

THE HAWKESBURY-NEPEAN

Riverbank Management Program

PENRITH TO WISEMANS FERRY

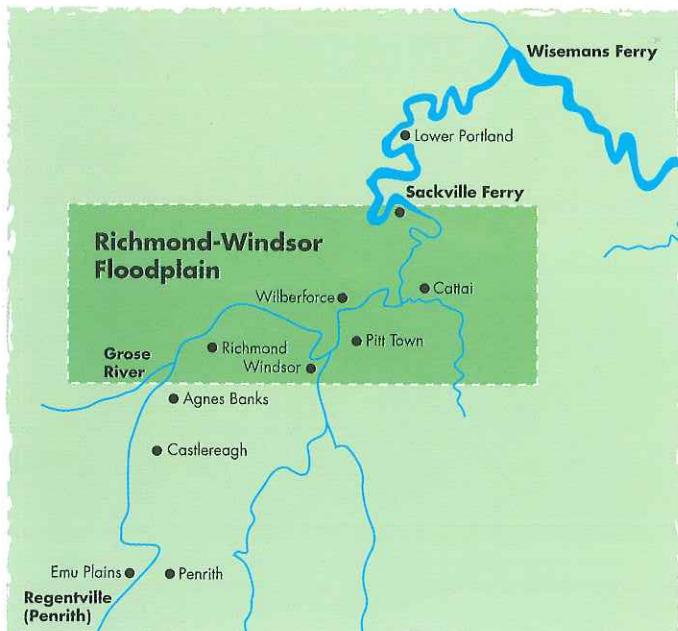


Riverbank planting guide: Richmond-Windsor floodplain

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?

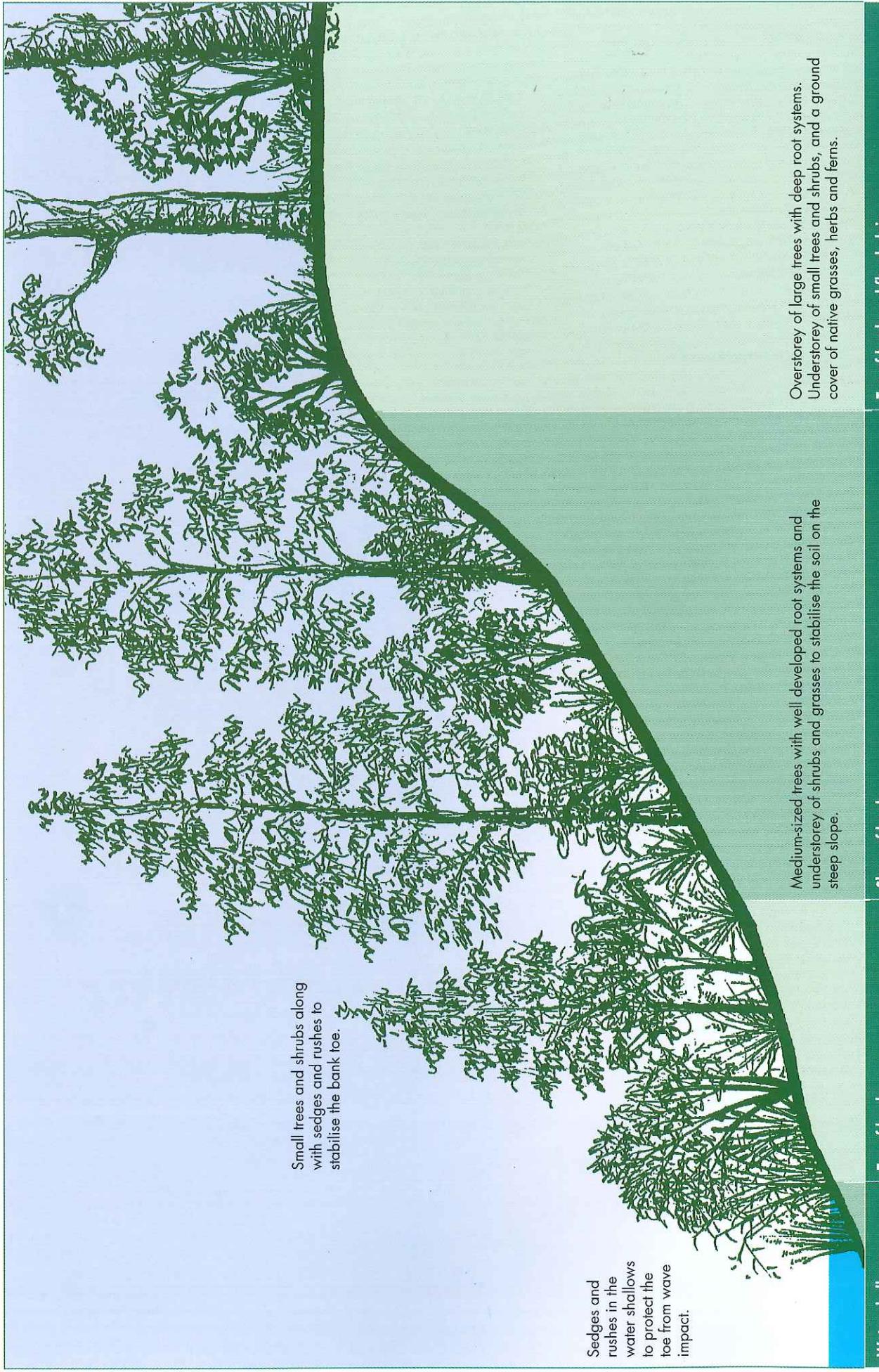
What is this guide and how do I use it?

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.

Riverbank planting guide: Richmond-Windsor floodplain



Aquatic species

<i>Bolboschoenus fluviatilis</i>	
<i>Carex appressa</i>	<i>Acacia floribunda</i> (Sally Wattle)
<i>Eleocharis equisetina</i>	<i>Acacia longifolia</i> (Sydney Golden Wattle)
<i>Eleocharis sphacelata</i>	
<i>Isolepis inundata</i>	<i>Casuarina cunninghamiana</i> (River She-oak)
<i>Phragmites australis</i>	<i>Casuarina glauca</i> (Swamp Oak)
<i>Typha orientalis</i>	<i>Ficus coronata</i> (Sandpaper Fig)
<i>Schoenoplectus mucronatus</i>	<i>Leptospermum polygalifolium</i> (Lemon-scented Tea Tree)
<i>Schoenoplectus validus</i>	<i>Melaleuca styphelioides</i> (Prickly-leaved Paperbark)
	<i>Tristaniopsis laurina</i> (Water Gum)

Shrubs and trees

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

Canopy

<i>Acacia binervia</i> (Coast Myall)
<i>Acmena smithii</i> (Iilly-Pilly)
<i>Angophora bakeri</i> (Narrow-leaved Apple)
<i>Angophora floribunda</i> (Rough-barked Apple)
<i>Casuarina cunninghamiana</i> (River She-oak)
<i>Casuarina glauca</i> (Swamp Oak)
<i>Ficus coronata</i> (Sandpaper Fig)
<i>Leptospermum polygalifolium</i> (Lemon-scented Tea Tree)
<i>Melaleuca styphelioides</i> (Prickly-leaved Paperbark)
<i>Tristaniopsis laurina</i> (Water Gum)

Ground level

<i>Cyperus difformis</i>
<i>Cyperus exaltatus</i>
<i>Cyperus flaccidus</i>
<i>Cyperus polystachyos</i>
<i>Hemimaritia uncinata</i>
<i>Hypolepis muelleri</i>
<i>Lomandra longifolia</i>
<i>Juncus planifolius</i>
<i>Juncus prismatocarpus</i>
<i>Juncus usitatus</i>
<i>Phragmites australis</i>
<i>Paspalum distichum</i>
<i>Persicaria strigosa</i>

Understorey

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

Understorey

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

Ground level

<i>Adiantum aethiopicum</i>
<i>Agrostis avenacea</i>
<i>Commelinia cyanea</i>
<i>Entolasia stricta</i>
<i>Imperata cylindrica</i>
<i>Lomandra longifolia</i>
<i>Microlaena stipoides</i>
<i>Opismenus aemulus</i>
<i>Pteridium esculentum</i>
<i>Stipa verticillata</i>

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<i>Adiantum aethiopicum</i>
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<i>Stipa verticillata</i>

Native Riverbank Plants: Richmond-Windsor floodplain

Botanical name	Common name	Growth form	Height	Suggested mode of operation
<i>Acacia binervia</i>	Coast Wattle	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	Rush	2m	Seed, cuttings or transplant
<i>Cyperus polystachyos</i>	Tall Spike Rush	Rush	30cm	Seed, cuttings or transplant
<i>Dodonaea triquetra</i>	Wiry Panic	Grass	15m	Seed
<i>Eleocharis equisetina</i>	Cabbage Gum	Tree	to 50m	Division or fresh seed
<i>Eleocharis sphacelata</i>	Mountain Blue gum	Tree	20 – 30m	Division or fresh seed
<i>Entolasia stricta</i>	Swamp Mahogany	Tree	30 – 50m	Seed
<i>Eucalyptus amplifolia</i>	Sydney Blue Gum	Tree	30 – 40m	Seed
<i>Eucalyptus deanei</i>	Forest Red Gum	Tree	3 – 4m	Fresh seed or cuttings
<i>Eucalyptus robusta</i>	Sandpaper Fig	Tree	4 – 10m	Fresh seed or cuttings
<i>Eucalyptus saligna</i>	Port Jackson Fig	Tree/shrub	4 – 8m	Seed or cuttings
<i>Eucalyptus tereticornis</i>	Cheese Tree	Shrub	1 – 2m	Cuttings or seed
<i>Ficus coronata</i>	Green Spider Flower	Shrub	30 – 80cm	Seed
<i>Ficus rubiginosa</i>	Mat Grass	Grass	3m	Seed
<i>Glochidion ferdinandi</i>	Tree Violet	Shrub	30 – 100cm	Transplant
<i>Grevillea mucronulata</i>	Harsh Ground Fern	Fern	1m	Seed
<i>Hemarthria uncinata</i>	Blady Grass	Grass	60 – 100cm	Seed or division
<i>Hymenantha dentata</i>	Swamp Club Rush	Rush	1 – 2m	Seed or division
<i>Hypolepis muelleri</i>	Knobby Club Rush	Rush	40cm	Seed or division
<i>Imperata cylindrica</i>	Sea Rush	Rush	20 – 40cm	Seed or division
<i>Isolepis inundata</i>	Broad-leaf Rush	Rush	1m	Seed or division
<i>Isolepis nodosa</i>	Branching Rush	Rush	1m	Seed or division
<i>Juncus continuus</i>	Common Rush	Rush	1m	Seed or division
<i>Juncus kraussii</i>	Lemon-scented Tea Tree	Shrub	2.5m	Seed
<i>Juncus planifolius</i>	Mat Rush	Rush	1.5m	Seed or division of clumps
<i>Juncus prismatocarpus</i>	White Honey Myrtle	Tree/shrub	6 – 20m	Seed
<i>Juncus usitatus</i>	Snow in Summer	Tree/shrub	8m	Seed
<i>Leptospermum polygalifolium</i>	Prickly-leaved Paperbark	Tree/shrub	6 – 15m	Seed
<i>Lomandra longifolia</i>	White Cedar	Tree	3 – 8m	Seed
<i>Melaleuca decora</i>	Weeping Grass	Grass	15 – 70cm	Seed
<i>Melaleuca linearifolia</i>	Basket Grass	Grass	20cm	Seed
<i>Melaleuca stypelioides</i>	Water Couch	Grass	20cm	Transplant
<i>Melia azedarach</i>	Spotted Knotweed	Herb	1m	Seed or cuttings
<i>Microlaena stipoides</i>	Common Reed	Reed	2m	Seed, cuttings or tubers
<i>Oplismenus aemulus</i>	Bracken Fern	Fern	1 – 1.5m	Transplant
<i>Paspalum distichum</i>	Mutton Wood	Tree/shrub	2 – 3m	Seed or cuttings
<i>Persicaria strigosa</i>	River Club Rush	Rush	40 – 70cm	Seed or division of clumps
<i>Phragmites australis</i>	Slender Bamboo Grass	Rush	1.5m	Seed or division of clumps
<i>Pteridium esculentum</i>	Turpentine	Grass	2m	Seed or transplant
<i>Rapanea variabilis</i>	Native Peach	Tree	40m	Seed or transplant
<i>Schoenoplectus muricatus</i>	Water Gum	Tree/shrub	3 – 6m	Seed
<i>Schoenoplectus validus</i>	Bullrush, Cumbungi	Tree	4 – 10m	Seed or cuttings
<i>Stipa verticillata</i>		Rush	2 – 3m	Division and transplant
<i>Syncarpia glomulifera</i>				
<i>Trema aspera</i>				
<i>Tristaniopsis laurina</i>				
<i>Typha orientalis</i>				



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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