

Native vegetation on riverbanks and in wetlands is important for erosion control, water quality and terrestrial and aquatic habitat.

Many Richmond catchment riverbanks are bare and eroding and subject to mass movement leading to loss of valuable farm land. As well as stabilising river banks, significant farm productivity improvements for both crops and livestock can be gained from the shelterbelt effects of native riparian vegetation.

Below are some examples of native vegetation that may be suitable for planting on riverbanks and in wetlands at freshwater and saline sites in the Richmond catchment.

Native riparian vegetation for freshwater sites

High bank

Botanical name	Common name	Form
<i>Acacia melanoxylon</i>	Blackwood	Tree
<i>Alphitonia excelsa</i>	Red ash	Tree
<i>Araucaria cunninghamii</i>	Hoop pine	Tree
<i>Commersonia bartramia</i>	Brown kurrajong	Tree
<i>Cryptocarya triplinervis</i>	Three-veined cryptocarya	Tree
<i>Cupaniopsis anacardioides</i>	Tuckeroo	Tree
<i>Cupaniopsis parvifolia</i>	Small-leaved Tuckeroo	Tree
<i>Elaeocarpus obovatus</i>	Hard quandong	Tree
<i>Jagera pseudorhus</i>	Foambark tree	Tree
<i>Lomandra longifolia</i>	Spiny-headed mat rush	Forb
<i>Mallotus philippensis</i>	Red kamala	Tree
<i>Eucalyptus microcorys</i>	Tallowwood	Tree
<i>Eucalyptus tereticornis</i>	Forest red gum	Tree
<i>Toona australis</i>	Red cedar	Tree

Mid bank

Botanical name	Common name	Form
<i>Acmena smithii</i> (var. minor)	Lilly pilly	Tree
<i>Calistmon saligna</i>	Weeping bottlebrush	Tree
<i>Castanospermum australe</i>	Black bean	Tree
<i>Casuarina glauca</i>	Swamp oak	Tree
<i>Eucalyptus grandis</i>	Flooded gum	Tree
<i>Eucalyptus robusta</i>	Swamp mahogany	Tree
<i>Ficus coronata</i>	Creek sandpaper fig	Tree
<i>Glochidion ferdinandi</i>	Cheese tree	Tree
<i>Grevillea robusta</i>	Silky oak	Tree
<i>Lomandra longifolia</i>	Spiny-headed mat rush	Forb
<i>Melaleuca quinquenervia</i>	Broad-leaved paperbark	Tree
<i>Streblus brunonianus</i>	Whalebone tree	Tree
<i>Syzygium australe</i>	Brush cherry	Tree
<i>Syzygium floribunda</i>	Weeping lilly pilly	Tree
<i>Tristaniopsis laurina</i>	Water gum	Tree

Water edge sites (toe)

Botanical name	Common name	Form
<i>Crinum pendunculatum</i>	Swamp lily	Forb
<i>Lomandra hystrix</i>	Mat rush	Forb
<i>Philydrum lanuginosum</i>	Frogsmouth	Forb
<i>Phragmites australis</i>	Common reed	Grass
<i>Triglochin procerum</i>	Water ribbons	Forb
<i>Typha orientalis</i>	Bullrush	Rush

Native wetland vegetation for freshwater sites

Seasonally inundated to shallow wetland sites

Botanical name	Common name	Form
<i>Baumea rubiginosa</i>	Spike rush	Rush
<i>Carex appressa</i>	Tussock sedge	Forb
<i>Cyperus polystachyos</i>	Sedge	Sedge
<i>Eleocharis acuta</i>	Common spike-rush	Rush
<i>Juncus usitatus</i>	Common rush	Rush
<i>Ludwigia peploides</i>	Water primrose	Herb
<i>Melaleuca quinquenervia</i>	Broad-leaf paperbark	Tree
<i>Persicaria decipiens</i>	Slender knotweed	Herb
<i>Persicaria hydropiper</i>	Water pepper	Herb
<i>Persicaria lapathifolia</i>	Pale knotweed	Herb
<i>Persicaria praetermissa</i>	Smartweed	Herb
<i>Persicaria strigosa</i>	Smartweed	Herb

Deeper wetland sites

Botanical name	Common name	Form
<i>Baumea articulata</i>	Jointed twigrush	Rush
<i>Bolboschoenus fluviatilis</i>	Marsh club rush	Rush
<i>Eleocharis sphacelata</i>	Tall spike-rush	Rush
<i>Lepironia articulata</i>	Grey rush	Rush
<i>Schoenoplectus mucronatus</i>	Club rush	Rush
<i>Schoenoplectus validus</i>	River club rush	Rush
<i>Triglochin procerum</i>	Water Ribbons	Emergent
<i>Typha orientalis</i>	Bullrush	Rush

Wetland grasses (shallow)

Botanical name	Common name	Form
<i>Arthraxon hispidus</i>	Hairy-joint grass	Grass
<i>Echinochloa telmatophila</i>	Swamp barnyard grass	Grass
<i>Isolepis inundata</i>	Isolepis	Sedge
<i>Leersia hexandra</i>	Swamp ricegrass	Grass
<i>Paspalum distichum</i>	Water couch	Grass
<i>Pseudoraphis spinescens</i>	Spiny mud grass	Grass

Wetland grasses (deeper sites)

Botanical name	Common name	Form
<i>Phragmites australis</i>	Common reed	Grass

Aquatic plants

Botanical name	Common name	Form
<i>Alisma plantago-aquatica</i>	Water plantain	Attached herb
<i>Azolla pinnata</i>	Ferny azolla	Free-floating fern
<i>Brasenia schreberi</i>	Watershield	Floating, attached
<i>Lemna</i> Spp.	Duckweeds	Free floating
<i>Marsipposiphon mutica</i>	Nardoo	Floating, attached
<i>Myriophyllum papillosum</i>	Common watermilfoil	Submerged
<i>Nymphoides indica</i>	Water snowflake	Floating, attached
<i>Nymphoides crenata</i>	Wavy marshwort	Floating, attached
<i>Nymphaea violacea</i>	Native waterlily	Floating, attached
<i>Nymphaea gigantea</i>	Giant waterlily	Floating, attached
<i>Ottelia ovalifolia</i>	Swamp lily	Floating, attached
<i>Potamogeton octandrus</i>	Pondweed	Submerged
<i>Potamogeton sulcatus</i>	Floating pondweed	Floating, attached
<i>Utricularia gibba</i>	Yellow bladderwort	Submerged

Saltwater sites – mangrove areas

Botanical name	Common name	Form
<i>Acrostichum speciosum</i>	Mangrove fern	Fern
<i>Aegiceras corniculatum</i>	River mangrove	Tree
<i>Avicennia marina</i> var. <i>australasica</i>	Grey or White mangrove	Tree
<i>Bruguiera gymnorhiza</i>	Black mangrove	Tree
<i>Excoecaria agallocha</i> var. <i>agallocha</i>	Milky mangrove	Shrub
<i>Rhizophora stylosa</i>	Spider mangrove	Tree

Estuarine riverbanks and saltmarsh fringe

Botanical name	Common name	Form
<i>Casuarina glauca</i>	Swamp oak	Tree
<i>Hibiscus tiliaceus</i>	Cottonwood hibiscus	Tree
<i>Isolepis nodosa</i>	Knobby club rush	Rush
<i>Juncus kraussii</i>	Sea rush	Rush
<i>Myoporum acuminatum</i>	Mangrove boobialla	Tree
<i>Phragmites australis</i>	Common reed	Grass
<i>Sporobolus virginicus</i>	Saltcouch	Grass