Attachment 11
Tree Species List

Tree Species List

The Tree Species List (the list) provides a range of tree species which may be considered in the landscape design to achieve the tree canopy target. The list is not exhaustive. It identifies tree species that are commonly known to grow well and/or are commonly found in the Woollahra LGA.

Trees can vary in performance (height and spread) throughout the Woollahra LGA due to varying soil conditions and miro-climates. The nominal height and crown area of tree species identified in the list collated based on the collective observations by Council's Tree Officers in the Woollahra local government area.

The list sets the standard for crown area calculation based on the specified minimum deep soil landscaped area.

A landscape architect or designer should be engaged to make a site/landscape specific assessment and design.

Sufficient deep soil landscaped areas shall be provided to ensure trees reach full size at maturity. This ensures the success of landscape spaces and improves visual quality of a development.

Species	Nominal Height	Tree Type/Origin	Nominal Crown Area (m^2)	Min. Deep Soil Landscaped Area (m^2)[i]
Acer buergeranum (Trident Maple)	6	Deciduous/Exotic	30	15
Acer palmatum (Japanese Maple)	4	Deciduous/Exotic	14	15
Agonis flexuosa (Willow Myrtle)	10	Evergreen/Native	115	50
Albizia julibrissin (Silk tree)	4	Evergreen/Exotic	30	15
Alectryon tomentosus (Hairy Alectryon)	8	Evergreen/Native	50	30
Aleurites moluccana (Candlenut tree)	10	Evergreen/Native	80	40
Allocasuarina littoralis (Black She Oak)	10	Evergreen/Native	14	20
Allocasuarina torulosa (Forest Oak)	8	Evergreen/Native	14	15
Alloxylon flammeum (Tree Waratah)	8	Evergreen/Native	14	20
Alnus sp. (Alder)	10	Deciduous/Exotic	50	30

Species	Nominal Height	Tree Type/Origin	Nominal Crown Area (m^2)	Min. Deep Soil Landscaped Area (m^2)[i]
Angophora bakeri (Narrow-leaved Apple)	8	Evergreen/Native	30	20
Angophora costata (Sydney Pink Gum)	12	Deciduous/Endemic	150	100
Angophora floribunda (Rough-barked Apple)	10	Evergreen/Native	100	50
Angophora hispida (Dwarf Apple)	5	Evergreen/Native	14	15
Arbutus unedo (Irish Strawberry tree)	6	Evergreen/Exotic	30	15
Argyrodendron actinophyllum (Black Booyong)	12	Evergreen/Native	50	30
Backhousia citriodora (Lemon-scented Myrtle)	8	Evergreen/Native	30	20
Backhousia myrtifolia (Grey Myrtle)	8	Evergreen/Native	30	20
Banksia integrifolia (Coastal Banksia)	8	Evergreen/Endemic	30	25
Banksia serrata (Old-man Banksia)	6	Evergreen/Endemic	14	15
Bauhinia spp (Orchid tree)	10	Deciduous/Exotic	80	40
Bauhinia variegata (Orchid tree)	10	Deciduous/Exotic	80	40
Betula nigra (River Birch)	10	Deciduous/Exotic	40	40
Brachychiton acerifolius (Illawarra Flame tree)	10	Evergreen/Native	50	40
Brachychiton discolor (Lacebark Kurrajong)	10	Evergreen/Native	50	40
Brachychiton populneus (Kurrajong)	10	Evergreen/Native	50	40
Buckinghamia celsissima (Ivory Curl Flower)	8	Evergreen/Endemic	30	20

Species	Nominal Height	Tree Type/Origin	Nominal Crown Area (m^2)	Min. Deep Soil Landscaped Area (m^2)[i]
Callistemon salignus (Willow Bottlebrush)	8	Evergreen/Endemic	30	20
Callistemon viminalis. (Weeping Bottle Brush)	8	Evergreen/Endemic	30	20
Callitris columellaris (White cypress pine)	10	Evergreen/Endemic	14	20
Calodendrum capense (Cape Chestnut)	8	Deciduous/Exotic	50	25
Castanospermum australe (Black Bean)	10	Evergreen/Endemic	115	50
Casuarina cunninghamiana (River She-oak)	12	Evergreen/Endemic	80	50
Casuarina glauca (Swamp She-oak)	10	Evergreen/Endemic	50	50
Ceratonia siliqua (Carob Bean)	8	Evergreen/Exotic	80	50
Ceratopetalum gummiferum (NSW Christmas Bush)	6	Evergreen/Native	20	15
Corymbia citriodora (Lemon-scented Gum)	18	Evergreen/Native	155	100
Corymbia eximia (Yellow Bloodwood)	12	Evergreen/Native	80	50
Corymbia ficifolia (Red Flowering Gum)	6	Evergreen/Native	30	15
Corymbia gummifera (Red Bloodwood)	12	Evergreen/Native	80	50
Corymbia maculata (Spotted Gum)	18	Evergreen/Native	115	70
Cryptomeria japonica (Japanese Cedar)	12	Evergreen/Exotic	50	40
Cupaniopsis anacardioides (Tuckeroo)	8	Evergreen/Native	80	40
Diploglottis australis (Tamarind)	8	Evergreen/Native	50	40
Elaeocarpus eumundii (Quandong)	12	Evergreen/Native	30	25

Species	Nominal Height	Tree Type/Origin	Nominal Crown Area (m^2)	Min. Deep Soil Landscaped Area (m^2)[i]
Elaeocarpus reticulatus (Blueberry Ash)	7	Evergreen/Endemic	30	20
Eucalyptus botryoides (Bangalay)	9	Evergreen/Native	80	50
Eucalyptus cinerea (Argyle Apple)	9	Evergreen/Native	80	50
Eucalyptus elata River (Peppermint)	10	Evergreen/Native	115	70
Eucalyptus haemastoma (Scribbly Gum)	8	Evergreen/Native	80	50
Eucalyptus melliodora (Yellow Box)	9	Evergreen/Native	80	50
Eucalyptus microcorys (Tallowwood)	10	Evergreen/Native	115	70
Eucalyptus nicholii (Small-leaved Peppermint)	8	Evergreen/Native	115	70
Eucalyptus racemosa (Scribbly Gum)	8	Evergreen/Native	80	50
Eucalyptus resinifera (Red Mahogany)	10	Evergreen/Native	115	70
Eucalyptus sclerophylla (Scribbly Gum)	8	Evergreen/Native	80	50
Eucalyptus sideroxylon (Red Ironbark)	12	Evergreen/Native	80	50
Fagus Sylvatica (European Beech)	10	Deciduous/Exotic	50	40
Ficus rubiginosa (Port Jackson Fig)	10	Evergreen/Endemic	200	70
Flindersia australis (Crow's Ash)	12	Evergreen/Native	115	70
Fraxinus excelsior (European Ash)	7	Deciduous/Exotic	50	20
Fraxinus griffithii (Evergreen Ash)	7	Evergreen/Exotic	30	20
Ginkgo biloba (Maiden-hair tree)	12	Deciduous/Exotic	80	70

Species	Nominal Height	Tree Type/Origin	Nominal Crown Area (m²)	Min. Deep Soil Landscaped Area (m²)[i]
Glochidion ferdinandii (Cheese tree)	8	Evergreen/Endemic	115	50
Gordonia axillaris (Gordonia)	6	Evergreen/Exotic	30	15
Harpullia pendula (Tulipwood)	6	Evergreen/Native	30	15
Hymenosporum flavum (Native Frangipani)	7	Evergreen/Native	30	15
Jacaranda mimosifolia (Jacaranda)	10	Deciduous/Exotic	115	70
Koelreuteria paniculata (Golden Rain tree)	8	Deciduous/Exotic	80	40
Lagerstroemia indica (Crepe Myrtle)	6	Deciduous/Exotic	30	15
Leptospermum laevigatum (Coastal Tea tree)	6	Evergreen/Native	30	15
Leptospermum petersonii (Lemon-scented Tea tree)	6	Evergreen/Native	30	15
Libidibia ferrea (Leopard tree)	10	Evergreen/Exotic	100	70
Liriodendron tulipiferum (Tulip tree)	10	Deciduous/Exotic	115	70
Lophostemon confertus (Brush Box)	10	Deciduous/Exotic	115	70
Magnolia x alba (White Champaca)	6	Evergreen/Exotic	20	15
Magnolia champaca (Champaca)	6	Evergreen/Exotic	20	15
Magnolia grandiflora (Bull Bay Magnolia)	8	Evergreen/Exotic	115	15
Magnolia grandiflora 'Exmouth' (Bull Bay Magnolia)	6	Evergreen/Exotic	20	15
Magnolia x soulangeana (Saucer Magnolia)	6	Deciduous/Exotic	20	15

Species	Nominal Height	Tree Type/Origin	Nominal Crown Area (m^2)	Min. Deep Soil Landscaped Area (m^2)[i]
Melaleuca armillaris (Bracelet Honey Myrtle)	6	Evergreen/Native	30	15
Melaleuca bracteata (Black Tea tree)	7	Evergreen/Native	40	25
Melaleuca linariifolia (Snow in Summer)	7	Evergreen/Native	50	30
Melaleuca quinquenervia (Broad-leaved Paperbark)	10	Evergreen/Native	80	50
Melalueca stypheloides (Prickly-leaved Paperbark)	8	Evergreen/Native	50	30
Melia azedarach (White Cedar)	10	Deciduous/Exotic	80	50
Metrosideros excelsa (NZ Christmas tree)	7	Evergreen/Exotic	50	40
Michelia figo (Port-wine Magnolia)	6	Evergreen/Exotic	20	15
Pittosporum undulatum (Sweet pittosporum)	6	Evergreen/Endemic	20	15
Pistacia chinensis (Chinese Pistachio)	7	Deciduous/Exotic	80	40
Plumeria sp (Frangipani)	6	Deciduous/Exotic	30	15
Prunus sp (Cherry)	6	Deciduous/Exotic	50	30
Quercus ilex (Holm Oak)	10	Evergreen/Exotic	115	70
Quercus palustris (Pin Oak)	10	Deciduous/Exotic	115	70
Sapium sebiferum (Chinese Tallow tree)	8	Deciduous/Exotic	50	30
Sassafras albidum (Common Sassafras)	7	Deciduous/Exotic	30	25
Stenocarpus sinuatus (Firewheel tree)	10	Evergreen/Native	30	25

Species	Nominal Height	Tree Type/Origin	Nominal Crown Area (m²)	Min. Deep Soil Landscaped Area (m²)[i]
Syncarpia glomulifera (Turpentine)	12	Evergreen/Native	80	70
Syzygium australe (Brush Cherry Lillypilly)	8	Evergreen/Native	30	25
Syzygium leuhmannii (Small-leaved Lillypilly)	8	Evergreen/Native	30	25
Syzygium paniculatum (Brush Cherry)	8	Evergreen/Native	50	30
Syzygium smithii (Lillypilly)	10	Evergreen/Native	50	30
Tibouchina lepidota (Lasiandra)	6	Evergreen/Exotic	30	15
Tipuana tipu (Pride of Bolivia)	8	Evergreen/Exotic	80	50
Toona australis (Red Cedar)	10	Evergreen/Native	80	50
Tristaniopsis laurina (Water gum)	8	Evergreen/Native	50	40
Ulmus glabra (Scotch Elm)	8	Evergreen/Exotic	50	50
Ulmus parvifolia (Chinese Elm)	8	Evergreen/Exotic	115	70
Ulmus procera (English Elm)	8	Evergreen/Exotic	50	50
Waterhousia floribunda (Weeping Lillypilly)	10	Evergreen/Native	100	70
Zelkova serrata (Japanese Elm)	10	Deciduous/Exotic	30	30

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[i] Minimum dimension of 4 metres.