

22.08 PROTECTION OF BIODIVERSITY13/08/2009
C84

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

22.08-1 Policy Basis13/08/2009
C84

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 Objectives13/08/2009
C84

- 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 Policy13/08/2009
C84

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

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

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

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

13/08/2009
C84

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.