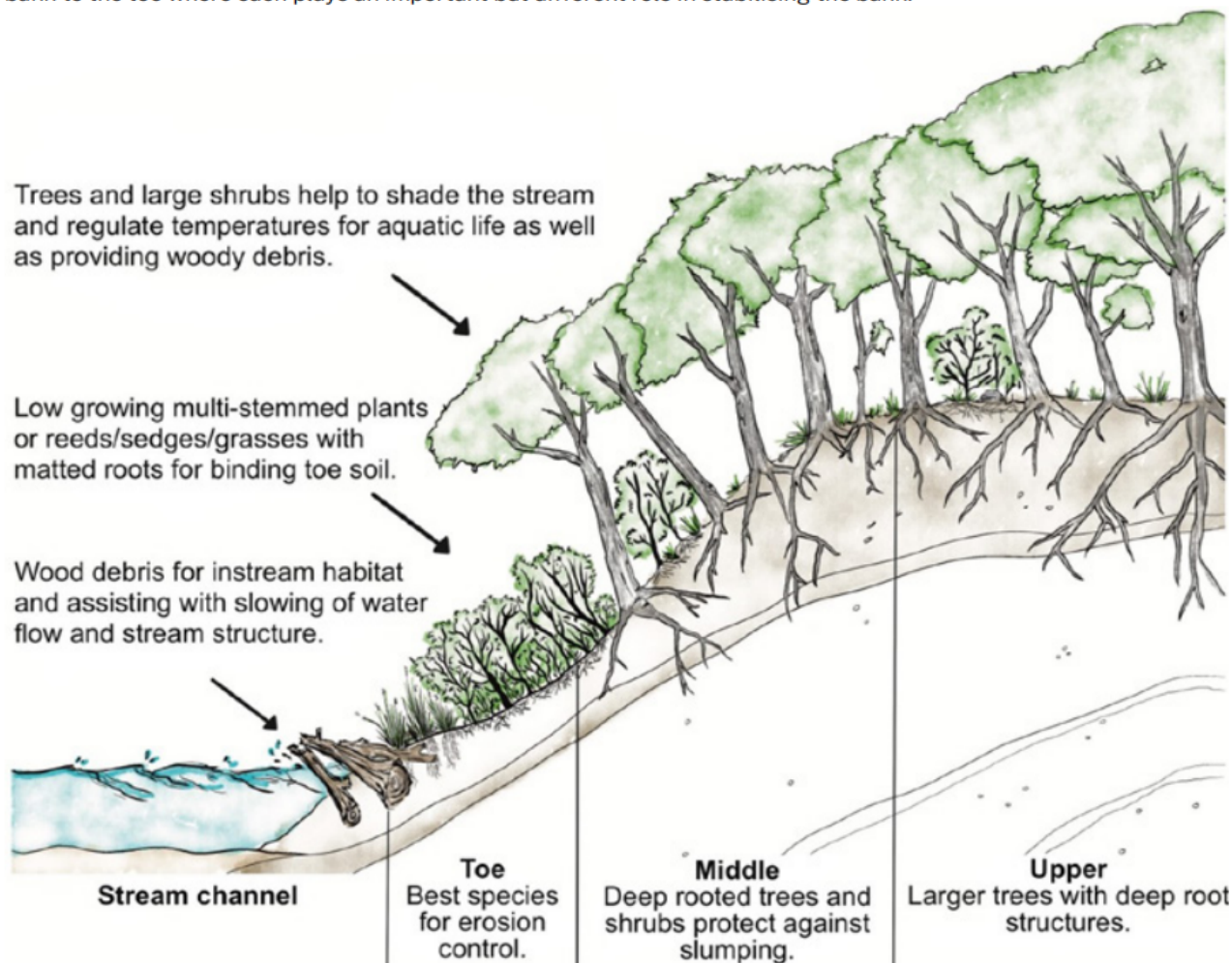


Image credit: Natalie Herington 2023

North Eastern Rivers	<i>Acmena smithii</i>	<i>Aphananthe philippinensis</i>	<i>Alphitonia excelsa</i>
Including Cobaki, Bilambil and Duroby Creeks	<i>rheophytic form</i>	<i>Archontophoenix cunninghamiana</i> *	<i>Baloghia inophylla</i>
	<i>Ficus coronata</i>	<i>Argyrodendron trifoliolatum</i> *	<i>Castanospora alphanthii</i>
	<i>Glochidion</i>	<i>Arytera distylis</i> *	<i>Cinnamomum oliveri</i>
	<i>ferdinandii</i>	<i>Cryptocarya obovata</i>	<i>Commersonia bartramia</i>
	<i>Lomandra hystrix</i>	<i>Diploglottis australis</i>	<i>Cryptocarya glaucescens</i>
	<i>Tristaniopsis laurina</i>	<i>Diploglottis campbellii</i>	<i>Dysoxylum mollissimum</i>
	<i>Syzygium</i>	<i>Elaeocarpus grandis</i> *	<i>Elaeocarpus grandis</i> *
	<i>floribundum</i> **	<i>Endiandra globosa</i>	<i>Endiandra pubens</i>
		<i>Glochidion ferdinandii</i>	<i>Ficus virens</i>
		<i>Mischocarpus pyriformis</i>	<i>Flindersia schottiana</i>
		<i>Neolitsea dealbata</i> *	<i>Glochidion ferdinandii</i>
		<i>Polyscias elegans</i>	<i>Olea paniculata</i>
		<i>Sloanea australis</i> *	<i>Pittosporum undulatum</i>
* protected sites		<i>Streblus brunonianus</i>	<i>Syzygium moorei</i>
** lower reaches		<i>Syzygium hodgkinsoniae</i> *	

Tweed Catchment riparian species selection guide

Estuarine zones- including Stotts Island, Wobul Creek, and Mooball Creek

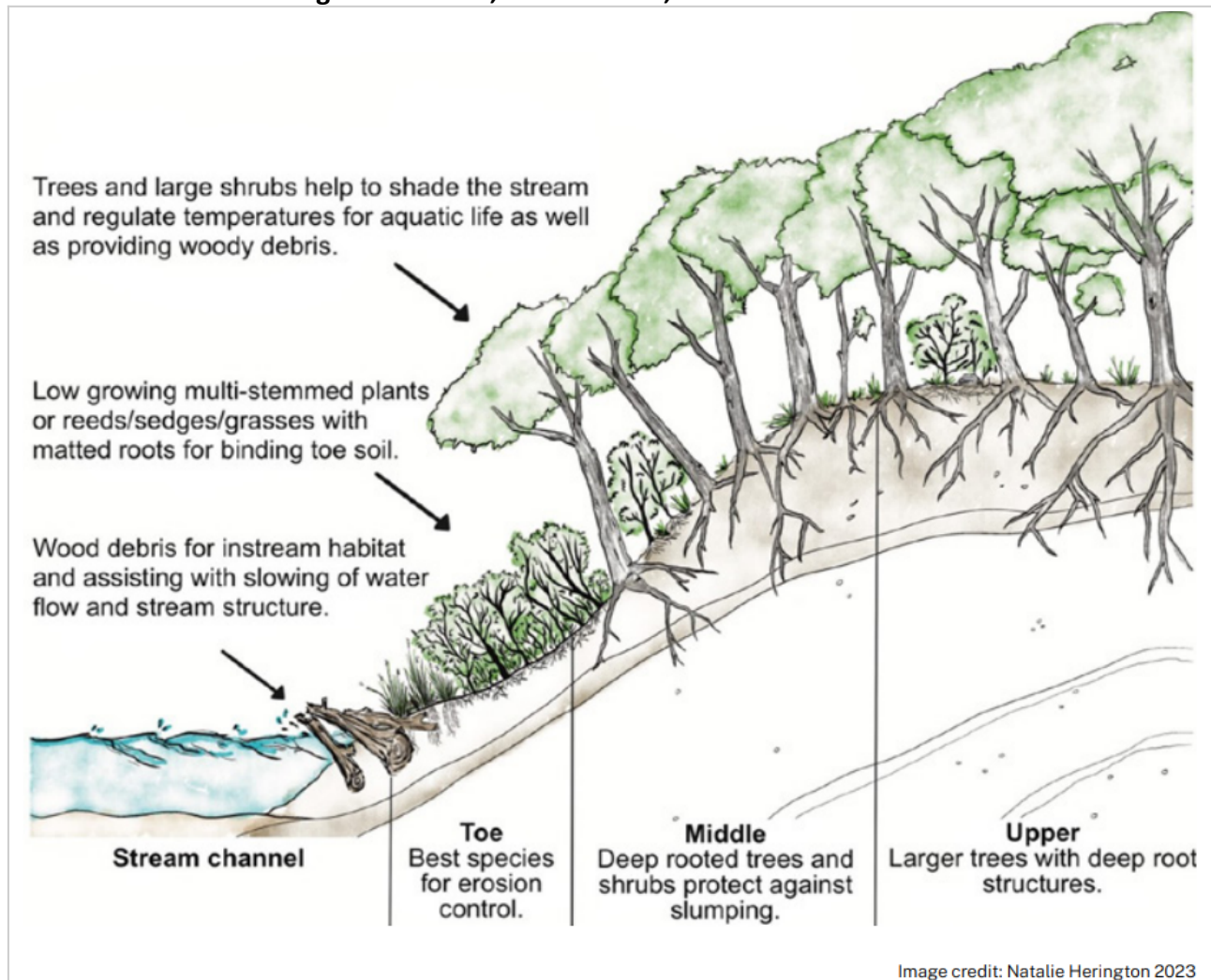


Image credit: Natalie Herington 2023

Estuarine zones	<i>Acmena smithii</i>	<i>Alphitonia excelsa</i>	<i>Alphitonia excelsa</i>
Includes Stotts Island, Wobul Creek, and Mooball Creek	<i>rheophytic form</i>	<i>Aphananthe philippinensis</i>	<i>Araucaria cunninghamii</i>
	<i>Ficus coronata</i>	<i>Araucaria cunninghamii</i>	<i>Commersonia bartramia</i>
	<i>Glochidion ferdinandii</i>	<i>Archontophoenix cunninghamiana</i> *	<i>Cryptocarya microneura</i>
	<i>Lomandra hystrix</i>	<i>Arytera distylis</i> *	<i>Elaeocarpus grandis</i> *
	<i>Lomandra longifolia</i>	<i>Austromyrtus bidwillii</i> *	<i>Elaeocarpus obovatus</i>
	<i>Syzygium floribundum</i>	<i>Celtis paniculata</i>	<i>Endiandra pubens</i>
		<i>Cryptocarya microneura</i>	<i>Flindersia schottiana</i>
		<i>Cryptocarya obovata</i>	<i>Glochidion ferdinandii</i>
		<i>Cryptocarya triplinervis</i>	<i>Lomandra longifolia</i>
		<i>Diploglottis australis</i>	<i>Olea paniculata</i>
		<i>Elaeocarpus grandis</i> *	<i>Syzygium moorei</i>
		<i>Elaeocarpus obovatus</i>	<i>Toona ciliata</i>
		<i>Glochidion ferdinandii</i>	
		<i>Glochidion sumatranum</i>	
		<i>Mischocarpus pyriformis</i>	
		<i>Podocarpus elatus</i>	
		<i>Polyscias elegans</i>	
	<i>Rhodomyrtus psidioides</i>		
	<i>Sloanea australis</i> *		
	<i>Streblus brunonianus</i>		
* protected sites	<i>Syzygium francisii</i> *		