SC6.24 Planting species planning scheme policy

Contents

1 Introduction

1.1 Relationship to planning scheme

1.2 Purpose

2 Preferred plant species

3 Undesirable plant species

1 Introduction

1.1 Relationship to planning scheme

This planning scheme policy:

1. provides information the Council may request for a development application;
2. provides guidance or advice about satisfying an assessment benchmark which identifies this planning scheme policy as providing that guidance or advice;
3. states a standard for the assessment benchmarks identified in the following table.

|  |  |  |
| --- | --- | --- |
| Column 1 –  Section or table in the code | Column 2 –  Assessment benchmark reference | Column 3 –  Standard in the planning scheme policy |
| City Centre neighbourhood plan code | | |
| Table 7.2.3.7.3.A | AO29(c) | All |
| Fig Tree Pocket neighbourhood plan code | | |
| Table 7.2.6.2.3.A | PO4.2.(b) | All |
| Holland Park—Tarragindi neighbourhood plan code | | |
| Table 7.2.8.1.3.A | PO2(d) | All |
| Table 7.2.8.1.3.A | AO6(a) | All |
| Latrobe and Given Terraces neighbourhood plan code | | |
| Table 7.2.12.2.3.A | AO6.2 | All |
| Rochedale urban community neighbourhood plan code | | |
| Table 7.2.18.4.3.A | AO16 | All |
| Table 7.2.18.4.3.A | PO18 | All |
| Table 7.2.18.4.3.A | AO18.2 | All |
| The Gap neighbourhood plan code | | |
| Table 7.2.20.5.3.A | AO1.3 | All |
| Significant landscape tree overlay code | | |
| Table 8.2.19.3.A | PO1 | Table 1A |
| Centre or mixed use code | | |
| Table 9.3.3.3.A | AO10 | All |
| Childcare centre code | | |
| Table 9.3.4.3 | AO4.3(c) | All |
| Multiple dwelling code | | |
| Table 9.3.14.3.A | AO24.2 | All |
| Table 9.3.14.3.A | AO25.2 | All |
| Table 9.3.14.3.A | AO30.3 | All |
| Special purpose code | | |
| Table 9.3.24.3.A | AO19 | All |
| Table 9.3.24.3.A | AO20 | All |
| Table 9.3.24.3.A | AO21.2 | All |
| Specialised centre code | | |
| Table 9.3.25.3.A | AO30 | All |
| Table 9.3.25.3.A | AO31.1 | All |
| Table 9.3.25.3.A | AO32.2 | All |
| Table 9.3.25.3.A | AO33 | All |
| Telecommunications facility code | | |
| Table 9.3.26.3 | AO4.2 | All |
| Landscape work code | | |
| Table 9.4.5.3 | AO2.2 | All |
| Table 9.4.5.3 | AO3 | All |
| Table 9.4.5.3 | AO7 | All |
| Table 9.4.5.3 | AO9.1 | All |

1.2 Purpose

This planning scheme policy provides guidance and advice on satisfying assessment benchmarks and standards for the selection of appropriate plant species on sites to:

1. promote urban landscapes that are consistent with Brisbane’s subtropical climate, its natural environment, the existing local character, and specific vegetation themes;
2. promote the use of local native and non-invasive introduced plant species in landscaping.

Note—This planning scheme policy does not provide guidance on:

* ecological restoration and rehabilitation planting. For advice on these situations, refer to the Biodiversity areas planning scheme policy or to the regionally endorsed guidelines in the South East Queensland Ecological Restoration Framework; or
* plant species that may be suitable for planting as street trees. For advice on this situation, refer to the Infrastructure design planning scheme policy, Chapter 3 Road corridor design.

2 Preferred plant species

1. The plant species included in these lists:
2. are indicative of the diversity of plant forms that contribute to the subtropical landscape character of Brisbane;
3. are not exhaustive;
4. have been selected based on their reliability of form and their general growth performance under Brisbane's climatic conditions;
5. include non-invasive introduced plant species which are appropriate to Brisbane’s climate, associated with the character of particular localities and architectural styles of Brisbane, and not considered undesirable species for landscaping;
6. are to be selected by suitably qualified persons to ensure they are appropriate for the specific site conditions and application.
7. A selection of preferred species for planting in different contexts across Brisbane’s built and natural environments are listed in the following tables.
8. Table 1A—Tall trees over 10m in height at maturity;
9. Table 1B—Small trees 5m to 10m in height at maturity;
10. Table 1C—Medium shrubs 2m to 5m in height at maturity;
11. Table 1D—Low shrubs 0.5m to 2m in height at maturity;
12. Table 1E—Groundcovers and grasses;
13. Table 1F—Climbers;
14. Table 1G—Rushes and sedges;
15. Table 1H—Wetland areas – trees, shrubs and ground covers;
16. Table 1I—Wetland areas – rushes, sedges and aquatic plants.
17. Table 1J—Riparian vegetation
18. The table gives guidance on relevant selected plant characteristics relating to:
19. spreading or columnar canopy forms;
20. fast growing;
21. screening qualities;
22. hedge suitability;
23. suitability for use in car parking areas;
24. fragrant flowers or leaves;
25. showy flowers, foliage;
26. edible parts;
27. bird, butterfly or frog attracting;
28. suitability for planting in sandy soils, moist soils, clay soils or in topsoil over clay.
29. The tables can also be used as a guide when establishing tiered plantings, for example a two-tiered planting may consist of a mixture of small trees and low shrubs, or a three-tiered planting may consist of tall trees, medium shrubs and groundcovers. The requirements and composition of tiers will be site specific.

Table 1A—Tall trees over 10m in height at maturity

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical name | Common name | Tall tree planting characteristics | | | | | | | | |
| Spreading canopy form | Columnar canopy form | Fast growing | Screen planting | Suitable for car parking areas | Showy flowers | Showy foliage | Edible parts | Bird attracting |
| Agathis robusta | kauri pine |  | x | x |  |  |  |  |  |  |
| Araucaria bidwillii | Bunya pine |  | x |  |  |  |  |  | x |  |
| Araucaria cunninghamii | hoop pine |  | x |  |  |  |  |  |  |  |
| Araucaria heterophylla | Norfolk Island pine |  | x |  |  |  |  |  |  |  |
| Archontophoenix cunninghamiana | Bangalow palm |  | x | x |  |  |  |  |  |  |
| Brachychiton acerfolius | flame tree |  | x |  |  |  | x | x |  |  |
| *Cassia siamea* (syn. *Senna siamea*) | cassod tree | x |  | x |  | x | x |  |  |  |
| Castanospermum australe | Moreton Bay chestnut | x |  |  |  |  |  |  |  |  |
| Celtis paniculata | native elm | x |  |  |  |  |  |  |  |  |
| Colvillea racemosa | Colville’s glory |  | x |  |  |  | x | x |  |  |
| *Corymbia citriodora* subsp. *variegata* | spotted gum |  | x | x |  |  |  |  |  | x |
| Corymbia tesselaris | Moreton Bay ash |  | x |  |  |  |  |  |  | x |
| Cryptocarya triplinervis | three veined laurel | x |  |  |  |  |  |  |  | x |
| Cupaniopsis anacardioides | tuckeroo | x |  |  |  | x |  |  |  |  |
| Delonix regia | poinciana | x |  |  |  |  | x |  |  |  |
| Elaeocarpus grandis | blue quandong |  | x | x |  |  |  | x |  |  |
| Eucalyptus microcorys | tallowood | x |  | x |  |  |  |  |  | x |
| Eucalyptus racemosa | scribbly gum | x |  | x |  |  |  |  |  | x |
| Eucalyptus tereticornis | forest red gum | x |  | x |  |  |  |  |  | x |
| Ficus macrophylla | Moreton Bay fig | x |  |  |  |  |  |  |  | x |
| Ficus macrocarpa | Hills weeping fig | x |  |  |  |  |  |  |  | x |
| Ficus obliqua | small leaved fig | x |  |  |  |  |  |  |  | x |
| Ficus rubiginosa | rock fig | x |  |  |  |  |  |  |  | x |
| Flindersia australis | Crows ash | x |  |  |  |  |  |  |  |  |
| Flindersia bennettiana | Bennette’s ash | x |  |  |  |  |  |  |  |  |
| Flindersia brayleyana | Queensland maple | x |  | x |  | x |  |  |  |  |
| Flindersia schottiana | bumpy ash | x |  |  |  | x |  |  |  |  |
| Gmelina leichhardtii | white beech |  |  | x |  |  |  |  |  |  |
| Grevillea robusta | silky oak |  | x |  |  |  | x |  |  | x |
| Harpullia pendula | tulipwood | x |  |  |  | x |  |  |  |  |
| Jacaranda mimosifolia | jacaranda  Editor's note—Not to be planted near bushland areas. | x |  |  |  |  | x |  |  |  |
| Livistona australis | cabbage palm |  | x |  |  |  |  |  |  |  |
| Lophostemon confertus | brush box | x |  |  |  |  |  |  |  | x |
| Macadamia integrifolia | bush nut | x |  |  |  |  |  |  | x |  |
| Mangifera indica | mango | x |  |  |  |  |  |  | x |  |
| Melaleuca leucadendron | weeping paperbark |  | x |  |  | x |  |  |  | x |
| Melaleuca quinquenervia | broad-leaved paperbark |  | x |  |  | x |  |  |  | x |
| Peltophorum pterocarpum | yellow poinciana | x |  |  |  | x | x |  |  |  |
| Podocarpus elatus | brown pine |  |  | x |  |  |  |  |  |  |
| Schotia brachypetala | Kaffir bean | x |  |  |  | x |  |  |  | x |
| Syzygium australe | scrub cherry | x |  |  | x |  |  |  | x | x |
| Syzygium francisii | rose satinash | x |  |  | x |  |  |  |  | x |
| Syzygium luehmannii | small-leaved lilly pilly | x |  |  | x |  |  |  | x | x |
| Tabebuia argentea | silver trumpet tree | x |  |  |  |  | x |  |  |  |
| Tabebuia rosea | pink trumpet tree | x |  |  |  | x | x |  |  |  |
| Waterhousia floribunda | weeping satinash | x |  | x | x | x |  |  |  | x |

Table 1B—Small trees 5m to 10m in height at maturity

| Botanical name | Common name | Small tree planting characteristics | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fast growing | Screen planting | Suitable for car parking areas | Fragrant (flowers or leaves) | Showy flowers | Showy foliage | Edible parts | Bird attracting |
| *Acmena smithii* | lilly pilly |  | x |  |  |  |  |  | x |
| Acronychia imperforata | coastal aspen | x | x |  |  |  |  | x | x |
| Allocasuarina littoralis | black she oak | x |  |  |  |  |  |  |  |
| Alloxylon flammeum | tree waratah |  |  | x |  | x |  |  |  |
| *Atractocarpus fitzalanii* (syn. *Randia fitzalanii*) | brown gardenia |  | x |  | x |  |  |  |  |
| *Auranticarpa rhombifolium* (syn. *Pittosporum rhombifolium*) | diamond piltosporum |  | x |  |  | x | x |  | x |
| Backhousia citriodora | lemon myrtle |  | x |  | x |  |  | x |  |
| Backhousia myrtifolia | grey myrtle |  | x |  |  | x |  |  |  |
| Banksia integrifolia | coast banksia |  |  |  |  | x |  |  | x |
| Barklya syringifolia | crown of gold |  | x |  |  | x | x |  |  |
| Brachychiton discolour | lacebark tree |  |  | x |  | x |  |  |  |
| Buckinghamia celsissima | ivory curl tree |  |  | x | x | x |  |  |  |
| *Callistemon* 'Eureka' | pink bottlebrush |  |  | x |  | x |  |  | x |
| *Callistemon salignus Rubra* (syn. *Melaleuca salicina*) | bottlebrush |  | x | x |  | x |  |  | x |
| Callitris columellaris | Bribie Island pine |  | x |  |  |  | x |  | x |
| Cordyline petiolaris | broad-leaved palm lilly |  |  |  |  |  | x |  |  |
| Cupaniopsis parvifolia | small-leaved tuckeroo |  |  | x |  |  | x |  | x |
| Cyathea australis | rough tree fern |  |  |  |  |  | x |  |  |
| Cyathea cooperi | scaly tree fern | x |  |  |  |  | x |  |  |
| Diploglottis campbellii | small-leaved tamarind |  |  |  |  |  |  | x |  |
| Elaeocarpus eumundi | Eumundi quandong |  | x | x | x |  | x |  |  |
| Elaeocarpus obovatus | hard quandong |  | x |  |  |  | x |  | x |
| Elaeocarpus reticulatus | blue berry ash | x | x |  |  | x | x |  | x |
| Ficus carica | edible fig |  |  |  |  |  |  | x |  |
| *Gossia bidwillii* (syn. *Austromyrtus bidwillii*) | python tree |  |  |  |  |  | x |  |  |
| *Gossia gonoclada* (syn. *Austromyrtus gonoclada*) | angle-stemmed myrtle |  | x |  |  |  | x |  | x |
| Grevillea baileyana | white oak | x |  | x |  | x | x |  | x |
| Hymenosporum flavum | native frangipani |  |  |  | x |  |  |  |  |
| Jagera pseudorhus | foam bark |  |  |  |  |  | x |  | x |
| Lagerstroemia indica | crepe myrtle | x | x | x |  | x | x |  |  |
| Melaleuca bracteata | river tea tree |  |  | x |  |  |  |  | x |
| Melaleuca linariifolia | flax-leaf paperbark |  | x | x | x | x | x |  | x |
| *Melicope elleryana* (syn. *Euodia elleryana*) | pink euodia |  |  |  |  | x |  |  | x |
| *Milletia pinnata* (syn. *Pongamia pinnata*) | native wisteria tree |  |  |  |  | x |  |  |  |
| Myrsine variabilis (syn. Rapanea variabilis) | muttonwood |  | x |  |  |  |  |  | x |
| Phaleria clerodendron | native daphne |  |  |  | x | x |  |  |  |
| Pittosporum undulatum | sweet pittosporum |  |  |  | x |  |  |  | x |
| Plumeria obtusa | evergreen frangipani |  |  | x | x | x |  |  |  |
| Plumeria rubra | frangipani |  |  |  | x | x |  |  |  |
| Polyscias murrayi | pencil cedar | x |  |  |  |  |  |  | x |
| Polyscias elegans | celerywood | x |  |  |  |  |  |  | x |
| Sterculia quadrifida | peanut tree | x |  |  |  |  |  | x | x |
| Stenocarpus sinuatus | wheel of fire tree |  |  |  |  | x | x |  | x |
| *Syzygium hempilamprum* (syn. *Acmena hemilampra*) | broad-leaved lilly pilly |  | x |  |  |  | x |  | x |
| Syzygium oleosum | blue lilly pilly | x | x |  |  |  | x | x | x |
| *Thaleropia queenslandica* (syn. *Metrosideros queenslandica*) | Queensland myrtle |  | x |  |  | x |  |  |  |
| Toechima tenax | brush teak |  | x |  |  |  |  |  | x |
| Xanthostemon chrysanthus | golden penda |  | x |  |  | x |  |  |  |

Table 1C—Medium shrubs 2m to 5m in height at maturity

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical name | Common name | Medium shrub planting characteristics | | | | | | | | | | |
| Fast growing | Screen planting | Hedge | Suitable for car parking areas | Fragrant (flowers or leaves) | Showy flowers | Showy foliage | Edible parts | Bird attracting | Butterfly attracting | Topsoil over clay |
| Acacia complanata | Flat-stemmed wattle | x |  |  |  |  | x |  |  | x | x |  |
| Acacia fimbriata | Brisbane wattle | x | x |  |  |  | x |  |  | x | x |  |
| Acacia o'shanesii | green wattle | x | x |  |  |  | x |  |  | x | x |  |
| Acacia podalyriifolia | Queensland silver wattle | x | x |  |  |  | x | x |  | x | x | x |
| Baeckea virgata | twiggy heath myrtle |  | x |  |  |  | x |  |  |  | x | x |
| Bougainvillea species | bougainvillea |  | x | x |  |  | x |  |  |  |  | x |
| Brachychiton bidwillii | little kurrajong |  |  |  |  |  | x |  |  | x | x | x |
| Callistemon species (now Melaleuca species) | bottlebrush |  |  |  |  |  |  |  |  |  |  |  |
| Carica papaya | paw-paw | x |  |  |  |  |  |  | x |  |  |  |
| *Citrus australasica* (syn. *Microcitrus australasica*) | native finger lime |  |  |  |  | x |  |  | x |  | x | x |
| Citrus australis | Gympie lime |  |  |  |  | x |  |  | x |  | x | x |
| *Citrus sinensis* var *Valencia* | Valencia orange |  |  |  |  | x |  |  | x |  | x | x |
| Croton insularis | silver croton | x |  |  |  |  |  | x |  | x | x | x |
| Cryptocarya laevigata | glossy laurel |  | x |  | x | x | x |  |  | x |  |  |
| Decaspermum humile | silky myrtle | x |  |  |  |  |  |  |  | x |  |  |
| Dodonaea viscosa | hop bush | x |  |  |  |  |  |  |  |  |  |  |
| Doryanthes excelsa | gymea lily |  |  |  | x |  | x |  |  | x |  |  |
| Doryanthes palmeri | spear lily |  |  |  | x |  | x |  |  | x |  |  |
| Eucalyptus curtisii | plunkett mallee | x |  |  | x |  | x |  |  | x |  | x |
| Graptophyllum excelsum | scarlet fuschia | x | x | x |  |  | x |  |  | x | x | x |
| Grevillea banksii | Banks' grevillea | x | x |  | x |  | x |  |  | x | x | x |
| Grevillea banksii alba | Banks' grevillea – white form | x | x |  | x |  | x |  |  | x | x | x |
| *Grevillea* 'Firesprite' |  | x | x |  |  |  | x |  |  | x | x | x |
| *Grevillea* 'Honey Gem' |  | x | x |  |  |  | x |  |  | x | x | x |
| Grevillea hookeriana |  | x | x |  |  |  | x |  |  | x | x | x |
| *Grevillea* 'Kay Williams' |  | x | x |  |  |  | x |  |  | x | x | x |
| *Grevillea* 'Lime Spider' |  | x | x |  |  |  | x |  |  | x | x | x |
| *Grevillea* 'Majestic' |  | x | x |  |  |  | x |  |  | x | x | x |
| *Grevillea* 'Orange Marmalade' | marmalade grevillea | x | x |  |  |  | x |  |  | x | x | x |
| Grevillea pteridifolia | fern leaf grevillea | x | x |  |  |  | x | x |  | x | x | x |
| Leptospermum petersonii | lemon-scented tea-tree |  | x |  | x | x | x |  | x |  | x | x |
| Malaleuca saligna (syn. Callistemon salignus) | white bottlebrush |  | x |  | x |  | x |  |  | x |  |  |
| Melaleuca sieberi | small-leaved paperbark |  |  |  |  |  | x |  |  | x |  | x |
| Malaleuca viminalis (syn. Callistemon viminalis) | weeping bottlebrush |  | x |  | x |  | x |  |  | x |  |  |
| Melastoma malabathricum (syn. Melastoma affine) | native lasiandra | x |  |  |  |  | x |  |  |  |  | x |
| Michelia figo | port wine magnolia |  | x | x |  | x | x | x |  |  | x | x |
| Myoporum acuminatum | coastal boobialla | x | x |  |  |  |  |  |  | x | x | x |
| Pavetta australiensis | pavetta | x |  |  |  | x | x |  |  | x | x | x |
| Pittosporum revolutum | yellow pittosporum |  |  |  | x |  |  |  |  | x |  |  |
| Prostanthera ovalifolia | purple mint-bush | x |  |  |  | x | x |  |  |  | x | x |
| Syzygium 'Aussie Copper' |  | x | x | x |  |  | x | x | x | x | x | x |
| Syzygium 'Aussie Southern' |  | x | x | x |  |  | x | x | x | x | x | x |
| Syzygium australe | scrub cherry | x | x | x |  |  | x | x | x | x | x | x |
| Syzygium australe 'Bush Christmas' |  | x | x | x |  |  | x | x | x | x | x | x |
| Syzygium 'Blaze' |  | x | x | x |  |  | x | x | x | x | x | x |
| Syzygium 'Bush Christmas' |  | x | x | x |  |  | x | x | x | x | x | x |
| Syzygium 'Elite' |  | x | x | x |  |  | x | x | x | x | x | x |
| Syzygium wilsonii subsp. wilsonii | powderpuff lilly pilly | x | x | x |  |  | x | x | x | x | x | x |

Table 1D—Low shrubs 0.5m to 2m in height at maturity

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical name | Common name | Low shrub planting characteristics | | | | | | | | | | |
| Fast growing | Screen planting | Suitable for car parking areas | Shade tolerant | Fragrant (flowers or leaves) | Showy flowers | Showy foliage | Edible parts | Bird attracting | Butterfly attracting | Topsoil over clay |
| Alpinia caerulea | native ginger | x | x |  | x | x | x | x | x | x | x | x |
| Asplenium australasicum | bird’s nest fern | x |  |  | x |  |  | x |  |  |  | x |
| Austromyrtus dulcis | midgen |  |  | x |  |  |  | x | x | x | x | x |
| Banksia robur | broad leaved banskia | x |  | x |  |  | x | x |  | x | x | x |
| Banksia spinulosa | golden candlesticks |  |  | x |  |  | x | x |  | x | x | x |
| Bromeliaceae species | bromeliads |  |  |  | x |  | x | x |  |  |  | x |
| Brunfelsia australis | yesterday, today and tomorrow | x | x |  |  | x | x |  |  |  | x | x |
| Codiaeum variegatum | croton |  |  |  | x |  |  | x |  |  |  | x |
| Cordyline petiolaris | broad leaf palm lily |  |  |  | x |  |  | x |  | x | x | x |
| Cordyline rubra | red-fruited palm lily |  |  |  | x |  |  | x |  | x | x | x |
| Cordyline stricta | narrow leaf palm lily |  |  |  | x |  |  | x |  |  |  | x |
| Crinum pedunculatum | swamp lily | x | x |  | x |  | x | x |  |  | x | x |
| Gardenia jasminoides | gardenia |  |  |  |  | x | x |  |  |  | x | x |
| Goodenia ovata | hop goodenia | x |  | x |  |  | x |  |  |  | x | x |
| Graptophyllum ilicifolium | holly fuschia |  |  |  | x |  | x | x |  |  |  |  |
| *Grevillea* 'Forest Rambler' | forest rambler | x |  |  |  |  |  |  |  | x | x | x |
| *Grevillea* 'Golden Lyre' | golden lyre | x | x | x |  |  | x |  |  | x | x | x |
| Leptospermum polygalifolium | wild may |  |  |  |  |  | x |  |  |  | x | x |
| Lomandra longifolia | spiny-headed mat rush | x |  | x |  |  |  | x |  |  | x | x |
| *Melaleuca linariifolia* 'Claret Tops' | claret tops |  |  | x |  |  |  | x |  |  | x | x |
| Orthosiphon aristatus | cat’s whiskers | x |  |  |  |  | x |  |  | x | x | x |
| *Philodendron* 'Xanadu' |  | x |  |  | x |  |  | x |  |  |  | x |
| Phyllanthus multiflorus | phyllanthus |  |  | x |  |  |  | x |  |  |  | x |
| *Syzygium australe* 'Aussie Boomer' |  | x | x |  |  |  | x | x | x | x | x | x |
| *Syzygium* 'Lillyput' |  | x | x |  |  |  | x | x | x | x | x | x |
| *Syzygium* 'Minipilly' |  | x | x |  |  |  | x | x | x | x | x | x |
| *Syzygium* 'Tiny Trev' |  | x | x |  |  |  | x | x | x | x | x | x |
| Westringia fruticosa | coastal rosemary |  |  |  |  |  | x | x |  |  | x | x |
| Zingiber spectabile | beehive ginger | x |  |  | x | x | x | x |  | x | x | x |

Table 1E—Groundcovers and grasses

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical name | Common name | Groundcovers and grasses planting characteristics | | | | | | | | | | | | |
| Fast growing | Water sensitive urban design – swales | Suitable for car parking areas | Sandy soils | Fragrant | Showy flowers | Showy foliage | Edible parts | Moist soils | Clay soils | Bird attracting | Butterfly attracting | Topsoil over clay |
| Adiantum hispidulum | rough maidenhair fern |  |  |  |  |  |  | x |  | x |  |  |  |  |
| Allium fistulosum | spring onion | x |  |  |  | x |  |  | x |  |  |  | x | x |
| Bacopa monnieri | bacopa | x | x |  |  |  | x |  | x | x |  |  | x | x |
| Carpobrotus glaucescens | pigface | x |  | x | x |  | x | x | x |  |  |  | x | x |
| Chrysocephalum apiculatum | yellow buttons | x |  | x | x |  | x | x |  |  |  |  | x | x |
| Cissus antarctica | kangaroo vine | x |  |  |  |  |  |  |  |  |  | x |  | x |
| Curculigo capitulate | palm grass | x |  |  |  |  |  | x |  |  |  |  |  | x |
| Cymbopogon refractus | barbed wire grass | x | x |  | x |  |  | x |  | x | x | x | x | x |
| Dianella brevipendunculata | flax lily |  |  | x | x |  |  | x |  |  |  | x |  | x |
| Dianella caerulea | blue flax lily |  |  | x | x |  |  | x |  |  |  | x |  | x |
| *Dianella caerulea* ‘Breeze’ |  |  |  | x | x |  |  | x |  |  |  | x |  | x |
| *Dianella caerulea* ‘Little Jess’ |  |  |  | x | x |  |  | x |  |  |  | x |  | x |
| *Dianella longifolia* var. *longifolia* | pale flax lily |  |  | x | x |  |  | x |  |  |  | x |  | x |
| Dianella tasmanica | Tasman flax lily |  | x |  | x |  |  | x |  |  |  | x |  | x |
| Dichelachne crinita | long-haired plume grass | x | x |  | x |  | x |  |  |  | x |  |  | x |
| Dietes bicolour | dietes | x | x | x | x |  | x |  |  | x | x |  | x | x |
| Dietes grandiflora | dietes | x | x | x | x |  | x |  |  | x | x |  | x | x |
| Doodia aspera | rasp fern | x |  |  |  |  |  | x |  | x |  |  |  | x |
| *Eragrostis elongata* ‘Elvera’ |  | x | x |  | x |  |  | x |  | x | x |  |  | x |
| Eruca sativa | rocket | x |  |  |  |  |  |  | x |  |  |  |  | x |
| Eustrephus latifolius | wombat berry | x |  |  | x |  | x |  | x | x | x | x | x | x |
| Fragaria x ananassa | strawberry | x |  |  |  |  | x | x | x | x |  |  | x | x |
| *Grevillea* 'Bronze Rambler' |  |  |  |  | x |  | x |  |  |  |  | x | x | x |
| *Grevillea* 'Fanfare' |  |  |  |  | x |  | x |  |  |  |  |  | x | x |
| Imperata cylindrical | blady grass | x | x |  | x |  |  | x |  | x | x |  |  | x |
| *Liriope muscari* ‘Evergreen Giant’ |  | x | x | x | x |  |  | x |  | x | x |  |  | x |
| Myoporum elipticum | coastal myoporum | x |  | x |  |  |  |  |  |  |  |  |  | x |
| Myoporum parvifolium | creeping boobialla | x | x |  | x |  |  |  |  |  |  | x | x | x |
| Paspalum distichum | water couch | x | x |  | x |  |  |  |  | x | x |  |  | x |
| *Paspalum vaginatum* ‘Saltine’ | salt water couch | x | x |  | x |  |  |  |  | x | x |  |  | x |
| Pennisetum alopecuroides | swamp foxtail | x | x |  | x |  |  | x |  | x | x |  |  | x |
| *Pennisetum alopecuroides* ‘Nafray’ | fountain grass | x | x |  | x |  |  | x |  | x | x |  |  | x |
| Phyla nodiflora | condamine couch | x |  |  | x |  | x |  |  |  |  |  | x | x |
| *Poa labillardiere* ‘Eskdale’ |  | x | x |  | x |  |  | x |  | x | x |  |  | x |
| *Rosmarinus officinalis* 'Prostrate' | prostrate rosemary |  |  |  | x | x | x | x | x |  |  |  | x | x |
| Scaevola albida | Small-fruited blue fan flower | x |  |  | x |  | x |  |  |  |  |  | x | x |
| Sporobolus virginicus | marine couch | x | x |  | x |  |  |  |  | x | x |  |  |  |
| Themeda australis ‘Mingo’ | mingo | x | x |  | x |  |  | x |  | x | x | x |  | x |
| Themeda triandra | kangaroo grass | x | x |  | x |  |  | x |  | x | x | x |  | x |
| Thymus vulgaris | common thyme |  |  |  | x | x | x | x | x |  |  |  | x | x |
| Viola banksii (syn. Viola hederacea) | native violet | x |  |  |  |  | x |  |  | x | x |  | x | x |
| Zephyranthes species | rain lily | x |  |  | x |  | x |  |  | x | x |  | x | x |
| Zoysia tenuifolia | no mow grass |  |  |  | x |  |  | x |  |  |  |  |  | x |

Table 1F—Climbers

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical name | Common name | Climbers planting characteristics | | | | | | | |
| Salt tolerant | Sandy soils | Fragrant (flowers or leaves) | Showy flowers | Showy foliage | Edible parts | Bird attracting | Butterfly attracting |
| Aphanopetalum resinosum | gum vine |  |  |  | x |  |  | x | x |
| Bauhinia corymbosa | bauhinia vine |  |  |  | x | x |  |  |  |
| Hardenbergia violacea | native sarsaparilla vine |  | x |  | x |  |  |  | x |
| Hibbertia scandens | snake vine | x | x |  | x |  |  | x | x |
| Hoya australis | wax flower |  |  | x | x |  |  |  | x |
| Jasminium polyanthum | jasmine |  |  | x | x |  |  |  |  |
| Kennedia rubicunda | dusky coral pea |  |  |  | x |  |  |  |  |
| Pandorea jasminoides | bower vine |  |  |  | x |  |  | x | x |
| Pandorea pandorana | wonga wonga vine |  |  |  | x |  |  | x | x |
| Pararistolochia praevenosa | birdwing butterfly vine |  |  |  |  |  |  |  | x |
| Passiflora edulis | passionfruit |  |  |  | x |  | x | x | x |
| Piper hederaceum | pepper vine |  |  |  |  |  | x | x | x |
| Tecomanthe hillii | Fraser Island creeper |  | x |  | x |  |  | x | x |
| Trachelospermum jasminoides | star jasmine |  |  | x | x |  |  |  | x |

Table 1G—Rushes and sedges

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical name | Common name | Rushes and sedges planting characteristics | | | | | | | |
| Water sensitive urban design – swales | Salt tolerant | Sandy soils | Shade tolerant | Bird attracting | Butterfly attracting | Frog attracting | Clay soils |
| Carex appressa | tussock sedge | x |  | x |  |  |  |  |  |
| Carex fascicularis | tassel sedge | x |  | x |  |  |  |  |  |
| Carex gaudichaudiana | tea tree swamp sedge | x |  | x |  |  |  |  |  |
| Carex polyantha | strand sedge | x |  | x |  |  |  |  |  |
| Carex pumila | coastal sedge | x | x |  |  |  |  |  |  |
| Cyperus gunnii | flecked flat-sedge | x |  | x |  |  |  |  |  |
| Cyperus polystachyos | bunchy sedge | x |  |  |  |  |  |  |  |
| *Fincia nodosa* (syn*. Isolepis nodosa*) | knobby club rush | x |  |  |  |  |  |  |  |
| Gahnia aspera | saw sedge | x |  |  |  |  |  |  |  |
| Gahnia sieberiana | red-fruited saw sedge | x |  |  |  |  |  |  |  |
| Juncus kraussii | sea rush | x |  |  |  |  |  |  |  |
| Juncus usitatus | common rush | x |  |  |  |  |  |  |  |
| Lepidosperma laterale | variable sword sedge | x |  |  |  |  |  |  |  |
| Lomandra confertifolia | mat rush | x |  |  |  |  |  |  |  |
| Lomandra hystrix | creek mat rush |  |  |  | x |  |  |  |  |
| Lomandra longifolia | spiny-headed mat rush |  |  |  | x |  |  |  |  |
| *Lomandra longifolia* cv ‘Katrinus’ |  |  |  |  | x |  |  |  |  |
| *Lomandra longifolia* cv ‘Tanika’ |  |  |  |  | x |  |  |  |  |

Table 1H—Wetland areas – trees, shrubs and ground covers

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical name | Common name | Trees, shrubs and ground covers planting characteristics | | | | | | |
| Pool | Deep marsh | Marsh | Shallow marsh | Ephemeral marsh | Banks/ Batters | Frog attracting |
| Banksia robur | broad-leaved banksia |  |  |  |  |  | x |  |
| Casuarina cunninghamiana | river she-oak |  |  |  |  |  | x |  |
| *Dianella longifolia* var. *longifolia* | pale flax-lily |  |  |  |  |  | x |  |
| Elaeocarpus obovatus | hard quandong |  |  |  |  |  | x |  |
| Eucalyptus tereticornis | forest red gum |  |  |  |  |  | x |  |
| Eucalyptus ovata | swamp gum |  |  |  |  |  | x |  |
| Glochidion sumatranum | button wood |  |  |  |  |  | x |  |
| Leptospermum polygalifolium | wild may |  |  |  |  |  | x |  |
| *Lomandra filiformis* subsp. *filiformis* | wattle mat rush |  |  |  |  |  | x |  |
| Lomandra longifolia | spiny-headed mat rush |  |  |  |  |  | x | x |
| Lophostemon suaveolens | swamp box |  |  |  |  |  | x |  |
| Melaleuca bracteata | river tea tree |  |  |  |  |  | x |  |
| Melaleuca linariifolia | flax-leaf paperbark |  |  |  |  |  | x |  |
| Melaleuca nodosa | prickly-leaved paperbark |  |  |  |  |  | x |  |
| Melaleuca quinquenervia | broad-leaved paperbark |  |  |  |  |  | x |  |
| *Melaleuca sali*g*na* (syn. *Callistemon salignus*) | white bottlebrush |  |  |  |  |  | x |  |
| Melaleuca sieberi | small-leaved paperbark |  |  |  |  |  | x |  |
| *Melaleuca viminalis* (syn. *Callistemon viminalis*) | weeping bottlebrush |  |  |  |  |  | x |  |
| Melastoma malabathricum | native lasiandra |  |  |  |  |  | x |  |
| Myoporum acuminatum | coastal boobialla |  |  |  |  |  | x |  |
| Poa labillardieri | tussock grass |  |  |  |  |  | x |  |
| Viola hederacea | native violet |  |  |  |  |  | x |  |

Note—The terms relate to the following water depths or height above the water surface:

* pool – water depth of 1.5m to 0.5m;
* deep marsh – water depth of 0.5m to 0.35m;
* marsh – water depth of 0.35m to 0.2m;
* shallow marsh – water depth of 0.2m to 0m;
* ephemeral marsh – above water surface height 0m to +0.2m;
* banks/ batters – above water surface height +0.2m to +0.5m.

Table 1I—Wetland areas – rushes, sedges and aquatic plants

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical name | Common name | Rushes, sedges and aquatic plants planting characteristics | | | | | | |
| Pool | Deep marsh | Marsh | Shallow marsh | Ephemeral marsh | Banks/ Batters | Frog attracting |
| Baumea arthrophylla | fine twig-rush |  |  | x |  |  |  |  |
| Baumea articulata | jointed twig-rush |  | x |  |  |  |  |  |
| Baumea juncea | bare twig-rush |  |  |  | x |  |  |  |
| Baumea rubiginosa | soft twig-rush |  | x | x |  |  |  |  |
| Bolboschoenus caldwellii | sea club-rush |  |  | x | x |  |  |  |
| Bolboschoenus fluviatalis | marsh club-rush |  | x | x | x |  |  |  |
| Carex appressa | tussock sedge |  |  |  |  | x |  |  |
| Carex breviculmis | short-stem sedge |  |  |  |  |  | x |  |
| Carex fascicularis | tassel sedge |  |  |  | x |  |  |  |
| Carex gaudichaudiana | tea tree swampsedge |  |  |  | x |  |  |  |
| Carex inversa | knob sedge |  |  |  |  | x |  |  |
| Carex polyantha | creek sedge |  |  |  |  | x |  |  |
| Carex pumila | strand sedge |  |  |  |  |  | x |  |
| Cyperus exaltatus | giant sedge |  |  |  | x |  |  |  |
| Cyperus gunnii | flecked flat sedge |  |  |  |  | x |  |  |
| Cyperus polystachyos | bunchy sedge |  |  |  |  |  | x |  |
| Eleocharis acuta | common spike-rush |  |  |  | x |  |  |  |
| Eleocharis dulcis | water chestnut |  |  |  | x |  |  |  |
| Eleocharis equisetina | sag |  |  |  | x |  |  |  |
| Eleocharis pusilla | small spike-rush |  |  |  | x |  |  |  |
| Eleocharis sphacelata | tall spike-rush |  | x |  |  |  |  |  |
| *Ficnia nodosa* (syn. *Isolepis nodosa*) | knobby club-rush |  |  |  | x |  |  |  |
| Gahnia clarkei | tall saw-sedge |  |  |  |  |  | x |  |
| Gahnia siberiana | red-fruited saw sedge |  |  |  |  |  | x |  |
| Isolepis inundata | swamp club-rush |  |  |  | x |  |  |  |
| Juncus flavidus | yellow rush |  |  |  |  | x |  |  |
| Juncus pristmatocarpus | branching rush |  |  |  |  | x |  |  |
| Juncus subsecundus | finger rush |  |  |  | x |  |  |  |
| Juncus usitatus | common rush |  |  |  | x |  |  |  |
| *Lepidosperma laterale* var. *laterale* | variable sword-sedge |  |  |  |  | x |  |  |
| Lepidosperma longitudinale | common sword-sedge |  |  |  |  | x |  |  |
| Lepironia articulata | grey rush |  |  | x |  |  |  |  |
| Myriophyllum papillosum | common water-milfoil | x |  |  |  |  |  |  |
| Myriophyllum verrucosum | red water-milfoil | x |  |  |  |  |  |  |
| Phylidrium lanuginosum | woolly water lily |  |  |  | x |  |  |  |
| Potamogeton crispus | curly pondweed | x |  |  |  |  |  |  |
| Potamogeton ochreatus | blunt pondweed | x |  |  |  |  |  |  |
| Restio pallens | cord rush |  |  |  | x |  |  |  |
| Restio tetraphyllus | tassel cord-rush |  |  |  | x |  |  |  |
| Schoenoplectus litoralis | mangrove club-rush |  | x |  |  |  |  |  |
| Schoenoplectus mucronatus | triangular club-rush |  |  | x |  |  |  |  |
| Schoenoplectus validus | river club-rush |  | x |  |  |  |  |  |
| Schoenus apogon | flukebog-rush |  |  |  |  |  | x |  |
| Triglochin procererum | water-ribbons |  |  | x |  |  |  |  |
| Vallisneria gigantea | ribbonweed | x |  |  |  |  |  |  |
| Vallisneria nana | eelgrass | x |  |  |  |  |  |  |

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* pool – water depth of 1.5m to 0.5m;
* deep marsh – water depth of 0.5m to 0.35m;
* marsh – water depth of 0.35m to 0.2m;
* shallow marsh – water depth of 0.2m to 0m;
* ephemeral marsh – above water surface height 0m to +0.2m;
* banks/ batters – above water surface height +0.2m to +0.5m.

Table 1J - Riparian vegetation

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Botanical Name | Common Name | Emergent/Herb Layer plants suitable for planting on bank toe | Trees suitable for planting on bank toe | Herb Layer plants suitable for planting on middle bank area | Trees suitable for planting on the middle bank area | Herb Layer plants suitable for planting on level ground at the top of bank and upper section of bank | Trees suitable for planting on level ground at the top of bank and upper section of bank | Herb Layer plants suitable for planting on lowlands, where water may be retained | Trees suitable for planting on lowlands, where water may be retained | Herbaceous species with attributes for bank protection | Tree species with attributes for bank protection |
| Acmena smithii | lilly pilly |  | x |  | x |  |  |  |  |  | x |
| Alphitonia excelsa | red ash |  |  |  | x |  | x |  |  |  |  |
| Aphananthe philippinensis | axe handle wood |  |  |  | x |  | x |  |  |  | x |
| Araucaria cunninghamii | hoop pine |  |  |  | x |  | x |  |  |  |  |
| Argyrodendron trifoliolatum | booyong |  |  |  | x |  | x |  |  |  |  |
| Melaleuca viminalis (syn. Callistemon viminalis) | weeping bottlebrush |  | x |  |  |  |  |  |  |  | x |
| Carex appressa | tussock sedge | x |  |  |  |  |  | x |  | x |  |
| Castanospermum australe | Moreton Bay chestnut |  |  |  | x |  | x |  |  |  | x |
| Casuarina cunninghamian | river she-oak |  |  |  | x |  | x |  |  |  | x |
| Corymbia citriodora | spotted gum |  |  |  |  |  | x |  |  |  |  |
| Corymbia intermedia | pink bloodwood |  |  |  |  |  | x |  |  |  |  |
| Corymbia tessellaris | carbeen |  |  |  |  |  | x |  |  |  |  |
| Crinum pedunculatum | swamp lily | x |  | x |  |  |  | x |  |  |  |
| Cryptocarya glaucescens | bolly laurel |  |  |  | x |  | x |  |  |  |  |
| Cryptocarya triplinervis | three veined laurel |  |  |  | x |  | x |  |  |  | x |
| Cymbopogan refractus | barb wire grass |  |  |  |  | x |  |  |  |  |  |
| Cyperus difformis | dirty dora |  |  |  |  |  |  | x |  | x |  |
| Dianella caerulea | blue flax lily |  |  |  |  | x |  |  |  |  |  |
| Dissiliaria baloghioides | lancewood |  |  |  | x |  | x |  |  |  |  |
| Echinochloa telmatophila | swamp barnyard grass | x |  |  |  |  |  | x |  |  |  |
| Elaeocarpus grandis | blue quandong |  |  |  |  |  | x |  |  |  |  |
| Elaeocarpus obovatus | hard quandong |  |  |  | x |  | x |  |  |  | x |
| Eucalyptus microcorys | tallowood |  |  |  | x |  | x |  |  |  |  |
| Eucalyptus propinqua | grey gum |  |  |  |  |  |  |  | x |  |  |
| Eucalyptus siderophloia | northern grey ironbark |  |  |  | x |  | x |  |  |  |  |
| Eucalyptus tereticornis | forest red gum |  |  |  | x |  | x |  | x |  |  |
| Ficus fraseri | sandpaper fig |  |  |  | x |  |  |  |  |  | x |
| Ficus macrophylla | Moreton Bay fig |  |  |  | x |  |  |  |  |  | x |
| Flindersia australis | Crows ash |  |  |  | x |  | x |  |  |  |  |
| Flindersia bennettiana | Bennette’s ash |  |  |  | x |  | x |  |  |  |  |
| Flindersia schottiana | bumpy ash |  |  |  | x |  | x |  |  |  |  |
| Grevillea robusta | silky oak |  |  |  | x |  | x |  |  |  |  |
| Hymenosporum flavum | native frangipani |  |  |  |  |  | x |  |  |  |  |
| Jagera pseudorhus | foam bark |  |  |  | x |  | x |  |  |  |  |
| Juncus usitatus | common rush | x |  |  |  |  |  | x |  | x |  |
| Leptospermum polygalifolium | wild may |  | x |  |  |  |  | x |  |  | x |
| Lomandra longifolia | spiny-headed mat rush | x |  | x |  | x |  | x |  | x |  |
| Lophostemon confertus | brush box |  |  |  |  |  | x |  |  |  |  |
| Lophostemon suaveolens | swamp box |  |  |  |  |  | x |  | x |  |  |
| Mallotus philippensis | kamala |  |  |  | x |  | x |  |  |  |  |
| Melaleuca bracteata | river tea tree |  |  |  | x |  |  |  | x |  |  |
| Melaleuca quinquenervia | broad leaved paperbark |  |  |  | x |  | x |  | x |  |  |
| Melaleuca salgna (syn. Callistemon salignus) | white bottlebrush |  |  |  |  |  |  |  | x |  |  |
| Melia azedarach | cape lilac |  |  |  | x |  | x |  |  |  |  |
| Philydrum lanuginosum | frogsmouth | x |  |  |  |  |  | x |  |  |  |
| Phragmites australis | cane grass |  |  |  |  |  |  |  |  | x |  |
| Polyscias elegans | celerywood |  |  |  | x |  | x |  |  |  |  |
| Schoenoplectus mucronatus | triangular club-rush |  |  |  |  |  |  | x |  |  |  |
| Themeda triandra | kangaroo grass | x |  | x |  | x |  | x |  |  |  |
| Toona ciliata | red cedar |  |  |  | x |  | x |  |  |  |  |
| Triglochin procererum | water-ribbons | x |  |  |  |  |  | x |  |  |  |
| Triglochin striatum | streaked arrowgrass | x |  |  |  |  |  | x |  |  |  |
| Waterhousia floribunda | weeping satinash |  | x |  | x |  | x |  |  |  | x |

3 Undesirable plant species

1. Undesirable plant species to be avoided in landscaping are comprised of:
2. pest plant species declared by the Queensland Government as Class 1, 2 or 3 plants under the Land Protection (Pest and Stock Route Management) Act 2002 and the Land Protection (Pest and Stock Route Management) Regulations 2003;
3. pest plant species declared by Council under the Brisbane Invasive Species Management Plan.

These undesirable plant species are not to be used in any landscaping works due to the ecological, economic and social impacts they may cause.