

## Riverbank planting guide: Richmond-Windsor floodplain

**Water shallows**

- Sedges and rushes in the water shallows to protect the toe from wave impact.
- Small trees and shrubs along with sedges and rushes to stabilise the bank toe.

**Slope of bank**

- Medium-sized trees with well developed root systems and understorey of shrubs and grasses to stabilise the soil on the steep slope.

**Top of bank and flood plain**

- Overstorey of large trees with deep root systems. Understorey of small trees and shrubs, and a ground cover of native grasses, herbs and ferns.

**Aquatic species**

- Bolboschoenus fluviatilis*
- Carex appressa*
- Eleocharis equisetina*
- Eleocharis sphacelata*
- Isolepis inundata*
- Phragmites australis*
- Typha orientalis*
- Schoenoplectus mucronatus*
- Schoenoplectus validus*

**Semi-aquatic species**

- Cyperus difformis*
- Cyperus exaltatus*
- Cyperus flaccidus*
- Cyperus polystachyos*
- Isolepis nodosa*
- Juncus continuus*
- Juncus kraussii*
- Juncus planifolius*
- Juncus prismatocarpus*
- Juncus usitatus*
- Phragmites australis*
- Paspalum distichum*
- Persicaria strigosa*

**Shrubs and trees**

- Acacia floribunda* (Sally Wattle)
- Acacia longifolia* (Sydney Golden Wattle)
- Casuarina cunninghamiana* (River She-oak)
- Casuarina glauca* (Swamp Oak)
- Ficus coronata* (Sandpaper Fig)
- Lepidospermum polygalifolium* (Lemon-scented Tea Tree)
- Melaleuca styphelioides* (Prickly-leaved Paperbark)
- Tristaniopsis laurina* (Water Gum)

**Canopy**

- Acacia binervia* (Coast Myall)
- Acmena smithii* (Lilly-Pilly)
- Angophora bakeri* (Narrow-leaved Apple)
- Angophora floribunda* (Rough-barked Apple)
- Eucalyptus amplifolia* (Cabbage Gum)
- Eucalyptus deanei* (Mountain Bluegum)
- Eucalyptus robusta* (Swamp Mahogany)
- Eucalyptus saligna* (Sydney Blue Gum)
- Eucalyptus tereticornis* (Forest Red Gum)
- Ficus rubiginosa* (Port Jackson Fig)
- Glochidion ferdinandi* (Cheese Tree)
- Melaleuca decora* (White Honey Myrtle)
- Melaleuca linariifolia* (Snow-in-Summer)
- Melia azedarach* (White Cedar)
- Syncarpia glomulifera* (Turpentine)
- Tristaniopsis laurina* (Water Gum)

**Understorey**

- Acacia floribunda* (Sally Wattle)
- Acacia longifolia* (Sydney Golden Wattle)
- Acacia parramattensis* (Parramatta Green Wattle)
- Backhousia myrtifolia* (Grey Myrtle)
- Baeckea virginata* (Baeckea)
- Breynia oblongifolia* (Breynia)
- Bursaria spinosa* (Native Blackthorn)
- Callicoma serratifolia* (Black Wattle)
- Callistemon salignus* (Willow Bottlebrush)
- Clerodendrum tomentosum* (Hairy Clerodendrum)
- Grevillea mucronulata* (Green Spider Flower)
- Hymenanthera dentata* (Tree Violet)
- Leptospermum polygalifolium* (Lemon-scented Tea Tree)
- Melaleuca styphelioides* (Prickly-leaved Paperbark)
- Trema aspera* (Native Peach)

**Ground level**

- Adiantum aethiopicum*
- Agrostis avenacea*
- Commelinia cyanea*
- Entolasia stricta*
- Imperata cylindrica*
- Lomandra longifolia*
- Microlaena stipoides*
- Opismenus aemulus*
- Pteridium esculentum*
- Stipa verticillata*

## Native Riverbank Plants: Richmond-Windsor floodplain

Botanical name	Common name	Growth form	Height	Suggested mode of operation
<i>Acacia binervia</i>	Coast Myall	Tree	to 5m	Heat treated seed
<i>Acacia floribunda</i>	Sally Wattle	Tree/shrub	2 - 10m	Heat treated seed
<i>Acacia longifolia</i>	Sydney Golden Wattle	Tree/shrub	3 - 4m	Seed
<i>Acacia parramattensis</i>	Parramatta Green Wattle	Tree/shrub	to 8m	Heat treated seed
<i>Acmena smithii</i>	Lilly Pilly	Tree/shrub	to 20m	Cuttings or fresh seed
<i>Adianthum aethiopicum</i>	Maidenhair Fern	Fern	15 - 40cm	Transplant
<i>Agrostis avenacea</i>	Blown Grass	Grass	to 80cm	Seed
<i>Angophora bakeri</i>	Narrow-leaved Apple	Tree	2 - 10m	Seed
<i>Angophora floribunda</i>	Rough-barked Apple	Tree	15m	Seed
<i>Backhousia myrtifolia</i>	Grey Myrtle	Tree/shrub	3 - 4m	Seed or cuttings
<i>Baeckea virgata</i>	Baeckea	Shrub	2 - 4m	Seed or cuttings
<i>Bolboschoenus fluviatilis</i>	Marsh Clubrush	Rush	to 1m	Division or transplant tubers
<i>Breynia oblongifolia</i>	Breynia	Shrub	2 - 3m	Cuttings or seed
<i>Bursaria spinosa</i>	Native Blackthorn	Shrub	2 - 3m	Seed or cuttings
<i>Callicoma serratifolia</i>	Black Wattle	Tree/shrub	4 - 5m	Seed
<i>Callistemon salignus</i>	Willow Bottlebrush	Tree/shrub	3 - 4m	Seed or cuttings
<i>Carex appressa</i>	Carex	Sedge	70 - 100cm	Seed or division/transplant
<i>Casuarina cunninghamiana</i>	River She-oak	Tree	20 - 35m	Seed
<i>Casuarina glauca</i>	Swamp Oak	Tree/shrub	20m	Seed
<i>Clerodendrum tomentosum</i>	Hairy Clerodendrum	Tree/shrub	2 - 4m	Seed or cuttings
<i>Commelinia cyanea</i>	Scurvy Weed	Herb	15cm	Stem cuttings
<i>Cyperus difformis</i>	Tall Flat Sedge	Sedge	1m	Seed, cuttings or transplant
<i>Cyperus exaltatus</i>	Common Hop Bush	Sedge	1m	Seed, cuttings or transplant
<i>Cyperus flaccidus</i>	Spike Rush	Sedge	1m	Seed, cuttings or transplant
<i>Cyperus polystachyos</i>	Tall Spike Rush	Rush	2m	Seed, cuttings or transplant
<i>Dodonaea triquetra</i>	Wiry Panic	Grass	30cm	Division or fresh seed
<i>Eleocharis equisetina</i>	Cabbage Gum	Tree	15m	Division or fresh seed
<i>Entolasia stricta</i>	Mountain Bluegum	Tree	to 50m	Seed
<i>Eucalyptus amplifolia</i>	Swamp Mahogany	Tree	20 - 30m	Seed
<i>Eucalyptus deanei</i>	Sydney Blue Gum	Tree	30 - 50m	Seed
<i>Eucalyptus robusta</i>	Forest Red Gum	Tree	30 - 40m	Seed
<i>Eucalyptus saligna</i>	Sandpaper Fig	Tree	3 - 4m	Fresh seed or cuttings
<i>Eucalyptus tereticornis</i>	Port Jackson Fig	Tree	4 - 10m	Fresh seed or cuttings
<i>Ficus coronata</i>	Cheese Tree	Tree/shrub	4 - 8m	Seed or cuttings
<i>Ficus rubiginosa</i>	Green Spider Flower	Shrub	1 - 2m	Cuttings or seed
<i>Glochidion ferdinandi</i>	Mat Grass	Grass	30 - 80cm	Seed
<i>Grevillea mucronulata</i>	Tree Violet	Shrub	3m	Seed
<i>Hemarthria uncinata</i>	Harsh Ground Fern	Fern	30 - 100cm	Transplant
<i>Hymenanthera dentata</i>	Blady Grass	Grass	1m	Seed
<i>Hypolepis muelleri</i>	Swamp Club Rush	Rush	30cm	Seed
<i>Imperata cylindrica</i>	Knobby Club Rush	Rush	70cm	Seed
<i>Isolepis inundata</i>	Sea Rush	Rush	60 - 100cm	Seed or division
<i>Isolepis nodosa</i>	Broad-leaf Rush	Rush	1 - 2m	Seed or division
<i>Juncus continuus</i>	Branching Rush	Rush	40cm	Seed or division
<i>Juncus kraussii</i>	Common Rush	Rush	20 - 40cm	Seed or division
<i>Juncus planifolius</i>	Lemon-scented Tea Tree	Rush	1m	Seed or division
<i>Juncus prismatocarpus</i>	Mat Rush	Shrub	2.5m	Seed
<i>Juncus usitatus</i>	White Honey Myrtle	Rush	1.5m	Seed or division of clumps
<i>Leptospermum polygalifolium</i>	Snow in Summer	Tree/shrub	6 - 20m	Seed
<i>Lomandra longifolia</i>	Prickly-leaved Paperbark	Tree/shrub	8m	Seed
<i>Melaleuca decora</i>	White Cedar	Tree	6 - 15m	Seed
<i>Melaleuca linariifolia</i>	Weeping Grass	Tree	3 - 8m	Seed
<i>Melaleuca stypeliaeoides</i>	Basket Grass	Grass	15 - 70cm	Seed
<i>Melia azedarach</i>	Water Couch	Grass	20cm	Transplant
<i>Microlaena stipoides</i>	Spotted Knotweed	Herb	1m	Seed or cuttings
<i>Oplismenus aemulus</i>	Common Reed	Reed	2m	Seed, cuttings or tubers
<i>Paspalum distichum</i>	Bracken Fern	Fern	1 - 1.5m	Transplant
<i>Persicaria strigosa</i>	Multron Wood	Tree/shrub	2 - 3m	Seed or cuttings
<i>Phragmites australis</i>	River Club Rush	Rush	40 - 70cm	Seed or division of clumps
<i>Pteridium esculentum</i>	Slender Bamboo Grass	Rush	1.5m	Seed or division of clumps
<i>Rapanea variabilis</i>	Turpentine	Grass	2m	Seed or transplant
<i>Schoenoplectus mucronatus</i>	Native Peach	Tree	40m	Seed or transplant
<i>Schoenoplectus validus</i>	Water Peach	Tree/shrub	3 - 6m	Seed
<i>Stipa verticillata</i>	Water Gum	Tree	4 - 10m	Seed or cuttings
<i>Synnarria glomerulifera</i>	Bullrush, Cumbungi	Rush	2 - 3m	Division and transplant



The Riverbank Management Program aims to assist landholders to better understand current riverbank problems and how to address them. This Information Sheet is one of a series contained in the Riverbank Management Program Information Package that provides information and practical guidance on better riverbank management. The Program also includes the development of local demonstration sites showing different riverbank management techniques. Reducing the rate of erosion and improving the native vegetation cover and habitat value of riverbanks will lead to improvements in water quality and recreational amenity and increased attractiveness and scenic quality of riverside areas.

The Program is a partnership between the Hawkesbury Nepean Catchment Management Trust, the Department of Land and Water Conservation and the community, assisted by a Natural Heritage Trust grant.

### For more information contact:

Hawkesbury-Nepean Catchment Management Trust on 02 4577 4243 or

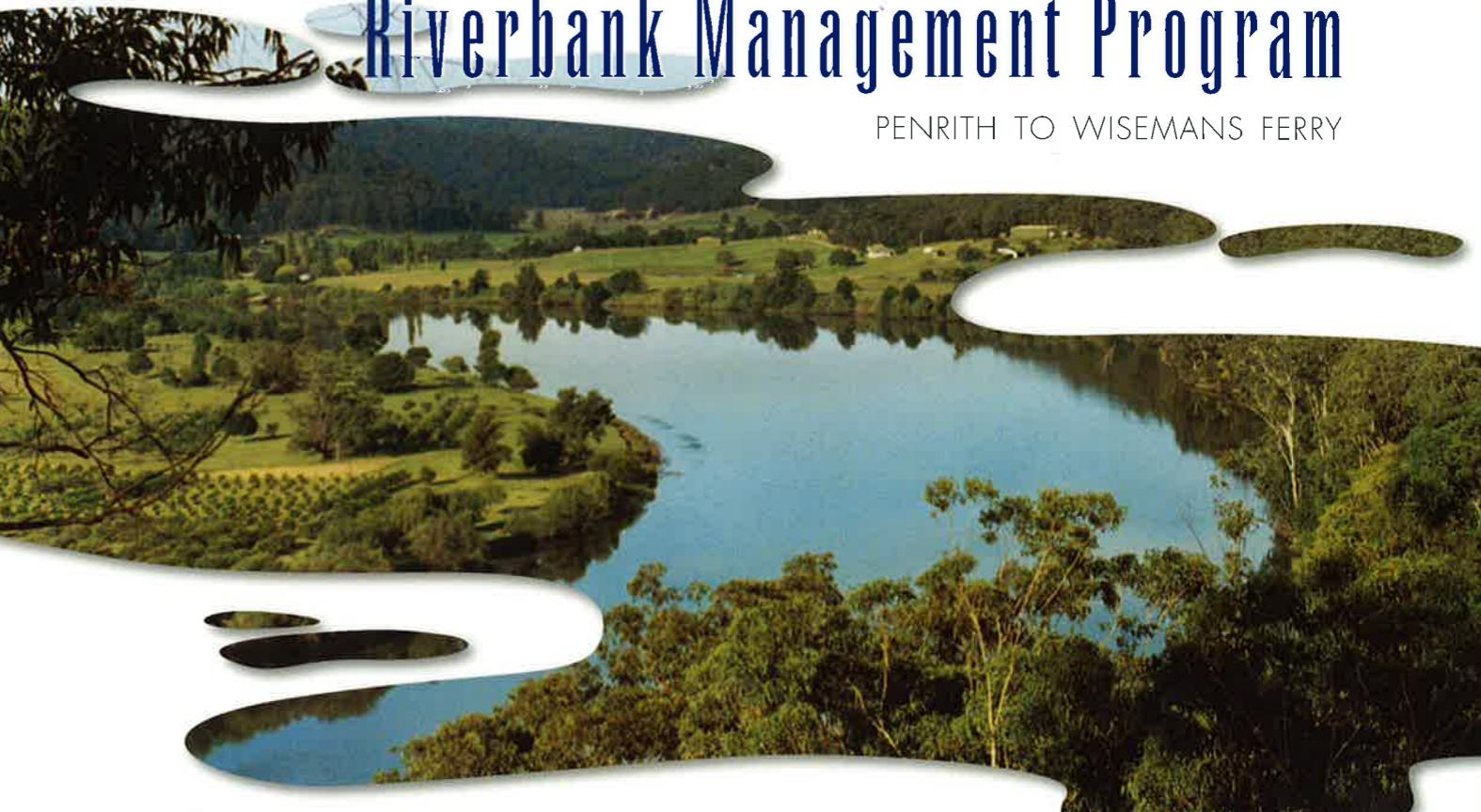
Catchment Manager, Department of Land and Water Conservation on 02 4722 1101

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# Riverbank Management Program

PENRITH TO WISEMANS FERRY



## Riverbank planting guide: Richmond-Windsor floodplain

Information Sheet No. 4

This Information Sheet is one of a series contained in the Riverbank Management Program Information Package.

For copies phone 02 4577 4243.

### What to plant where?

### What is this guide and how do I use it?

Selecting the right plants to grow on the riverbank is a crucial factor in the success of a revegetation program. Native plants that occur naturally in the planting area are ideal for revegetation. They are adapted to the soil and climatic conditions of the area, need less maintenance than many introduced species and are best suited for restoring the habitat for native animals. Different plants grow on different sections of the River and this is an important factor to recognise when you are planning your revegetation.

This guide provides a simple reference to which plant species to plant on the Richmond-Windsor floodplain and also guides the placement of plants on the bank itself - from the waters edge to the top of the bank.

There are three planting guides, one each for the Penrith, Richmond-Windsor and Lower Hawkesbury floodplains.

