



City of Busselton

Geographe Bay

Engineering and Works Services Standards and Specifications

Section 9(f) Landscape Environmental Weeds

Urban - Industrial – Commercial - Rural

The plants in the attached lists are considered invasive garden plants or potential weeds for the surrounding bush environment within the South West Region and particularly identified within the City of Busselton.

This list has been compiled by the Department of Environment and Conservation and reflects the community values in trying to prevent the loss of natural bush through the introduction of plant species that can have a detrimental effect on environmental values.

For public lands managed by the City of Busselton or is proposed to be managed by the City of Busselton this document provides a guideline into the plant species that shall **not** be included or accepted as planting within all Public Open Spaces (POS) including foreshore reserves, drainage corridors, playing fields, recreational reserves, conservation land, landscape buffers, road reserves and/or lands that may adjoin or are within proximity to City bush reserves.

South West plant species are preferred in any development proposal within the City of Busselton to provide a more sustainable environment. (See Section 9(e) Landscape Plant Species).

Revision No	Date	Section(s) Amended	Prepared	Reviewed
A	December 2010	All	Engineering and Works Services	Infrastructure Development
B	June 2013	All	Engineering & Works Services	Infrastructure Development

List of invasive garden plants / potential weeds in Southwest W.A. bushland

Common name	Botanical name	Invasion extent	Weed Status	Life Form	Recommended Control	Optimum Time
Acanthus	<i>Acanthus mollis</i>			Clumping and spreading herbaceous perennial	Hand pull plants. Do not dump garden refuse in bushland areas.	
African Boxthorn	<i>Lycium ferocissimum</i>	Foreshores, roadsides and reserves	Pest Plant	Hedge plant to 3m, prickly, fleshy leaves with pale mauve flowers and red berries.	Remove manually or cut to the basal bark and paint with Access/Diesel between February and May. Foliar spray regrowth 1:10g glyphosate & pulse.	February to May
African Cornflag	<i>Chasmanthe floribunda</i>	Road verges	Minor weed	Herbaceous plant to 1.5m, spikes of orange flowers, clumps similar to Watsonia.	100g of 2,2-DPA plus 25ml wetting agent in 10L water. Glyphosate – 100ml, plus 25ml wetting agent in 10L water. Or use a sponge glove with 1L glyphosate plus 2L water for sensitive areas.	During flowering Winter
African Daisy	<i>Gazania / Dimorphotheca / Arctotis spp.</i>	Coastal dunes, roadsides	Minor weed	Groundcovering, low mat forming daisies from South Africa.	Remove small populations by hand. Spot spray or wipe with glyphosate.	All year
African Tulip Tree	<i>Spathodea campanulata</i>	Garden escapee		Small tree with orange/red flowers.	Cut stump method, treat with 100% glyphosate.	All year
Agapanthus	<i>Agapanthus spp</i>	Garden escapee, found on roadsides, reserves		Clumping plant with mauve flowers.	Dig out, taking care to remove all bulbs. In the meantime, remove heads as soon as flowered and burn them. Do not dump garden refuse in bushland areas.	All year
Agave	<i>Agave americana</i>	Garden escapee, roadsides, reserves		Cacti like plant, succulent, clumping and spreading.	Hand pull. Do not dump garden refuse in bushland areas.	All year
Ajuga	<i>Ajuga reptans</i>	Garden escapee, often found dumped in reserves and spreading		Creeping groundcovering plant, sometimes grown in hanging baskets.	Hand pull. Do not dump garden refuse in bushland areas.	All year
Alstroemeria	<i>Alstroemeria aurea</i>	Garden escapee		Small cottage garden plant, herbaceous perennial.	Hand pull. Do not dump garden refuse in bushland areas.	All year
Alternanthera or Alligator weed	<i>Alternanthera philoxeroides</i>	Garden plant used in		Small rockery groundcovering plant, sometimes grown in	Hand pull. Do not dump garden refuse in bushland areas.	All year

		rockeries – garden escapee		hanging baskets		
Angophora or Red Gum	<i>Angophora costata</i>	Garden escapee		Tall tree	Hand pull. Do not dump garden refuse in bushland areas.	All year
Aquilegia or European columbine	<i>Aquilegia vulgaris</i>	Garden escapee		Small cottage plant, often grown for cut flowers, herbaceous perennial/annual – seeds readily	Hand pull. Do not dump garden refuse in bushland areas.	All year
Arum Lily	<i>Zantedeschia aethiopica</i>	Road verges, creeklines, river foreshores, peppermint woodlands	Declared Plant (P1, P4)	Clumping plant with tubers, large white flowers with yellow centres.	Glean - 0.4g/15L water plus Pulse. Spray plants till just wet in late winter before the flowers start to wither. Repeat bi-annually. Sensitive areas a blanket wiper may be used.	Jun to Oct
Asparagus Fern	<i>Asparagus scandens</i>	Woodlands, roadsides		Clumping fern that rapidly spreads under and over vegetation.	1% glyphosate in water plus wetting agent.	April/June – November/December
Azolla	<i>Azolla filiculoides</i>	Ponds, dams, creeklines	Minor weed	Small branched floating plant with tiny fronds 1-2mm long, forming extensive mats on water. Sometimes turning red in intense sunlight.	Scoop off surface of water and place in black plastic bags and lay in sunlight to kill off.	All year
Baboon Flower	<i>Babiana spp.</i>	Woodlands and wetlands	Potential serious weed	Forms clumps of flowering stems 15-40cm. Flowers white, lilac, pinkish purple, violet.	Remove small populations by hand. Apply Glyphosate 1:100, or apply Ally / Brushoff / Glean.	Flowering time Spring
Babys Tears	<i>Soleirolia soleirolii</i>	Damp areas	Minor weed	Low growing, spreading groundcovering plant with round leaves.	Remove by scraping up by hand. Use Glyphosate 1:100.	All year
Bamboo	<i>Arundo donax</i>	Roadsides, creeklines, wetlands	Nuisance weed Serious weed	Bamboo like reed to 6m tall with large fluffy flower.	Cut stump to ground level, and when regrowth is 0.5 – 1m high, wet foliage with Glyphosate – 100ml in 10L water plus wetting agent (1 percent). Repeat if necessary.	Summer
Basil	<i>Ocimum spp.</i>	Roadsides	Minor weed	Aromatic herbs, small upright plants with white or pale mauve flowers.	Pull out by hand. Do not dump garden refuse in bushland areas.	All year
Bird of Paradise	<i>Caesalpinia gilliesii</i>	Woodlands, bushland	Minor weed	Large shrub/small tree with fern like foliage and yellow flowers with red stamens.	Cut stump and paint with Blackberry and Tree killer or Glyphosate.	All year
Black Alder	<i>Alnus glutinosa</i>	Garden escapee		Small tree	Cut stump and paint with Glyphosate neat.	All year

Blackberry	<i>Rubus fruticosus agg.</i>	Road verges	Declared Plant (P1, P2, P4)	Perennial woody rambler, which spreads readily by underground rhizomes and by seeds. Berries are spread by birds along roadside, river and stream corridors. Dormant over winter. Active growth in spring and summer with summer flowering and autumn fruits.	Brushhoff®: 10 gms / 100 litres with a wetting agent 1:400.	During flowering or early stages of fruiting Dec to Mar
Black Eyed Susans	<i>Thunbergia species</i>	Garden escapees		Climbers, scramblers	Hand pull. Do not dump garden prunings in bushland.	All year
Blue Heliotrope	<i>Heliotropium amplexicaule</i>	Garden escapee, dumping in roadsides and reserves		Annual, or herbaceous perennial with deep blue flowers.	Hand pull if seen to be spreading, do not dump garden refuse in bushland areas.	All year
Blue Periwinkle	<i>Vinca major</i>	Road verges	Priority 1 Significant Environmental Weed	Perennial climber. Flowers in winter and spring.	Use 1:50 glyphosate plus Pulse in water.	Several applications, 3 months apart
Blue Psoralea	<i>Psoralea pinnata</i>	Road verges, edges of bushland		Tall upright shrub with blue pea flowers.	Hand pull. Do not dump garden refuse in bushland areas.	All year
Box Elder	<i>Acer negundo</i>			Small tree	Cut stump and treat with 100% glyphosate.	All Year
Brome	<i>Cytisus spp.</i>	Roadsides, bushland	Priority 1 Significant Environmental Weed Potential to become a major weed	Upright shrub to 2m with drooping branches. Spreads along tracks. Bright yellow pea flowers in early Spring, which develop into pods that shed in early summer. Plants flower in their second season.	Hand-pull young seedlings and small plants. Cut older plants at or just below ground level. No further treatment is necessary for young plants (3-4 yrs), older plants may also need to be stump painted using Glyphosate® or Roundup® (Biactive® in wetland areas) at a rate of 1 part to 2-15 parts water.	All year
Broom	<i>Genista spp.</i> <i>Spartium junceum</i>	Roadsides, bushland	Priority 1 Significant Environmental Weed	Upright shrubs to 2m with drooping branches, and bright yellow flowers in spring which develop into pods that shed in early summer. Plants flower in their second season.	Hand-pull young seedlings. Cut older plants at or just below ground level. No further treatment is necessary for young plants (3-4 yrs), older plants may also need to be stump painted using Roundup	All year

					Biactive® 1 part to 2 parts water or use Glyphosate 1:15.	
Buckthorn	<i>Rhamnus alaternus</i>	Bushland	Potential serious weed	Small tree to 5m, shiny leaves with red fruits.	Cut stump and paint with 100% Glyphosate.	All year
Butterfly Bush	<i>Buddleia spp.</i>	Bushland	Minor weed	Straggly shrubs with white, yellow, pink, blue or purple flowers.	Remove small shrubs, cut stumps and paint with 100% Glyphosate.	All year
Camphor Laurel or Fiddlewood	<i>Cinnamomum camphora</i>	Garden escapee		Tall tree with white flowers.	Cut stump and treat with 100% glyphosate.	All year
Canary Grass	<i>Phalaris spp.</i>	Floodways	Priority 3 Minor weed	Tufted perennial grass. Flowers in spring & summer.	Spray plants using Fusilade® at 500ml/ha. Avoid dumping garden refuse in bushland areas.	All year
Cannas	<i>Canna spp. (hybrid)</i>	Roadsides, bushland	Priority 3	Large herbaceous plant with yellow, orange or red flowers.	Dig up small infestations.	Spring to Autumn
Cape Gooseberries	<i>Physalis minima</i>	Swamps, wetlands	Priority 3	Hairy shrub with gooseberries.	Pull out small populations by hand.	Spring/Summer
Cape Lilac	<i>Melia azedarach</i>	Woodlands, bushland	Minor weed	Tall deciduous tree to 15m with leaflets, fragrant lilac flowers in spring, hard yellow berries.	Cut stump and paint with Glyphosate or Blackberry and Tree Killer.	All year
Cape Tulip, One-leaf/Two-leaf	<i>Moraea spp.</i>	Road verges, woodlands, granite rocks, limestone areas	Declared Plant (P1, P3, P4)	Small clumping plants to 25cm high, yellow or orange flowers.	Small infestations in sandy soil can be manually removed by cutting roots with a knife or trowel and pull out before flowering. Hand spray till just wet in June to September each year with 0.2g of chlorsulfuron/metsulfuron, or 100ml glyphosate in 10L water plus Pulse. In sensitive areas, use blanket wiper.	Before flowering and seeding Late Winter to Spring
Castor Oil Plant	<i>Ricinus communis</i>	Roadsides, bushland	Priority 1 Significant Environmental Weed	Spreading shrub to 4m. Has separate male and female flowers. Colonises disturbed sites.	Remove small populations by hand. For larger plants use the cut stump method with Glyphosate. For large populations spot spray with Glyphosate 1 in 80 with water.	All year
Chinee Apple / Date	<i>Ziziphus mauritiana</i>	Bushland, wetlands	Declared Plant (P1)	Spreading tree, round leaves, brown fruit.	Cut stump method using 100% Glyphosate.	All year
Chinese Tallow	<i>Sapium sebiferum</i>	Roadsides, reserves		Small tree.	Cut stump method, treat with 100% glyphosate. Do not dump prunings in bushland.	All year
Common Heliotrope	<i>Heliotropium europaeum</i>	Bushland	Declared Plant (P1, P3, P4)	Woody perennial shrub to 1m tall, blue/mauve flowers. Found on roadsides.	Remove by hand pulling. Avoid dumping garden refuse in bushland areas.	All year

Cotoneaster	<i>Cotoneaster spp.</i>	Road verges, creeklines, woodlands	Problem weed	Small trees with white flowers and red berries.	Remove small plants by hand. Spot spray with Glyphosate or cut stumps and paint with neat Glyphosate.	All year
Cotton Bush, Narrow-leaf	<i>Gomphocarpus fruticosus</i>	Edges of rivers, creeklines, bushland	Declared Plant (P1, P3, P4)	Perennial upright herb.	Remove small plants by hand. Glyphosate 1 in 100, plus wetting agent before the fruits form.	September to December
Coprosma or NZ mirror bush	<i>Coprosma repens</i>	Garden escapee, dumping in reserves/roadside		1m tall succulent shrub.	Cut stump method, treat with 100% glyphosate.	All year
Coral Tree	<i>Erythrina x sykesii</i>	Garden escapee		Tall tree, coral/red flowers	Do not plant in building envelopes or bushland	All year
Cordyline or NZ cabbage tree	<i>Cordyline australis</i>	Garden escapee		Tall upright plant with strappy leaves.	Cut stump method, treat with 100% glyphosate.	All year
Couch	<i>Cynodon dactylon</i>	Floodplains, creeklines, bushland	Priority 1 Significant Environmental Weed	Perennial grass, spreads by a creeping rhizome. Active growth in spring and summer.	Only remove Couch if you are replacing it with native vegetation. Use Fusilade ® as for kikuyu.	Repeat every 8 weeks
Cumbungi or Bulrush	<i>Typha orientalis</i>	Flood fringes, wetlands, creeklines	Priority 1 Significant Environmental Weed	Perennial herb to 4.5 m. Spreads aggressively by rhizomes. Colonises disturbed sites especially wetlands. Dies back over winter resprouting in spring & flowers in early autumn. Prolific seeder - 95% viable.	Riparian situation: 1.3L Roundup Biactive ® per 100L of water, 5.5 litre per sq. metre. Thorough coverage needed. Monitoring and Follow up treatment maybe necessary.	Spring – Autumn
Cupressus or Cypress	<i>Cupressus spp</i>	Garden escapee, garden dumping		Cypress or conifers to 5m tall.	Cut stump method, treat with 100% glyphosate.	All year
Cyperus Grass	<i>Cyperus spp</i>	Roadsides, creeklines, wetlands	Nuisance weed	Grass-like clumps.	Glyphosate – 150ml in 15L water plus Pulse, spray.	Summer
Delonix or Poinciana, flame tree	<i>Delonix regia</i>	Garden escapee, seeds		Medium tree, effective yellow/orange/red flowers.	Cut stump method, treat with 100% glyphosate.	All year
Dolichos Pea	<i>Dipogon lignosus</i>	Karri forests, roadsides		Climber, climbs up trees and over native vegetation.	2% glyphosate plus wetting agent.	August
Easter Lily	<i>Armaryllis belladonna</i>	Roadsides, creeklines, karri	Minor weed	Bulbous clumping plants to 0.5m with pale pink flowers.	Wipe with Glyphosate (1:100) water, and wetting agent.	Autumn

and marri forest						
English Ash Desert Ash Flowering Ash	<i>Fraxinus excelsior</i> <i>Fraxinus angustifolia</i> <i>Fraxinus ornus</i>	Road verges	Priority 1 Significant Environmental Weed	Medium to large tree. Deciduous.	Cut stumps as close to the ground as possible. Dab stumps with Roundup Biactive ®. 1:15.	All year
Eucalyptus species	<i>Eucalyptus bicostata</i> <i>Eucalyptus botryoides</i> <i>Eucalyptus camaldulensis</i> <i>Eucalyptus citriodora</i> <i>Eucalyptus cladocalyx</i> <i>Eucalyptus citriodora</i> <i>Eucalyptus globulus</i> <i>Eucalyptus lehmannii</i> <i>Eucalyptus leucoxylon</i> <i>Eucalyptus maculata</i> <i>Eucalyptus muelleriana</i> <i>Eucalyptus polyanthemos</i> <i>Eucalyptus saligna</i>	Roadsides, woodlands, bushland	Plantation escapees invade bushland	Tall tree, often quick growing and prolific seeders.	Cut down to ground level and paint the stump with undiluted (100%) Glyphosate®.	All year
Fig Tree	<i>Ficus spp.</i>	Creeklines	Major weed	Upright trees with leathery leaves and fruit.	Cut stumps and paint with neat Glyphosate. May need a follow up treatment.	All year
Firethorn	<i>Pyracantha species</i>	Garden escapes		Tall trees, red flowers	Cut stump and paint with 100% Glyphosate.	All year
Foxgloves	<i>Digitalis purpurea</i>	Garden escapee/dumpin g		Small annual/perennial garden cottage plant with multiple coloured flowers.	Hand pull plants. Do not dump garden refuse in bushland areas.	All year
Freesia	<i>Freesia spp.</i>	Roadsides, creeklines, bushland	Major weed	Small clumping plants with white flowers.	Small infestations can be manually removed by digging out. Spray with Glyphosate 1:100. Apply	Before flowering to mid-flowering Aug to Sep

					Brushhoff, Ally 2.5 to 5g per ha in 250 to 500L water.	
Fuchsias	<i>Fuchsia magellanica</i>	Garden escapee, roadside dumping		Shrub to 2m tall, multi coloured flowers	Keep planted in pots, garden plants can escape.	All year
Gazanias	<i>Gazania spp</i>	Garden escapee, roadside and reserve dumping		Groundcovering daisy like plants with variety of colours.	Keep retained to garden areas, do not dump refuse in bushland areas. Hand pull any plants found.	All year
Geranium / Pelargonium	<i>Pelargonium spp.</i>	Coastal dunes, roadsides, bushland	Major weed	Perennial shrub with herbaceous stems to 1.5m. Pink, white, red, mauve flowers	Pull plants when soil is damp. Apply Ally / Brush 5g per ha. Glyphosate 1 in 100, add wetting agent. Wick applicator.	Autumn / Winter Spring
Gladiolus	<i>Gladiolus spp.</i>	Road verges, bushland	Major weed	Clumping plant, with corms, to 60cm tall, pink flowers.	Remove old flower heads to prevent seeding. Sandy soils – pull up plants. Glyphosate – 1:100 wiping one leaf blade.	During flowering Aug to Sep
Gloriosa Lily	<i>Gloriosa superba</i>	Garden escapee, dumping		Bulbous lily plant.	Do not dump bulbs/corms in areas of bushland, dispose of by placing in black garbage bags and leaving in sun.	All year
Gomphocarpus or Swan Plant	<i>Gomphocarpus fruiticosus</i>	Garden escapee, dumping in bushland		Upright herbaceous perennial shrub with swan shaped fruits.	Contain to pots, do not dump in bushland. Hand pull any plants found in bushland areas.	All year
Gooseberries	<i>Physalis minima</i>	Garden escapee		Straggly shrub with berries.	Hand pull. Do not dump refuse in bushland areas.	All year
Great Maple	<i>Acer pseudoplatanus</i>	Garden escapee		Tall Tree	Cut stump method, treat with 100% glyphosate.	All year
Ground Honeysuckle	<i>Lotus corniculatus</i>	Garden escapee		Groundcovering plant, red flowers.	Hand pull. Do not dump in bushland areas.	All year
Guava	<i>Psidium guajava</i>	Garden escapee		Shrub with pale yellow/pinkish flowers, fruit.	Hand pull seedlings. Cut stump method. Do not dump refuse in bushland areas.	All year
Hakeas	<i>Hakea laurina</i> <i>Hakea salicifolia</i> <i>Hakea sericea</i> <i>Hakea suaveolens</i>	Garden escapees		Upright shrubs.	Do not plant near bushland areas.	All year

Heath	<i>Erica spp</i>	Garden escapee, dumping		Small shrub with pink flowers.	Hand pull plants. Do not dump garden refuse in bushland areas.	All year
Hebe	<i>Hebe elliptica</i>	Garden escapee		Small shrub with blue flowers.	Keep contained to building envelopes, in pots.	All year
Hibiscus	<i>Hibiscus diversifolius</i> <i>Hibiscus sabdariffa</i>	Garden escapee, dumping		Upright bushy shrubs, red flowers	Keep contained to building envelopes, in pots and do not dump garden refuse in bushland areas.	All year
Honey Myrtle	<i>Melaleuca armillaris</i> <i>Melaleuca decussata</i> <i>Melaleuca diosmifolia</i> <i>Melaleuca nesophila</i>	Woodlands, bushland	Minor weed	Paperbark shrubs to 3m tall.	Cut stump and paint with neat Glyphosate.	All year
Honeysuckle / American Box	<i>Lonicera spp.</i> <i>Lonicera japonica</i>	Creeklines, woodlands	Minor weed	Climber/creeper with pale yellow highly fragrant flowers.	Remove small plants by hand. Cut stump and paint with Glyphosate®.	All year
Hypericum or Sweet Amber, St John's Wort	<i>Hypericum species</i>	Garden escapee		Small perennial shrubs, white or yellow flowers	Hand pull, cut stump and paint with Glyphosate, do not dump garden refuse in bushland areas.	All year
Ilex, English Holly	<i>Ilex aquifolium</i>	Garden escapee		Bushy shrub, prickly and holly like leaves, white flowers.	Do not dump garden refuse in bushland areas.	All year
Impatiens	<i>Impatiens walleriana</i>	Garden escapee		Small fleshy herbaceous perennial.	Do not dump garden refuse in bushland areas, these will act as cuttings and form roots and grow plants in suitable soils.	All year
Indian Hawthorn	<i>Raphiolepis indica</i>	Garden escapee		Small shrub with glossy leaves, white/pink flowers.	Do not dump garden refuse in bushland areas.	All year
Indian Laburnum	<i>Cassia fistula</i>	Garden escapee		Small weeping shrub with golden flowers.		All year
Ivy	<i>Hedera helix</i>	Garden escapee, dumping in roadsides/ reserves		Climber/scrambler, will climb up trees and over native vegetation strangling and outcompeting.	Cut stump and paint with Tree and Blackberry Killer, or Glyphosate.	All year
Ixia	<i>Ixia species</i>	Garden escapees		Small bulbous cottage garden plants.	Plant in pots, do not dump garden refuse in bushland areas. Spray with 100ml glyphosate in 10L water before flowering.	All year
Jacaranda	<i>Jacaranda</i>	Garden escapee		Tall tree with mauve flowers.	Seeds spread readily, do not plant in	All year

	<i>mimosifolia</i>				or near bushland areas. Cut stump method, treat with 100% glyphosate.	
Jessamine	<i>Cestrum spp</i>	Garden escapee		Climbers	Do not dump in bushland areas, can spread from cuttings.	All year
Jonquil	<i>Narcissus spp.</i>	Roadsides, creeklines, bushland	Minor weed	Small bulbous clumping plants with white flowers.	Wipe with Glyphosate and wetting agent.	Winter – spring
Kikuyu	<i>Pennisetum clandestinum</i>	Floodplains, creeklines, wetlands, bushland	Priority 1 Significant Environmental Weed	Perennial grass with a creeping rhizome. Active growth period is in spring and summer Flowers in summer.	Try removing as much of the thatch as possible by racking it out of rushes and rolling it back with a small amount of digging. Cover remaining kikuyu with black plastic held down with rocks. Rising water levels will drown Kikuyu in inundated situations. Remove the plastic in summer. Apply 10ml Verdict 520 plus 100ml of spray oil per 10L in water for hand sprays, or alternate with Gallant West.	Repeat 8 weeks after the initial treatment, then annually
Kniphofia or Red Hot Poker	<i>Kniphofia uvaria</i>	Garden escapee		Medium shrub, bright red spikes of flowers.	Do not dump garden refuse or cuttings into bushland areas.	All year
Lantana	<i>Lantana spp.</i>	Bushland	Minor weed	Shrubs to 3m tall, sometimes 5m tall, straggly varying coloured flowers, black berries.	Cut foliage and remove, pull out roots or paint with Glyphosate.	All year
Lauristinus	<i>Virburnum tinus</i>	Garden escapee		Medium shrub, glossy leaves, white pinkish flowers.	Do not dump prunings in bushland.	All year
Lavender	<i>Lavendula spp.</i>	Roadsides, bushland, coastal heath	Minor weed	Small shrubs with aromatic leaves and mauve flowers.	Manually remove by hand. Do not dump prunings or garden refuse in bushland areas.	All year
Lions Ears	<i>Leonotis spp.</i>	Roadsides, bushland	Potential major weed	Straggly shrubs to 2m with white or orange flowers.	Manually remove by hand. Do not dump garden refuse in bushland areas.	All year
Lippia	<i>Phyla nodiflora</i>	Bushland	Minor weed	Groundcovering plant with pale pink flowers.	Manually remove by hand or spray with 100ml in 10L water -Glyphosate®.	All year
Lobularia Sweet Alyssum	<i>Lobularia maritima</i>	Roadsides, reserves, coastal dunes, bushland areas		Small clumping annual/herbaceous perennial, rockery plant with white, pink or mauve flowers.	Hand pull to remove. Do not dump garden refuse in bushland areas.	All year
Locust	<i>Robinia pseudoacacia</i>	Roadsides		Large tree with pink flowers.	Hand pull small seedlings. Cut stump method, treat with 100% glyphosate.	All year

					Do not dump garden clippings/prunings in bushland areas.	
Lupins	<i>Lupinus species</i>	Roadsides, reserves, bushland edges		Annual, herbaceous perennial with blue flowers.	Hand pull.	All year
Mimosa	<i>Mimosa species</i>	Roasides, reserves		Small tree with soft ferny leaves.	Hand pull. Cut stump and paint with 100% Glyphosate.	All year
Mint / Pennyroyal	<i>Mentha spp.</i>	Creeklines, wetlands	Declared Plant Major weed	Ground covering herbaceous plants with aromatic mint leaves and small mauve flowers.	Use 0.5 grams Brushoff and 12ml wetting agent to 5lt water.	During active growing period Spring / Summer
Montbretia	<i>Crocsmia spp.</i>	Roadsides, creeklines	Minor weed	Small clumping bulbous plants with orange flowers.	Wipe with 100% Glyphosate.	Before flowering Spring / Summer
Morning glory	<i>Ipomoea indica</i>	Creeklines, karri forest	Minor weed	Climber with pale mauve flowers.	Glyphosate – 300ml to 15L water plus Pulse. Cut down plants and spray new regrowth Two or more applications may be needed.	All year
Mulberry	<i>Morus alba</i>	Roadsides, creeklines		Tall tree with black berries.	Cut stump and treat with 100% glyphosate.	All year
Murraya	<i>Murraya paniculata</i>	Garden escapee		Shrub with white flowers, berries.	Do not dump in bushland. Cut stump method, treat with 100% glyphosate.	All year
Nasturtiums	<i>Tropaeolum majus</i>			Yellow/orange/red flowers.	Remove by hand pulling.	Spring/Summer
Iris	<i>Dieties spp.</i>	Woodlands, bushland	Minor weed	Clumping plants with white iris like flowers.	Wipe with 100% Glyphosate and wetting agent.	All year
Norfolk Island Hibiscus	<i>Lagunaria patersonii</i>	Wetlands	Priority 3	Tree to 15m, small hibiscus like pink flowers.	Cut stump method, treat with 100% glyphosate.	Spring/Summer
Oak trees	<i>Quercus species</i>	Roadsides		Large tree, oak leaves.	Cut stump method, treat with 100% glyphosate.	All year
Oleander	<i>Nerium oleander</i>	Roadsides, reserves		Tall shrub to 5m with white, pink flowers.	Cut stump and treat with 100% Glyphosate. Do not dump refuse in bushland or coastal dune areas, will propagate from cuttings readily.	All year
Olive Tree	<i>Olea europaea</i>	Bushland	Priority 3	Tree to 15m, creamy flowers, black olives.	Cut stump method, treat with 100% glyphosate.	Spring/Summer
Pampus grass	<i>Cortaderia selloana</i>	Creeklines, rivers, wetlands	Priority 1	Large clumping grass with tall fluffy spikes.	Remove flowers and destroy. Cut vegetation as low to the ground as possible. Treat new growth with Glyphosate 1L in 2L and wipe both	Late Spring/Summer

					sides of the leaf. Knapsack 200ml in 10L with Pulse. Thoroughly wet the foliage with 2 or more applications.	
Paspalum	<i>Paspalum dilatatum</i>	Flood fringes	Priority 2 Nuisance weed (South America)	Tufted rhizomatic perennial grass, flowers in spring and summer.	Spray using Fusilade @ 4L/ ha on young growth (two applications may be necessary on older plants). Or apply Roundup @150ml in 15L water.	When actively growing
Passionfruit	<i>Passiflora spp.</i>	Garden dumpings in bushland reserves		Vine or creeper with cream flowers.	Cut stump method, treat with 100% glyphosate when actively growing.	Spring
Paterson's Curse / Salvation Jane	<i>Echium plantagineum</i>	Edge of wetlands	Declared Plant (P1, P3, P4)	Upright herbaceous perennial, Purple flowers.	Use Glyphosate 75-100ml in 15L water.	Spring
Pennisetum or Feather Grass	<i>Pennisetum species</i>	Garden escapees		Grassy plants with tall spikes.	100ml Glyphosate plus 25ml Pulse in 10L water applied when the grass is actively growing, repeat every 8 weeks or when regrowth reaches 5cm tall.	Every 8 weeks
Pepper trees	<i>Schinus species</i>	Garden escapee		Medium tree with berries.	Do not dump prunings in bushland, do not plant near bushland, birds will spread fruits/seeds.	All year
Phoenix Palm	<i>Phoenix robellini</i>	Garden escapee		Small palm.	Do not dump refuse in bushland areas.	All year
Physic Nut	<i>Jatropha curcas</i>		Declared Plant (P1, P5)		Contact your local Agricultural Biosecurity Officer.	
Pigface	<i>Mesembryanthemum crystallinum</i>	Coastal, roadsides	Priority 3	Spreading groundcover with fleshy leaves and bright pink flowers.	Paint or spot spray with Glyphosate when actively growing and flowering. Alternatively, hand pull individual plants.	Spring
Pines	<i>Pinus species</i>	Bushland areas, roadsides, reserves		Tall pine trees.	Hand pull seedlings. Cut stump method, treat with 100% glyphosate.	All year
Pink Satin Bush	<i>Podalyria sericea</i>	Coastal Heath, bushland	Minor weed	Dense shrub to 2m, silvery leaves and pale pink flowers.	Manually remove by hand or cut stump and paint with 100% Glyphosate.	All year
Pink Star Flower	<i>Drosanthemum candens</i>	Coastal	Minor weed	Spreading groundcover, with pale pink flowers.	Hand pull plants.	Spring
Plane trees	<i>Platanus hybrida</i>	Roadsides, bushland areas		Tall tree with seed balls.	Cut stump method, treat with 100% glyphosate.	All year
Polygala	<i>Polygala myrtifolia</i>	Coastal heath, bushland	Minor weed	Dense shrub to 3m with deep green leaves, and purple and white pea flowers.	Manually remove by hand or cut stump and paint with 100% Glyphosate.	All year
Poinciana	<i>Caesalpinia</i>	Garden escapee		Small tree with bright	Cut stump and paint with 100%	All year

	<i>decapetala</i>			orange/red flowers.	glyphosate.	
Poplar Tree	<i>Populus spp.</i>	Sandy soils near coast, roadsides	Suckers prolifically	Tall upright columnar trees.	Cut stump and paint with Garlon 600.	All year
Poppies	<i>Papaver spp.</i>	Garden dumping	Minor weed	Upright herbaceous annuals with brightly coloured flowers, seed spreads.	Pull up by hand before setting seed.	Winter
Pride of Madeira	<i>Echium fastuosum</i>	Garden dumping		Clumping herbaceous perennial with tall spikes of purple flowers.	Hand pull plants. Do not dump garden refuse in bushland areas.	All year
Primrose	<i>Oenothera spp.</i>	Coastal heath, dunes, roadsides	Minor weed	Herbaceous groundcover, yellow, white and pink flowers.	Glyphosate plus Pulse when actively growing.	Spring / Summer
Protea	<i>Protea spp.</i>	Roadsides, bushland	Minor weed	Upright bushy shrub to 2m	Cut stump, paint with Glyphosate	Winter / Spring
Privets	<i>Ligustrum species</i>	Roadsides, bushland		Bushy shrubs to 2m with white flowers.	Cut stump, paint with Glyphosate. Do not dump refuse in bushland areas.	All year
Ribwort Plantain	<i>Plantago lanceolata</i>	Floodway/verges	Priority 3 Minor weed	Annual or short lived perennial herb.	Remove small populations by hand. Tap root must be removed wipe or spot spray using Roundup Biactive®.	All year
Robinia	<i>Robinia pseudoacacia</i>	Bushland	Minor weed	Tall deciduous tree to 15m with spiny stems, and white flowers.	Cut stump and paint with Glyphosate.	All year
River Birch	<i>Betula nigra</i>	Garden escapee		Tall tree	Do not dump refuse in bushland areas.	All year
Rosemary Grevillea	<i>Grevillea rosmarinifolia</i>	Garden escapee		Small shrub with pink/white flowers.	Do not dump refuse in bushland areas.	All year
Roses	<i>Rosa spp.</i>	Creeklines	Minor weed	Straggly climbing roses.	Spot spray small seedlings with Glyphosate 1:100. Cut mature plants or spot spray with Glyphosate 1 in 50 plus surfactant or Brushoff 10g in 100L.	All year
Salvinia	<i>Salvinia molesta</i>	Dams, creeklines, rivers, wetlands	Declared Plant (P1, P2)	Small succulent looking plant on surface of water.	Contact your local Agricultural Biosecurity Officer for treatment. Scoop off surface if small amounts.	All year
Silky Oak	<i>Grevillea robusta</i>	Can spread into bushland via seed		Tall upright tree with bright orange/yellow flowers.	Do not plant in or close to bushland areas.	All year
Solanums or Potato vines/plants	<i>Solanum species</i>	Garden escapees		Climbers, shrubs with white or blue flowers.	Do not dump prunings in bushland.	All year
Snowdrops / Snowflake	<i>Leucojum aestivum</i>	Roadsides, reserves, bushland	Minor weed	Bulbous small clumping plants with white snowdrop flowers.	Wipe with 100% Glyphosate and wetting agent. Manually dig up.	All year

Spindle Tree	<i>Euonymus spp</i>	Garden escapee		Small tree/shrub with white flowers	Do not plant in building envelopes. Control with cut stump method, 100% glyphosate.	All year
St. John's Wort / Tutsan	<i>Hypericum spp.</i>		Declared Plant (P1, P2)	Herbaceous perennial.	Contact your local Agricultural Biosecurity Officer.	
Statice	<i>Limonium spp.</i>	Coastal heath, dunes, roadsides, bushland	Potential nuisance weed	Clumping plants with upright stems with white, pink, yellow, blue and purple papery flowers.	Hand pull. Or wipe with 100% glyphosate when actively growing/flowering.	Spring/Summer
Strawberry Tree	<i>Arbutus unedo</i>	Garden escapee		Tall tree with red fruits	Cut stump method, treat with 100% glyphosate.	All year
Sunflower	<i>Helianthus spp.</i>	Bushland	Minor weed	Tall upright herbaceous plant with large yellow and brown flowers.	Pull out manually.	All year
Sweet Peas	<i>Lathyrus species</i>	Garden escapee		Climbers, brightly coloured flowers.	Seeds spread readily, contain to pots and do not dump refuse in bushland areas. Hand pull manually.	All year
Sweet Pittosporum	<i>Pittosporum species</i>	Roadsides, bushland	Minor weed	Tree to 7m, white flowers, yellow berries.	Cut stump and paint with 100% Glyphosate.	All year
Tagasaste	<i>Chamaecytisus palmensis</i>	Roadsides, bushland	Minor weed	Tall shrubs to 5m, white flowers.	Hand pull seedlings, or foliar spray with 0.5g/10L Brushoff and Pulse.	All year
Tamarix	<i>Tamarix aphylla</i>	Bushland	Minor weed	Tree to 10m, pink flowers, suckering.	Cut stump method, treat with 30% triclopyr, or basal spray with Access and diesel (1:60).	All year
Taylorina	<i>Psoralea pinnata</i>	Roadsides, bushland	Minor weed	Dense shrub to 4m, blue or mauve pea flowers.	Remove manually or cut stump and paint with 100% Glyphosate.	All year
Tea Trees	<i>Leptospermum laevigatum</i> <i>Leptospermum petersonii</i>	Roadsides, reserves, bushland, garden escapees		Tall shrubs with white flowers. Victorian Tea Tree and Lemon Scented Tea Tree are both very vigorous.	Manually remove, cut stump and paint with 100% Glyphosate. Do not dump garden refuse in bushland or coastal areas, seeds drop and germinate in almost any conditions.	All year
Thornapples	<i>Datura spp.</i>		Declared Plant (P1, P3, P4)	Woody perennials.	Cut stump method, treat stump with 100% glyphosate.	All year
Tree Mallow	<i>Lavatera arborea</i>	Bushland	Priority 1	3m, flowers lilac to purple.	Cut stump method – treat with 100% Glyphosate when actively growing.	All year
Tree of Heaven	<i>Ailanthus altissima</i>	Bushland	Priority 3	Tree to 25m, yellow flowers. Suckers form and smother low shrubs.	Spot spray with Velpar kills plants up to 3m tall. Trunk injection may be effective. Cut stump method with Garlon – 1L in 60L Diesel distillate when actively growing.	All year

Tutsan, Flair	<i>Hypericum x inodorum</i>	Bushland	Declared Plant (P2, P4)	Small woody perennial.	Cut stump method, treat stump with 100% glyphosate.	All year
Victorian / Coastal Tea Tree	<i>Leptospermum laevigatum</i>	Coastal heath, coastal dunes, bushland, creeklines	Major weed	Upright tall and bushy shrub to 7m, white flowers, fast growing.	Hand pull small seedlings, remove all seeds from mature plants. Spot spray small plants. Cut the plant at ground level and paint the stump with Glyphosate®.	Before flowering or seeding
Washingtonia Palms	<i>Washingtonia species</i>	Garden escapee		Spreading palm.	Do not dump garden refuse in bushland areas.	All year
Watsonia	<i>Watsonia spp. W. bulbifera</i>	Flood fringe/road verges	Priority 1 Significant Environmental Weed	Perennial herb with a creeping rhizome. Dormant during summer with active growth in winter. Flowers in spring and summer. Produces cormels on flowering stalks. Cormels detach and create new outbreaks.	Use 2,2DPA in sensitive areas. Use 1:100 glyphosate (roundup bioactive in wet areas with no wetting agent) or normal roundup with wetting agent in non wet areas.	Early flowering September
Wattles	<i>Acacia baileyana</i> <i>Acacia dealbata</i> <i>Acacia decurrens</i> <i>Acacia elata</i> <i>Acacia farnesiana</i> <i>Acacia floribunda</i> <i>Acacia iteaphylla</i> <i>Acacia longifolia</i> <i>Acacia melanoxylon</i> <i>Acacia podalyrifolia</i> <i>Acacia pycnantha</i>	Areas of bushland, creeklines	Priority 1	Tree with yellow flowers during winter..	Use Access plus Diesel (1:60) – do not get chemical in water. Alternatively , inject trees with glyphosate. *Note Access & Diesel require restricted spraying permit if within 5km of a commercial vineyard. (can be sourced from local DAF officer).	All year
Weeping Willow / Willow	<i>Salix spp.</i>	Creeklines, rivers, roadsides	Minor weeds	Upright trees, weeping trees with catkins.	Remove small plants by hand. Cut stump and paint with 100% Glyphosate or Garlon.	All year
White Cedar	<i>Media azedarach</i>	Roadsides, backyards, bushland areas		Upright, tall tree with berries.	Remove small plants by hand. Cut stump and paint with 100% Glyphosate.	All year

References and Definitions

References

1. Scheltema, M. and Harris, J. (editors) (1995). *Managing Perth's Bushlands*. Greening Western Australia.
2. Hussey, B.M.J., Keighery, G.J., Cousens, R.D., Dodd, J. and Lloyd, S.G. (1997). *Western Weeds – A guide to the weeds of Western Australia*. The Plant Protection Society of WA (Inc)
3. WWF website – National list of naturalized invasive and potentially invasive garden plants.
4. Check WONS – Weeds of National Significance list. www.weeds.crc.org.au; www.weeds.org.au; www.agric.wa.gov.au.