22.08 PROTECTION OF BIODIVERSITY

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This policy applies to land covered by an ESO1, ESO2, and ESO3 Overlay.

22.08-1 Policy Basis

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The incorporated map 'Sites of Remnant Vegetation' (Biosis 2001) shows the location of sites containing remnant vegetation in the City of Yarra.

Few areas of remnant vegetation remain in Yarra except those along the Yarra River and the northern waterways. A number of remnant indigenous plants within Yarra are considered to be of regional conservation significance, and areas of regional, high local, and local significant vegetation have been identified in the Natural Heritage Study undertaken by Biosis (2001). These areas of significant vegetation are under threat from development including by the invasion of pest plants.

22.08-2 Objectives

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- To protect and enhance Yarra's natural biodiversity.
- To protect the long term survival and viability of remnant vegetation.
- To ensure the survival of indigenous species.
- To minimise the impacts of introduced flora and fauna on indigenous vegetation.
- To manage sites to allow for the natural regeneration of indigenous vegetation.

22.08-3 Policy

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It is policy that:

- Areas of remnant vegetation not be disturbed.
- The disturbance of non-remnant indigenous vegetation be minimised.
- A landscape plan be approved by Council before a development commences.
- Indigenous species, as identified in Table 1 or as certified (as being indigenous) by a qualified horticulturalist be used.
- Environmental weed species as identified in Table 2 not be used.

Table 1 Indigenous plants

Trees (over 6m)		
Acacia dealbata	Silver Wattle	*
Acacia implexa	Lightwood	*
A. mearnsii	Black Wattle	*
A. melanoxylon	Blackwood	*
Allocasuarina littoralis	River Sheoak	
Allocasuarina verticillata	Drooping Sheoak	*
Eucalyptus camaldulensis	River Red Gum	*
E. leucoxylon ssp. connata	Yellow Gum	*
E. melliodora	Yellow Box	*
Eucalyptus ovata	Swamp Gum	*
Eucalyptus radiata	Narrow-leaf Peppermint	*
Eucalyptus viminalis	Manna Gum	

Tall Shrubs (2m - 6m)		
Acacia paradoxa	Hedge Wattle	*
Acacia pycnantha	Golden Wattle	*
Banksia marginata	Silver Banksia	
Bursaria spinosa	Sweet Bursaria	*
Callistemon sieberi	River Bottlebrush	*
Cassinia aculeata	Common Cassinia	*
Dodonaea viscosa	Wedge-leaf Hop-bush	*
Gynatrix pulchella	Hemp Bush	*
Hymenanthera dentata	Tree Violet	*
Leptospermum lanigerum	Woolly Tea Tree	*
Leptospermum obovatum	River Tea Tree	*
Melaleuca ericifolia	Swamp Paperbark	*
Myoporum viscosum	Sticky Boobialla	
Pomaderris aspera	Hazel Pomaderris	*
Smaller Shrubs (under 2m)		
Acacia acinacea	Gold Dust Wattle	
Correa glabra	Rock Correa	*
Dillwynia cinerascens	Grey Parrot Pea	*
Goodenia ovata	Hop Goodenia	*
Grevillea rosmarinifolia	Rosemary Grevillea	*
Olearia ramulosa	Twiggy Daisy Bush	*
Pultanea daphnoides	Large-leaf Bush-pea	
Rhagodia parabolica	Fragrant Saltbush	
Climbers		
Clematis microphylla	Small-leaved Clematis	*
Hardenbergia violacea	Purple Coral Pea	*
Grasses		
Agrostis avenacea	Common Blown-grass	*
Austrodanthonia caespitosa	Common Wallaby-grass	*
Dichelachne crinita	Long-hair Plume-grass	*
Elymus scabrus	Common Wheat-grass	*
Poa labillardieri	Common Tussock-grass	*
Poa morrisii	Velvet Tussock-grass	*
Small Plants		
Brachyscome multifida	Cut-leaf Daisy	
Calocephalus citreus	Lemon Beauty Heads	*
Chrysocephalum semipapposum	Clustered Everlasting	*
Dianella longifolia	Pale Flax-lily	*
Dianella revoluta	Black-anther Flax-lily	*
Enchylaena tomentosa	Ruby Saltbush	*
Lomondra filiformis	Wattle Mat-rush	*
Lomandra longifolia	Spiny-headed Mat-rush	*
Pimelea humilis	Common Rice-flower	
Teucrium corymbosum	Forest Germander	
Wahlenbergia communis	Tufted Bluebell	*
Wahlenbergia luteola	Yellowish Bluebell	*
Reeds & Rushes for wetlands		

Carex appressa	Tall Sedge
Eleocharis sphacelata	Tall Spike-rush
Juncus caespiticus	Grassy Rush
Juncus filicaulis	Thread Rush
Juncus pallidus	Pale Rush
Phragmites australis	Common Reed

*Denotes species described in booklet: *Gardening with Native Plants in Yarra: A home gardener's guide to protecting our natural heritage*. (City of Yarra, 2001).

Table 2: Potential environmental weed species – not to be used in landscape works.

SPECIES NAME	COMMON NAME
Acacia baileyana	Cootamundra Wattle
Acacia decurrens	Early Black Wattle
Acacia longifolia	Sallow Wattle
Acacia saligna	Golden Wreath Wattle
Acanthus mollis	Bear's Breeches
Acer spp.	Maple
Agapanthus praecox	Agapanthus
Ailanthus altissima	Tree of Heaven
Anagallis arvensis	Pimpernel
Anredera cordifolia	Madeira Vine
Araujia sericifera	Moth Plant
Artemisia vertoliorum	Chinese Wormwood
Arundo donax	Giant Reed
Buddleja davidii	Butterfly Bush
Calicotome spinosa	Spiny Broom
Chamaecytisus palmensis	Tree Lucerne
Chrysanthemoides monilifera	Boneseed
Conium maculatum	Hemlock
Coprosma repens	Mirror Bush
Cortaderia selloana	Pampas Grass
Cotoneaster spp.	Cotoneaster
Crataegus monogyna	Hawthorn
Crocosmia x crocosmiiflora	Montbretia
Cupressus macrocarpa	Monterey Cypress
Cynodon spp. +	Couch-grass
Cytisus scoparius	English Broom
Delairea odorata	Cape Ivy
Echium plantagineum	Paterson's Curse
Erica lusitanica	Spanish Heath
Eucalyptus botryoides	Southern Mahogany
Eucalyptus cladocalyx	Sugar Gum
Eucalyptus maculata	Spotted Gum
Festuca spp. +	Fescue
Ficus carica	Common Fig
Foeniculum vulgare	Fennel
Fraxinus angustifolia	Desert Ash
Galium aparine	Cleavers
Gazania linearis	Gazania
Genista linifolia	Flax-leaf Broom

Genista monspessulana	Montpellier Broom
Gladiolus spp.	Gladiolus
Hedera helix	Ivy
Ilex aquifolium	Holly
Ipomoea indica	Blue Morning Glory
Juncus acutus	Spiny Rush
Kniphofia spp.	Red-hot Poker
Leptospermum laevigatum	Coast Tea-tree
Ligustrum spp.	Privet
Lolium spp. +	Rye Grass
Lonicera japonica	Japanese Honeysuckle
Lycium ferocissimum	Boxthorn
Myosotis sylvatica	Forget-me-not
Myrsiphyllum asparagoides	Bridal Creeper
Nasella spp.	Needle-grass, Serrated Tussock
Olea europaea	Olive
Opuntia vulgaris	Drooping Prickly-pear
Parietaria judacia	Asthma Weed
Paspalum spp. +	Paspalum
Passiflora mollissima	Banana Passionfruit
Pennisetum clandestinum	Kikuyu Grass
Phoenix canariensis	Canary Island Date Palm
Phormium tenax	Flax
Pinus radiata	Radiata Pine
Pittosporum undulatum	Sweet Pittosporum
Platanus x acerifolia	Plane Tree
Populus spp.	Poplar
Prunus cerasifera	Cherry Plum
Pyracantha angustifolia	Firethorn
Ranunculus repens	Creeping Buttercup
Rhamnus alaternus	Italian Buckthorn
Rubus fruticosus spp. agg.	Blackberry
Salix spp.	Willow
Schinus molle	Pepper Tree
Tecomaria capensis	Cape Honeysuckle
Tradescantia albiflora	Wandering Jew
Trifolium spp. +	Clover
Tropaeolum majus	Nasturtium
Ulex europaeus	Gorse
Ulmus spp.	Elm
Vinca major	Blue Periwinkle
Vulpia spp. +	Fescue
Watsonia meriana cv. bulbillifera	Bulbil Watsonia
Zantedeschia aethiopica	Arum Lily

+Denotes species that should be avoided, even though they are commonly used in turf and seed mixtures for lawns

22.08-4 References

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Stage 2 of the Natural Heritage Study for the City of Yarra. Biosis Research, September 2001.

Gardening with Native Plants in Yarra: A Home Gardener's Guide to protecting our Natural Heritage. City of Yarra, December 2001.