## SOUTH GIPPSLAND SHIRE PLANT SPECIES GUIDE FOR REVEGETATING WATERWAYS IN URBAN DEVELOPMENTS

## BIOREGIONS PRESENT IN MAIN URBAN AREAS: Gippsland Plains (GipP) Strzelecki Ranges (Strz)

ECOLOGICAL VEGETATION CLASSES (EVCs) COMMONLY LOCATED ALONG WATERWAYS

WATERWAY MANAGEMENT ZONE

SOUTH GIPPSLAND PLANT SPECIES		Lowland Forest (GipP, Strz)	Riparian Forest (GipP, Strz)	Damp Forest (GipP, Strz)	Swamp Scrub (GipP, Strz)	Floodplain Riparian Woodland (GipP)	Swampy Riparian Woodland (GipP, Strz)	Wetland and Sediment Pont/WSUD Zone	Low Bank - Channel Zone	Primary Buffer Zone	Secondary Buffer Zone
Botanical Name	Common Name	EVC 16	EVC 18	EVC 29	EVC53	EVC56	EVC 83	W &/OR S	LB	PB	SB
Medium-Large Trees											
Acacia dealbata	Silver Wattle										
Acacia implexa	Lightwood										
Acacia melanoxylon	Blackwood										
Eucalyptus camaldulensis	River Red-gum										
Eucalyptus consideniana	Yertchuk										
Eucalyptus croajingolensis	Gippsland Peppermint										
Eucalyptus cypellocarpa	Mountain Grey Gum										
Eucalyptus obliqua	Messmate Stringybark										
Eucalyptus ovata	Swamp Gum										
Eucalyptus radiata s.l.	Narrow-leaf Peppermint										
Eucalyptus sieberi	Silvertop Ash										
Eucalyptus strzeleckii	Strzelecki Gum										
Eucalyptus tereticornis ssp. mediana	Gippsland Red Gum										
Eucalyptus viminalis	Manna Gum										
Small Trees/Large Shrubs	'										
Bedfordia arborescens	Blanket-leaf										
Leptospermum lanigerum	Woolly Tea-Tree										
Melaleuca ericifolia	Swamp Paperbark										
Pomaderris aspera	Hazel Pomaderris										
Medium Shrubs (2-5m)	1										
Acacia mucronata ssp. longifolia	Narrow-leaf Wattle										
Acacia verticillata	Prickly Moses										
Banksia marginata	Silver Banksia										
Bursaria spinosa	Sweet Bursaria										

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Botanical Name	Common Name	EVC 16	EVC 18	EVC 29	EVC53	EVC56	EVC 83	W &/OR S	LB	РВ	SB
Coprosma quadrifida	Prickly Currant-bush										
Epacris impressa	Common Heath										
Medium Shrubs (2-5m) (continu	ued)										
Hymenanthera dentata s.l.	Tree Violet										
Leptospermum continentale	Prickly Tea-tree										
Leptospermum myrsinoides	Heath Tea-tree										
Leucopogon lanceolatus var. lanceolatus	Lance Beard-heath										
Olearia lirata	Snowy Daisy-bush										
Ozothamnus ferrugineus	Tree Everlasting										
Polyscias sambucifolia	Elderberry Panax										
Small Shrubs/Prostrate Shrubs	(<2m)										
Acrotriche serrulata	Honey-pots										
Amperea xiphoclada var. xiphoclada	Broom Spurge										
Goodenia ovata	Hop Goodenia										
Graminoids (tufted and non-tuf	fted, various sizes)										
Baumea rubiginosa s.l.	Soft Twig-rush										
Carex appressa	Tall Sedge										
Cyperus lucidus	Leafy Flat-sedge										
Dianella caerulea var. carulea	Paroo Lily										
Dianella tasmanica	Tasman Flax-lily										
Eleocharis acuta	Common Spike-sedge										
Juncus amabilis	Hollow Rush										
Juncus gregiflorus	Green Rush										
Juncus procerus	Tall Rush										
Lomandra longifolia	Spiny-headed Mat Rush										
Microlaena stipoides var. stipoides	Weeping Grass										
Poa australis spp. agg	Tussock Grass										
Poa labillardierei	Common Tussock Grass										
Poa tenera	Slender Tussock Grass										
Microlaena stipoides	Weeping Grass										
Themeda triandra	Kangaroo Grass										
Triglochin procerum s.l.	Water Ribbons										

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Xanthorrhoea minor ssp. lutea	Small Grass-tree										
Ground Layer Herbs (<1m)											
Acaena novea-zelandiae	Bidgee-widgee										
Dichondra repens	Kidney Weed										
Gonocarpus tetragynus	Common Raspwort										
Hydrocotyle hirta	Hairy Pennywort										
Lobelia anceps	Angled Lobelia										
Lycopus australis	Australian Gypsywort										
Lythrum salicaria	Purple Loosestrife										
Persicaria praetermissa	Spotted Knotweed										
Persicaria subsessilis	Hairy Knotweed										
Viola hederacea	Ivy-leaf Violet										
Creepers/Climbers/Scramblers											
Billardiera scandens	Common Apple-berry										
Clematis aristata	Mountain Clematis										
Smilax australis	Austral Sarsaparilla										
Ferns											
Blechnum cartilagineum	Gristle Fern										
Blechnum minus	Soft Water-fern										
Blechnum nudum	Fishbone Water-fern										

## Notes:

- 1 The EVCs listed in the table are most commonly found in main towns throughout the municipality. Other EVCs may apply to outlying areas/towns/specific areas. The applicable Bioregion and EVC for the site should be checked on NatureKit maps at www.environment.vic.gov.au/biodiversity/naturekit prior to finalisation of the planting list for a site.
- 2 In some locations the prevailing EVC will be listed as a 'complex' which may consist of a number of species from various EVCs.
- Some species have been omitted from the list due to suitability, performance, small size, lack of commercial availability or tendency for weediness. For example, small, short-lived herbs or ground ferns that require a well-protected area under established vegetation, may be difficult to grow or will perform poorly when planted on cleared and exposed revegetation sites. *Phragmites australis* (Common Reed) is found in local EVCs, but is not recommended for new revegetation planting as it often requires regular control to stop it from taking over other plants in the same zone.
- 4 Pre-ordering of plants should take place as soon as the waterway management plan and detailed landscape plans have been approved. The lead time for sourcing and growing stock for larger projects may take up to six months.
- 5 Species selection for the 'conservation zone' are not identified in the table as the recommendations for this zone will depend on what is being conserved and recommendations for protection.
- Species selection for the 'recreation zone' are not identified in the table as species may be selected that are not from the local EVC. For example, cultivars selected for their flowers/foliage may be chosen for this zone.
- Within the 'service zone' trees and medium to large shrub species are generally <u>not</u> permitted. Check with relevant authority as to what species will be approved within this zone.
- Plants identified for use in the 'wetland and sediment pond/WSUD Zone' will depend on the type of WSUD asset and the design. For example, wetlands are normally designed to include open water, submerged marsh, deep marsh, marsh, shallow marsh and littoral zones which all have different water depths. Plant species and their optimal growing conditions will need to be considered when selecting plants for each zone.
- The species identified for each management zone provides a guide only. Species for each zone need to be selected based on the local Bioregion and EVC as well as the conditions of the site. For example, the primary buffer on one site may be subject to frequent inundation with wet/moist soils, yet on another site the primary buffer will have well-draining soils that are not subject to frequent inundation.